Linux Standard Base Desktop Specification 4.0

Linux Standard Base Desktop Specification 4.0

Copyright © 2008 Linux Foundation

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.1; with no Invariant Sections, with no Front-Cover Texts, and with no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License".

Portions of the text may be copyrighted by the following parties:

- The Regents of the University of California
- Free Software Foundation
- Ian F. Darwin
- Paul Vixie
- BSDI (now Wind River)
- Andrew G Morgan
- Jean-loup Gailly and Mark Adler
- Massachusetts Institute of Technology
- Apple Inc.
- Easy Software Products
- artofcode LLC
- Till Kamppeter
- Manfred Wassman
- Python Software Foundation

These excerpts are being used in accordance with their respective licenses.
Linux is the registered trademark of Linus Torvalds in the U.S. and other countries.
UNIX is a registered trademark of The Open Group.
LSB is a trademark of the Linux Foundation in the United States and other countries.
AMD is a trademark of Advanced Micro Devices, Inc.
Intel and Itanium are registered trademarks and Intel386 is a trademark of Intel Corporation.
PowerPC is a registered trademark and PowerPC Architecture is a trademark of the IBM Corporation.
S/390 is a registered trademark of the IBM Corporation.
OpenGL is a registered trademark of Silicon Graphics, Inc.

Contents

I Introductory Elements

1 Scope

2 References

2.1 Normative References

2.2 Informative References/Bibliography

3 Requirements

3.1 Relevant Libraries

4 Definitions

5 Terminology

II Graphic Libraries

6 Libraries

6.1 Interfaces for libX11

6.2 Data Definitions for libX11

6.3 Interface Definitions for libX11

6.4 Interfaces for libSM

6.5 Data Definitions for libSM

6.6 Interfaces for libICE

6.7 Data Definitions for libICE

6.8 Interface Definitions for libICE

6.9 Interfaces for libXt

6.10 Data Definitions for libXt

6.11 Interface Definitions for libXt

6.12 Interfaces for libXext

6.13 Data Definitions for libXext

6.14 Interface Definitions for libXext

6.15 Interfaces for libXi

6.16 Data Definitions for libXi

6.17 Interfaces for libXtst

6.18 Data Definitions for libXtst

III OpenGL Libraries

7 Libraries

7.1 Interfaces for libGL

7.2 Data Definitions for libGL

7.3 Interfaces for libGLU

7.4 Data Definitions for libGLU

IV PNG12 library

8 Libraries

8.1 Interfaces for libpng12

8.2 Data Definitions for libpng12

8.3 Interface Definitions for libpng12

V JPEG library

9 Libraries

9.1 Interfaces for libjpeg

9.2 Data Definitions for libjpeg

9.3 Interface Definitions for libjpeg

VI Fontconfig library

10 Libraries

10.1 Interfaces for libfontconfig

© 2008 Linux Foundation

10.2 Data Definitions for libfontconfig
11 Commands and Utilities
11.1 Commands and Utilities
11.2 Command Behavior
VII Freetype library
12 Libraries
12.1 Interfaces for libfreetype
12.2 Data Definitions for libfreetype
12.3 Interface Definitions for libfreetype
VIII Xft library
13 Libraries
13.1 Interfaces for libXft
13.2 Data Definitions for libXft
13.3 Interface Definitions for libXft
IX Xrender library
14 Libraries
14.1 Interfaces for libXrender
14.2 Data Definitions for libXrender
14.3 Interface Definitions for libXrender
X Cairo Vector Graphics library
15 Libraries
15.1 Interfaces for libcairo
15.2 Data Definitions for libcairo
XI GTK+ Stack Libraries
16 Libraries
16.1 Introduction
16.2 Interfaces for libglib-2.0
16.3 Data Definitions for libglib-2.0
16.4 Interface Definitions for libglib-2.0
16.5 Interfaces for libgobject-2.0
16.6 Data Definitions for libgobject-2.0
16.7 Interface Definitions for libgobject-2.0
16.8 Interfaces for libgmodule-2.0
16.9 Data Definitions for libgmodule-2.0
16.10 Interfaces for libgthread-2.0
16.11 Interfaces for libatk-1.0
16.12 Data Definitions for libatk-1.0
16.13 Interfaces for libpango-1.0
16.14 Data Definitions for libpango-1.0
16.15 Interfaces for libpangocairo-1.0
16.16 Data Definitions for libpangocairo-1.0
16.17 Interfaces for libpangoxft-1.0
16.18 Data Definitions for libpangoxft-1.0
16.19 Interfaces for libpangoft2-1.0
16.20 Data Definitions for libpangoft2-1.0
16.21 Interfaces for libgdk_pixbuf-2.0
16.22 Data Definitions for libgdk_pixbuf-2.0
16.23 Interfaces for libgdk_pixbuf_xlib-2.0
16.24 Data Definitions for libgdk_pixbuf_xlib-2.0
16.25 Interfaces for libgdk-x11-2.0
16.26 Data Definitions for libgdk-x11-2.0

 © 2008 Linux Foundation

16.27 Interfaces for libgtk-x11-2.0
16.28 Data Definitions for libgtk-x11-2.0
16.29 Interface Definitions for libgtk-x11-2.0
XII Qt Libraries
17 Libraries
17.1 Introduction
17.2 Interfaces for libQtCore
17.3 Data Definitions for libQtCore
17.4 Interfaces for libQtGui
17.5 Data Definitions for libQtGui
17.6 Interfaces for libQtXml
17.7 Data Definitions for libQtXml
17.8 Interfaces for libQtOpenGL
17.9 Data Definitions for libQtOpenGL
17.10 Interfaces for libQtSql
17.11 Data Definitions for libQtSql
17.12 Interfaces for libQtSvg
17.13 Data Definitions for libQtSvg
17.14 Interfaces for libQtNetwork
17.15 Data Definitions for libQtNetwork
XIII Qt3 Library
18 Library
18.1 Introduction
18.2 Interfaces for libqt-mt
XIV XML2 library
19 Libraries
19.1 Interfaces for libxml2
19.2 Data Definitions for libxml2
XV Desktop Environment
20 Desktop Environment
20.1 Desktop Base Directory
20.2 Desktop Entries
20.3 Desktop Menu Specification
20.4 Icon Theme Specification
XVI Package Information
21 Package Dependencies
21.1 Package Dependencies
A GNU Free Documentation License (Informative)
A.1 PREAMBLE
A.2 APPLICABILITY AND DEFINITIONS
A.3 VERBATIM COPYING
A.4 COPYING IN QUANTITY
A.5 MODIFICATIONS
A.6 COMBINING DOCUMENTS
A.7 COLLECTIONS OF DOCUMENTS
A.8 AGGREGATION WITH INDEPENDENT WORKS
A.9 TRANSLATION
A.10 TERMINATION
A.11 FUTURE REVISIONS OF THIS LICENSE
A.12 How to use this License for your documents

List of Tables

2-1 Normative References
2-2 Other References
3-1 Standard Library Names
6-1 libX11 Definition
6-2 libX11 - X Window System Interface Function Interfaces
6-3 libSM Definition
6-4 libSM - Session Management Functions Function Interfaces
6-5 libICE Definition
6-6 libICE - ICE Functions Function Interfaces
6-7 libXt Definition
6-8 libXt - X Toolkit Function Interfaces
6-9 libXt - X Toolkit Data Interfaces
6-10 libXext Definition
6-11 libXext - libXext interfaces Function Interfaces
6-12 libXext - X Shape Extension Function Interfaces
6-13 libXext - X Display Power Management Signaling Extension Function Interfaces
6-14 libXext - X Shared Memory Extensions Function Interfaces
6-15 libXext - X Synchronization Extension Function Interfaces
6-16 libXext - X Security Extension Function Interfaces
6-17 libXext - X Double Buffer Extension Function Interfaces
6-18 libXext - X Extended Visual Interface Extension Function Interfaces
6-19 libXi Definition
6-20 libXi - XInput Function Interfaces
6-21 libXtst Definition
6-22 libXtst - libXtst Interfaces Function Interfaces
7-1 libGL Definition
7-2 libGL - GL X interface Function Interfaces
7-3 libGL - OpenGL Function Interfaces
7-4 libGLU Definition
7-5 libGLU - GL Utilities Function Interfaces
8-1 libpng12 Definition
8-2 libpng12 - PNG Reference library Function Interfaces
8-3 libpng12 - PNG Reference library Data Interfaces
9-1 libjpeg Definition
9-2 libjpeg - JPEG Reference library Function Interfaces
10-1 libfontconfig Definition
10-2 libfontconfig - Font Customization and Configuration Library Function Interfaces
11-1 Commands And Utilities
12-1 libfreetype Definition
12-2 libfreetype - FreeType Library Function Interfaces
13-1 libXft Definition
13-2 libXft - X FreeType Library Function Interfaces
14-1 libXrender Definition
14-2 libXrender - X Rendering Extension Function Interfaces
15-1 libcairo Definition
15-2 libcairo - Cairo Vector Graphics Library Function Interfaces
16-1 libglib-2.0 Definition
16-2 libglib-2.0 - GTK General purpose utility library Function Interfaces

© 2008 Linux Foundation

16-3 libglib-2.0 - GTK General purpose utility library Data Interfaces.....
16-4 libglib-2.0 - Glib Arrays Function Interfaces.....
16-5 libglib-2.0 - Glib Asynchronous Queues Function Interfaces.....
16-6 libglib-2.0 - Glib Atomic Operations Function Interfaces.....
16-7 libglib-2.0 - Glib Automatic String Completion Function Interfaces.....
16-8 libglib-2.0 - Glib Balanced Binary Trees Function Interfaces.....
16-9 libglib-2.0 - Glib Byte Arrays Function Interfaces.....
16-10 libglib-2.0 - Glib Caches Function Interfaces.....
16-11 libglib-2.0 - Glib Caches Deprecated Function Interfaces.....
16-12 libglib-2.0 - Glib Character Set Conversion Function Interfaces.....
16-13 libglib-2.0 - Glib Commandline Option Parser Function Interfaces.....
16-14 libglib-2.0 - Glib Datasets Function Interfaces.....
16-15 libglib-2.0 - Glib Date and Time Functions Function Interfaces.....
16-16 libglib-2.0 - Glib Double-Ended Queues Function Interfaces.....
16-17 libglib-2.0 - Glib Doubly-Linked Lists Function Interfaces.....
16-18 libglib-2.0 - Glib Error Reporting Function Interfaces.....
16-19 libglib-2.0 - Glib File Utilities Function Interfaces.....
16-20 libglib-2.0 - Glib Glob-Style Pattern Matching Function Interfaces.....
16-21 libglib-2.0 - Glib Hash Tables Function Interfaces.....
16-22 libglib-2.0 - Glib Hook Functions Function Interfaces.....
16-23 libglib-2.0 - Glib IO Channels Function Interfaces.....
16-24 libglib-2.0 - Glib Internationalization Function Interfaces.....
16-25 libglib-2.0 - Glib Key-Value File Parser Function Interfaces.....
16-26 libglib-2.0 - Glib Keyed Data Lists Function Interfaces.....
16-27 libglib-2.0 - Glib Lexical Scanner Function Interfaces.....
16-28 libglib-2.0 - Glib Memory Allocation Function Interfaces.....
16-29 libglib-2.0 - Glib Memory Allocators Function Interfaces.....
16-30 libglib-2.0 - Glib Memory Chunks Function Interfaces.....
16-31 libglib-2.0 - Glib Message Logging Function Interfaces.....
16-32 libglib-2.0 - Glib Message Output and Debugging Functions Function Interfaces.....
16-33 libglib-2.0 - Glib Miscellaneous Utility Functions Function Interfaces.....
16-34 libglib-2.0 - Glib N-ary Trees Function Interfaces.....
16-35 libglib-2.0 - Glib Pointer Arrays Function Interfaces.....
16-36 libglib-2.0 - Glib Quarks Function Interfaces.....
16-37 libglib-2.0 - Glib Random Numbers Function Interfaces.....
16-38 libglib-2.0 - Glib Relations and Tuples Function Interfaces.....
16-39 libglib-2.0 - Glib Shell-related Utilities Function Interfaces.....
16-40 libglib-2.0 - Glib Simple XML Subset Parser Function Interfaces.....
16-41 libglib-2.0 - Glib Singly-Linked Lists Function Interfaces.....
16-42 libglib-2.0 - Glib Spawning Processes Function Interfaces.....
16-43 libglib-2.0 - Glib String Chunks Function Interfaces.....
16-44 libglib-2.0 - Glib String Utility Functions Function Interfaces.....
16-45 libglib-2.0 - Glib Strings Function Interfaces.....
16-46 libglib-2.0 - Glib - The Main Event Loop Function Interfaces.....
16-47 libglib-2.0 - Glib Thread Pools Function Interfaces.....
16-48 libglib-2.0 - Glib Threads Function Interfaces.....
16-49 libglib-2.0 - Glib Timers Function Interfaces.....
16-50 libglib-2.0 - Glib Trash Stacks Function Interfaces.....
16-51 libglib-2.0 - Glib Unicode Manipulation Function Interfaces.....
16-52 libglib-2.0 - Glib Version Information Function Interfaces.....
16-53 libglib-2.0 - Glib Version Information Data Interfaces.....
16-54 libgobject-2.0 Definition.....

© 2008 Linux Foundation

16-55 libgobject-2.0 - Gobject GTypeModule Function Interfaces
16-56 libgobject-2.0 - Gobject Enums and Flags Function Interfaces
16-57 libgobject-2.0 - Gobject Signals Function Interfaces
16-58 libgobject-2.0 - Gobject Value arrays Function Interfaces
16-59 libgobject-2.0 - Gobject Generic Values Function Interfaces
16-60 libgobject-2.0 - Gobject Parameters and Values Function Interfaces
16-61 libgobject-2.0 - Gobject Parameters and Values Data Interfaces
16-62 libgobject-2.0 - Gobject GParamSpec Function Interfaces
16-63 libgobject-2.0 - Gobject GBoxed Function Interfaces
16-64 libgobject-2.0 - Gobject Closures Function Interfaces
16-65 libgobject-2.0 - Gobject Gobject Function Interfaces
16-66 libgobject-2.0 - Gobject GType Function Interfaces
16-67 libgobject-2.0 - Gobject GTypePlugin Function Interfaces
16-68 libgmodule-2.0 Definition
16-69 libgmodule-2.0 - Glib-Dynamic loading of Modules Function Interfaces
16-70 libgthread-2.0 Definition
16-71 libgthread-2.0 - Glib thread abstraction Function Interfaces
16-72 libatk-1.0 Definition
16-73 libatk-1.0 - GTK Accessibility Toolkit Function Interfaces
16-74 libpango-1.0 Definition
16-75 libpango-1.0 - GTK Internationalized Text Layout and Rendering library Function Interfaces
16-76 libpangocairo-1.0 Definition
16-77 libpangocairo-1.0 - Pango Cairo Rendering Function Interfaces
16-78 libpangoxft-1.0 Definition
16-79 libpangoxft-1.0 - Pango Xft Fonts and Rendering library Function Interfaces
16-80 libpangoft2-1.0 Definition
16-81 libpangoft2-1.0 - Pango Freetype Fonts and Rendering library Function Interfaces
16-82 libgdk_pixbuf-2.0 Definition
16-83 libgdk_pixbuf-2.0 - GDK pixbuf rendering on drawables library Function Interfaces
16-84 libgdk_pixbuf-2.0 - GDK pixbuf rendering on drawables library Data Interfaces
16-85 libgdk_pixbuf_xlib-2.0 Definition
16-86 libgdk_pixbuf_xlib-2.0 - GDK pixbuf rendering to an X drawable library Function Interfaces
16-87 libgdk-x11-2.0 Definition
16-88 libgdk-x11-2.0 - GTK Drawing toolkit Function Interfaces
16-89 libgdk-x11-2.0 - GTK Drawing toolkit Data Interfaces
16-90 libgtk-x11-2.0 Definition
16-91 libgtk-x11-2.0 - GTK main Widgets library Function Interfaces
16-92 libgtk-x11-2.0 - GTK main Widgets library Deprecated Function Interfaces
16-93 libgtk-x11-2.0 - GTK main Widgets library Data Interfaces
17-1 libQtCore Definition
17-2 Primary vtable for QDynamicPropertyChangeEvent
17-3 Primary vtable for QTimeLine
17-4 libQtCore - Qt4 Core Functions Function Interfaces
17-5 libQtCore - Qt4 Core Functions Data Interfaces
17-6 Primary vtable for QAbstractItemModel
17-7 typeinfo for QAbstractItemModel
17-8 Primary vtable for QAbstractTableModel

17-9 typeinfo for QAbstractTableModel
17-10 Primary vtable for QAbstractListModel
17-11 typeinfo for QAbstractListModel
17-12 libQtCore - Qt4 Models Function Interfaces
17-13 Primary vtable for QTextCodec
17-14 typeinfo for QTextCodec
17-15 Primary vtable for QTextCodecFactoryInterface
17-16 typeinfo for QTextCodecFactoryInterface
17-17 Primary vtable for QTranslator
17-18 typeinfo for QTranslator
17-19 Primary vtable for QSystemLocale
17-20 libQtCore - Qt4 Internationalization Function Interfaces
17-21 Primary vtable for QMimeData
17-22 typeinfo for QMimeData
17-23 libQtCore - Qt4 Containers Function Interfaces
17-24 Primary vtable for QEventLoop
17-25 typeinfo for QEventLoop
17-26 Primary vtable for QEvent
17-27 typeinfo for QEvent
17-28 Primary vtable for QTimerEvent
17-29 typeinfo for QTimerEvent
17-30 Primary vtable for QChildEvent
17-31 typeinfo for QChildEvent
17-32 Primary vtable for QCustomEvent
17-33 typeinfo for QCustomEvent
17-34 Primary vtable for QAbstractEventDispatcher
17-35 typeinfo for QAbstractEventDispatcher
17-36 libQtCore - Qt4 Events Function Interfaces
17-37 libQtCore - Qt4 Arrays Function Interfaces
17-38 Primary vtable for QTextCodecPlugin
17-39 typeinfo for QTextCodecPlugin
17-40 Primary vtable for QPluginLoader
17-41 typeinfo for QPluginLoader
17-42 Primary vtable for QLibrary
17-43 typeinfo for QLibrary
17-44 libQtCore - Qt4 Plugins Function Interfaces
17-45 Primary vtable for QTimer
17-46 typeinfo for QTimer
17-47 libQtCore - Qt4 Date and Time Function Interfaces
17-48 Primary vtable for QFactoryInterface
17-49 typeinfo for QFactoryInterface
17-50 libQtCore - Qt4 Miscellaneous Function Interfaces
17-51 libQtCore - Qt4 Text Function Interfaces
17-52 Primary vtable for QIODevice
17-53 typeinfo for QIODevice
17-54 Primary vtable for QDataStream
17-55 typeinfo for QDataStream
17-56 Primary vtable for QTextStream
17-57 typeinfo for QTextStream
17-58 Primary vtable for QFile
17-59 typeinfo for QFile
17-60 Primary vtable for QTemporaryFile
17-61 typeinfo for QTemporaryFile

© 2008 Linux Foundation

17-62 Primary vtable for QAbstractFileEngine
17-63 typeinfo for QAbstractFileEngine
17-64 Primary vtable for QAbstractFileEngineHandler
17-65 typeinfo for QAbstractFileEngineHandler
17-66 Primary vtable for QFSFileEngine
17-67 typeinfo for QFSFileEngine
17-68 Primary vtable for QProcess
17-69 typeinfo for QProcess
17-70 Primary vtable for QBuffer
17-71 typeinfo for QBuffer
17-72 Primary vtable for QSettings
17-73 typeinfo for QSettings
17-74 Primary vtable for QSignalMapper
17-75 typeinfo for QSignalMapper
17-76 Primary vtable for QSocketNotifier
17-77 typeinfo for QSocketNotifier
17-78 Primary vtable for QFileSystemWatcher
17-79 libQtCore - Qt4 Input/Output Function Interfaces
17-80 Primary vtable for QCoreApplication
17-81 typeinfo for QCoreApplication
17-82 libQtCore - Qt4 Core Application Function Interfaces
17-83 libQtCore - Qt4 Core Application Deprecated Function Interfaces
17-84 Primary vtable for QObject
17-85 typeinfo for QObject
17-86 Primary vtable for QObjectUserData
17-87 typeinfo for QObjectUserData
17-88 Primary vtable for QObjectCleanupHandler
17-89 typeinfo for QObjectCleanupHandler
17-90 libQtCore - Qt4 Object Model Function Interfaces
17-91 Primary vtable for QThread
17-92 typeinfo for QThread
17-93 libQtCore - Qt4 Threading Function Interfaces
17-94 libQtCore - Qt4 2D Graphics Function Interfaces
17-95 libQtCore - Qt4 Internals Function Interfaces
17-96 libQtGui Definition
17-97 libQtGui - Qt4 GUI Functions Function Interfaces
17-98 libQtGui - Qt4 GUI Functions Data Interfaces
17-99 Primary vtable for QButtonGroup
17-100 typeinfo for QButtonGroup
17-101 Primary vtable for QGroupBox
17-102 typeinfo for QGroupBox
17-103 Primary vtable for QSplitter
17-104 typeinfo for QSplitter
17-105 Primary vtable for QSplitterHandle
17-106 typeinfo for QSplitterHandle
17-107 libQtGui - Qt4 Organizers Function Interfaces
17-108 Primary vtable for QInputEvent
17-109 typeinfo for QInputEvent
17-110 Primary vtable for QMouseEvent
17-111 typeinfo for QMouseEvent
17-112 Primary vtable for QHoverEvent
17-113 typeinfo for QHoverEvent
17-114 Primary vtable for QWheelEvent

17-115 typeinfo for QWheelEvent
17-116 Primary vtable for QTabletEvent
17-117 typeinfo for QTabletEvent
17-118 Primary vtable for QKeyEvent
17-119 typeinfo for QKeyEvent
17-120 Primary vtable for QFocusEvent
17-121 typeinfo for QFocusEvent
17-122 Primary vtable for QPaintEvent
17-123 typeinfo for QPaintEvent
17-124 Primary vtable for QMoveEvent
17-125 typeinfo for QMoveEvent
17-126 Primary vtable for QResizeEvent
17-127 typeinfo for QResizeEvent
17-128 Primary vtable for QCloseEvent
17-129 typeinfo for QCloseEvent
17-130 Primary vtable for QIconDragEvent
17-131 typeinfo for QIconDragEvent
17-132 Primary vtable for QShowEvent
17-133 typeinfo for QShowEvent
17-134 Primary vtable for QHideEvent
17-135 typeinfo for QHideEvent
17-136 Primary vtable for QContextMenuEvent
17-137 typeinfo for QContextMenuEvent
17-138 Primary vtable for QInputMethodEvent
17-139 typeinfo for QInputMethodEvent
17-140 Primary vtable for QHelpEvent
17-141 typeinfo for QHelpEvent
17-142 Primary vtable for QStatusTipEvent
17-143 typeinfo for QStatusTipEvent
17-144 Primary vtable for QWhatsThisClickedEvent
17-145 typeinfo for QWhatsThisClickedEvent
17-146 Primary vtable for QActionEvent
17-147 typeinfo for QActionEvent
17-148 Primary vtable for QFileOpenEvent
17-149 typeinfo for QFileOpenEvent
17-150 Primary vtable for QToolBarChangeEvent
17-151 typeinfo for QToolBarChangeEvent
17-152 Primary vtable for QShortcutEvent
17-153 typeinfo for QShortcutEvent
17-154 Primary vtable for QClipboardEvent
17-155 typeinfo for QClipboardEvent
17-156 Primary vtable for QWindowStateChangeEvent
17-157 typeinfo for QWindowStateChangeEvent
17-158 Primary vtable for QMenubarUpdatedEvent
17-159 typeinfo for QMenubarUpdatedEvent
17-160 libQtGui - Qt4 Events Function Interfaces
17-161 libQtGui - Qt4 Fonts Function Interfaces
17-162 libQtGui - Qt4 Colors Function Interfaces
17-163 Primary vtable for QAccessibleBridgeFactoryInterface
17-164 typeinfo for QAccessibleBridgeFactoryInterface
17-165 Primary vtable for QAccessibleBridgePlugin
17-166 typeinfo for QAccessibleBridgePlugin
17-167 Primary vtable for QAccessibleInterface

17-168 typeinfo for QAccessibleInterface
17-169 Primary vtable for QAccessibleObject
17-170 typeinfo for QAccessibleObject
17-171 Primary vtable for QAccessibleApplication
17-172 typeinfo for QAccessibleApplication
17-173 Primary vtable for QAccessibleWidget
17-174 typeinfo for QAccessibleWidget
17-175 Primary vtable for QAccessibleFactoryInterface
17-176 typeinfo for QAccessibleFactoryInterface
17-177 Primary vtable for QAccessiblePlugin
17-178 typeinfo for QAccessiblePlugin
17-179 libQtGui - Qt4 Accessibility Function Interfaces
17-180 Primary vtable for QValidator
17-181 typeinfo for QValidator
17-182 Primary vtable for QIntValidator
17-183 typeinfo for QIntValidator
17-184 Primary vtable for QDoubleValidator
17-185 typeinfo for QDoubleValidator
17-186 Primary vtable for QRegExpValidator
17-187 typeinfo for QRegExpValidator
17-188 libQtGui - Qt4 Validators Function Interfaces
17-189 Primary vtable for QImageIOPlugin
17-190 typeinfo for QImageIOPlugin
17-191 Primary vtable for QIconEnginePlugin
17-192 typeinfo for QIconEnginePlugin
17-193 Primary vtable for QPictureFormatPlugin
17-194 typeinfo for QPictureFormatPlugin
17-195 Primary vtable for QStylePlugin
17-196 typeinfo for QStylePlugin
17-197 Primary vtable for QInputContextPlugin
17-198 typeinfo for QInputContextPlugin
17-199 libQtGui - Qt4 Plugins Function Interfaces
17-200 Primary vtable for QAbstractTextDocumentLayout
17-201 typeinfo for QAbstractTextDocumentLayout
17-202 Primary vtable for QAbstractPageSetupDialog
17-203 typeinfo for QAbstractPageSetupDialog
17-204 Primary vtable for QAbstractPrintDialog
17-205 typeinfo for QAbstractPrintDialog
17-206 Primary vtable for QItemSelectionModel
17-207 typeinfo for QItemSelectionModel
17-208 Primary vtable for QAbstractScrollArea
17-209 typeinfo for QAbstractScrollArea
17-210 Primary vtable for QAbstractSpinBox
17-211 typeinfo for QAbstractSpinBox
17-212 Primary vtable for QAbstractSlider
17-213 typeinfo for QAbstractSlider
17-214 Primary vtable for QAbstractItemDelegate
17-215 typeinfo for QAbstractItemDelegate
17-216 Primary vtable for QAbstractItemView
17-217 typeinfo for QAbstractItemView
17-218 Primary vtable for QStringListModel
17-219 typeinfo for QStringListModel
17-220 Primary vtable for QDirModel

17-221 typeinfo for QDirModel
17-222 Primary vtable for QStandardItemModel
17-223 typeinfo for QStandardItemModel
17-224 Primary vtable for QAbstractProxyModel
17-225 typeinfo for QAbstractProxyModel
17-226 Primary vtable for QSortFilterProxyModel
17-227 typeinfo for QSortFilterProxyModel
17-228 Primary vtable for QItemDelegate
17-229 typeinfo for QItemDelegate
17-230 Primary vtable for QTableView
17-231 typeinfo for QTableView
17-232 Primary vtable for QTableWidgetItem
17-233 typeinfo for QTableWidgetItem
17-234 Primary vtable for QTableWidget
17-235 typeinfo for QTableWidget
17-236 Primary vtable for QTreeView
17-237 typeinfo for QTreeView
17-238 Primary vtable for QProxyModel
17-239 typeinfo for QProxyModel
17-240 Primary vtable for QHeaderView
17-241 typeinfo for QHeaderView
17-242 Primary vtable for QItemEditorFactory
17-243 typeinfo for QItemEditorFactory
17-244 Primary vtable for QTreeWidgetItem
17-245 typeinfo for QTreeWidgetItem
17-246 Primary vtable for QTreeWidget
17-247 typeinfo for QTreeWidget
17-248 Primary vtable for QAbstractButton
17-249 typeinfo for QAbstractButton
17-250 Primary vtable for QAbstractGraphicsShapeItem
17-251 Primary vtable for QCompleter
17-252 Primary vtable for QDataWidgetMapper
17-253 Primary vtable for QStandardItem
17-254 libQtGui - Qt4 Models and Views Function Interfaces
17-255 Primary vtable for QDialog
17-256 typeinfo for QDialog
17-257 Primary vtable for QColorDialog
17-258 typeinfo for QColorDialog
17-259 Primary vtable for QFontDialog
17-260 typeinfo for QFontDialog
17-261 Primary vtable for QMessageBox
17-262 typeinfo for QMessageBox
17-263 Primary vtable for QProgressDialog
17-264 typeinfo for QProgressDialog
17-265 Primary vtable for QErrorMessage
17-266 typeinfo for QErrorMessage
17-267 Primary vtable for QFileDialog
17-268 typeinfo for QFileDialog
17-269 Primary vtable for QPrintDialog
17-270 typeinfo for QPrintDialog
17-271 Primary vtable for QPageSetupDialog
17-272 typeinfo for QPageSetupDialog
17-273 Primary vtable for QInputDialog

© 2008 Linux Foundation

17-274 typeinfo for QInputDialog
17-275 Primary vtable for QFileIconProvider
17-276 typeinfo for QFileIconProvider
17-277 libQtGui - Qt4 Dialogs Function Interfaces
17-278 Primary vtable for QDateTimeEdit
17-279 typeinfo for QDateTimeEdit
17-280 Primary vtable for QTimeEdit
17-281 typeinfo for QTimeEdit
17-282 Primary vtable for QDateEdit
17-283 typeinfo for QDateEdit
17-284 libQtGui - Qt4 Date and Time Function Interfaces
17-285 Primary vtable for QRubberBand
17-286 typeinfo for QRubberBand
17-287 Primary vtable for QShortcut
17-288 typeinfo for QShortcut
17-289 Primary vtable for QSplashScreen
17-290 typeinfo for QSplashScreen
17-291 Primary vtable for QUndoCommand
17-292 Primary vtable for QUndoStack
17-293 libQtGui - Qt4 Miscellaneous Function Interfaces
17-294 Primary vtable for QPaintDevice
17-295 typeinfo for QPaintDevice
17-296 Primary vtable for QPixmap
17-297 typeinfo for QPixmap
17-298 Primary vtable for QPicture
17-299 typeinfo for QPicture
17-300 Primary vtable for QBitmap
17-301 typeinfo for QBitmap
17-302 Primary vtable for QPictureFormatInterface
17-303 typeinfo for QPictureFormatInterface
17-304 Primary vtable for QPrinter
17-305 typeinfo for QPrinter
17-306 Primary vtable for QPrintEngine
17-307 typeinfo for QPrintEngine
17-308 libQtGui - Qt4 Paint Device Function Interfaces
17-309 Primary vtable for QImage
17-310 typeinfo for QImage
17-311 Primary vtable for QImageIOHandler
17-312 typeinfo for QImageIOHandler
17-313 Primary vtable for QImageIOHandlerFactoryInterface
17-314 typeinfo for QImageIOHandlerFactoryInterface
17-315 Primary vtable for QMovie
17-316 typeinfo for QMovie
17-317 Primary vtable for QSound
17-318 typeinfo for QSound
17-319 libQtGui - Qt4 Multimedia Function Interfaces
17-320 Primary vtable for QLayoutItem
17-321 typeinfo for QLayoutItem
17-322 Primary vtable for QSpacerItem
17-323 typeinfo for QSpacerItem
17-324 Primary vtable for QWidgetItem
17-325 typeinfo for QWidgetItem
17-326 Primary vtable for QLayout

© 2008 Linux Foundation

17-327 typeinfo for QLayout
17-328 Primary vtable for QGridLayout
17-329 typeinfo for QGridLayout
17-330 Primary vtable for QBoxLayout
17-331 typeinfo for QBoxLayout
17-332 Primary vtable for QHBoxLayout
17-333 typeinfo for QHBoxLayout
17-334 Primary vtable for QVBoxLayout
17-335 typeinfo for QVBoxLayout
17-336 Primary vtable for QStackedLayout
17-337 typeinfo for QStackedLayout
17-338 libQtGui - Qt4 Layouts Function Interfaces
17-339 Primary vtable for QStyle
17-340 typeinfo for QStyle
17-341 Primary vtable for QCommonStyle
17-342 typeinfo for QCommonStyle
17-343 Primary vtable for QMotifStyle
17-344 typeinfo for QMotifStyle
17-345 Primary vtable for QStyleFactoryInterface
17-346 typeinfo for QStyleFactoryInterface
17-347 Primary vtable for QWindowsStyle
17-348 typeinfo for QWindowsStyle
17-349 Primary vtable for QCDEStyle
17-350 typeinfo for QCDEStyle
17-351 Primary vtable for QPlastiqueStyle
17-352 typeinfo for QPlastiqueStyle
17-353 Primary vtable for QCleanlooksStyle
17-354 libQtGui - Qt4 Style Function Interfaces
17-355 Primary vtable for QTextObject
17-356 typeinfo for QTextObject
17-357 Primary vtable for QTextBlockGroup
17-358 typeinfo for QTextBlockGroup
17-359 Primary vtable for QTextFrameLayoutData
17-360 typeinfo for QTextFrameLayoutData
17-361 Primary vtable for QTextFrame
17-362 typeinfo for QTextFrame
17-363 Primary vtable for QTextBlockUserData
17-364 typeinfo for QTextBlockUserData
17-365 Primary vtable for QTextDocument
17-366 typeinfo for QTextDocument
17-367 Primary vtable for QTextTable
17-368 typeinfo for QTextTable
17-369 Primary vtable for QTextList
17-370 typeinfo for QTextList
17-371 Primary vtable for QTextObjectInterface
17-372 typeinfo for QTextObjectInterface
17-373 Primary vtable for QSyntaxHighlighter
17-374 typeinfo for QSyntaxHighlighter
17-375 libQtGui - Qt4 Text Function Interfaces
17-376 Primary vtable for QClipboard
17-377 typeinfo for QClipboard
17-378 Primary vtable for QSessionManager
17-379 typeinfo for QSessionManager

17-380 Primary vtable for QApplication
17-381 typeinfo for QApplication
17-382 Primary vtable for QAction
17-383 typeinfo for QAction
17-384 Primary vtable for QActionGroup
17-385 typeinfo for QActionGroup
17-386 Primary vtable for QWorkspace
17-387 typeinfo for QWorkspace
17-388 Primary vtable for QSizeGrip
17-389 typeinfo for QSizeGrip
17-390 Primary vtable for QStatusBar
17-391 typeinfo for QStatusBar
17-392 Primary vtable for QToolBar
17-393 typeinfo for QToolBar
17-394 Primary vtable for QWidgetAction
17-395 typeinfo for QWidgetAction
17-396 libQtGui - Qt4 Main Window and Application Function Interfaces
17-397 Primary vtable for QMenu
17-398 typeinfo for QMenu
17-399 Primary vtable for QMenuItem
17-400 typeinfo for QMenuItem
17-401 Primary vtable for QMenuBar
17-402 typeinfo for QMenuBar
17-403 libQtGui - Qt4 Menus Function Interfaces
17-404 Primary vtable for QWidget
17-405 typeinfo for QWidget
17-406 Primary vtable for QFrame
17-407 typeinfo for QFrame
17-408 Primary vtable for QLineEdit
17-409 typeinfo for QLineEdit
17-410 Primary vtable for QSlider
17-411 typeinfo for QSlider
17-412 Primary vtable for QTabBar
17-413 typeinfo for QTabBar
17-414 Primary vtable for QTabWidget
17-415 typeinfo for QTabWidget
17-416 Primary vtable for QListView
17-417 typeinfo for QListView
17-418 Primary vtable for QListWidgetItem
17-419 typeinfo for QListWidgetItem
17-420 Primary vtable for QListWidget
17-421 typeinfo for QListWidget
17-422 Primary vtable for QDesktopWidget
17-423 typeinfo for QDesktopWidget
17-424 Primary vtable for QInputContextFactoryInterface
17-425 typeinfo for QInputContextFactoryInterface
17-426 Primary vtable for QInputContext
17-427 typeinfo for QInputContext
17-428 Primary vtable for QCheckBox
17-429 typeinfo for QCheckBox
17-430 Primary vtable for QSpinBox
17-431 typeinfo for QSpinBox
17-432 Primary vtable for QDoubleSpinBox

17-433 typeinfo for QDoubleSpinBox
17-434 Primary vtable for QLCDNumber
17-435 typeinfo for QLCDNumber
17-436 Primary vtable for QStackedWidget
17-437 typeinfo for QStackedWidget
17-438 Primary vtable for QPushButton
17-439 typeinfo for QPushButton
17-440 Primary vtable for QLabel
17-441 typeinfo for QLabel
17-442 Primary vtable for QDockWidget
17-443 typeinfo for QDockWidget
17-444 Primary vtable for QMainWindow
17-445 typeinfo for QMainWindow
17-446 Primary vtable for QTextEdit
17-447 typeinfo for QTextEdit
17-448 Primary vtable for QProgressBar
17-449 typeinfo for QProgressBar
17-450 Primary vtable for QScrollBar
17-451 typeinfo for QScrollBar
17-452 Primary vtable for QTextBrowser
17-453 typeinfo for QTextBrowser
17-454 Primary vtable for QScrollArea
17-455 typeinfo for QScrollArea
17-456 Primary vtable for QToolButton
17-457 typeinfo for QToolButton
17-458 Primary vtable for QComboBox
17-459 typeinfo for QComboBox
17-460 Primary vtable for QRadioButton
17-461 typeinfo for QRadioButton
17-462 Primary vtable for QFocusFrame
17-463 typeinfo for QFocusFrame
17-464 Primary vtable for QToolBox
17-465 typeinfo for QToolBox
17-466 Primary vtable for QDial
17-467 typeinfo for QDial
17-468 Primary vtable for QSystemTrayIcon
17-469 libQtGui - Qt4 Widgets Function Interfaces
17-470 Primary vtable for QMimeSource
17-471 typeinfo for QMimeSource
17-472 Primary vtable for QDrag
17-473 typeinfo for QDrag
17-474 Primary vtable for QDropEvent
17-475 typeinfo for QDropEvent
17-476 Primary vtable for QDragMoveEvent
17-477 typeinfo for QDragMoveEvent
17-478 Primary vtable for QDragEnterEvent
17-479 typeinfo for QDragEnterEvent
17-480 Primary vtable for QDragResponseEvent
17-481 typeinfo for QDragResponseEvent
17-482 Primary vtable for QDragLeaveEvent
17-483 typeinfo for QDragLeaveEvent
17-484 libQtGui - Qt4 Drag and Drop Function Interfaces
17-485 Primary vtable for QIconEngineFactoryInterface

17-486 typeinfo for QIconEngineFactoryInterface
17-487 Primary vtable for QIconEngine
17-488 typeinfo for QIconEngine
17-489 Primary vtable for QPaintEngine
17-490 typeinfo for QPaintEngine
17-491 Primary vtable for QGraphicsEllipseItem
17-492 Primary vtable for QGraphicsItem
17-493 Primary vtable for QGraphicsItemAnimation
17-494 Primary vtable for QGraphicsItemGroup
17-495 Primary vtable for QGraphicsLineItem
17-496 Primary vtable for QGraphicsPathItem
17-497 Primary vtable for QGraphicsPixmapItem
17-498 Primary vtable for QGraphicsPolygonItem
17-499 Primary vtable for QGraphicsRectItem
17-500 Primary vtable for QGraphicsScene
17-501 typeinfo for QGraphicsScene
17-502 Primary vtable for QGraphicsSceneContextMenuEvent
17-503 Primary vtable for QGraphicsSceneDragDropEvent
17-504 Primary vtable for QGraphicsSceneEvent
17-505 Primary vtable for QGraphicsSceneHelpEvent
17-506 Primary vtable for QGraphicsSceneHoverEvent
17-507 Primary vtable for QGraphicsSceneMouseEvent
17-508 Primary vtable for QGraphicsSceneWheelEvent
17-509 Primary vtable for QGraphicsSimpleTextItem
17-510 libQtGui - Qt4 2D Graphics Function Interfaces
17-511 libQtXml Definition
17-512 Primary vtable for QXmlAttributes
17-513 typeinfo for QXmlAttributes
17-514 Primary vtable for QXmlInputSource
17-515 typeinfo for QXmlInputSource
17-516 Primary vtable for QXmlReader
17-517 typeinfo for QXmlReader
17-518 Primary vtable for QXmlSimpleReader
17-519 typeinfo for QXmlSimpleReader
17-520 Primary vtable for QXmlLocator
17-521 typeinfo for QXmlLocator
17-522 Primary vtable for QXmlContentHandler
17-523 typeinfo for QXmlContentHandler
17-524 Primary vtable for QXmlErrorHandler
17-525 typeinfo for QXmlErrorHandler
17-526 Primary vtable for QXmlDTDHandler
17-527 typeinfo for QXmlDTDHandler
17-528 Primary vtable for QXmlEntityResolver
17-529 typeinfo for QXmlEntityResolver
17-530 Primary vtable for QXmlLexicalHandler
17-531 typeinfo for QXmlLexicalHandler
17-532 Primary vtable for QXmlDeclHandler
17-533 typeinfo for QXmlDeclHandler
17-534 Primary vtable for QXmlDefaultHandler
17-535 typeinfo for QXmlDefaultHandler
17-536 libQtXml - Qt4 XML Function Interfaces
17-537 libQtXml - Qt4 XML Data Interfaces
17-538 libQtOpenGL Definition

17-539 Primary vtable for QGLContext
17-540 typeinfo for QGLContext
17-541 Primary vtable for QGLWidget
17-542 typeinfo for QGLWidget
17-543 Primary vtable for QGLPixelBuffer
17-544 typeinfo for QGLPixelBuffer
17-545 Primary vtable for QGLFramebufferObject
17-546 typeinfo for QGLFramebufferObject
17-547 libQtOpenGL - Qt4 OpenGL Function Interfaces
17-548 libQtOpenGL - Qt4 OpenGL Data Interfaces
17-549 libQtSql Definition
17-550 Primary vtable for QSqlResult
17-551 typeinfo for QSqlResult
17-552 Primary vtable for QSqlDriverFactoryInterface
17-553 typeinfo for QSqlDriverFactoryInterface
17-554 Primary vtable for QSqlDriverPlugin
17-555 typeinfo for QSqlDriverPlugin
17-556 Primary vtable for QSqlDriver
17-557 typeinfo for QSqlDriver
17-558 Primary vtable for QSqlQueryModel
17-559 typeinfo for QSqlQueryModel
17-560 Primary vtable for QSqlTableModel
17-561 typeinfo for QSqlTableModel
17-562 Primary vtable for QSqlRelationalTableModel
17-563 typeinfo for QSqlRelationalTableModel
17-564 libQtSql - Qt4 SQL Function Interfaces
17-565 libQtSql - Qt4 SQL Data Interfaces
17-566 libQtSvg Definition
17-567 Primary vtable for QSvgRenderer
17-568 typeinfo for QSvgRenderer
17-569 Primary vtable for QSvgWidget
17-570 typeinfo for QSvgWidget
17-571 libQtSvg - Qt4 Svg Function Interfaces
17-572 libQtSvg - Qt4 Svg Data Interfaces
17-573 libQtNetwork Definition
17-574 Primary vtable for QHttpHeader
17-575 typeinfo for QHttpHeader
17-576 Primary vtable for QHttpResponseHeader
17-577 typeinfo for QHttpResponseHeader
17-578 Primary vtable for QHttpRequestHeader
17-579 typeinfo for QHttpRequestHeader
17-580 Primary vtable for QHttp
17-581 typeinfo for QHttp
17-582 Primary vtable for QAbstractSocket
17-583 typeinfo for QAbstractSocket
17-584 Primary vtable for QUrlInfo
17-585 typeinfo for QUrlInfo
17-586 Primary vtable for QFtp
17-587 typeinfo for QFtp
17-588 Primary vtable for QTcpServer
17-589 typeinfo for QTcpServer
17-590 Primary vtable for QUdpSocket
17-591 typeinfo for QUdpSocket

17-592 Primary vtable for QTcpSocket
17-593 typeinfo for QTcpSocket
17-594 libQtNetwork - Qt4 Network Function Interfaces
17-595 libQtNetwork - Qt4 Network Data Interfaces
18-1 libqt-mt Definition
18-2 Primary vtable for QNetworkProtocolFactoryBase
18-3 typeinfo for QNetworkProtocolFactoryBase
18-4 libqt-mt - Qt Function Interfaces
18-5 libqt-mt - Qt Data Interfaces
18-6 Primary vtable for QPointArray
18-7 typeinfo for QPointArray
18-8 Primary vtable for QBitArray
18-9 typeinfo for QBitArray
18-10 libqt-mt - Qt3 Arrays Function Interfaces
18-11 libqt-mt - Qt3 Arrays Data Interfaces
18-12 Primary vtable for QPtrCollection
18-13 typeinfo for QPtrCollection
18-14 Primary vtable for QObjectList
18-15 typeinfo for QObjectList
18-16 libqt-mt - Qt3 Pointer Collection Function Interfaces
18-17 libqt-mt - Qt3 Pointer Collection Data Interfaces
18-18 libqt-mt - Qt3 Template Library Function Interfaces
18-19 libqt-mt - Qt3 COM Function Interfaces
18-20 libqt-mt - Qt3 COM Data Interfaces
18-21 Primary vtable for QTimer
18-22 typeinfo for QTimer
18-23 Primary vtable for QDateTimeEdit
18-24 typeinfo for QDateTimeEdit
18-25 Primary vtable for QDateTimeEditBase
18-26 typeinfo for QDateTimeEditBase
18-27 Primary vtable for QDateEdit
18-28 typeinfo for QDateEdit
18-29 Primary vtable for QTimeEdit
18-30 typeinfo for QTimeEdit
18-31 libqt-mt - Qt3 Date and Time Function Interfaces
18-32 libqt-mt - Qt3 Date and Time Data Interfaces
18-33 Primary vtable for QCanvasItem
18-34 typeinfo for QCanvasItem
18-35 Primary vtable for QCanvasSprite
18-36 typeinfo for QCanvasSprite
18-37 Primary vtable for QCanvasPolygonalItem
18-38 typeinfo for QCanvasPolygonalItem
18-39 Primary vtable for QCanvasRectangle
18-40 typeinfo for QCanvasRectangle
18-41 Primary vtable for QCanvasView
18-42 typeinfo for QCanvasView
18-43 Primary vtable for QCanvasEllipse
18-44 typeinfo for QCanvasEllipse
18-45 Primary vtable for QCanvasPixmap
18-46 typeinfo for QCanvasPixmap
18-47 Primary vtable for QCanvasLine
18-48 typeinfo for QCanvasLine
18-49 Primary vtable for QCanvasSpline

18-50 typeinfo for QCanvasSpline
18-51 Primary vtable for QCanvasText
18-52 typeinfo for QCanvasText
18-53 Primary vtable for QCanvasPolygon
18-54 typeinfo for QCanvasPolygon
18-55 Primary vtable for QCanvas
18-56 typeinfo for QCanvas
18-57 libqt-mt - Qt3 Canvas Function Interfaces
18-58 libqt-mt - Qt3 Canvas Data Interfaces
18-59 Primary vtable for QImageDrag
18-60 typeinfo for QImageDrag
18-61 Primary vtable for QDragLeaveEvent
18-62 typeinfo for QDragLeaveEvent
18-63 Primary vtable for QColorDrag
18-64 typeinfo for QColorDrag
18-65 Primary vtable for QDragResponseEvent
18-66 typeinfo for QDragResponseEvent
18-67 Primary vtable for QIconDrag
18-68 typeinfo for QIconDrag
18-69 Primary vtable for QUriDrag
18-70 typeinfo for QUriDrag
18-71 Primary vtable for QDropSite
18-72 typeinfo for QDropSite
18-73 Primary vtable for QStoredDrag
18-74 typeinfo for QStoredDrag
18-75 Primary vtable for QTextDrag
18-76 typeinfo for QTextDrag
18-77 Primary vtable for QDragEnterEvent
18-78 typeinfo for QDragEnterEvent
18-79 Primary vtable for QDragMoveEvent
18-80 typeinfo for QDragMoveEvent
18-81 Primary vtable for QDropEvent
18-82 typeinfo for QDropEvent
18-83 Primary vtable for QDragObject
18-84 typeinfo for QDragObject
18-85 Primary vtable for QIconDragItem
18-86 typeinfo for QIconDragItem
18-87 libqt-mt - Qt3 Drag and Drop Function Interfaces
18-88 libqt-mt - Qt3 Drag and Drop Data Interfaces
18-89 Primary vtable for QContextMenuEvent
18-90 typeinfo for QContextMenuEvent
18-91 Primary vtable for QIMEvent
18-92 typeinfo for QIMEvent
18-93 Primary vtable for QTimerEvent
18-94 typeinfo for QTimerEvent
18-95 Primary vtable for QKeyEvent
18-96 typeinfo for QKeyEvent
18-97 Primary vtable for QCustomEvent
18-98 typeinfo for QCustomEvent
18-99 Primary vtable for QEventLoop
18-100 typeinfo for QEventLoop
18-101 Primary vtable for QHideEvent
18-102 typeinfo for QHideEvent

18-103 Primary vtable for QResizeEvent
18-104 typeinfo for QResizeEvent
18-105 Primary vtable for QTabletEvent
18-106 typeinfo for QTabletEvent
18-107 Primary vtable for QFocusEvent
18-108 typeinfo for QFocusEvent
18-109 Primary vtable for QMouseEvent
18-110 typeinfo for QMouseEvent
18-111 Primary vtable for QChildEvent
18-112 typeinfo for QChildEvent
18-113 Primary vtable for QEvent
18-114 typeinfo for QEvent
18-115 Primary vtable for QIMComposeEvent
18-116 typeinfo for QIMComposeEvent
18-117 Primary vtable for QShowEvent
18-118 typeinfo for QShowEvent
18-119 Primary vtable for QPaintEvent
18-120 typeinfo for QPaintEvent
18-121 Primary vtable for QWheelEvent
18-122 typeinfo for QWheelEvent
18-123 Primary vtable for QMoveEvent
18-124 typeinfo for QMoveEvent
18-125 Primary vtable for QCloseEvent
18-126 typeinfo for QCloseEvent
18-127 libqt-mt - Qt3 Events Function Interfaces
18-128 libqt-mt - Qt3 Events Data Interfaces
18-129 Primary vtable for QUtf8Codec
18-130 typeinfo for QUtf8Codec
18-131 Primary vtable for QTranslator
18-132 typeinfo for QTranslator
18-133 Primary vtable for QGb18030Codec
18-134 typeinfo for QGb18030Codec
18-135 Primary vtable for QGbkCodec
18-136 typeinfo for QGbkCodec
18-137 Primary vtable for QUtf16Codec
18-138 typeinfo for QUtf16Codec
18-139 Primary vtable for QEucKrCodec
18-140 typeinfo for QEucKrCodec
18-141 Primary vtable for QJisCodec
18-142 typeinfo for QJisCodec
18-143 Primary vtable for QTextEncoder
18-144 typeinfo for QTextEncoder
18-145 Primary vtable for QTsciiCodec
18-146 typeinfo for QTsciiCodec
18-147 Primary vtable for QSjisCodec
18-148 typeinfo for QSjisCodec
18-149 Primary vtable for QEucJpCodec
18-150 typeinfo for QEucJpCodec
18-151 Primary vtable for QGb2312Codec
18-152 typeinfo for QGb2312Codec
18-153 Primary vtable for QHebrewCodec
18-154 typeinfo for QHebrewCodec
18-155 Primary vtable for QTextDecoder

18-156 typeinfo for QTextDecoder
18-157 Primary vtable for QTextCodec
18-158 typeinfo for QTextCodec
18-159 Primary vtable for QJpUnicodeConv
18-160 typeinfo for QJpUnicodeConv
18-161 libqt-mt - Qt3 Internationalization Function Interfaces
18-162 libqt-mt - Qt3 Internationalization Data Interfaces
18-163 Primary vtable for QDataSource
18-164 typeinfo for QDataSource
18-165 Primary vtable for QProcess
18-166 typeinfo for QProcess
18-167 Primary vtable for QDataPump
18-168 typeinfo for QDataPump
18-169 Primary vtable for QFile
18-170 typeinfo for QFile
18-171 Primary vtable for QBuffer
18-172 typeinfo for QBuffer
18-173 Primary vtable for QClipboard
18-174 typeinfo for QClipboard
18-175 Primary vtable for QAsyncIO
18-176 typeinfo for QAsyncIO
18-177 Primary vtable for QSignal
18-178 typeinfo for QSignal
18-179 Primary vtable for QDataSink
18-180 typeinfo for QDataSink
18-181 Primary vtable for QDir
18-182 typeinfo for QDir
18-183 Primary vtable for QTextOStream
18-184 typeinfo for QTextOStream
18-185 Primary vtable for QTextStream
18-186 typeinfo for QTextStream
18-187 Primary vtable for QSignalMapper
18-188 typeinfo for QSignalMapper
18-189 Primary vtable for QIODeviceSource
18-190 typeinfo for QIODeviceSource
18-191 Primary vtable for QIODevice
18-192 typeinfo for QIODevice
18-193 Primary vtable for QDataStream
18-194 typeinfo for QDataStream
18-195 libqt-mt - Qt3 Input/Output Function Interfaces
18-196 libqt-mt - Qt3 Input/Output Data Interfaces
18-197 Primary vtable for QImageFormat
18-198 typeinfo for QImageFormat
18-199 Primary vtable for QSound
18-200 typeinfo for QSound
18-201 Primary vtable for QImageConsumer
18-202 typeinfo for QImageConsumer
18-203 Primary vtable for QImageFormatType
18-204 typeinfo for QImageFormatType
18-205 libqt-mt - Qt3 Multimedia Function Interfaces
18-206 libqt-mt - Qt3 Multimedia Data Interfaces
18-207 Primary vtable for QMimeSourceFactory
18-208 typeinfo for QMimeSourceFactory

18-209 Primary vtable for QUrlOperator
18-210 typeinfo for QUrlOperator
18-211 Primary vtable for QSocket
18-212 typeinfo for QSocket
18-213 Primary vtable for QSocketNotifier
18-214 typeinfo for QSocketNotifier
18-215 Primary vtable for QNetworkProtocol
18-216 typeinfo for QNetworkProtocol
18-217 Primary vtable for QUrl
18-218 typeinfo for QUrl
18-219 Primary vtable for QSocketDevice
18-220 typeinfo for QSocketDevice
18-221 Primary vtable for QHttpResponseHeader
18-222 typeinfo for QHttpResponseHeader
18-223 Primary vtable for QServerSocket
18-224 typeinfo for QServerSocket
18-225 Primary vtable for QUrlInfo
18-226 typeinfo for QUrlInfo
18-227 Primary vtable for QNetworkOperation
18-228 typeinfo for QNetworkOperation
18-229 Primary vtable for QHttp
18-230 typeinfo for QHttp
18-231 Primary vtable for QMimeSource
18-232 typeinfo for QMimeSource
18-233 Primary vtable for QDns
18-234 typeinfo for QDns
18-235 Primary vtable for QHttpRequestHeader
18-236 typeinfo for QHttpRequestHeader
18-237 Primary vtable for QHttpHeader
18-238 typeinfo for QHttpHeader
18-239 Primary vtable for QLocalFs
18-240 typeinfo for QLocalFs
18-241 Primary vtable for QConnectionList
18-242 typeinfo for QConnectionList
18-243 Primary vtable for QHostAddress
18-244 typeinfo for QHostAddress
18-245 Primary vtable for QFtp
18-246 typeinfo for QFtp
18-247 libqt-mt - Qt3 Network Function Interfaces
18-248 libqt-mt - Qt3 Network Data Interfaces
18-249 Primary vtable for QObjectCleanupHandler
18-250 typeinfo for QObjectCleanupHandler
18-251 Primary vtable for QObjectUserData
18-252 typeinfo for QObjectUserData
18-253 Primary vtable for QObject
18-254 typeinfo for QObject
18-255 Primary vtable for QMetaObject
18-256 typeinfo for QMetaObject
18-257 Primary vtable for QGuardedPtrPrivate
18-258 typeinfo for QGuardedPtrPrivate
18-259 libqt-mt - Qt3 Object Model Function Interfaces
18-260 libqt-mt - Qt3 Object Model Data Interfaces
18-261 libqt-mt - Qt3 OpenGL Function Interfaces

18-262 libqt-mt - Qt3 OpenGL Data Interfaces
18-263 Primary vtable for QPaintDevice
18-264 typeinfo for QPaintDevice
18-265 Primary vtable for QBitmap
18-266 typeinfo for QBitmap
18-267 Primary vtable for QPicture
18-268 typeinfo for QPicture
18-269 Primary vtable for QPixmap
18-270 typeinfo for QPixmap
18-271 Primary vtable for QPrinter
18-272 typeinfo for QPrinter
18-273 libqt-mt - Qt3 Paint Device Function Interfaces
18-274 libqt-mt - Qt3 Paint Device Data Interfaces
18-275 Primary vtable for QSqlResult
18-276 typeinfo for QSqlResult
18-277 Primary vtable for QSqlSelectCursor
18-278 typeinfo for QSqlSelectCursor
18-279 Primary vtable for QSqlDriver
18-280 typeinfo for QSqlDriver
18-281 Primary vtable for QSqlPropertyMap
18-282 typeinfo for QSqlPropertyMap
18-283 Primary vtable for QSqlQuery
18-284 typeinfo for QSqlQuery
18-285 Primary vtable for QSqlRecord
18-286 typeinfo for QSqlRecord
18-287 Primary vtable for QSqlDatabase
18-288 typeinfo for QSqlDatabase
18-289 Primary vtable for QEditorFactory
18-290 typeinfo for QEditorFactory
18-291 Primary vtable for QSqlDriverPlugin
18-292 typeinfo for QSqlDriverPlugin
18-293 Primary vtable for QSqlResultShared
18-294 typeinfo for QSqlResultShared
18-295 Primary vtable for QSqlError
18-296 typeinfo for QSqlError
18-297 Primary vtable for QSqlForm
18-298 typeinfo for QSqlForm
18-299 Primary vtable for QSqlEditorFactory
18-300 typeinfo for QSqlEditorFactory
18-301 Primary vtable for QSqlCursor
18-302 typeinfo for QSqlCursor
18-303 Primary vtable for QSqlFieldInfo
18-304 typeinfo for QSqlFieldInfo
18-305 Primary vtable for QSqlIndex
18-306 typeinfo for QSqlIndex
18-307 Primary vtable for QSqlField
18-308 typeinfo for QSqlField
18-309 libqt-mt - Qt3 SQL Function Interfaces
18-310 libqt-mt - Qt3 SQL Data Interfaces
18-311 Primary vtable for QCommonStyle
18-312 typeinfo for QCommonStyle
18-313 Primary vtable for QStyle
18-314 typeinfo for QStyle

© 2008 Linux Foundation

18-315 libqt-mt - Qt3 Style Function Interfaces
18-316 libqt-mt - Qt3 Style Data Interfaces
18-317 Primary vtable for QSyntaxHighlighter
18-318 typeinfo for QSyntaxHighlighter
18-319 Primary vtable for QStyleSheet
18-320 typeinfo for QStyleSheet
18-321 Primary vtable for QStrList
18-322 typeinfo for QStrList
18-323 Primary vtable for QCString
18-324 typeinfo for QCString
18-325 libqt-mt - Qt3 Text Function Interfaces
18-326 libqt-mt - Qt3 Text Data Interfaces
18-327 Primary vtable for QWaitCondition
18-328 typeinfo for QWaitCondition
18-329 Primary vtable for QMutex
18-330 typeinfo for QMutex
18-331 Primary vtable for QThread
18-332 typeinfo for QThread
18-333 Primary vtable for QSemaphore
18-334 typeinfo for QSemaphore
18-335 libqt-mt - Qt3 Threading Function Interfaces
18-336 libqt-mt - Qt3 Threading Data Interfaces
18-337 Primary vtable for QToolBar
18-338 typeinfo for QToolBar
18-339 Primary vtable for QActionGroup
18-340 typeinfo for QActionGroup
18-341 Primary vtable for QStatusBar
18-342 typeinfo for QStatusBar
18-343 Primary vtable for QSizeGrip
18-344 typeinfo for QSizeGrip
18-345 Primary vtable for QSessionManager
18-346 typeinfo for QSessionManager
18-347 Primary vtable for QApplication
18-348 typeinfo for QApplication
18-349 Primary vtable for QWorkspace
18-350 typeinfo for QWorkspace
18-351 Primary vtable for QAction
18-352 typeinfo for QAction
18-353 libqt-mt - Qt3 Main Window and Application Function Interfaces
18-354 libqt-mt - Qt3 Main Window and Application Data Interfaces
18-355 Primary vtable for QFrame
18-356 typeinfo for QFrame
18-357 Primary vtable for QScrollView
18-358 typeinfo for QScrollView
18-359 Primary vtable for QTextBrowser
18-360 typeinfo for QTextBrowser
18-361 Primary vtable for QLineEdit
18-362 typeinfo for QLineEdit
18-363 Primary vtable for QListBoxText
18-364 typeinfo for QListBoxText
18-365 Primary vtable for QLCDNumber
18-366 typeinfo for QLCDNumber
18-367 Primary vtable for QGridView

18-368 typeinfo for QGridView
18-369 Primary vtable for QButton
18-370 typeinfo for QButton
18-371 Primary vtable for QTabWidget
18-372 typeinfo for QTabWidget
18-373 Primary vtable for QTextView
18-374 typeinfo for QTextView
18-375 Primary vtable for QTab
18-376 typeinfo for QTab
18-377 Primary vtable for QDial
18-378 typeinfo for QDial
18-379 Primary vtable for QListView
18-380 typeinfo for QListView
18-381 Primary vtable for QDesktopWidget
18-382 typeinfo for QDesktopWidget
18-383 Primary vtable for QListBoxItem
18-384 typeinfo for QListBoxItem
18-385 Primary vtable for QScrollBar
18-386 typeinfo for QScrollBar
18-387 Primary vtable for QIconFactory
18-388 typeinfo for QIconFactory
18-389 Primary vtable for QSpinBox
18-390 typeinfo for QSpinBox
18-391 Primary vtable for QLabel
18-392 typeinfo for QLabel
18-393 Primary vtable for QListBoxPixmap
18-394 typeinfo for QListBoxPixmap
18-395 Primary vtable for QWhatsThis
18-396 typeinfo for QWhatsThis
18-397 Primary vtable for QMultiLineEdit
18-398 typeinfo for QMultiLineEdit
18-399 Primary vtable for QListBox
18-400 typeinfo for QListBox
18-401 Primary vtable for QComboBox
18-402 typeinfo for QComboBox
18-403 Primary vtable for QRadioButton
18-404 typeinfo for QRadioButton
18-405 Primary vtable for QSlider
18-406 typeinfo for QSlider
18-407 Primary vtable for QMainWindow
18-408 typeinfo for QMainWindow
18-409 Primary vtable for QToolButton
18-410 typeinfo for QToolButton
18-411 Primary vtable for QWidgetIntDict
18-412 typeinfo for QWidgetIntDict
18-413 Primary vtable for QTabBar
18-414 typeinfo for QTabBar
18-415 Primary vtable for QToolTip
18-416 typeinfo for QToolTip
18-417 Primary vtable for QCheckBox
18-418 typeinfo for QCheckBox
18-419 Primary vtable for QDockWindow
18-420 typeinfo for QDockWindow

18-421 Primary vtable for QSpinWidget
18-422 typeinfo for QSpinWidget
18-423 Primary vtable for QToolBox
18-424 typeinfo for QToolBox
18-425 Primary vtable for QProgressBar
18-426 typeinfo for QProgressBar
18-427 Primary vtable for QIconViewItem
18-428 typeinfo for QIconViewItem
18-429 Primary vtable for QCheckListItem
18-430 typeinfo for QCheckListItem
18-431 Primary vtable for QDockArea
18-432 typeinfo for QDockArea
18-433 Primary vtable for QListViewItem
18-434 typeinfo for QListViewItem
18-435 Primary vtable for QIconView
18-436 typeinfo for QIconView
18-437 Primary vtable for QWidget
18-438 typeinfo for QWidget
18-439 Primary vtable for QToolTipGroup
18-440 typeinfo for QToolTipGroup
18-441 Primary vtable for QPushButton
18-442 typeinfo for QPushButton
18-443 Primary vtable for QWidgetList
18-444 typeinfo for QWidgetList
18-445 Primary vtable for QDataView
18-446 typeinfo for QDataView
18-447 Primary vtable for QDataBrowser
18-448 typeinfo for QDataBrowser
18-449 Primary vtable for QTextEdit
18-450 typeinfo for QTextEdit
18-451 libqt-mt - Qt3 Widgets Function Interfaces
18-452 libqt-mt - Qt3 Widgets Data Interfaces
18-453 Primary vtable for QPopupMenu
18-454 typeinfo for QPopupMenu
18-455 Primary vtable for QMenuBar
18-456 typeinfo for QMenuBar
18-457 Primary vtable for QCustomMenuItem
18-458 typeinfo for QCustomMenuItem
18-459 Primary vtable for QMenuData
18-460 typeinfo for QMenuData
18-461 libqt-mt - Qt3 Menus Function Interfaces
18-462 libqt-mt - Qt3 Menus Data Interfaces
18-463 Primary vtable for QHBox
18-464 typeinfo for QHBox
18-465 Primary vtable for QSplitter
18-466 typeinfo for QSplitter
18-467 Primary vtable for QVBox
18-468 typeinfo for QVBox
18-469 Primary vtable for QGroupBox
18-470 typeinfo for QGroupBox
18-471 Primary vtable for QHGroupBox
18-472 typeinfo for QHGroupBox
18-473 Primary vtable for QHButtonGroup

18-474 typeinfo for QHButtonGroup
18-475 Primary vtable for QWidgetStack
18-476 typeinfo for QWidgetStack
18-477 Primary vtable for QButtonGroup
18-478 typeinfo for QButtonGroup
18-479 Primary vtable for QVButtonGroup
18-480 typeinfo for QVButtonGroup
18-481 Primary vtable for QGrid
18-482 typeinfo for QGrid
18-483 Primary vtable for QVGroupBox
18-484 typeinfo for QVGroupBox
18-485 libqt-mt - Qt3 Organizers Function Interfaces
18-486 libqt-mt - Qt3 Organizers Data Interfaces
18-487 Primary vtable for QDockAreaLayout
18-488 typeinfo for QDockAreaLayout
18-489 Primary vtable for QBoxLayout
18-490 typeinfo for QBoxLayout
18-491 Primary vtable for QLayout
18-492 typeinfo for QLayout
18-493 Primary vtable for QHBoxLayout
18-494 typeinfo for QHBoxLayout
18-495 Primary vtable for QVBoxLayout
18-496 typeinfo for QVBoxLayout
18-497 Primary vtable for QGLayoutIterator
18-498 typeinfo for QGLayoutIterator
18-499 Primary vtable for QWidgetItem
18-500 typeinfo for QWidgetItem
18-501 Primary vtable for QGridLayout
18-502 typeinfo for QGridLayout
18-503 Primary vtable for QSpacerItem
18-504 typeinfo for QSpacerItem
18-505 Primary vtable for QLayoutItem
18-506 typeinfo for QLayoutItem
18-507 libqt-mt - Qt3 Layouts Function Interfaces
18-508 libqt-mt - Qt3 Layouts Data Interfaces
18-509 Primary vtable for QProgressDialog
18-510 typeinfo for QProgressDialog
18-511 Primary vtable for QWizard
18-512 typeinfo for QWizard
18-513 Primary vtable for QSemiModal
18-514 typeinfo for QSemiModal
18-515 Primary vtable for QFileDialog
18-516 typeinfo for QFileDialog
18-517 Primary vtable for QErrorMessage
18-518 typeinfo for QErrorMessage
18-519 Primary vtable for QFilePreview
18-520 typeinfo for QFilePreview
18-521 Primary vtable for QMessageBox
18-522 typeinfo for QMessageBox
18-523 Primary vtable for QDialog
18-524 typeinfo for QDialog
18-525 Primary vtable for QFontDialog
18-526 typeinfo for QFontDialog

© 2008 Linux Foundation

18-527 Primary vtable for QPrintDialog
18-528 typeinfo for QPrintDialog
18-529 Primary vtable for QColorDialog
18-530 typeinfo for QColorDialog
18-531 Primary vtable for QInputDialog
18-532 typeinfo for QInputDialog
18-533 Primary vtable for QTabDialog
18-534 typeinfo for QTabDialog
18-535 Primary vtable for QFileIconProvider
18-536 typeinfo for QFileIconProvider
18-537 libqt-mt - Qt3 Dialogs Function Interfaces
18-538 libqt-mt - Qt3 Dialogs Data Interfaces
18-539 Primary vtable for QTableItem
18-540 typeinfo for QTableItem
18-541 Primary vtable for QCheckTableItem
18-542 typeinfo for QCheckTableItem
18-543 Primary vtable for QHeader
18-544 typeinfo for QHeader
18-545 Primary vtable for QDataTable
18-546 typeinfo for QDataTable
18-547 Primary vtable for QComboTableItem
18-548 typeinfo for QComboTableItem
18-549 Primary vtable for QTable
18-550 typeinfo for QTable
18-551 libqt-mt - Qt3 Tables Function Interfaces
18-552 libqt-mt - Qt3 Tables Data Interfaces
18-553 Primary vtable for QGPlugin
18-554 typeinfo for QGPlugin
18-555 Primary vtable for QStylePlugin
18-556 typeinfo for QStylePlugin
18-557 Primary vtable for QTextCodecPlugin
18-558 typeinfo for QTextCodecPlugin
18-559 Primary vtable for QWidgetPlugin
18-560 typeinfo for QWidgetPlugin
18-561 Primary vtable for QLibrary
18-562 typeinfo for QLibrary
18-563 Primary vtable for QImageFormatPlugin
18-564 typeinfo for QImageFormatPlugin
18-565 libqt-mt - Qt3 Plugins Function Interfaces
18-566 libqt-mt - Qt3 Plugins Data Interfaces
18-567 Primary vtable for QXmlEntityResolver
18-568 typeinfo for QXmlEntityResolver
18-569 Primary vtable for QXmlLocator
18-570 typeinfo for QXmlLocator
18-571 Primary vtable for QDomElement
18-572 typeinfo for QDomElement
18-573 Primary vtable for QDomImplementation
18-574 typeinfo for QDomImplementation
18-575 Primary vtable for QDomDocumentType
18-576 typeinfo for QDomDocumentType
18-577 Primary vtable for QDomDocument
18-578 typeinfo for QDomDocument
18-579 Primary vtable for QDomAttr

18-580 typeinfo for QDomAttr
18-581 Primary vtable for QDomNodeList
18-582 typeinfo for QDomNodeList
18-583 Primary vtable for QXmlReader
18-584 typeinfo for QXmlReader
18-585 Primary vtable for QDomEntity
18-586 typeinfo for QDomEntity
18-587 Primary vtable for QXmlDeclHandler
18-588 typeinfo for QXmlDeclHandler
18-589 Primary vtable for QDomNode
18-590 typeinfo for QDomNode
18-591 Primary vtable for QDomText
18-592 typeinfo for QDomText
18-593 Primary vtable for QDomCharacterData
18-594 typeinfo for QDomCharacterData
18-595 Primary vtable for QDomComment
18-596 typeinfo for QDomComment
18-597 Primary vtable for QXmlDefaultHandler
18-598 typeinfo for QXmlDefaultHandler
18-599 Primary vtable for QDomNotation
18-600 typeinfo for QDomNotation
18-601 Primary vtable for QXmlSimpleReader
18-602 typeinfo for QXmlSimpleReader
18-603 Primary vtable for QXmlLexicalHandler
18-604 typeinfo for QXmlLexicalHandler
18-605 Primary vtable for QXmlAttributes
18-606 typeinfo for QXmlAttributes
18-607 Primary vtable for QDomProcessingInstruction
18-608 typeinfo for QDomProcessingInstruction
18-609 Primary vtable for QXmlContentHandler
18-610 typeinfo for QXmlContentHandler
18-611 Primary vtable for QDomEntityReference
18-612 typeinfo for QDomEntityReference
18-613 Primary vtable for QDomCDATASection
18-614 typeinfo for QDomCDATASection
18-615 Primary vtable for QXmlDTDHandler
18-616 typeinfo for QXmlDTDHandler
18-617 Primary vtable for QXmlInputSource
18-618 typeinfo for QXmlInputSource
18-619 Primary vtable for QXmlErrorHandler
18-620 typeinfo for QXmlErrorHandler
18-621 Primary vtable for QDomDocumentFragment
18-622 typeinfo for QDomDocumentFragment
18-623 libqt-mt - Qt3 XML Function Interfaces
18-624 libqt-mt - Qt3 XML Data Interfaces
18-625 libqt-mt - Qt3 Namespace Data Interfaces
18-626 libqt-mt - Qt3 Colors Function Interfaces
18-627 libqt-mt - Qt3 Colors Data Interfaces
18-628 libqt-mt - Qt3 Fonts Function Interfaces
18-629 Primary vtable for QIconSet
18-630 typeinfo for QIconSet
18-631 libqt-mt - Qt3 2D Graphics Function Interfaces
18-632 libqt-mt - Qt3 2D Graphics Data Interfaces

18-633 Primary vtable for QRegExpValidator.....
18-634 typeinfo for QRegExpValidator.....
18-635 Primary vtable for QIntValidator.....
18-636 typeinfo for QIntValidator.....
18-637 Primary vtable for QValidator.....
18-638 typeinfo for QValidator.....
18-639 Primary vtable for QDoubleValidator.....
18-640 typeinfo for QDoubleValidator.....
18-641 libqt-mt - Qt3 Validators Function Interfaces.....
18-642 libqt-mt - Qt3 Validators Data Interfaces.....
18-643 Primary vtable for QGVector.....
18-644 typeinfo for QGVector.....
18-645 Primary vtable for QGList.....
18-646 typeinfo for QGList.....
18-647 Primary vtable for QPolygonScanner.....
18-648 typeinfo for QPolygonScanner.....
18-649 Primary vtable for QGCache.....
18-650 typeinfo for QGCache.....
18-651 Primary vtable for QGArray.....
18-652 typeinfo for QGArray.....
18-653 Primary vtable for QSignalVec.....
18-654 typeinfo for QSignalVec.....
18-655 Primary vtable for QGDict.....
18-656 typeinfo for QGDict.....
18-657 libqt-mt - Qt3 Internals Function Interfaces.....
18-658 libqt-mt - Qt3 Internals Data Interfaces.....
18-659 Primary vtable for QRangeControl.....
18-660 typeinfo for QRangeControl.....
18-661 Primary vtable for QSplashScreen.....
18-662 typeinfo for QSplashScreen.....
18-663 Primary vtable for QAccel.....
18-664 typeinfo for QAccel.....
18-665 libqt-mt - Qt3 Miscellaneous Function Interfaces.....
18-666 libqt-mt - Qt3 Miscellaneous Data Interfaces.....
19-1 libxml2 Definition.....
19-2 libxml2 - The XML C parser and toolkit for XML processing Function Interfaces.....
19-3 libxml2 - The XML C parser and toolkit for XML processing Data Interfaces

Foreword

This is version 4.0 of the LSB Desktop Specification. This specification is part of a family of specifications under the general title"Linux Standard Base". Developers of applications or implementations interested in using the LSB trademark should see the Linux Foundation Certification Policy for details.

Introduction

The LSB Desktop specification defines components that are required to be present on an LSB conforming system.

This document should be used in conjunction with the documents it references. Information referenced in this way is as much a part of this document as is the information explicitly included here.

I Introductory Elements

1 Scope

The LSB Desktop module defines components found on an LSB conforming system.

2 References

2.1 Normative References

The specifications listed below are referenced in whole or in part by the LSB Desktop specification. Such references may be normative or informative; a reference to specification shall only be considered normative if it is explicitly cited as such. The LSB Desktop specification may make normative references to a portion of these specifications (that is, to define a specific function or group of functions); in such cases, only the explicitly referenced portion of the specification is to be considered normative.

Table 2-1 Normative References

Name	Title	URL
ATK 1.10.3 Reference Manual	ATK 1.10.3 Reference Manual	http://library.gnome.org/devel/atk/1.10/index.html
Double Buffer Extension Library	Double Buffer Extension Library - Protocol Version 1.0	http://refspecs.linuxfoundation.org/X11/dbelib.pdf
Fontconfig Developers Reference	Fontconfig Developers Reference, Version 2.6.0	http://refspecs.linuxfoundation.org/fontconfig-2.6.0
Gdk 2.8.20 Reference Manual	Gdk 2.8.20 Reference Manual	http://library.gnome.org/devel/gdk/2.8/index.html
Gdk-pixbuf 2.8.20 Reference Manual	Gtk-pixbuf 2.8.20 Reference Manual	http://library.gnome.org/devel/gdk-pixbuf/2.8/index.html
Glib 2.8.6 Reference Manual	Glib 2.8.6 Reference Manual	http://library.gnome.org/devel/glib/2.8/index.html
Gobject 2.8.6 Reference Manual	Gobject 2.8.6 Reference Manual	http://library.gnome.org/devel/gobject/2.8/index.html
Gtk+ 2.8.20 Reference Manual	Gtk+ 2.8.20 Reference Manual	http://library.gnome.org/devel/gtk/2.8/index.html
ISO C (1999)	ISO/IEC 9899: 1999, Programming Languages --C	
ISO/IEC 14882: 2003 C++ Language	ISO/IEC 14882: 2003 Programming languages --C++	
Itanium™ C++ ABI	Itanium™ C++ ABI (Revision 1.83)	http://refspecs.linuxfoundation.org/cxxabi-1.83.html

OpenGL	The OpenGL® Graphics System: A Specification (Version 1.2.1)	http://www.opengl.org/documentation/specs/version1.2/OpenGL_spec_1.2.1.pdf
OpenGL ABI	OpenGL® Application Binary Interface for Linux	http://www.opengl.org/registry/ABI/
OpenGL Extensions	OpenGL® Graphics with the X Window System® (Version 1.3)	http://opengl.org/documentation/specs/glx/glx1.3.pdf
OpenGL Utilities	The OpenGL Graphics System Utility Library (Version 1.3)	http://www.opengl.org/documentation/specs/glu/glu1_3.pdf
Pango 1.10.4 Reference Manual	Pango 1.10.4 Reference Manual	http://library.gnome.org/devel/pango/1.10/index.html
Qt 3.3.6	Qt 3.3.6 Reference Manual	http://doc.trolltech.com/3.3/index.html
QtCore 4.2.0	Qt 4.2.0 Reference Manual	http://doc.trolltech.com/4.2/qtcore.html
QtGui 4.2.0	Qt 4.2.0 Reference Manual	http://doc.trolltech.com/4.2/qtgui.html
QtNetwork 4.2.0	Qt 4.2.0 Reference Manual	http://doc.trolltech.com/4.2/qtnetwork.html
QtOpenGL 4.2.0	Qt 4.2.0 Reference Manual	http://doc.trolltech.com/4.2/qtopengl.html
QtSql 4.2.0	Qt 4.2.0 Reference Manual	http://doc.trolltech.com/4.2/qtsql.html
QtSvg 4.2.0	Qt 4.2.0 Reference Manual	http://doc.trolltech.com/4.2/qtsvg.html
QtXml 4.2.0	Qt 4.2.0 Reference Manual	http://doc.trolltech.com/4.2/qtxml.html
Reference Manual for libxml2	Reference Manual for libxml2	http://xmlsoft.org/html/index.html
The MIT Shared Memory Extension	MIT-SHM - The MIT Shared Memory Extension - X version 11, Release 5	http://refspecs.linux-foundation.org/X11/mit-shm.pdf
X Display Power Management Signaling	X Display Power Management Signaling (DPMS) Extension - Library Specificationi - Version 1.0	http://refspecs.linux-foundation.org/X11/DPMSlib.pdf
X Extended Visual Interface Extension	Extended Visual Information Extension - Version 1.0	http://refspecs.linux-foundation.org/X11/evi.pdf
X Nonrectangular	X Nonrectangular	http://refspecs.linux-

 © 2008 Linux Foundation

Window Shape Extension Library	Window Shape Extension Library - Version 1.0	foundation.org/X11/shapelib.pdf
X Record Extension Library	X Record Extension Library - Version 1.13	http://refspecs.linux-foundation.org/X11/recordlib.pdf
X Security Extension Specification	Security Extension Specification - Version 7.1	http://refspecs.linux-foundation.org/X11/security.pdf
X Synchronization Extension Library	X Synchronization Extension Library - Version 3.0	http://refspecs.linux-foundation.org/X11/synclib.pdf
X11 C Library	Xlib - C Language X Interface - X Version 11 Release 6.4	http://refspecs.linux-foundation.org/X11/xlib.pdf
X11 Input Library	X Input Device Extension Library - X Version 11, Release 6.4	http://refspecs.linux-foundation.org/X11/Xinput.pdf
X11 Inter-Client Exchange	Inter-Client Exchange Library - Version 1.0	http://refspecs.linux-foundation.org/X11/ICElib.pdf
X11 Keyboard Extension	X Keyboard Extension Library Specification - X Version 11, Release 6.4	http://refspecs.linux-foundation.org/X11/XKBlib.pdf
X11 Session Management	X Session Management Library - Version 1.0	http://refspecs.linux-foundation.org/X11/SMlib.pdf
X11 Toolkit Intrinsics	X Toolkit Intrinsics - C Language Interface - X Version 11, Release 6.4	http://refspecs.linux-foundation.org/X11/intrinsics.pdf
Xft Placeholder	Xft Specification Placeholder	
Xrender Placeholder	Xrender Specification Placeholder	http://refspecs.linux-foundation.org/X11/XRenderProtocol.html
XTEST Extension Library	XTEST Extension Library - Version 2.2	http://refspecs.linux-foundation.org/X11/xtestlib.pdf

2.2 Informative References/Bibliography

In addition, the specifications listed below provide essential background information to implementors of this specification. These references are included for information only.

Table 2-2 Other References

Name	Title	URL
A description on how	A description on how	http://www.libpng.or

to use and modify libpng	to use and modify libpng	g/pub/png/libpng-1.2.5-manual.html
Base Directory Spec	XDG Base Directory Specification Version 0.6	http://standards.freedesktop.org/basedir-spec/basedir-spec-0.6.html
Cairo API Reference	Cairo Vector Graphics API Specification for 1.0.2	http://cairographics.org/manual-1.0.2
Desktop Entry Spec	Desktop Entry Specification Version 1.0	http://standards.freedesktop.org/desktop-entry-spec/desktop-entry-spec-1.0.html
Desktop Menu Spec	Desktop Menu Specification Version 1.0	http://standards.freedesktop.org/menu-spec/menu-spec-1.0.html
FreeType Reference	FreeType 2.1.10 API Reference	http://refspecs.linux-foundation.org/freetype/freetype-doc-2.1.10/docs/reference/ft2-toc.html
Icon Theme Spec	Icon Theme Specification Version 0.11	http://standards.freedesktop.org/icon-theme-spec/icon-theme-spec-0.11.html
Independent JPEG Group	Independent JPEG Group	http://www.ijg.org/

 © 2008 Linux Foundation

3 Requirements

3.1 Relevant Libraries

The libraries listed in Table 3-1 shall be available on a Linux Standard Base - Desktop system, with the specified runtime names. This list may be supplemented or amended by the architecture-specific specification.

Table 3-1 Standard Library Names

Library	Runtime Name
libICE	libICE.so.6
libGL	libGL.so.1
libSM	libSM.so.6
libX11	libX11.so.6
libXext	libXext.so.6
libXt	libXt.so.6
libXi	libXi.so.6
libfontconfig	libfontconfig.so.1
libpng12	libpng12.so.0
libjpeg	libjpeg.so.62
libglib-2.0	libglib-2.0.so.0
libgobject-2.0	libgobject-2.0.so.0
libgmodule-2.0	libgmodule-2.0.so.0
libgthread-2.0	libgthread-2.0.so.0
libatk-1.0	libatk-1.0.so.0
libpango-1.0	libpango-1.0.so.0
libpangoxft-1.0	libpangoxft-1.0.so.0
libpangoft2-1.0	libpangoft2-1.0.so.0
libgdk_pixbuf-2.0	libgdk_pixbuf-2.0.so.0
libgdk_pixbuf_xlib-2.0	libgdk_pixbuf_xlib-2.0.so.0
libgdk-x11-2.0	libgdk-x11-2.0.so.0
libgtk-x11-2.0	libgtk-x11-2.0.so.0
libxml2	libxml2.so.2
libQtCore	libQtCore.so.4
libQtGui	libQtGui.so.4
libQtNetwork	libQtNetwork.so.4
libQtXml	libQtXml.so.4
libQtOpenGL	libQtOpenGL.so.4
libQtSql	libQtSql.so.4
libQtSvg	libQtSvg.so.4
libqt-mt	libqt-mt.so.3
libXrender	libXrender.so.1

libfreetype	libfreetype.so.6
libXft	libXft.so.2
libcairo	libcairo.so.2
libGLU	libGLU.so.1
libXtst	libXtst.so.6
libpangocairo-1.0	libpangocairo-1.0.so.0

These libraries will be in an implementation-defined directory which the dynamic linker shall search by default.

 © 2008 Linux Foundation

4 Definitions

For the purposes of this document, the following definitions, as specified in the *ISO/IEC Directives, Part 2, 2001, 4th Edition*, apply:

can

be able to; there is a possibility of; it is possible to

cannot

be unable to; there is no possibility of; it is not possible to

may

is permitted; is allowed; is permissible

need not

it is not required that; no...is required

shall

is to; is required to; it is required that; has to; only...is permitted; it is necessary

shall not

is not allowed [permitted] [acceptable] [permissible]; is required to be not; is required that...be not; is not to be

should

it is recommended that; ought to

should not

it is not recommended that; ought not to

5 Terminology

For the purposes of this document, the following terms apply:

implementation-defined

Describes a value or behavior that is not defined by this document but is selected by an implementor. The value or behavior may vary among implementations that conform to this document. An application should not rely on the existence of the value or behavior. An application that relies on such a value or behavior cannot be assured to be portable across conforming implementations. The implementor shall document such a value or behavior so that it can be used correctly by an application.

Shell Script

A file that is read by an interpreter (e.g., awk). The first line of the shell script includes a reference to its interpreter binary.

undefined

Describes the nature of a value or behavior not defined by this document which results from use of an invalid program construct or invalid data input. The value or behavior may vary among implementations that conform to this document. An application should not rely on the existence or validity of the value or behavior. An application that relies on any particular value or behavior cannot be assured to be portable across conforming implementations.

unspecified

Describes the nature of a value or behavior not specified by this document which results from use of a valid program construct or valid data input. The value or behavior may vary among implementations that conform to this document. An application should not rely on the existence or validity of the value or behavior. An application that relies on any particular value or behavior cannot be assured to be portable across conforming implementations.

II Graphic Libraries

6 Libraries

The X Libraries should be built thread-safe.

6.1 Interfaces for libX11

Table 6-1 defines the library name and shared object name for the libX11 library

Table 6-1 libX11 Definition

Library:	libX11
SONAME:	libX11.so.6

The behavior of the interfaces in this library is specified by the following specifications:

[LSB] This Specification
[XKBlib] X11 Keyboard Extension
[Xlib] X11 C Library

6.1.1 X Window System Interface

6.1.1.1 Interfaces for X Window System Interface

An LSB conforming implementation shall provide the generic functions for X Window System Interface specified in Table 6-2, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-2 libX11 - X Window System Interface Function Interfaces

XActivateScreenSaver [Xlib]	XAddConnectionWatch [Xlib]	XAddExtension [Xlib]	XAddHost [Xlib]
XAddHosts [Xlib]	XAddPixel [Xlib]	XAddToExtensionList [Xlib]	XAddToSaveSet [Xlib]
XAllPlanes [Xlib]	XAllocClassHint [Xlib]	XAllocColor [Xlib]	XAllocColorCells [Xlib]
XAllocColorPlanes [Xlib]	XAllocIconSize [Xlib]	XAllocNamedColor [Xlib]	XAllocSizeHints [Xlib]
XAllocStandardColormap [Xlib]	XAllocWMHints [Xlib]	XAllowEvents [Xlib]	XAutoRepeatOff [Xlib]
XAutoRepeatOn [Xlib]	XBaseFontNameListOfFontSet [Xlib]	XBell [Xlib]	XBitmapBitOrder [Xlib]
XBitmapPad [Xlib]	XBitmapUnit [Xlib]	XBlackPixel [Xlib]	XBlackPixelOfScreen [Xlib]
XCellsOfScreen [Xlib]	XChangeActivePointerGrab [Xlib]	XChangeGC [Xlib]	XChangeKeyboardControl [Xlib]
XChangeKeyboardMapping [Xlib]	XChangePointerControl [Xlib]	XChangeProperty [Xlib]	XChangeSaveSet [Xlib]
XChangeWindowAttributes	XCheckIfEvent [Xlib]	XCheckMaskEvent [Xlib]	XCheckTypedEvent [Xlib]

[Xlib]			
XCheckTypedWindowEvent [Xlib]	XCheckWindowEvent [Xlib]	XCirculateSubwindows [Xlib]	XCirculateSubwindowsDown [Xlib]
XCirculateSubwindowsUp [Xlib]	XClearArea [Xlib]	XClearWindow [Xlib]	XClipBox [Xlib]
XCloseDisplay [Xlib]	XCloseIM [Xlib]	XCloseOM [Xlib]	XConfigureWindow [Xlib]
XConnectionNumber [Xlib]	XContextDependentDrawing [Xlib]	XContextualDrawing [Xlib]	XConvertCase [Xlib]
XConvertSelection [Xlib]	XCopyArea [Xlib]	XCopyColormapAndFree [Xlib]	XCopyGC [Xlib]
XCopyPlane [Xlib]	XCreateBitmapFromData [Xlib]	XCreateColormap [Xlib]	XCreateFontCursor [Xlib]
XCreateFontSet [Xlib]	XCreateGC [Xlib]	XCreateGlyphCursor [Xlib]	XCreateIC [Xlib]
XCreateImage [Xlib]	XCreateOC [Xlib]	XCreatePixmap [Xlib]	XCreatePixmapCursor [Xlib]
XCreatePixmapFromBitmapData [Xlib]	XCreateRegion [Xlib]	XCreateSimpleWindow [Xlib]	XCreateWindow [Xlib]
XDefaultColormap [Xlib]	XDefaultColormapOfScreen [Xlib]	XDefaultDepth [Xlib]	XDefaultDepthOfScreen [Xlib]
XDefaultGC [Xlib]	XDefaultGCOfScreen [Xlib]	XDefaultRootWindow [Xlib]	XDefaultScreen [Xlib]
XDefaultScreenOfDisplay [Xlib]	XDefaultString [Xlib]	XDefaultVisual [Xlib]	XDefaultVisualOfScreen [Xlib]
XDefineCursor [Xlib]	XDeleteContext [Xlib]	XDeleteModifiermapEntry [Xlib]	XDeleteProperty [Xlib]
XDestroyIC [Xlib]	XDestroyImage [Xlib]	XDestroyOC [Xlib]	XDestroyRegion [Xlib]
XDestroySubwindows [Xlib]	XDestroyWindow [Xlib]	XDirectionalDependentDrawing [Xlib]	XDisableAccessControl [Xlib]
XDisplayCells [Xlib]	XDisplayHeight [Xlib]	XDisplayHeightMM [Xlib]	XDisplayKeycodes [Xlib]
XDisplayMotionBufferSize [Xlib]	XDisplayName [Xlib]	XDisplayOfIM [Xlib]	XDisplayOfOM [Xlib]
XDisplayOfScreen [Xlib]	XDisplayPlanes [Xlib]	XDisplayString [Xlib]	XDisplayWidth [Xlib]
XDisplayWidthMM [Xlib]	XDoesBackingStore [Xlib]	XDoesSaveUnders [Xlib]	XDrawArc [Xlib]
XDrawArcs [Xlib]	XDrawImageString [Xlib]	XDrawImageString16 [Xlib]	XDrawLine [Xlib]

XDrawLines [Xlib]	XDrawPoint [Xlib]	XDrawPoints [Xlib]	XDrawRectangle [Xlib]
XDrawRectangles [Xlib]	XDrawSegments [Xlib]	XDrawString [Xlib]	XDrawString16 [Xlib]
XDrawText [Xlib]	XDrawText16 [Xlib]	XEHeadOfExtensionList [Xlib]	XESetBeforeFlush [Xlib]
XESetCloseDisplay [Xlib]	XESetCopyGC [Xlib]	XESetCreateFont [Xlib]	XESetCreateGC [Xlib]
XESetError [Xlib]	XESetErrorString [Xlib]	XESetEventToWire [Xlib]	XESetFlushGC [Xlib]
XESetFreeFont [Xlib]	XESetFreeGC [Xlib]	XESetPrintErrorValues [Xlib]	XESetWireToError [Xlib]
XESetWireToEvent [Xlib]	XEmptyRegion [Xlib]	XEnableAccessControl [Xlib]	XEqualRegion [Xlib]
XEventMaskOfScreen [Xlib]	XEventsQueued [Xlib]	XExtendedMaxRequestSize [Xlib]	XExtentsOfFontSet [Xlib]
XFetchBuffer [Xlib]	XFetchBytes [Xlib]	XFetchName [Xlib]	XFillArc [Xlib]
XFillArcs [Xlib]	XFillPolygon [Xlib]	XFillRectangle [Xlib]	XFillRectangles [Xlib]
XFilterEvent [Xlib]	XFindContext [Xlib]	XFindOnExtensionList [Xlib]	XFlush [Xlib]
XFlushGC [Xlib]	XFontsOfFontSet [Xlib]	XForceScreenSaver [Xlib]	XFree [Xlib]
XFreeColormap [Xlib]	XFreeColors [Xlib]	XFreeCursor [Xlib]	XFreeExtensionList [Xlib]
XFreeFont [Xlib]	XFreeFontInfo [Xlib]	XFreeFontNames [Xlib]	XFreeFontPath [Xlib]
XFreeFontSet [Xlib]	XFreeGC [Xlib]	XFreeModifiermap [Xlib]	XFreePixmap [Xlib]
XFreeStringList [Xlib]	XGContextFromGC [Xlib]	XGeometry [Xlib]	XGetAtomName [Xlib]
XGetAtomNames [Xlib]	XGetClassHint [Xlib]	XGetCommand [Xlib]	XGetDefault [Xlib]
XGetErrorDatabaseText [Xlib]	XGetErrorText [Xlib]	XGetFontPath [Xlib]	XGetFontProperty [Xlib]
XGetGCValues [Xlib]	XGetGeometry [Xlib]	XGetICValues [Xlib]	XGetIMValues [Xlib]
XGetIconName [Xlib]	XGetIconSizes [Xlib]	XGetImage [Xlib]	XGetInputFocus [Xlib]
XGetKeyboardControl [Xlib]	XGetKeyboardMapping [Xlib]	XGetModifierMapping [Xlib]	XGetMotionEvents [Xlib]
XGetNormalHints [Xlib]	XGetOCValues [Xlib]	XGetOMValues [Xlib]	XGetPixel [Xlib]
XGetPointerControl [Xlib]	XGetPointerMapping [Xlib]	XGetRGBColormaps [Xlib]	XGetScreenSaver [Xlib]

XGetSelectionOwner [Xlib]	XGetSizeHints [Xlib]	XGetStandardColormap [Xlib]	XGetSubImage [Xlib]
XGetTextProperty [Xlib]	XGetTransientForHint [Xlib]	XGetVisualInfo [Xlib]	XGetWMClientMachine [Xlib]
XGetWMColormapWindows [Xlib]	XGetWMHints [Xlib]	XGetWMIconName [Xlib]	XGetWMName [Xlib]
XGetWMNormalHints [Xlib]	XGetWMProtocols [Xlib]	XGetWMSizeHints [Xlib]	XGetWindowAttributes [Xlib]
XGetWindowProperty [Xlib]	XGetZoomHints [Xlib]	XGrabButton [Xlib]	XGrabKey [Xlib]
XGrabKeyboard [Xlib]	XGrabPointer [Xlib]	XGrabServer [Xlib]	XHeightMMOfScreen [Xlib]
XHeightOfScreen [Xlib]	XIMOfIC [Xlib]	XIconifyWindow [Xlib]	XIfEvent [Xlib]
XImageByteOrder [Xlib]	XInitExtension [Xlib]	XInitImage [Xlib]	XInitThreads [Xlib]
XInsertModifiermapEntry [Xlib]	XInstallColormap [Xlib]	XInternAtom [Xlib]	XInternAtoms [Xlib]
XInternalConnectionNumbers [Xlib]	XIntersectRegion [Xlib]	XKeycodeToKeysym [Xlib]	XKeysymToKeycode [Xlib]
XKeysymToString [Xlib]	XKillClient [Xlib]	XLastKnownRequestProcessed [Xlib]	XListDepths [Xlib]
XListExtensions [Xlib]	XListFonts [Xlib]	XListFontsWithInfo [Xlib]	XListHosts [Xlib]
XListInstalledColormaps [Xlib]	XListPixmapFormats [Xlib]	XListProperties [Xlib]	XLoadFont [Xlib]
XLoadQueryFont [Xlib]	XLocaleOfFontSet [Xlib]	XLocaleOfIM [Xlib]	XLocaleOfOM [Xlib]
XLockDisplay [Xlib]	XLookupColor [Xlib]	XLookupKeysym [Xlib]	XLookupString [Xlib]
XLowerWindow [Xlib]	XMapRaised [Xlib]	XMapSubwindows [Xlib]	XMapWindow [Xlib]
XMaskEvent [Xlib]	XMatchVisualInfo [Xlib]	XMaxCmapsOfScreen [Xlib]	XMaxRequestSize [Xlib]
XMinCmapsOfScreen [Xlib]	XMoveResizeWindow [Xlib]	XMoveWindow [Xlib]	XNewModifiermap [Xlib]
XNextEvent [Xlib]	XNextRequest [Xlib]	XNoOp [Xlib]	XOMOfOC [Xlib]
XOffsetRegion [Xlib]	XOpenDisplay [Xlib]	XOpenIM [Xlib]	XOpenOM [Xlib]
XParseColor [Xlib]	XParseGeometry [Xlib]	XPeekEvent [Xlib]	XPeekIfEvent [Xlib]
XPending [Xlib]	XPlanesOfScreen	XPointInRegion	XPolygonRegion

	[Xlib]	[Xlib]	[Xlib]
XProcessInternalConnection [Xlib]	XProtocolRevision [Xlib]	XProtocolVersion [Xlib]	XPutBackEvent [Xlib]
XPutImage [Xlib]	XPutPixel [Xlib]	XQLength [Xlib]	XQueryBestCursor [Xlib]
XQueryBestSize [Xlib]	XQueryBestStipple [Xlib]	XQueryBestTile [Xlib]	XQueryColor [Xlib]
XQueryColors [Xlib]	XQueryExtension [Xlib]	XQueryFont [Xlib]	XQueryKeymap [Xlib]
XQueryPointer [Xlib]	XQueryTextExtents [Xlib]	XQueryTextExtents16 [Xlib]	XQueryTree [Xlib]
XRaiseWindow [Xlib]	XReadBitmapFile [Xlib]	XReadBitmapFileData [Xlib]	XRebindKeysym [Xlib]
XRecolorCursor [Xlib]	XReconfigureWMWindow [Xlib]	XRectInRegion [Xlib]	XRefreshKeyboardMapping [Xlib]
XRegisterIMInstantiateCallback [Xlib]	XRemoveConnectionWatch [Xlib]	XRemoveFromSaveSet [Xlib]	XRemoveHost [Xlib]
XRemoveHosts [Xlib]	XReparentWindow [Xlib]	XResetScreenSaver [Xlib]	XResizeWindow [Xlib]
XResourceManagerString [Xlib]	XRestackWindows [Xlib]	XRootWindow [Xlib]	XRootWindowOfScreen [Xlib]
XRotateBuffers [Xlib]	XRotateWindowProperties [Xlib]	XSaveContext [Xlib]	XScreenCount [Xlib]
XScreenNumberOfScreen [Xlib]	XScreenOfDisplay [Xlib]	XScreenResourceString [Xlib]	XSelectInput [Xlib]
XSendEvent [Xlib]	XServerVendor [Xlib]	XSetAccessControl [Xlib]	XSetAfterFunction [Xlib]
XSetArcMode [Xlib]	XSetAuthorization [Xlib]	XSetBackground [Xlib]	XSetClassHint [Xlib]
XSetClipMask [Xlib]	XSetClipOrigin [Xlib]	XSetClipRectangles [Xlib]	XSetCloseDownMode [Xlib]
XSetCommand [Xlib]	XSetDashes [Xlib]	XSetErrorHandler [Xlib]	XSetFillRule [Xlib]
XSetFillStyle [Xlib]	XSetFont [Xlib]	XSetFontPath [Xlib]	XSetForeground [Xlib]
XSetFunction [Xlib]	XSetGraphicsExposures [Xlib]	XSetICFocus [Xlib]	XSetICValues [Xlib]
XSetIMValues [Xlib]	XSetIOErrorHandler [Xlib]	XSetIconName [Xlib]	XSetIconSizes [Xlib]
XSetInputFocus [Xlib]	XSetLineAttributes [Xlib]	XSetLocaleModifiers [Xlib]	XSetModifierMapping [Xlib]
XSetNormalHints [Xlib]	XSetOCValues [Xlib]	XSetOMValues [Xlib]	XSetPlaneMask [Xlib]

XSetPointerMapping [Xlib]	XSetRGBColormaps [Xlib]	XSetRegion [Xlib]	XSetScreenSaver [Xlib]
XSetSelectionOwner [Xlib]	XSetSizeHints [Xlib]	XSetStandardColormap [Xlib]	XSetStandardProperties [Xlib]
XSetState [Xlib]	XSetStipple [Xlib]	XSetSubwindowMode [Xlib]	XSetTSOrigin [Xlib]
XSetTextProperty [Xlib]	XSetTile [Xlib]	XSetTransientForHint [Xlib]	XSetWMClientMachine [Xlib]
XSetWMColormapWindows [Xlib]	XSetWMHints [Xlib]	XSetWMIconName [Xlib]	XSetWMName [Xlib]
XSetWMNormalHints [Xlib]	XSetWMProperties [Xlib]	XSetWMProtocols [Xlib]	XSetWMSizeHints [Xlib]
XSetWindowBackground [Xlib]	XSetWindowBackgroundPixmap [Xlib]	XSetWindowBorder [Xlib]	XSetWindowBorderPixmap [Xlib]
XSetWindowBorderWidth [Xlib]	XSetWindowColormap [Xlib]	XSetZoomHints [Xlib]	XShrinkRegion [Xlib]
XStoreBuffer [Xlib]	XStoreBytes [Xlib]	XStoreColor [Xlib]	XStoreColors [Xlib]
XStoreName [Xlib]	XStoreNamedColor [Xlib]	XStringListToTextProperty [Xlib]	XStringToKeysym [Xlib]
XSubImage [Xlib]	XSubtractRegion [Xlib]	XSupportsLocale [Xlib]	XSync [Xlib]
XSynchronize [Xlib]	XTextExtents [Xlib]	XTextExtents16 [Xlib]	XTextPropertyToStringList [Xlib]
XTextWidth [Xlib]	XTextWidth16 [Xlib]	XTranslateCoordinates [Xlib]	XUndefineCursor [Xlib]
XUngrabButton [Xlib]	XUngrabKey [Xlib]	XUngrabKeyboard [Xlib]	XUngrabPointer [Xlib]
XUngrabServer [Xlib]	XUninstallColormap [Xlib]	XUnionRectWithRegion [Xlib]	XUnionRegion [Xlib]
XUnloadFont [Xlib]	XUnlockDisplay [Xlib]	XUnmapSubwindows [Xlib]	XUnmapWindow [Xlib]
XUnregisterIMInstantiateCallback [Xlib]	XUnsetICFocus [Xlib]	XVaCreateNestedList [Xlib]	XVendorRelease [Xlib]
XVisualIDFromVisual [Xlib]	XWMGeometry [Xlib]	XWarpPointer [Xlib]	XWhitePixel [Xlib]
XWhitePixelOfScreen [Xlib]	XWidthMMOfScreen [Xlib]	XWidthOfScreen [Xlib]	XWindowEvent [Xlib]
XWithdrawWindow [Xlib]	XWriteBitmapFile [Xlib]	XXorRegion [Xlib]	XauDisposeAuth [Xlib]
XauFileName [Xlib]	XauGetBestAuthByAddr [Xlib]	XauReadAuth [Xlib]	XcmsAddColorSpace [Xlib]
XcmsAddFuncti	XcmsAllocColor	XcmsAllocName	XcmsCCCOfCol

onSet [Xlib]	[Xlib]	dColor [Xlib]	ormap [Xlib]
XcmsCIELabClipL [Xlib]	XcmsCIELabClipLab [Xlib]	XcmsCIELabClipab [Xlib]	XcmsCIELabQueryMaxC [Xlib]
XcmsCIELabQueryMaxL [Xlib]	XcmsCIELabQueryMaxLC [Xlib]	XcmsCIELabQueryMinL [Xlib]	XcmsCIELabToCIEXYZ [Xlib]
XcmsCIELabWhiteShiftColors [Xlib]	XcmsCIELuvClipL [Xlib]	XcmsCIELuvClipLuv [Xlib]	XcmsCIELuvClipuv [Xlib]
XcmsCIELuvQueryMaxC [Xlib]	XcmsCIELuvQueryMaxL [Xlib]	XcmsCIELuvQueryMaxLC [Xlib]	XcmsCIELuvQueryMinL [Xlib]
XcmsCIELuvToCIEuvY [Xlib]	XcmsCIELuvWhiteShiftColors [Xlib]	XcmsCIEXYZToCIELab [Xlib]	XcmsCIEXYZToCIEuvY [Xlib]
XcmsCIEXYZToCIExyY [Xlib]	XcmsCIEXYZToRGBi [Xlib]	XcmsCIEuvYToCIELuv [Xlib]	XcmsCIEuvYToCIEXYZ [Xlib]
XcmsCIEuvYToTekHVC [Xlib]	XcmsCIExyYToCIEXYZ [Xlib]	XcmsClientWhitePointOfCCC [Xlib]	XcmsConvertColors [Xlib]
XcmsCreateCCC [Xlib]	XcmsDefaultCCC [Xlib]	XcmsDisplayOfCCC [Xlib]	XcmsFormatOfPrefix [Xlib]
XcmsFreeCCC [Xlib]	XcmsLookupColor [Xlib]	XcmsPrefixOfFormat [Xlib]	XcmsQueryBlack [Xlib]
XcmsQueryBlue [Xlib]	XcmsQueryColor [Xlib]	XcmsQueryColors [Xlib]	XcmsQueryGreen [Xlib]
XcmsQueryRed [Xlib]	XcmsQueryWhite [Xlib]	XcmsRGBToRGBi [Xlib]	XcmsRGBiToCIEXYZ [Xlib]
XcmsRGBiToRGB [Xlib]	XcmsScreenNumberOfCCC [Xlib]	XcmsScreenWhitePointOfCCC [Xlib]	XcmsSetCCCOfColormap [Xlib]
XcmsSetCompressionProc [Xlib]	XcmsSetWhiteAdjustProc [Xlib]	XcmsSetWhitePoint [Xlib]	XcmsStoreColor [Xlib]
XcmsStoreColors [Xlib]	XcmsTekHVCClipC [Xlib]	XcmsTekHVCClipV [Xlib]	XcmsTekHVCClipVC [Xlib]
XcmsTekHVCQueryMaxC [Xlib]	XcmsTekHVCQueryMaxV [Xlib]	XcmsTekHVCQueryMaxVC [Xlib]	XcmsTekHVCQueryMaxVSamples [Xlib]
XcmsTekHVCQueryMinV [Xlib]	XcmsTekHVCToCIEuvY [Xlib]	XcmsTekHVCWhiteShiftColors [Xlib]	XcmsVisualOfCCC [Xlib]
XkbAllocClientMap [XKBlib]	XkbAllocCompatMap [XKBlib]	XkbAllocControls [XKBlib]	XkbAllocGeomColors [XKBlib]
XkbAllocGeomDoodads [XKBlib]	XkbAllocGeomKeyAliases [XKBlib]	XkbAllocGeomKeys [XKBlib]	XkbAllocGeomOutlines [XKBlib]
XkbAllocGeomOverlayKeys	XkbAllocGeomOverlayRows	XkbAllocGeomOverlays [XKBlib]	XkbAllocGeomPoints [XKBlib]

[XKBlib]	[XKBlib]		
XkbAllocGeomProps [XKBlib]	XkbAllocGeomRows [XKBlib]	XkbAllocGeomSectionDoodads [XKBlib]	XkbAllocGeomSections [XKBlib]
XkbAllocGeomShapes [XKBlib]	XkbAllocGeometry [XKBlib]	XkbAllocIndicatorMaps [XKBlib]	XkbAllocKeyboard [XKBlib]
XkbAllocNames [XKBlib]	XkbAllocServerMap [XKBlib]	XkbApplyCompatMapToKey [XKBlib]	XkbBell [XKBlib]
XkbBellEvent [XKBlib]	XkbChangeEnabledControls [XKBlib]	XkbChangeMap [XKBlib]	XkbChangeNames [XKBlib]
XkbChangeTypesOfKey [XKBlib]	XkbComputeEffectiveMap [XKBlib]	XkbComputeRowBounds [XKBlib]	XkbComputeSectionBounds [XKBlib]
XkbComputeShapeBounds [XKBlib]	XkbComputeShapeTop [XKBlib]	XkbCopyKeyType [XKBlib]	XkbCopyKeyTypes [XKBlib]
XkbFindOverlayForKey [XKBlib]	XkbForceBell [XKBlib]	XkbFreeClientMap [XKBlib]	XkbFreeCompatMap [XKBlib]
XkbFreeComponentList [XKBlib]	XkbFreeControls [XKBlib]	XkbFreeGeomColors [XKBlib]	XkbFreeGeomDoodads [XKBlib]
XkbFreeGeomKeyAliases [XKBlib]	XkbFreeGeomKeys [XKBlib]	XkbFreeGeomOutlines [XKBlib]	XkbFreeGeomOverlayKeys [XKBlib]
XkbFreeGeomOverlayRows [XKBlib]	XkbFreeGeomOverlays [XKBlib]	XkbFreeGeomPoints [XKBlib]	XkbFreeGeomProperties [XKBlib]
XkbFreeGeomRows [XKBlib]	XkbFreeGeomSections [XKBlib]	XkbFreeGeomShapes [XKBlib]	XkbFreeGeometry [XKBlib]
XkbFreeIndicatorMaps [XKBlib]	XkbFreeKeyboard [XKBlib]	XkbFreeNames [XKBlib]	XkbFreeServerMap [XKBlib]
XkbGetAutoRepeatRate [XKBlib]	XkbGetCompatMap [XKBlib]	XkbGetControls [XKBlib]	XkbGetGeometry [XKBlib]
XkbGetIndicatorMap [XKBlib]	XkbGetIndicatorState [XKBlib]	XkbGetKeyActions [XKBlib]	XkbGetKeyBehaviors [XKBlib]
XkbGetKeyExplicitComponents [XKBlib]	XkbGetKeyModifierMap [XKBlib]	XkbGetKeySyms [XKBlib]	XkbGetKeyTypes [XKBlib]
XkbGetKeyboard [XKBlib]	XkbGetKeyboardByName [XKBlib]	XkbGetMap [XKBlib]	XkbGetMapChanges [XKBlib]
XkbGetNamedGeometry [XKBlib]	XkbGetNamedIndicator [XKBlib]	XkbGetNames [XKBlib]	XkbGetPerClientControls [XKBlib]
XkbGetState [XKBlib]	XkbGetUpdatedMap [XKBlib]	XkbGetVirtualMods [XKBlib]	XkbGetXlibControls [XKBlib]

© 2008 Linux Foundation

XkbIgnoreExtension [XKBlib]	XkbInitCanonicalKeyTypes [XKBlib]	XkbKeyTypesForCoreSymbols [XKBlib]	XkbKeycodeToKeysym [XKBlib]
XkbKeysymToModifiers [XKBlib]	XkbLatchGroup [XKBlib]	XkbLatchModifiers [XKBlib]	XkbLibraryVersion [XKBlib]
XkbListComponents [XKBlib]	XkbLockGroup [XKBlib]	XkbLockModifiers [XKBlib]	XkbLookupKeyBinding [XKBlib]
XkbLookupKeySym [XKBlib]	XkbNoteControlsChanges [XKBlib]	XkbNoteMapChanges [XKBlib]	XkbNoteNameChanges [XKBlib]
XkbOpenDisplay [XKBlib]	XkbQueryExtension [XKBlib]	XkbRefreshKeyboardMapping [XKBlib]	XkbResizeKeyActions [XKBlib]
XkbResizeKeySyms [XKBlib]	XkbResizeKeyType [XKBlib]	XkbSelectEventDetails [XKBlib]	XkbSelectEvents [XKBlib]
XkbSetAtomFuncs [XKBlib]	XkbSetAutoRepeatRate [XKBlib]	XkbSetAutoResetControls [XKBlib]	XkbSetCompatMap [XKBlib]
XkbSetControls [XKBlib]	XkbSetDebuggingFlags [XKBlib]	XkbSetDetectableAutoRepeat [XKBlib]	XkbSetGeometry [XKBlib]
XkbSetIgnoreLockMods [XKBlib]	XkbSetIndicatorMap [XKBlib]	XkbSetMap [XKBlib]	XkbSetNamedIndicator [XKBlib]
XkbSetNames [XKBlib]	XkbSetPerClientControls [XKBlib]	XkbSetServerInternalMods [XKBlib]	XkbSetXlibControls [XKBlib]
XkbToControl [XKBlib]	XkbTranslateKeyCode [XKBlib]	XkbTranslateKeySym [XKBlib]	XkbUpdateMapFromCore [XKBlib]
XkbUseExtension [XKBlib]	XkbVirtualModsToReal [XKBlib]	XmbDrawImageString [Xlib]	XmbDrawString [Xlib]
XmbDrawText [Xlib]	XmbLookupString [Xlib]	XmbResetIC [Xlib]	XmbSetWMProperties [Xlib]
XmbTextEscapement [Xlib]	XmbTextExtents [Xlib]	XmbTextListToTextProperty [Xlib]	XmbTextPerCharExtents [Xlib]
XmbTextPropertyToTextList [Xlib]	XrmCombineDatabase [Xlib]	XrmCombineFileDatabase [Xlib]	XrmDestroyDatabase [Xlib]
XrmEnumerateDatabase [Xlib]	XrmGetDatabase [Xlib]	XrmGetFileDatabase [Xlib]	XrmGetResource [Xlib]
XrmGetStringDatabase [Xlib]	XrmInitialize [Xlib]	XrmLocaleOfDatabase [Xlib]	XrmMergeDatabases [Xlib]
XrmParseCommand [Xlib]	XrmPermStringToQuark [Xlib]	XrmPutFileDatabase [Xlib]	XrmPutLineResource [Xlib]
XrmPutResource [Xlib]	XrmPutStringResource [Xlib]	XrmQGetResource [Xlib]	XrmQGetSearchList [Xlib]

XrmQGetSearchResource [Xlib]	XrmQPutResource [Xlib]	XrmQPutStringResource [Xlib]	XrmQuarkToString [Xlib]
XrmSetDatabase [Xlib]	XrmStringToBindingQuarkList [Xlib]	XrmStringToQuark [Xlib]	XrmStringToQuarkList [Xlib]
XrmUniqueQuark [Xlib]	Xutf8TextListToTextProperty [LSB]	Xutf8TextPropertyToTextList [LSB]	XwcDrawImageString [Xlib]
XwcDrawString [Xlib]	XwcDrawText [Xlib]	XwcFreeStringList [Xlib]	XwcLookupString [Xlib]
XwcResetIC [Xlib]	XwcTextEscapement [Xlib]	XwcTextExtents [Xlib]	XwcTextListToTextProperty [Xlib]
XwcTextPerCharExtents [Xlib]	XwcTextPropertyToTextList [Xlib]		

6.2 Data Definitions for libX11

This section defines global identifiers and their values that are associated with interfaces contained in libX11. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

6.2.1 X11/X.h

```
#define X_PROTOCOL_REVISION     0
#define X_PROTOCOL      11

typedef unsigned long int XID;
typedef unsigned long int Mask;
typedef unsigned long int Atom;
typedef unsigned long int VisualID;
typedef unsigned long int Time;
typedef XID Window;
typedef XID Font;
typedef XID Pixmap;
typedef unsigned char KeyCode;
typedef XID Drawable;
typedef XID Cursor;
typedef XID Colormap;
typedef XID GContext;
typedef XID KeySym;
```

```
#define AllTemporary    0L
#define AnyButton       0L
#define AnyKey  0L
#define AnyPropertyType 0L
#define CopyFromParent  0L
#define CurrentTime     0L
#define NoSymbol        0L
#define None    0L
#define PointerWindow   0L
#define InputFocus      1L
#define ParentRelative  1L
#define PointerRoot     1L

#define KeyPressMask    (1L<<0)
#define KeyReleaseMask  (1L<<1)
#define Button3MotionMask       (1L<<10)
#define Button4MotionMask       (1L<<11)
#define Button5MotionMask       (1L<<12)
#define ButtonMotionMask        (1L<<13)
#define KeymapStateMask (1L<<14)
#define ExposureMask    (1L<<15)
#define VisibilityChangeMask    (1L<<16)
#define StructureNotifyMask     (1L<<17)
#define ResizeRedirectMask      (1L<<18)
#define SubstructureNotifyMask  (1L<<19)
#define ButtonPressMask (1L<<2)
#define SubstructureRedirectMask        (1L<<20)
#define FocusChangeMask (1L<<21)
#define PropertyChangeMask      (1L<<22)
#define ColormapChangeMask      (1L<<23)
#define OwnerGrabButtonMask     (1L<<24)
#define ButtonReleaseMask       (1L<<3)
#define EnterWindowMask (1L<<4)
#define LeaveWindowMask (1L<<5)
#define PointerMotionMask       (1L<<6)
#define PointerMotionHintMask   (1L<<7)
#define Button1MotionMask       (1L<<8)
#define Button2MotionMask       (1L<<9)

#define NoEventMask     0L
#define FocusOut        10
#define KeymapNotify    11
#define Expose  12
#define GraphicsExpose  13
#define NoExpose        14
#define VisibilityNotify        15
#define CreateNotify    16
#define DestroyNotify   17
#define UnmapNotify     18
#define MapNotify       19
#define KeyPress        2
#define MapRequest      20
#define ReparentNotify  21
#define ConfigureNotify 22
#define ConfigureRequest        23
#define GravityNotify   24
#define ResizeRequest   25
#define CirculateNotify 26
#define CirculateRequest        27
#define PropertyNotify  28
#define SelectionClear  29
#define KeyRelease      3
#define SelectionRequest        30
#define SelectionNotify 31
#define ColormapNotify  32
```

```
#define ClientMessage   33
#define MappingNotify   34
#define LASTEvent       35
#define ButtonPress     4
#define ButtonRelease   5
#define MotionNotify    6
#define EnterNotify     7
#define LeaveNotify     8
#define FocusIn 9

#define ShiftMask       (1<<0)
#define LockMask        (1<<1)
#define ControlMask     (1<<2)
#define Mod1Mask        (1<<3)
#define Mod2Mask        (1<<4)
#define Mod3Mask        (1<<5)
#define Mod4Mask        (1<<6)
#define Mod5Mask        (1<<7)

#define ShiftMapIndex   0
#define LockMapIndex    1
#define ControlMapIndex 2
#define Mod1MapIndex    3
#define Mod2MapIndex    4
#define Mod3MapIndex    5
#define Mod4MapIndex    6
#define Mod5MapIndex    7

#define Button3Mask     (1<<10)
#define Button4Mask     (1<<11)
#define Button5Mask     (1<<12)
#define AnyModifier     (1<<15)
#define Button1Mask     (1<<8)
#define Button2Mask     (1<<9)

#define Button1 1
#define Button2 2
#define Button3 3
#define Button4 4
#define Button5 5

#define NotifyNormal    0
#define NotifyGrab      1
#define NotifyHint      1
#define NotifyUngrab    2
#define NotifyWhileGrabbed      3

#define NotifyAncestor  0
#define NotifyVirtual   1
#define NotifyInferior  2
#define NotifyNonlinear 3
#define NotifyNonlinearVirtual  4
#define NotifyPointer   5
#define NotifyPointerRoot       6
#define NotifyDetailNone        7

#define VisibilityUnobscured    0
#define VisibilityPartiallyObscured     1
#define VisibilityFullyObscured 2

#define PlaceOnTop      0
#define PlaceOnBottom   1

#define FamilyInternet  0
#define FamilyDECnet    1
#define FamilyChaos     2
```

© 2008 Linux Foundation

```
#define FamilyServerInterpreted 5
#define FamilyInternet6 6       /* IPv6 */

#define PropModeReplace 0
#define PropertyNewValue        0
#define PropertyDelete  1

#define ColormapUninstalled     0
#define ColormapInstalled       1

#define GrabModeSync    0
#define GrabModeAsync   1

#define GrabSuccess     0
#define AlreadyGrabbed  1
#define GrabInvalidTime 2
#define GrabNotViewable 3
#define GrabFrozen      4

#define AsyncPointer    0
#define SyncPointer     1
#define ReplayPointer   2
#define AsyncKeyboard   3
#define SyncKeyboard    4
#define ReplayKeyboard  5
#define AsyncBoth       6
#define SyncBoth        7

#define RevertToNone    (int)None
#define RevertToPointerRoot     (int)PointerRoot
#define RevertToParent  2

#define Success 0
#define BadRequest      1
#define BadAccess       10
#define BadAlloc        11
#define BadColor        12
#define FirstExtensionError     128
#define BadGC   13
#define BadIDChoice     14
#define BadName 15
#define BadLength       16
#define BadImplementation       17
#define BadValue        2
#define LastExtensionError      255
#define BadWindow       3
#define BadPixmap       4
#define BadAtom 5
#define BadCursor       6
#define BadFont 7
#define BadMatch        8
#define BadDrawable     9

#define CWX     (1<<0)
#define InputOutput     1
#define InputOnly       2

#define CWBackPixmap    (1L<<0)
#define CWBackPixel     (1L<<1)
#define CWSaveUnder     (1L<<10)
#define CWEventMask     (1L<<11)
#define CWDontPropagate (1L<<12)
#define CWColormap      (1L<<13)
#define CWCursor        (1L<<14)
#define CWBorderPixmap  (1L<<2)
#define CWBorderPixel   (1L<<3)
```

```
#define CWBitGravity    (1L<<4)
#define CWWinGravity    (1L<<5)
#define CWBackingStore  (1L<<6)
#define CWBackingPlanes (1L<<7)
#define CWBackingPixel  (1L<<8)
#define CWOverrideRedirect      (1L<<9)

#define CWY     (1<<1)
#define CWWidth (1<<2)
#define CWHeight        (1<<3)
#define CWBorderWidth   (1<<4)
#define CWSibling       (1<<5)
#define CWStackMode     (1<<6)

#define ForgetGravity   0
#define UnmapGravity    0
#define NorthWestGravity        1
#define StaticGravity   10
#define NorthGravity    2
#define NorthEastGravity        3
#define WestGravity     4
#define CenterGravity   5
#define EastGravity     6
#define SouthWestGravity        7
#define SouthGravity    8
#define SouthEastGravity        9

#define NotUseful       0
#define WhenMapped      1
#define Always  2

#define IsUnmapped      0
#define IsUnviewable    1
#define IsViewable      2

#define SetModeInsert   0
#define SetModeDelete   1

#define DestroyAll      0
#define RetainPermanent 1
#define RetainTemporary 2

#define Above   0
#define Below   1
#define TopIf   2
#define BottomIf        3
#define Opposite        4

#define RaiseLowest     0
#define LowerHighest    1

#define PropModePrepend 1
#define PropModeAppend  2

#define GXclear 0x0
#define GXand   0x1
#define GXandReverse    0x2
#define GXcopy  0x3
#define GXandInverted   0x4
#define GXnoop  0x5
#define GXxor   0x6
#define GXor    0x7
#define GXnor   0x8
#define GXequiv 0x9
#define GXinvert        0xa
#define GXorReverse     0xb
```

```
#define GXcopyInverted  0xc
#define GXorInverted    0xd
#define GXnand  0xe
#define GXset   0xf

#define LineSolid       0
#define LineOnOffDash   1
#define LineDoubleDash  2

#define CapNotLast      0
#define CapButt 1
#define CapRound        2
#define CapProjecting   3

#define JoinMiter       0
#define JoinRound       1
#define JoinBevel       2

#define FillSolid       0
#define FillTiled       1
#define FillStippled    2
#define FillOpaqueStippled      3

#define EvenOddRule     0
#define WindingRule     1

#define ClipByChildren  0
#define IncludeInferiors        1

#define Unsorted        0
#define XYBitmap        0
#define YSorted 1
#define YXSorted        2
#define YXBanded        3

#define CoordModeOrigin 0
#define CoordModePrevious       1

#define Complex 0
#define Nonconvex       1
#define Convex  2

#define ArcChord        0
#define ArcPieSlice     1

#define GCFunction      (1L<<0)
#define GCPlaneMask     (1L<<1)
#define GCTile  (1L<<10)
#define GCStipple       (1L<<11)
#define GCTileStipXOrigin       (1L<<12)
#define GCTileStipYOrigin       (1L<<13)
#define GCFont  (1L<<14)
#define GCSubwindowMode (1L<<15)
#define GCGraphicsExposures     (1L<<16)
#define GCClipXOrigin   (1L<<17)
#define GCClipYOrigin   (1L<<18)
#define GCClipMask      (1L<<19)
#define GCForeground    (1L<<2)
#define GCDashOffset    (1L<<20)
#define GCDashList      (1L<<21)
#define GCArcMode       (1L<<22)
#define GCBackground    (1L<<3)
#define GCLineWidth     (1L<<4)
#define GCLineStyle     (1L<<5)
#define GCCapStyle      (1L<<6)
#define GCJoinStyle     (1L<<7)
```

```
#define GCFillStyle     (1L<<8)
#define GCFillRule      (1L<<9)
#define GCLastBit       22
#define FontChange      255

#define FontLeftToRight 0
#define FontRightToLeft 1

#define XYPixmap        1
#define ZPixmap 2

#define AllocNone       0
#define AllocAll        1

#define DoRed   (1<<0)
#define DoGreen (1<<1)
#define DoBlue  (1<<2)

#define CursorShape     0
#define TileShape       1
#define StippleShape    2

#define AutoRepeatModeOff       0
#define LedModeOff      0
#define AutoRepeatModeOn        1
#define LedModeOn       1
#define AutoRepeatModeDefault   2

#define KBKeyClickPercent       (1L<<0)
#define KBBellPercent   (1L<<1)
#define KBBellPitch     (1L<<2)
#define KBBellDuration  (1L<<3)
#define KBLed   (1L<<4)
#define KBLedMode       (1L<<5)
#define KBKey   (1L<<6)
#define KBAutoRepeatMode        (1L<<7)
#define MappingModifier 0
#define MappingSuccess  0
#define MappingBusy     1
#define MappingKeyboard 1
#define MappingFailed   2
#define MappingPointer  2

#define DisableScreenInterval   0
#define DisableScreenSaver      0
#define DontAllowExposures      0
#define DontPreferBlanking      0
#define AllowExposures  1
#define PreferBlanking  1
#define DefaultBlanking 2
#define DefaultExposures        2

#define ScreenSaverReset        0
#define ScreenSaverActive       1

#define HostInsert      0
#define HostDelete      1

#define DisableAccess   0
#define EnableAccess    1

#define StaticGray      0
#define GrayScale       1
#define StaticColor     2
#define PseudoColor     3
#define TrueColor       4
```

```
#define DirectColor     5

#define LSBFirst        0
#define MSBFirst        1
```

6.2.2 X11/XKBlib.h

```
#define _XKBLIB_H_
#define   XkbNoteIndicatorMapChanges(o,n,w)                  ((o)-
>map_changes|=((n)->map_changes&(w)))
#define   XkbNoteIndicatorStateChanges(o,n,w)                ((o)-
>state_changes|=((n)->state_changes&(w)))
#define XkbLC_AllComposeControls        (0xc0000000)
#define XkbLC_AllControls       (0xc000001f)
#define XkbLC_ForceLatin1Lookup (1<<0)
#define XkbLC_ConsumeLookupMods (1<<1)
#define XkbLC_AlwaysConsumeShiftAndLock (1<<2)
#define XkbLC_ConsumeKeysOnComposeFail  (1<<29)
#define XkbLC_IgnoreNewKeyboards        (1<<3)
#define XkbLC_ComposeLED        (1<<30)
#define XkbLC_BeepOnComposeFail (1<<31)
#define XkbLC_ControlFallback   (1<<4)
#define                           XkbGetIndicatorMapChanges(d,x,c)
(XkbGetIndicatorMap((d),(c)->map_changes,x))
#define  XkbChangeIndicatorMaps(d,x,c)    (XkbSetIndicatorMap((d),
(c)->map_changes,x))
#define XkbOD_Success   0
#define XkbOD_BadLibraryVersion 1
#define XkbOD_ConnectionRefused 2
#define XkbOD_NonXkbServer      3
#define XkbOD_BadServerVersion  4
#define  XkbGetControlsChanges(d,x,c)       XkbGetControls(d,(c)-
>changed_ctrls,x)
#define  XkbChangeControls(d,x,c)           XkbSetControls(d,(c)-
>changed_ctrls,x)

typedef struct _XkbAnyEvent {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    unsigned int device;
} XkbAnyEvent;
typedef struct _XkbNewKeyboardNotify {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    int old_device;
    int min_key_code;
    int max_key_code;
    int old_min_key_code;
    int old_max_key_code;
    unsigned int changed;
    char req_major;
    char req_minor;
} XkbNewKeyboardNotifyEvent;
typedef struct _XkbMapNotifyEvent {
    int type;
```

```
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    unsigned int changed;
    unsigned int flags;
    int first_type;
    int num_types;
    KeyCode min_key_code;
    KeyCode max_key_code;
    KeyCode first_key_sym;
    KeyCode first_key_act;
    KeyCode first_key_behavior;
    KeyCode first_key_explicit;
    KeyCode first_modmap_key;
    KeyCode first_vmodmap_key;
    int num_key_syms;
    int num_key_acts;
    int num_key_behaviors;
    int num_key_explicit;
    int num_modmap_keys;
    int num_vmodmap_keys;
    unsigned int vmods;
} XkbMapNotifyEvent;
typedef struct _XkbStateNotifyEvent {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    unsigned int changed;
    int group;
    int base_group;
    int latched_group;
    int locked_group;
    unsigned int mods;
    unsigned int base_mods;
    unsigned int latched_mods;
    unsigned int locked_mods;
    int compat_state;
    unsigned char grab_mods;
    unsigned char compat_grab_mods;
    unsigned char lookup_mods;
    unsigned char compat_lookup_mods;
    int ptr_buttons;
    KeyCode keycode;
    char event_type;
    char req_major;
    char req_minor;
} XkbStateNotifyEvent;
typedef struct _XkbControlsNotify {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    unsigned int changed_ctrls;
    unsigned int enabled_ctrls;
    unsigned int enabled_ctrl_changes;
    int num_groups;
```

```
    KeyCode keycode;
    char event_type;
    char req_major;
    char req_minor;
} XkbControlsNotifyEvent;
typedef struct _XkbIndicatorNotify {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    unsigned int changed;
    unsigned int state;
} XkbIndicatorNotifyEvent;
typedef struct _XkbNamesNotify {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    unsigned int changed;
    int first_type;
    int num_types;
    int first_lvl;
    int num_lvls;
    int num_aliases;
    int num_radio_groups;
    unsigned int changed_vmods;
    unsigned int changed_groups;
    unsigned int changed_indicators;
    int first_key;
    int num_keys;
} XkbNamesNotifyEvent;
typedef struct _XkbCompatMapNotify {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    unsigned int changed_groups;
    int first_si;
    int num_si;
    int num_total_si;
} XkbCompatMapNotifyEvent;
typedef struct _XkbBellNotify {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    int percent;
    int pitch;
    int duration;
    int bell_class;
    int bell_id;
    Atom name;
    Window window;
    int event_only;
```

```
} XkbBellNotifyEvent;
typedef struct _XkbActionMessage {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    KeyCode keycode;
    int press;
    int key_event_follows;
    int group;
    unsigned int mods;
    char message;
} XkbActionMessageEvent;
typedef struct _XkbAccessXNotify {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    int detail;
    int keycode;
    int sk_delay;
    int debounce_delay;
} XkbAccessXNotifyEvent;
typedef struct _XkbExtensionDeviceNotify {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Time time;
    int xkb_type;
    int device;
    unsigned int reason;
    unsigned int supported;
    unsigned int unsupported;
    int first_btn;
    int num_btns;
    unsigned int leds_defined;
    unsigned int led_state;
    int led_class;
    int led_id;
} XkbExtensionDeviceNotifyEvent;
union _XkbEvent {
    int type;
    XkbAnyEvent any;
    XkbNewKeyboardNotifyEvent new_kbd;
    XkbMapNotifyEvent map;
    XkbStateNotifyEvent state;
    XkbControlsNotifyEvent ctrls;
    XkbIndicatorNotifyEvent indicators;
    XkbNamesNotifyEvent names;
    XkbCompatMapNotifyEvent compat;
    XkbBellNotifyEvent bell;
    XkbActionMessageEvent message;
    XkbAccessXNotifyEvent accessx;
    XkbExtensionDeviceNotifyEvent device;
    XEvent core;
};
typedef union _XkbEvent {
    int type;
    XkbAnyEvent any;
```

```
    XkbNewKeyboardNotifyEvent new_kbd;
    XkbMapNotifyEvent map;
    XkbStateNotifyEvent state;
    XkbControlsNotifyEvent ctrls;
    XkbIndicatorNotifyEvent indicators;
    XkbNamesNotifyEvent names;
    XkbCompatMapNotifyEvent compat;
    XkbBellNotifyEvent bell;
    XkbActionMessageEvent message;
    XkbAccessXNotifyEvent accessx;
    XkbExtensionDeviceNotifyEvent device;
    XEvent core;
} XkbEvent;
typedef struct _XkbKbdDpyState XkbKbdDpyStateRec;
typedef struct _XkbKbdDpyState *XkbKbdDpyStatePtr;
typedef Atom(*XkbInternAtomFunc) (Display *, const char *, int);
typedef char *(*XkbGetAtomNameFunc) (Display *, Atom);
extern int XkbAllocClientMap(XkbDescPtr, unsigned int, unsigned
int);
extern int XkbAllocCompatMap(XkbDescPtr, unsigned int, unsigned
int);
extern int XkbAllocControls(XkbDescPtr, unsigned int);
extern int XkbAllocIndicatorMaps(XkbDescPtr);
extern XkbDescPtr XkbAllocKeyboard(void);
extern int XkbAllocNames(XkbDescPtr, unsigned int, int, int);
extern int XkbAllocServerMap(XkbDescPtr, unsigned int, unsigned
int);
extern     int     XkbApplyCompatMapToKey(XkbDescPtr,     KeyCode,
XkbChangesPtr);
extern int XkbBell(Display *, Window, int, Atom);
extern int XkbBellEvent(Display *, Window, int, Atom);
extern int XkbChangeEnabledControls(Display *, unsigned int,
unsigned int,
                                    unsigned int);
extern int XkbChangeMap(Display *, XkbDescPtr, XkbMapChangesPtr);
extern     int     XkbChangeNames(Display     *,     XkbDescPtr,
XkbNameChangesPtr);
extern int XkbChangeTypesOfKey(XkbDescPtr, int, int, unsigned
int, int *,
                               XkbMapChangesPtr);
extern int XkbComputeEffectiveMap(XkbDescPtr, XkbKeyTypePtr,
                                  unsigned char *);
extern int XkbCopyKeyType(XkbKeyTypePtr, XkbKeyTypePtr);
extern int XkbCopyKeyTypes(XkbKeyTypePtr, XkbKeyTypePtr, int);
extern int XkbForceBell(Display *, int);
extern void XkbFreeClientMap(XkbDescPtr, unsigned int, int);
extern void XkbFreeCompatMap(XkbDescPtr, unsigned int, int);
extern void XkbFreeComponentList(XkbComponentListPtr);
extern void XkbFreeControls(XkbDescPtr, unsigned int, int);
extern void XkbFreeIndicatorMaps(XkbDescPtr);
extern void XkbFreeKeyboard(XkbDescPtr, unsigned int, int);
extern void XkbFreeNames(XkbDescPtr, unsigned int, int);
extern void XkbFreeServerMap(XkbDescPtr, unsigned int, int);
extern int XkbGetAutoRepeatRate(Display *, unsigned int, unsigned
int *,
                                unsigned int *);
extern int XkbGetCompatMap(Display *, unsigned int, XkbDescPtr);
extern   int   XkbGetControls(Display   *,   unsigned   long   int,
XkbDescPtr);
extern int XkbGetIndicatorMap(Display *, unsigned long int,
XkbDescPtr);
extern int XkbGetIndicatorState(Display *, unsigned int, unsigned
int *);
extern int XkbGetKeyActions(Display *, unsigned int, unsigned
int,
                            XkbDescPtr);
```

```
extern int XkbGetKeyBehaviors(Display *, unsigned int, unsigned
int,
                              XkbDescPtr);
extern int XkbGetKeyExplicitComponents(Display *, unsigned int,
                                       unsigned int, XkbDescPtr);
extern int XkbGetKeyModifierMap(Display *, unsigned int, unsigned
int,
                                XkbDescPtr);
extern int XkbGetKeySyms(Display *, unsigned int, unsigned int,
                         XkbDescPtr);
extern int XkbGetKeyTypes(Display *, unsigned int, unsigned int,
                          XkbDescPtr);
extern   XkbDescPtr   XkbGetKeyboard(Display   *,   unsigned   int,
unsigned int);
extern XkbDescPtr XkbGetKeyboardByName(Display *, unsigned int,
                                                  XkbComponentNamesPtr,
unsigned int,
                                       unsigned int, int);
extern  XkbDescPtr  XkbGetMap(Display  *,  unsigned  int,  unsigned
int);
extern     int     XkbGetMapChanges(Display     *,     XkbDescPtr,
XkbMapChangesPtr);
extern int XkbGetNamedIndicator(Display *, Atom, int *, int *,
                                XkbIndicatorMapPtr, int *);
extern int XkbGetNames(Display *, unsigned int, XkbDescPtr);
extern int XkbGetPerClientControls(Display *, unsigned int *);
extern int XkbGetState(Display *, unsigned int, XkbStatePtr);
extern int XkbGetUpdatedMap(Display *, unsigned int, XkbDescPtr);
extern   int   XkbGetVirtualMods(Display   *,   unsigned   int,
XkbDescPtr);
extern unsigned int XkbGetXlibControls(Display *);
extern int XkbIgnoreExtension(int);
extern  int  XkbInitCanonicalKeyTypes(XkbDescPtr,  unsigned  int,
int);
extern int XkbKeyTypesForCoreSymbols(XkbDescPtr, int, KeySym *,
                                     unsigned int, int *, KeySym
*);
extern  KeySym  XkbKeycodeToKeysym(Display  *,  unsigned  int,  int,
int);
extern unsigned int XkbKeysymToModifiers(Display *, KeySym);
extern int XkbLatchGroup(Display *, unsigned int, unsigned int);
extern  int  XkbLatchModifiers(Display  *,  unsigned  int,  unsigned
int,
                               unsigned int);
extern int XkbLibraryVersion(int *, int *);
extern  XkbComponentListPtr  XkbListComponents(Display  *,  unsigned
int,
                                               XkbComponentNamesPtr
, int *);
extern int XkbLockGroup(Display *, unsigned int, unsigned int);
extern  int  XkbLockModifiers(Display  *,  unsigned  int,  unsigned
int,
                              unsigned int);
extern  int  XkbLookupKeyBinding(Display  *,  KeySym,  unsigned  int,
char *,
                                 int, int *);
extern int XkbLookupKeySym(Display *, KeyCode, unsigned int,
                           unsigned int *, KeySym *);
extern void XkbNoteControlsChanges(XkbControlsChangesPtr,
                                   XkbControlsNotifyEvent *,
unsigned int);
extern void XkbNoteMapChanges(XkbMapChangesPtr, XkbMapNotifyEvent
*,
                              unsigned int);
extern         void         XkbNoteNameChanges(XkbNameChangesPtr,
XkbNamesNotifyEvent *,
```

```
                                unsigned int);
extern Display *XkbOpenDisplay(char *, int *, int *, int *, int
*, int *);
extern int XkbQueryExtension(Display *, int *, int *, int *, int
*, int *);
extern int XkbRefreshKeyboardMapping(XkbMapNotifyEvent *);
extern XkbAction *XkbResizeKeyActions(XkbDescPtr, int, int);
extern KeySym *XkbResizeKeySyms(XkbDescPtr, int, int);
extern int XkbResizeKeyType(XkbDescPtr, int, int, int, int);
extern   int   XkbSelectEventDetails(Display   *,   unsigned   int,
unsigned int,
                                  unsigned long int, unsigned long
int);
extern int XkbSelectEvents(Display *, unsigned int, unsigned int,
                           unsigned int);
extern           void           XkbSetAtomFuncs(XkbInternAtomFunc,
XkbGetAtomNameFunc);
extern int XkbSetAutoRepeatRate(Display *, unsigned int, unsigned
int,
                                unsigned int);
extern  int  XkbSetAutoResetControls(Display  *,  unsigned  int,
unsigned int *,
                                   unsigned int *);
extern  int  XkbSetCompatMap(Display  *,  unsigned  int,  XkbDescPtr,
int);
extern   int   XkbSetControls(Display   *,   unsigned   long   int,
XkbDescPtr);
extern int XkbSetDebuggingFlags(Display *, unsigned int, unsigned
int,
                                  char *, unsigned int, unsigned
int,
                                unsigned int *, unsigned int *);
extern int XkbSetDetectableAutoRepeat(Display *, int, int *);
extern int XkbSetIgnoreLockMods(Display *, unsigned int, unsigned
int,
                                    unsigned int, unsigned int,
unsigned int);
extern  int  XkbSetIndicatorMap(Display  *,  unsigned  long  int,
XkbDescPtr);
extern int XkbSetMap(Display *, unsigned int, XkbDescPtr);
extern int XkbSetNamedIndicator(Display *, Atom, int, int, int,
                                XkbIndicatorMapPtr);
extern  int  XkbSetNames(Display  *,  unsigned  int,  unsigned  int,
unsigned int,
                       XkbDescPtr);
extern int XkbSetPerClientControls(Display *, unsigned int,
                                   unsigned int *);
extern  int  XkbSetServerInternalMods(Display  *,  unsigned  int,
unsigned int,
                                   unsigned int, unsigned int,
                                   unsigned int);
extern unsigned int XkbSetXlibControls(Display *, unsigned int,
                                     unsigned int);
extern char XkbToControl(char);
extern int XkbTranslateKeyCode(XkbDescPtr, KeyCode, unsigned int,
                               unsigned int *, KeySym *);
extern int XkbTranslateKeySym(Display *, KeySym *, unsigned int,
char *,
                              int, int *);
extern  int  XkbUpdateMapFromCore(XkbDescPtr,  KeyCode,  int,  int,
KeySym *,
                                XkbChangesPtr);
extern int XkbUseExtension(Display *, int *, int *);
extern   int   XkbVirtualModsToReal(XkbDescPtr,   unsigned   int,
unsigned int *);
```

6.2.3 X11/Xatom.h

```
#define XA_PRIMARY      ((Atom) 1)
#define XA_CUT_BUFFER1  ((Atom) 10)
#define XA_CUT_BUFFER2  ((Atom) 11)
#define XA_CUT_BUFFER3  ((Atom) 12)
#define XA_CUT_BUFFER4  ((Atom) 13)
#define XA_CUT_BUFFER5  ((Atom) 14)
#define XA_CUT_BUFFER6  ((Atom) 15)
#define XA_CUT_BUFFER7  ((Atom) 16)
#define XA_DRAWABLE     ((Atom) 17)
#define XA_FONT ((Atom) 18)
#define XA_INTEGER      ((Atom) 19)
#define XA_SECONDARY    ((Atom) 2)
#define XA_PIXMAP       ((Atom) 20)
#define XA_POINT        ((Atom) 21)
#define XA_RECTANGLE    ((Atom) 22)
#define XA_RESOURCE_MANAGER     ((Atom) 23)
#define XA_RGB_COLOR_MAP        ((Atom) 24)
#define XA_RGB_BEST_MAP ((Atom) 25)
#define XA_RGB_BLUE_MAP ((Atom) 26)
#define XA_RGB_DEFAULT_MAP      ((Atom) 27)
#define XA_RGB_GRAY_MAP ((Atom) 28)
#define XA_RGB_GREEN_MAP        ((Atom) 29)
#define XA_ARC  ((Atom) 3)
#define XA_RGB_RED_MAP  ((Atom) 30)
#define XA_STRING       ((Atom) 31)
#define XA_VISUALID     ((Atom) 32)
#define XA_WINDOW       ((Atom) 33)
#define XA_WM_COMMAND   ((Atom) 34)
#define XA_WM_HINTS     ((Atom) 35)
#define XA_WM_CLIENT_MACHINE    ((Atom) 36)
#define XA_WM_ICON_NAME ((Atom) 37)
#define XA_WM_ICON_SIZE ((Atom) 38)
#define XA_WM_NAME      ((Atom) 39)
#define XA_ATOM ((Atom) 4)
#define XA_WM_NORMAL_HINTS      ((Atom) 40)
#define XA_WM_SIZE_HINTS        ((Atom) 41)
#define XA_WM_ZOOM_HINTS        ((Atom) 42)
#define XA_MIN_SPACE    ((Atom) 43)
#define XA_NORM_SPACE   ((Atom) 44)
#define XA_MAX_SPACE    ((Atom) 45)
#define XA_END_SPACE    ((Atom) 46)
#define XA_SUPERSCRIPT_X        ((Atom) 47)
#define XA_SUPERSCRIPT_Y        ((Atom) 48)
#define XA_SUBSCRIPT_X  ((Atom) 49)
#define XA_BITMAP       ((Atom) 5)
#define XA_SUBSCRIPT_Y  ((Atom) 50)
#define XA_UNDERLINE_POSITION   ((Atom) 51)
#define XA_UNDERLINE_THICKNESS  ((Atom) 52)
#define XA_STRIKEOUT_ASCENT     ((Atom) 53)
#define XA_STRIKEOUT_DESCENT    ((Atom) 54)
#define XA_ITALIC_ANGLE ((Atom) 55)
#define XA_X_HEIGHT     ((Atom) 56)
#define XA_QUAD_WIDTH   ((Atom) 57)
#define XA_WEIGHT       ((Atom) 58)
#define XA_POINT_SIZE   ((Atom) 59)
#define XA_CARDINAL     ((Atom) 6)
#define XA_RESOLUTION   ((Atom) 60)
#define XA_COPYRIGHT    ((Atom) 61)
#define XA_NOTICE       ((Atom) 62)
#define XA_FONT_NAME    ((Atom) 63)
#define XA_FAMILY_NAME  ((Atom) 64)
#define XA_FULL_NAME    ((Atom) 65)
```

© 2008 Linux Foundation

```
#define XA_CAP_HEIGHT   ((Atom) 66)
#define XA_WM_CLASS     ((Atom) 67)
#define XA_LAST_PREDEFINED      ((Atom) 68)
#define XA_WM_TRANSIENT_FOR     ((Atom) 68)
#define XA_COLORMAP     ((Atom) 7)
#define XA_CURSOR       ((Atom) 8)
#define XA_CUT_BUFFER0  ((Atom) 9)
#define XATOM_H 1
```

6.2.4 X11/Xauth.h

```
#define FamilyLocalHost (252)
#define FamilyKrb5Principal     (253)
#define FamilyNetname   (254)
#define FamilyLocal     (256)
#define FamilyWild      (65535)
#define LOCK_SUCCESS    0
#define LOCK_ERROR      1
#define _Xauth_h        1
#define LOCK_TIMEOUT    2

typedef struct xauth {
    unsigned short family;
    unsigned short address_length;
    char *address;
    unsigned short number_length;
    char *number;
    unsigned short name_length;
    char *name;
    unsigned short data_length;
    char *data;
} Xauth;
extern void XauDisposeAuth(Xauth *);
extern char *XauFileName(void);
extern Xauth *XauGetBestAuthByAddr(unsigned int, unsigned int,
                                   const char *, unsigned int,
                                   const char *, int, char **,
                                   const int *);
extern Xauth *XauReadAuth(FILE *);
```

6.2.5 X11/Xcms.h

```
#define ClientWhitePointOfCCC(ccc)      (&(ccc)->clientWhitePt)
#define  ScreenWhitePointOfCCC(ccc)         (&(ccc)->pPerScrnInfo-
>screenWhitePt)
#define DisplayOfCCC(ccc)       ((ccc)->dpy)
#define    FunctionSetOfCCC(ccc)            ((ccc)->pPerScrnInfo-
>functionSet)
#define ScreenNumberOfCCC(ccc)  ((ccc)->screenNumber)
#define VisualOfCCC(ccc)        ((ccc)->visual)
#define XcmsUndefinedFormat     (XcmsColorFormat)0x00000000
#define XcmsCIEXYZFormat        (XcmsColorFormat)0x00000001
#define XcmsCIEuvYFormat        (XcmsColorFormat)0x00000002
#define XcmsCIExyYFormat        (XcmsColorFormat)0x00000003
#define XcmsCIELabFormat        (XcmsColorFormat)0x00000004
#define XcmsCIELuvFormat        (XcmsColorFormat)0x00000005
#define XcmsTekHVCFormat        (XcmsColorFormat)0x00000006
#define XcmsRGBFormat   (XcmsColorFormat)0x80000000
#define XcmsRGBiFormat  (XcmsColorFormat)0x80000001
#define XcmsFailure     0
#define XcmsInitNone    0x00
#define XcmsInitSuccess 0x01
#define XcmsInitFailure 0xff
```

```
#define XcmsSuccess     1
#define XcmsSuccessWithCompression      2

typedef unsigned long int XcmsColorFormat;
typedef double XcmsFloat;
typedef struct {
    unsigned short red;
    unsigned short green;
    unsigned short blue;
} XcmsRGB;
typedef struct {
    XcmsFloat red;
    XcmsFloat green;
    XcmsFloat blue;
} XcmsRGBi;
typedef struct {
    XcmsFloat X;
    XcmsFloat Y;
    XcmsFloat Z;
} XcmsCIEXYZ;
typedef struct {
    XcmsFloat u_prime;
    XcmsFloat v_prime;
    XcmsFloat Y;
} XcmsCIEuvY;
typedef struct {
    XcmsFloat x;
    XcmsFloat y;
    XcmsFloat Y;
} XcmsCIExyY;
typedef struct {
    XcmsFloat L_star;
    XcmsFloat a_star;
    XcmsFloat b_star;
} XcmsCIELab;
typedef struct {
    XcmsFloat L_star;
    XcmsFloat u_star;
    XcmsFloat v_star;
} XcmsCIELuv;
typedef struct {
    XcmsFloat H;
    XcmsFloat V;
    XcmsFloat C;
} XcmsTekHVC;
typedef struct {
    XcmsFloat pad0;
    XcmsFloat pad1;
    XcmsFloat pad2;
    XcmsFloat pad3;
} XcmsPad;
typedef struct {
    union {
        XcmsRGB RGB;
        XcmsRGBi RGBi;
        XcmsCIEXYZ CIEXYZ;
        XcmsCIEuvY CIEuvY;
        XcmsCIExyY CIExyY;
        XcmsCIELab CIELab;
        XcmsCIELuv CIELuv;
        XcmsTekHVC TekHVC;
        XcmsPad Pad;
    } spec;
    unsigned long int pixel;
    XcmsColorFormat format;
} XcmsColor;
```

```
typedef struct _XcmsPerScrnInfo {
    XcmsColor screenWhitePt;
    XPointer functionSet;
    XPointer screenData;
    unsigned char state;
    char pad[3];
} XcmsPerScrnInfo;
typedef struct _XcmsCCC {
    Display *dpy;
    int screenNumber;
    Visual *visual;
    XcmsColor clientWhitePt;
    XcmsCompressionProc gamutCompProc;
    XPointer gamutCompClientData;
    XcmsWhiteAdjustProc whitePtAdjProc;
    XPointer whitePtAdjClientData;
    XcmsPerScrnInfo *pPerScrnInfo;
} XcmsCCCRec;
typedef struct _XcmsColorSpace {
    char *prefix;
    XcmsColorFormat id;
    XcmsParseStringProc parseString;
    XcmsFuncListPtr to_CIEXYZ;
    XcmsFuncListPtr from_CIEXYZ;
    int inverse_flag;
} XcmsColorSpace;
typedef struct _XcmsFunctionSet {
    XcmsColorSpace **DDColorSpaces;
    XcmsScreenInitProc screenInitProc;
    XcmsScreenFreeProc screenFreeProc;
} XcmsFunctionSet;
typedef struct _XcmsCCC *XcmsCCC;
typedef  int  (*XcmsCompressionProc)  (XcmsCCC,  XcmsColor  *,
unsigned int,
                                       unsigned int, int *);
typedef  int  (*XcmsWhiteAdjustProc)  (XcmsCCC,  XcmsColor  *,
XcmsColor *,
                                       XcmsColorFormat, XcmsColor *,
                                       unsigned int, int *);
typedef    int    (*XcmsScreenInitProc)    (Display    *,    int,
XcmsPerScrnInfo *);
typedef void (*XcmsScreenFreeProc) (XPointer);
typedef  int  (*XcmsDIConversionProc)  (XcmsCCC,  XcmsColor  *,
XcmsColor *,
                                        unsigned int);
typedef XcmsDIConversionProc XcmsConversionProc;
typedef int (*XcmsParseStringProc) (char *, XcmsColor *);
typedef XcmsConversionProc *XcmsFuncListPtr;
typedef  int  (*XcmsDDConversionProc)  (XcmsCCC,  XcmsColor  *,
unsigned int,
                                        int *);

extern int XcmsAddColorSpace(XcmsColorSpace *);
extern int XcmsAddFunctionSet(XcmsFunctionSet *);
extern int XcmsAllocColor(Display *, Colormap, XcmsColor *,
                          XcmsColorFormat);
extern int XcmsAllocNamedColor(Display *, Colormap, const char *,
                                  XcmsColor *, XcmsColor *,
XcmsColorFormat);
extern XcmsCCC XcmsCCCOfColormap(Display *, Colormap);
extern int XcmsCIELabClipL(XcmsCCC, XcmsColor *, unsigned int,
                           unsigned int, int *);
extern int XcmsCIELabClipLab(XcmsCCC, XcmsColor *, unsigned int,
                             unsigned int, int *);
extern int XcmsCIELabClipab(XcmsCCC, XcmsColor *, unsigned int,
                           unsigned int, int *);
```

```
extern  int  XcmsCIELabQueryMaxC(XcmsCCC,  XcmsFloat,  XcmsFloat,
XcmsColor *);
extern  int  XcmsCIELabQueryMaxL(XcmsCCC,  XcmsFloat,  XcmsFloat,
XcmsColor *);
extern int XcmsCIELabQueryMaxLC(XcmsCCC, XcmsFloat, XcmsColor *);
extern  int  XcmsCIELabQueryMinL(XcmsCCC,  XcmsFloat,  XcmsFloat,
XcmsColor *);
extern int XcmsCIELabToCIEXYZ(XcmsCCC, XcmsColor *, XcmsColor *,
                              unsigned int);
extern  int  XcmsCIELabWhiteShiftColors(XcmsCCC,  XcmsColor  *,
XcmsColor *,
                                        XcmsColorFormat, XcmsColor
*,
                                       unsigned int, int *);
extern int XcmsCIELuvClipL(XcmsCCC, XcmsColor *, unsigned int,
                           unsigned int, int *);
extern int XcmsCIELuvClipLuv(XcmsCCC, XcmsColor *, unsigned int,
                             unsigned int, int *);
extern int XcmsCIELuvClipuv(XcmsCCC, XcmsColor *, unsigned int,
                            unsigned int, int *);
extern  int  XcmsCIELuvQueryMaxC(XcmsCCC,  XcmsFloat,  XcmsFloat,
XcmsColor *);
extern  int  XcmsCIELuvQueryMaxL(XcmsCCC,  XcmsFloat,  XcmsFloat,
XcmsColor *);
extern int XcmsCIELuvQueryMaxLC(XcmsCCC, XcmsFloat, XcmsColor *);
extern  int  XcmsCIELuvQueryMinL(XcmsCCC,  XcmsFloat,  XcmsFloat,
XcmsColor *);
extern int XcmsCIELuvToCIEuvY(XcmsCCC, XcmsColor *, XcmsColor *,
                              unsigned int);
extern  int  XcmsCIELuvWhiteShiftColors(XcmsCCC,  XcmsColor  *,
XcmsColor *,
                                        XcmsColorFormat, XcmsColor
*,
                                       unsigned int, int *);
extern int XcmsCIEXYZToCIELab(XcmsCCC, XcmsColor *, XcmsColor *,
                              unsigned int);
extern int XcmsCIEXYZToCIEuvY(XcmsCCC, XcmsColor *, XcmsColor *,
                              unsigned int);
extern int XcmsCIEXYZToCIExyY(XcmsCCC, XcmsColor *, XcmsColor *,
                              unsigned int);
extern int XcmsCIEXYZToRGBi(XcmsCCC, XcmsColor *, unsigned int,
int *);
extern int XcmsCIEuvYToCIELuv(XcmsCCC, XcmsColor *, XcmsColor *,
                              unsigned int);
extern int XcmsCIEuvYToCIEXYZ(XcmsCCC, XcmsColor *, XcmsColor *,
                              unsigned int);
extern int XcmsCIEuvYToTekHVC(XcmsCCC, XcmsColor *, XcmsColor *,
                              unsigned int);
extern int XcmsCIExyYToCIEXYZ(XcmsCCC, XcmsColor *, XcmsColor *,
                              unsigned int);
extern XcmsColor *XcmsClientWhitePointOfCCC(XcmsCCC);
extern int XcmsConvertColors(XcmsCCC, XcmsColor *, unsigned int,
                             XcmsColorFormat, int *);
extern XcmsCCC XcmsCreateCCC(Display *, int, Visual *, XcmsColor
*,
                             XcmsCompressionProc, XPointer,
                             XcmsWhiteAdjustProc, XPointer);
extern XcmsCCC XcmsDefaultCCC(Display *, int);
extern Display *XcmsDisplayOfCCC(XcmsCCC);
extern XcmsColorFormat XcmsFormatOfPrefix(char *);
extern void XcmsFreeCCC(XcmsCCC);
extern  int  XcmsLookupColor(Display  *,  Colormap,  const  char  *,
XcmsColor *,
                            XcmsColor *, XcmsColorFormat);
extern char *XcmsPrefixOfFormat(XcmsColorFormat);
extern int XcmsQueryBlack(XcmsCCC, XcmsColorFormat, XcmsColor *);
```

```
extern int XcmsQueryBlue(XcmsCCC, XcmsColorFormat, XcmsColor *);
extern int XcmsQueryColor(Display *, Colormap, XcmsColor *,
                          XcmsColorFormat);
extern int XcmsQueryColors(Display *, Colormap, XcmsColor *,
unsigned int,
                           XcmsColorFormat);
extern int XcmsQueryGreen(XcmsCCC, XcmsColorFormat, XcmsColor *);
extern int XcmsQueryRed(XcmsCCC, XcmsColorFormat, XcmsColor *);
extern int XcmsQueryWhite(XcmsCCC, XcmsColorFormat, XcmsColor *);
extern int XcmsRGBToRGBi(XcmsCCC, XcmsColor *, unsigned int, int
*);
extern int XcmsRGBiToCIEXYZ(XcmsCCC, XcmsColor *, unsigned int,
int *);
extern int XcmsRGBiToRGB(XcmsCCC, XcmsColor *, unsigned int, int
*);
extern int XcmsScreenNumberOfCCC(XcmsCCC);
extern XcmsColor *XcmsScreenWhitePointOfCCC(XcmsCCC);
extern   XcmsCCC   XcmsSetCCCOfColormap(Display   *,   Colormap,
XcmsCCC);
extern XcmsCompressionProc XcmsSetCompressionProc(XcmsCCC,
                                                  XcmsCompression
Proc,
                                                  XPointer);
extern XcmsWhiteAdjustProc XcmsSetWhiteAdjustProc(XcmsCCC,
                                                  XcmsWhiteAdjust
Proc,
                                                  XPointer);
extern int XcmsSetWhitePoint(XcmsCCC, XcmsColor *);
extern int XcmsStoreColor(Display *, Colormap, XcmsColor *);
extern int XcmsStoreColors(Display *, Colormap, XcmsColor *,
unsigned int,
                           int *);
extern int XcmsTekHVCClipC(XcmsCCC, XcmsColor *, unsigned int,
                           unsigned int, int *);
extern int XcmsTekHVCClipV(XcmsCCC, XcmsColor *, unsigned int,
                           unsigned int, int *);
extern int XcmsTekHVCClipVC(XcmsCCC, XcmsColor *, unsigned int,
                            unsigned int, int *);
extern int XcmsTekHVCQueryMaxC(XcmsCCC, XcmsFloat, XcmsFloat,
XcmsColor *);
extern int XcmsTekHVCQueryMaxV(XcmsCCC, XcmsFloat, XcmsFloat,
XcmsColor *);
extern int XcmsTekHVCQueryMaxVC(XcmsCCC, XcmsFloat, XcmsColor *);
extern   int   XcmsTekHVCQueryMaxVSamples(XcmsCCC,   XcmsFloat,
XcmsColor *,
                                          unsigned int);
extern int XcmsTekHVCQueryMinV(XcmsCCC, XcmsFloat, XcmsFloat,
XcmsColor *);
extern int XcmsTekHVCToCIEuvY(XcmsCCC, XcmsColor *, XcmsColor *,
                              unsigned int);
extern  int  XcmsTekHVCWhiteShiftColors(XcmsCCC,  XcmsColor  *,
XcmsColor *,
                                        XcmsColorFormat, XcmsColor
*,
                                        unsigned int, int *);
extern Visual *XcmsVisualOfCCC(XcmsCCC);
```

6.2.6 X11/Xfuncproto.h

```
#define NARROWPROTO
#define NeedFunctionPrototypes  1
#define NeedNestedPrototypes    1
#define NeedVarargsPrototypes   1
#define NeedWidePrototypes      1
```

```
#define FUNCPROTO       15
#define _Xconst const
#ifdef __cplusplus
#define _XFUNCPROTOBEGIN extern "C" {
#else
#define _XFUNCPROTOBEGIN
#endif
#define _X_INLINE       inline
#define _X_SENTINEL(x)  __attribute__ ((__sentinel__(x)))
#define _X_DEPRECATED   __attribute__((deprecated))
#define _X_EXPORT       __attribute__((visibility("default")))
#define _X_HIDDEN       __attribute__((visibility("hidden")))
#define _X_INTERNAL     __attribute__((visibility("internal")))
#define                                     _X_ATTRIBUTE_PRINTF(x,y)
__attribute__((__format__(__printf__,x,y)))
#define _X_UNLIKELY(x)  __builtin_expect(!!(x), 0)
#define _X_LIKELY(x)    __builtin_expect(!!(x), 1)
#ifdef __cplusplus
#define _XFUNCPROTOEND }
#else
#define _XFUNCPROTOEND
#endif
```

6.2.7 X11/Xlib.h

```
struct _XDisplay;

typedef char *XPointer;
typedef struct {
    unsigned long int pixel;
    unsigned short red;
    unsigned short green;
    unsigned short blue;
    char flags;
    char pad;
} XColor;
typedef struct _XDisplay Display;
typedef struct {
    int type;
    Display *display;
    XID resourceid;
    unsigned long int serial;
    unsigned char error_code;
    unsigned char request_code;
    unsigned char minor_code;
} XErrorEvent;
typedef struct _XIM *XIM;
typedef struct _XIC *XIC;
typedef void *XVaNestedList;
typedef unsigned long int XIMFeedback;
typedef struct _XIMText {
    unsigned short length;
    XIMFeedback *feedback;
    int encoding_is_wchar;
    union {
        char *multi_byte;
        wchar_t *wide_char;
    } string;
} XIMText;
typedef unsigned long int XIMPreeditState;
typedef struct _XIMPreeditStateNotifyCallbackStruct {
    XIMPreeditState state;
} XIMPreeditStateNotifyCallbackStruct;
typedef unsigned long int XIMResetState;
```

```
typedef unsigned long int XIMStringConversionFeedback;
typedef struct _XIMStringConversionText {
    unsigned short length;
    XIMStringConversionFeedback *feedback;
    int encoding_is_wchar;
    union {
        char *mbs;
        wchar_t *wcs;
    } string;
} XIMStringConversionText;
typedef unsigned short XIMStringConversionPosition;
typedef unsigned short XIMStringConversionType;
typedef unsigned short XIMStringConversionOperation;
typedef struct _XIMStringConversionCallbackStruct {
    XIMStringConversionPosition position;
    XIMCaretDirection direction;
    XIMStringConversionOperation operation;
    unsigned short factor;
    XIMStringConversionText *text;
} XIMStringConversionCallbackStruct;
typedef struct _XIMPreeditDrawCallbackStruct {
    int caret;
    int chg_first;
    int chg_length;
    XIMText *text;
} XIMPreeditDrawCallbackStruct;
typedef struct _XIMPreeditCaretCallbackStruct {
    int position;
    XIMCaretDirection direction;
    XIMCaretStyle style;
} XIMPreeditCaretCallbackStruct;
typedef struct _XIMStatusDrawCallbackStruct {
    XIMStatusDataType type;
    union {
        XIMText *text;
        Pixmap bitmap;
    } data;
} XIMStatusDrawCallbackStruct;
typedef struct _XIMHotKeyTrigger {
    KeySym keysym;
    int modifier;
    int modifier_mask;
} XIMHotKeyTrigger;
typedef struct _XIMHotKeyTriggers {
    int num_hot_key;
    XIMHotKeyTrigger *key;
} XIMHotKeyTriggers;
typedef unsigned long int XIMHotKeyState;
typedef struct {
    unsigned short count_values;
    char **supported_values;
} XIMValuesList;
typedef void (*XIMProc) (XIM, XPointer, XPointer);
typedef int (*XICProc) (XIC, XPointer, XPointer);
typedef enum {
    XIMForwardChar = 0,
    XIMBackwardChar = 1,
    XIMForwardWord = 2,
    XIMBackwardWord = 3,
    XIMCaretUp = 4,
    XIMCaretDown = 5,
    XIMNextLine = 6,
    XIMPreviousLine = 7,
    XIMLineStart = 8,
    XIMLineEnd = 9,
    XIMAbsolutePosition = 10,
```

```
    XIMDontChange = 11
} XIMCaretDirection;
typedef enum {
    XIMIsInvisible = 0,
    XIMIsPrimary = 1,
    XIMIsSecondary = 2
} XIMCaretStyle;
typedef enum {
    XIMTextType = 0,
    XIMBitmapType = 1
} XIMStatusDataType;
typedef int (*XErrorHandler) (Display *, XErrorEvent *);
typedef int (*XIOErrorHandler) (Display *);
typedef  void  (*XConnectionWatchProc)  (Display  *,  XPointer,  int,
int,
                                     XPointer *);

#define XNArea  "area"
#define XNAreaNeeded    "areaNeeded"
#define XNBackground    "background"
#define XNBackgroundPixmap      "backgroundPixmap"
#define XNBaseFontName  "baseFontName"
#define XNClientWindow  "clientWindow"
#define XNColormap      "colorMap"
#define XNContextualDrawing     "contextualDrawing"
#define XNCursor        "cursor"
#define XNDefaultString "defaultString"
#define XNDestroyCallback       "destroyCallback"
#define                              XNDirectionalDependentDrawing
"directionalDependentDrawing"
#define XNFilterEvents  "filterEvents"
#define XNFocusWindow   "focusWindow"
#define XNFontInfo      "fontInfo"
#define XNFontSet       "fontSet"
#define XNForeground    "foreground"
#define XNGeometryCallback      "geometryCallback"
#define XNHotKey        "hotKey"
#define XNHotKeyState   "hotKeyState"
#define XNInputStyle    "inputStyle"
#define XNLineSpace     "lineSpace"
#define XNMissingCharSet        "missingCharSet"
#define XNOMAutomatic   "omAutomatic"
#define XNOrientation   "orientation"
#define XNPreeditAttributes     "preeditAttributes"
#define XNPreeditCaretCallback  "preeditCaretCallback"
#define XNPreeditDoneCallback   "preeditDoneCallback"
#define XNPreeditDrawCallback   "preeditDrawCallback"
#define XNPreeditStartCallback  "preeditStartCallback"
#define XNPreeditState  "preeditState"
#define                                 XNPreeditStateNotifyCallback
"preeditStateNotifyCallback"
#define XNQueryICValuesList     "queryICValuesList"
#define XNQueryIMValuesList     "queryIMValuesList"
#define XNQueryInputStyle       "queryInputStyle"
#define XNQueryOrientation      "queryOrientation"
#define XNR6PreeditCallback     "r6PreeditCallback"
#define XNRequiredCharSet       "requiredCharSet"
#define XNResetState    "resetState"
#define XNResourceClass "resourceClass"
#define XNResourceName  "resourceName"
#define XNSeparatorofNestedList "separatorofNestedList"
#define XNSpotLocation  "spotLocation"
#define XNStatusAttributes      "statusAttributes"
#define XNStatusDoneCallback    "statusDoneCallback"
#define XNStatusDrawCallback    "statusDrawCallback"
#define XNStatusStartCallback   "statusStartCallback"
```

```
#define XNStdColormap   "stdColorMap"
#define XNStringConversion      "stringConversion"
#define                                 XNStringConversionCallback
"stringConversionCallback"
#define XNVisiblePosition       "visiblePosition"
#define XNVaNestedList  "XNVaNestedList"
#define  ScreenOfDisplay(dpy,scr)          (&((_XPrivDisplay)dpy)-
>screens[scr])
#define   BitmapBitOrder(dpy)              (((_XPrivDisplay)dpy)-
>bitmap_bit_order)
#define BitmapPad(dpy)  (((_XPrivDisplay)dpy)->bitmap_pad)
#define BitmapUnit(dpy) (((_XPrivDisplay)dpy)->bitmap_unit)
#define   ImageByteOrder(dpy)              (((_XPrivDisplay)dpy)-
>byte_order)
#define   DefaultScreen(dpy)               (((_XPrivDisplay)dpy)-
>default_screen)
#define   DisplayString(dpy)               (((_XPrivDisplay)dpy)-
>display_name)
#define ConnectionNumber(dpy)   (((_XPrivDisplay)dpy)->fd)
#define  LastKnownRequestProcessed(dpy)    (((_XPrivDisplay)dpy)-
>last_request_read)
#define ScreenCount(dpy)        (((_XPrivDisplay)dpy)->nscreens)
#define   ProtocolVersion(dpy)             (((_XPrivDisplay)dpy)-
>proto_major_version)
#define    ProtocolRevision(dpy)           (((_XPrivDisplay)dpy)-
>proto_minor_version)
#define QLength(dpy)    (((_XPrivDisplay)dpy)->qlen)
#define VendorRelease(dpy)      (((_XPrivDisplay)dpy)->release)
#define NextRequest(dpy)        (((_XPrivDisplay)dpy)->request+1)
#define ServerVendor(dpy)       (((_XPrivDisplay)dpy)->vendor)
#define  XAllocID(dpy)    ((*((_XPrivDisplay)dpy)->resource_alloc)
((dpy)))
#define DoesBackingStore(s)     ((s)->backing_store)
#define BlackPixelOfScreen(s)   ((s)->black_pixel)
#define DefaultColormapOfScreen(s)      ((s)->cmap)
#define DefaultGCOfScreen(s)    ((s)->default_gc)
#define DisplayOfScreen(s)      ((s)->display)
#define HeightOfScreen(s)       ((s)->height)
#define MaxCmapsOfScreen(s)     ((s)->max_maps)
#define HeightMMOfScreen(s)     ((s)->mheight)
#define MinCmapsOfScreen(s)     ((s)->min_maps)
#define WidthMMOfScreen(s)      ((s)->mwidth)
#define RootWindowOfScreen(s)   ((s)->root)
#define DefaultDepthOfScreen(s) ((s)->root_depth)
#define PlanesOfScreen(s)       ((s)->root_depth)
#define EventMaskOfScreen(s)    ((s)->root_input_mask)
#define DefaultVisualOfScreen(s)        ((s)->root_visual)
#define DoesSaveUnders(s)       ((s)->save_unders)
#define WhitePixelOfScreen(s)   ((s)->white_pixel)
#define WidthOfScreen(s)        ((s)->width)
#define AllPlanes       ((unsigned long)~0L)
#define XIMStringConversionLeftEdge     (0x00000001)
#define XIMStringConversionRightEdge    (0x00000002)
#define XIMStringConversionTopEdge      (0x00000004)
#define XIMStringConversionBottomEdge   (0x00000008)
#define XIMStringConversionConcealed    (0x00000010)
#define XIMStringConversionWrapped      (0x00000020)
#define XIMStringConversionBuffer       (0x0001)
#define XIMStringConversionSubstitution (0x0001)
#define XIMHotKeyStateON        (0x0001L)
#define XIMStringConversionLine (0x0002)
#define XIMStringConversionRetrieval    (0x0002)
#define XIMHotKeyStateOFF       (0x0002L)
#define XIMStringConversionWord (0x0003)
#define XIMStringConversionChar (0x0004)
#define XIMPreeditDisable       (1L<<1)
```

```
#define XIMPreserveState        (1L<<1)
#define XIMUnderline    (1L<<1)
#define XIMVisibleToCenter      (1L<<10)
#define XIMHighlight    (1L<<2)
#define XIMPrimary      (1L<<5)
#define XIMSecondary    (1L<<6)
#define XIMTertiary     (1L<<7)
#define XIMVisibleToForward     (1L<<8)
#define XIMVisibleToBackword    (1L<<9)
#define   DisplayCells(dpy,scr)          (DefaultVisual(dpy,scr)-
>map_entries)
#define  CellsOfScreen(s)             (DefaultVisualOfScreen((s))-
>map_entries)
#define                                   DefaultRootWindow(dpy)
(ScreenOfDisplay(dpy,DefaultScreen(dpy))->root)
#define  BlackPixel(dpy,scr)           (ScreenOfDisplay(dpy,scr)-
>black_pixel)
#define                                   DefaultColormap(dpy,scr)
(ScreenOfDisplay(dpy,scr)->cmap)
#define  DefaultGC(dpy,scr)            (ScreenOfDisplay(dpy,scr)-
>default_gc)
#define   DisplayHeight(dpy,scr)       (ScreenOfDisplay(dpy,scr)-
>height)
#define                                   DisplayHeightMM(dpy,scr)
(ScreenOfDisplay(dpy,scr)->mheight)
#define     DisplayWidthMM(dpy,scr)     (ScreenOfDisplay(dpy,scr)-
>mwidth)
#define RootWindow(dpy, scr)    (ScreenOfDisplay(dpy,scr)->root)
#define   DefaultDepth(dpy,scr)         (ScreenOfDisplay(dpy,scr)-
>root_depth)
#define   DisplayPlanes(dpy,scr)       (ScreenOfDisplay(dpy,scr)-
>root_depth)
#define   DefaultVisual(dpy,scr)       (ScreenOfDisplay(dpy,scr)-
>root_visual)
#define  WhitePixel(dpy,scr)           (ScreenOfDisplay(dpy,scr)-
>white_pixel)
#define DisplayWidth(dpy,scr)   (ScreenOfDisplay(dpy,scr)->width)
#define XBufferOverflow -1
#define False   0
#define QueuedAlready   0
#define XIMPreeditUnKnown       0L
#define XIMPreeditArea  0x0001L
#define XIMPreeditCallbacks     0x0002L
#define XIMPreeditPosition      0x0004L
#define XIMPreeditNothing       0x0008L
#define XIMPreeditNone  0x0010L
#define XIMStatusArea   0x0100L
#define XIMStatusCallbacks      0x0200L
#define XIMStatusNothing        0x0400L
#define XIMStatusNone   0x0800L
#define QueuedAfterReading      1
#define True    1
#define XLookupNone     1
#define XIMInitialState 1L
#define XIMPreeditEnable        1L
#define XIMReverse      1L
#define QueuedAfterFlush        2
#define XLookupChars    2
#define XLookupKeySym   3
#define XLookupBoth     4
#define XlibSpecificationRelease        6
#define Bool    int
#define Status  int
#define                                 DefaultScreenOfDisplay(dpy)
ScreenOfDisplay(dpy,DefaultScreen(dpy))
```

```
typedef struct _XExtData {
    int number;
    struct _XExtData *next;
    int (*free_private) (struct _XExtData * extension);
    XPointer private_data;
} XExtData;
typedef struct {
    int extension;
    int major_opcode;
    int first_event;
    int first_error;
} XExtCodes;

typedef struct {
    int depth;
    int bits_per_pixel;
    int scanline_pad;
} XPixmapFormatValues;

typedef struct {
    int function;
    unsigned long int plane_mask;
    unsigned long int foreground;
    unsigned long int background;
    int line_width;
    int line_style;
    int cap_style;
    int join_style;
    int fill_style;
    int fill_rule;
    int arc_mode;
    Pixmap tile;
    Pixmap stipple;
    int ts_x_origin;
    int ts_y_origin;
    Font font;
    int subwindow_mode;
    int graphics_exposures;
    int clip_x_origin;
    int clip_y_origin;
    Pixmap clip_mask;
    int dash_offset;
    char dashes;
} XGCValues;

struct _XGC;
typedef struct _XGC *GC;

typedef struct {
    XExtData *ext_data;
    VisualID visualid;
#if defined(__cplusplus) || defined(c_plusplus)
    int c_class;
#else
    int class;
#endif
    unsigned long int red_mask;
    unsigned long int green_mask;
    unsigned long int blue_mask;
    int bits_per_rgb;
    int map_entries;
} Visual;

typedef struct {
    int depth;
    int nvisuals;
```

```
    Visual *visuals;
} Depth;

typedef struct {
    XExtData *ext_data;
    struct _XDisplay *display;
    Window root;
    int width;
    int height;
    int mwidth;
    int mheight;
    int ndepths;
    Depth *depths;
    int root_depth;
    Visual *root_visual;
    GC default_gc;
    Colormap cmap;
    unsigned long int white_pixel;
    unsigned long int black_pixel;
    int max_maps;
    int min_maps;
    int backing_store;
    int save_unders;
    long int root_input_mask;
} Screen;

typedef struct {
    XExtData *ext_data;
    int depth;
    int bits_per_pixel;
    int scanline_pad;
} ScreenFormat;

typedef struct {
    Pixmap background_pixmap;
    unsigned long int background_pixel;
    Pixmap border_pixmap;
    unsigned long int border_pixel;
    int bit_gravity;
    int win_gravity;
    int backing_store;
    unsigned long int backing_planes;
    unsigned long int backing_pixel;
    int save_under;
    long int event_mask;
    long int do_not_propagate_mask;
    int override_redirect;
    Colormap colormap;
    Cursor cursor;
} XSetWindowAttributes;
typedef struct {
    int x;
    int y;
    int width;
    int height;
    int border_width;
    int depth;
    Visual *visual;
    Window root;
#if defined(__cplusplus) || defined(c_plusplus)
    int c_class;
#else
    int class;
#endif
    int bit_gravity;
    int win_gravity;
```

```
    int backing_store;
    unsigned long int backing_planes;
    unsigned long int backing_pixel;
    int save_under;
    Colormap colormap;
    int map_installed;
    int map_state;
    long int all_event_masks;
    long int your_event_mask;
    long int do_not_propagate_mask;
    int override_redirect;
    Screen *screen;
} XWindowAttributes;

typedef struct {
    int family;
    int length;
    char *address;
} XHostAddress;

struct funcs {
    struct _XImage *(*create_image) (void);
    int (*destroy_image) (void);
    unsigned long int (*get_pixel) (void);
    int (*put_pixel) (void);
    struct _XImage *(*sub_image) (void);
    int (*add_pixel) (void);
};
typedef struct _XImage {
    int width;
    int height;
    int xoffset;
    int format;
    char *data;
    int byte_order;
    int bitmap_unit;
    int bitmap_bit_order;
    int bitmap_pad;
    int depth;
    int bytes_per_line;
    int bits_per_pixel;
    unsigned long int red_mask;
    unsigned long int green_mask;
    unsigned long int blue_mask;
    XPointer obdata;
    struct funcs f;
} XImage;

typedef struct {
    int x;
    int y;
    int width;
    int height;
    int border_width;
    Window sibling;
    int stack_mode;
} XWindowChanges;

typedef struct {
    short x1;
    short y1;
    short x2;
    short y2;
} XSegment;
typedef struct {
    short x;
```

```
    short y;
} XPoint;
typedef struct {
    short x;
    short y;
    unsigned short width;
    unsigned short height;
} XRectangle;
typedef struct {
    short x;
    short y;
    unsigned short width;
    unsigned short height;
    short angle1;
    short angle2;
} XArc;

typedef struct {
    int key_click_percent;
    int bell_percent;
    int bell_pitch;
    int bell_duration;
    int led;
    int led_mode;
    int key;
    int auto_repeat_mode;
} XKeyboardControl;

typedef struct {
    int key_click_percent;
    int bell_percent;
    unsigned int bell_pitch;
    unsigned int bell_duration;
    unsigned long int led_mask;
    int global_auto_repeat;
    char auto_repeats[32];
} XKeyboardState;

typedef struct {
    Time time;
    short x;
    short y;
} XTimeCoord;

typedef struct {
    int max_keypermod;
    KeyCode *modifiermap;
} XModifierKeymap;

typedef struct {
    XExtData *ext_data;
    struct _XPrivate *private1;
    int fd;
    int private2;
    int proto_major_version;
    int proto_minor_version;
    char *vendor;
    XID private3;
    XID private4;
    XID private5;
    int private6;
     XID(*resource_alloc) (struct _XDisplay *);
    int byte_order;
    int bitmap_unit;
    int bitmap_pad;
    int bitmap_bit_order;
```

```
    int nformats;
    ScreenFormat *pixmap_format;
    int private8;
    int release;
    struct _XPrivate *private9;
    struct _XPrivate *private10;
    int qlen;
    unsigned long int last_request_read;
    unsigned long int request;
    XPointer private11;
    XPointer private12;
    XPointer private13;
    XPointer private14;
    unsigned int max_request_size;
    struct _XrmHashBucketRec *db;
    int (*private15) (struct _XDisplay *);
    char *display_name;
    int default_screen;
    int nscreens;
    Screen *screens;
    unsigned long int motion_buffer;
    unsigned long int private16;
    int min_keycode;
    int max_keycode;
    XPointer private17;
    XPointer private18;
    int private19;
    char *xdefaults;
} *_XPrivDisplay;

typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    Window root;
    Window subwindow;
    Time time;
    int x;
    int y;
    int x_root;
    int y_root;
    unsigned int state;
    unsigned int keycode;
    int same_screen;
} XKeyEvent;
typedef XKeyEvent XKeyPressedEvent;
typedef XKeyEvent XKeyReleasedEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    Window root;
    Window subwindow;
    Time time;
    int x;
    int y;
    int x_root;
    int y_root;
    unsigned int state;
    unsigned int button;
    int same_screen;
} XButtonEvent;
```

```
typedef XButtonEvent XButtonPressedEvent;
typedef XButtonEvent XButtonReleasedEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    Window root;
    Window subwindow;
    Time time;
    int x;
    int y;
    int x_root;
    int y_root;
    unsigned int state;
    char is_hint;
    int same_screen;
} XMotionEvent;
typedef XMotionEvent XPointerMovedEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    Window root;
    Window subwindow;
    Time time;
    int x;
    int y;
    int x_root;
    int y_root;
    int mode;
    int detail;
    int same_screen;
    int focus;
    unsigned int state;
} XCrossingEvent;
typedef XCrossingEvent XEnterWindowEvent;
typedef XCrossingEvent XLeaveWindowEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    int mode;
    int detail;
} XFocusChangeEvent;
typedef XFocusChangeEvent XFocusInEvent;
typedef XFocusChangeEvent XFocusOutEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    char key_vector[32];
} XKeymapEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
```

```
    int x;
    int y;
    int width;
    int height;
    int count;
} XExposeEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Drawable drawable;
    int x;
    int y;
    int width;
    int height;
    int count;
    int major_code;
    int minor_code;
} XGraphicsExposeEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Drawable drawable;
    int major_code;
    int minor_code;
} XNoExposeEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    int state;
} XVisibilityEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window parent;
    Window window;
    int x;
    int y;
    int width;
    int height;
    int border_width;
    int override_redirect;
} XCreateWindowEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window event;
    Window window;
} XDestroyWindowEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window event;
    Window window;
```

```
    int from_configure;
} XUnmapEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window event;
    Window window;
    int override_redirect;
} XMapEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window parent;
    Window window;
} XMapRequestEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window event;
    Window window;
    Window parent;
    int x;
    int y;
    int override_redirect;
} XReparentEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window event;
    Window window;
    int x;
    int y;
    int width;
    int height;
    int border_width;
    Window above;
    int override_redirect;
} XConfigureEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window event;
    Window window;
    int x;
    int y;
} XGravityEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    int width;
    int height;
} XResizeRequestEvent;
typedef struct {
```

```
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window parent;
    Window window;
    int x;
    int y;
    int width;
    int height;
    int border_width;
    Window above;
    int detail;
    unsigned long int value_mask;
} XConfigureRequestEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window event;
    Window window;
    int place;
} XCirculateEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window parent;
    Window window;
    int place;
} XCirculateRequestEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    Atom atom;
    Time time;
    int state;
} XPropertyEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    Atom selection;
    Time time;
} XSelectionClearEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window owner;
    Window requestor;
    Atom selection;
    Atom target;
    Atom property;
    Time time;
} XSelectionRequestEvent;
typedef struct {
    int type;
```

```
    unsigned long int serial;
    int send_event;
    Display *display;
    Window requestor;
    Atom selection;
    Atom target;
    Atom property;
    Time time;
} XSelectionEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    Colormap colormap;
#if defined(__cplusplus) || defined(c_plusplus)
    int c_new;
#else
    int new;
#endif
    int state;
} XColormapEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    Atom message_type;
    int format;
    union {
        char b[20];
        short s[10];
        long int l[5];
    } data;
} XClientMessageEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    int request;
    int first_keycode;
    int count;
} XMappingEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
} XAnyEvent;

union _XEvent {
    int type;
    XAnyEvent xany;
    XKeyEvent xkey;
    XButtonEvent xbutton;
    XMotionEvent xmotion;
    XCrossingEvent xcrossing;
    XFocusChangeEvent xfocus;
    XExposeEvent xexpose;
    XGraphicsExposeEvent xgraphicsexpose;
    XNoExposeEvent xnoexpose;
```

```
    XVisibilityEvent xvisibility;
    XCreateWindowEvent xcreatewindow;
    XDestroyWindowEvent xdestroywindow;
    XUnmapEvent xunmap;
    XMapEvent xmap;
    XMapRequestEvent xmaprequest;
    XReparentEvent xreparent;
    XConfigureEvent xconfigure;
    XGravityEvent xgravity;
    XResizeRequestEvent xresizerequest;
    XConfigureRequestEvent xconfigurerequest;
    XCirculateEvent xcirculate;
    XCirculateRequestEvent xcirculaterequest;
    XPropertyEvent xproperty;
    XSelectionClearEvent xselectionclear;
    XSelectionRequestEvent xselectionrequest;
    XSelectionEvent xselection;
    XColormapEvent xcolormap;
    XClientMessageEvent xclient;
    XMappingEvent xmapping;
    XErrorEvent xerror;
    XKeymapEvent xkeymap;
    long int pad[24];
};
typedef union _XEvent {
    int type;
    XAnyEvent xany;
    XKeyEvent xkey;
    XButtonEvent xbutton;
    XMotionEvent xmotion;
    XCrossingEvent xcrossing;
    XFocusChangeEvent xfocus;
    XExposeEvent xexpose;
    XGraphicsExposeEvent xgraphicsexpose;
    XNoExposeEvent xnoexpose;
    XVisibilityEvent xvisibility;
    XCreateWindowEvent xcreatewindow;
    XDestroyWindowEvent xdestroywindow;
    XUnmapEvent xunmap;
    XMapEvent xmap;
    XMapRequestEvent xmaprequest;
    XReparentEvent xreparent;
    XConfigureEvent xconfigure;
    XGravityEvent xgravity;
    XResizeRequestEvent xresizerequest;
    XConfigureRequestEvent xconfigurerequest;
    XCirculateEvent xcirculate;
    XCirculateRequestEvent xcirculaterequest;
    XPropertyEvent xproperty;
    XSelectionClearEvent xselectionclear;
    XSelectionRequestEvent xselectionrequest;
    XSelectionEvent xselection;
    XColormapEvent xcolormap;
    XClientMessageEvent xclient;
    XMappingEvent xmapping;
    XErrorEvent xerror;
    XKeymapEvent xkeymap;
    long int pad[24];
} XEvent;

typedef struct {
    short lbearing;
    short rbearing;
    short width;
    short ascent;
    short descent;
```

```
    unsigned short attributes;
} XCharStruct;

typedef struct {
    Atom name;
    unsigned long int card32;
} XFontProp;
typedef struct {
    XExtData *ext_data;
    Font fid;
    unsigned int direction;
    unsigned int min_char_or_byte2;
    unsigned int max_char_or_byte2;
    unsigned int min_byte1;
    unsigned int max_byte1;
    int all_chars_exist;
    unsigned int default_char;
    int n_properties;
    XFontProp *properties;
    XCharStruct min_bounds;
    XCharStruct max_bounds;
    XCharStruct *per_char;
    int ascent;
    int descent;
} XFontStruct;
typedef struct {
    XRectangle max_ink_extent;
    XRectangle max_logical_extent;
} XFontSetExtents;

typedef struct {
    char *chars;
    int nchars;
    int delta;
    Font font;
} XTextItem;
typedef struct {
    unsigned char byte1;
    unsigned char byte2;
} XChar2b;
typedef struct {
    XChar2b *chars;
    int nchars;
    int delta;
    Font font;
} XTextItem16;

typedef union {
    Display *display;
    GC gc;
    Visual *visual;
    Screen *screen;
    ScreenFormat *pixmap_format;
    XFontStruct *font;
} XEDataObject;

typedef struct _XOM *XOM;
typedef struct _XOC *XOC;
typedef struct _XOC *XFontSet;

typedef struct {
    char *chars;
    int nchars;
    int delta;
    XFontSet font_set;
} XmbTextItem;
```

```
typedef struct {
    wchar_t *chars;
    int nchars;
    int delta;
    XFontSet font_set;
} XwcTextItem;

typedef struct {
    int charset_count;
    char **charset_list;
} XOMCharSetList;
typedef enum {
    XOMOrientation_LTR_TTB = 0,
    XOMOrientation_RTL_TTB = 1,
    XOMOrientation_TTB_LTR = 2,
    XOMOrientation_TTB_RTL = 3,
    XOMOrientation_Context = 4
} XOrientation;
typedef struct {
    int num_font;
    XFontStruct **font_struct_list;
    char **font_name_list;
} XOMFontInfo;
typedef struct {
    int num_orientation;
    XOrientation *orientation;
} XOMOrientation;

typedef unsigned long int XIMStyle;
typedef struct {
    unsigned short count_styles;
    XIMStyle *supported_styles;
} XIMStyles;
typedef struct {
    XPointer client_data;
    XIMProc callback;
} XIMCallback;
typedef struct {
    XPointer client_data;
    XICProc callback;
} XICCallback;
typedef void (*XIDProc) (Display *, XPointer, XPointer);
extern int XActivateScreenSaver(Display *);
extern int XAddConnectionWatch(Display *, XConnectionWatchProc,
XPointer);
extern XExtCodes *XAddExtension(Display *);
extern int XAddHost(Display *, XHostAddress *);
extern int XAddHosts(Display *, XHostAddress *, int);
extern int XAddToExtensionList(struct _XExtData **, XExtData *);
extern int XAddToSaveSet(Display *, Window);
extern unsigned long int XAllPlanes(void);
extern int XAllocColor(Display *, Colormap, XColor *);
extern int XAllocColorCells(Display *, Colormap, int, unsigned
long int *,
                            unsigned int, unsigned long int *,
                            unsigned int);
extern int XAllocColorPlanes(Display *, Colormap, int, unsigned
long int *,
                                int, int, int, int, unsigned long
int *,
                               unsigned long int *, unsigned long
int *);
extern int XAllocNamedColor(Display *, Colormap, const char *,
XColor *,
                            XColor *);
extern int XAllowEvents(Display *, int, Time);
```

```
extern int XAutoRepeatOff(Display *);
extern int XAutoRepeatOn(Display *);
extern char *XBaseFontNameListOfFontSet(XFontSet);
extern int XBell(Display *, int);
extern int XBitmapBitOrder(Display *);
extern int XBitmapPad(Display *);
extern int XBitmapUnit(Display *);
extern unsigned long int XBlackPixel(Display *, int);
extern unsigned long int XBlackPixelOfScreen(Screen *);
extern int XCellsOfScreen(Screen *);
extern  int  XChangeActivePointerGrab(Display  *,  unsigned  int,
Cursor, Time);
extern int XChangeGC(Display *, GC, unsigned long int, XGCValues
*);
extern int XChangeKeyboardControl(Display *, unsigned long int,
                                  XKeyboardControl *);
extern int XChangeKeyboardMapping(Display *, int, int, KeySym *,
int);
extern  int  XChangePointerControl(Display  *,  int,  int,  int,  int,
int);
extern  int  XChangeProperty(Display  *,  Window,  Atom,  Atom,  int,
int,
                             const unsigned char *, int);
extern int XChangeSaveSet(Display *, Window, int);
extern  int  XChangeWindowAttributes(Display  *,  Window,  unsigned
long int,
                                    XSetWindowAttributes *);
extern int XCheckIfEvent(Display *, XEvent *,
                           int (*)(Display *, XEvent *, XPointer),
XPointer);
extern int XCheckMaskEvent(Display *, long int, XEvent *);
extern int XCheckTypedEvent(Display *, int, XEvent *);
extern  int  XCheckTypedWindowEvent(Display  *,  Window,  int,  XEvent
*);
extern int XCheckWindowEvent(Display *, Window, long int, XEvent
*);
extern int XCirculateSubwindows(Display *, Window, int);
extern int XCirculateSubwindowsDown(Display *, Window);
extern int XCirculateSubwindowsUp(Display *, Window);
extern int XClearArea(Display *, Window, int, int, unsigned int,
                      unsigned int, int);
extern int XClearWindow(Display *, Window);
extern int XCloseDisplay(Display *);
extern int XCloseIM(XIM);
extern int XCloseOM(XOM);
extern int XConfigureWindow(Display *, Window, unsigned int,
                            XWindowChanges *);
extern int XConnectionNumber(Display *);
extern int XContextDependentDrawing(XFontSet);
extern int XContextualDrawing(XFontSet);
extern int XConvertSelection(Display *, Atom, Atom, Atom, Window,
Time);
extern int XCopyArea(Display *, Drawable, Drawable, GC, int, int,
                     unsigned int, unsigned int, int, int);
extern Colormap XCopyColormapAndFree(Display *, Colormap);
extern int XCopyGC(Display *, GC, unsigned long int, GC);
extern  int  XCopyPlane(Display  *,  Drawable,  Drawable,  GC,  int,
int,
                      unsigned int, unsigned int, int, int,
                      unsigned long int);
extern  Pixmap  XCreateBitmapFromData(Display  *,  Drawable,  const
char *,
                                     unsigned int, unsigned int);
extern  Colormap  XCreateColormap(Display  *,  Window,  Visual  *,
int);
extern Cursor XCreateFontCursor(Display *, unsigned int);
```

```
extern XFontSet XCreateFontSet(Display *, const char *, char ***,
int *,
                               char **);
extern GC XCreateGC(Display *, Drawable, unsigned long int,
XGCValues *);
extern Cursor XCreateGlyphCursor(Display *, Font, Font, unsigned
int,
                                 unsigned int, const XColor *,
                                 const XColor *);
extern XIC XCreateIC(XIM, ...);
extern XImage *XCreateImage(Display *, Visual *, unsigned int,
int, int,
                            char *, unsigned int, unsigned int,
int, int);
extern XOC XCreateOC(XOM, ...);
extern Pixmap XCreatePixmap(Display *, Drawable, unsigned int,
                            unsigned int, unsigned int);
extern Cursor XCreatePixmapCursor(Display *, Pixmap, Pixmap,
XColor *,
                                  XColor *, unsigned int,
unsigned int);
extern Pixmap XCreatePixmapFromBitmapData(Display *, Drawable,
char *,
                                          unsigned int, unsigned
int,
                                  unsigned long int,
                                       unsigned long int,
unsigned int);
extern Window XCreateSimpleWindow(Display *, Window, int, int,
                                  unsigned int, unsigned int,
unsigned int,
                                  unsigned long int, unsigned
long int);
extern Window XCreateWindow(Display *, Window, int, int, unsigned
int,
                                 unsigned int, unsigned int, int,
unsigned int,
                            Visual *, unsigned long int,
                            XSetWindowAttributes *);
extern Colormap XDefaultColormap(Display *, int);
extern Colormap XDefaultColormapOfScreen(Screen *);
extern int XDefaultDepth(Display *, int);
extern int XDefaultDepthOfScreen(Screen *);
extern GC XDefaultGC(Display *, int);
extern GC XDefaultGCOfScreen(Screen *);
extern Window XDefaultRootWindow(Display *);
extern int XDefaultScreen(Display *);
extern Screen *XDefaultScreenOfDisplay(Display *);
extern Visual *XDefaultVisual(Display *, int);
extern Visual *XDefaultVisualOfScreen(Screen *);
extern int XDefineCursor(Display *, Window, Cursor);
extern XModifierKeymap *XDeleteModifiermapEntry(XModifierKeymap
*,
                                                unsigned int,
int);
extern int XDeleteProperty(Display *, Window, Atom);
extern void XDestroyIC(XIC);
extern void XDestroyOC(XOC);
extern int XDestroySubwindows(Display *, Window);
extern int XDestroyWindow(Display *, Window);
extern int XDirectionalDependentDrawing(XFontSet);
extern int XDisableAccessControl(Display *);
extern int XDisplayCells(Display *, int);
extern int XDisplayHeight(Display *, int);
extern int XDisplayHeightMM(Display *, int);
extern int XDisplayKeycodes(Display *, int *, int *);
```

```
extern unsigned long int XDisplayMotionBufferSize(Display *);
extern char *XDisplayName(const char *);
extern Display *XDisplayOfIM(XIM);
extern Display *XDisplayOfOM(XOM);
extern Display *XDisplayOfScreen(Screen *);
extern int XDisplayPlanes(Display *, int);
extern char *XDisplayString(Display *);
extern int XDisplayWidth(Display *, int);
extern int XDisplayWidthMM(Display *, int);
extern int XDoesBackingStore(Screen *);
extern int XDoesSaveUnders(Screen *);
extern int XDrawArc(Display *, Drawable, GC, int, int, unsigned
int,
                    unsigned int, int, int);
extern int XDrawArcs(Display *, Drawable, GC, XArc *, int);
extern int XDrawImageString(Display *, Drawable, GC, int, int,
                            const char *, int);
extern int XDrawImageString16(Display *, Drawable, GC, int, int,
                              const XChar2b *, int);
extern int XDrawLine(Display *, Drawable, GC, int, int, int,
int);
extern int XDrawLines(Display *, Drawable, GC, XPoint *, int,
int);
extern int XDrawPoint(Display *, Drawable, GC, int, int);
extern int XDrawPoints(Display *, Drawable, GC, XPoint *, int,
int);
extern int XDrawRectangle(Display *, Drawable, GC, int, int,
unsigned int,
                          unsigned int);
extern int XDrawRectangles(Display *, Drawable, GC, XRectangle *,
int);
extern int XDrawSegments(Display *, Drawable, GC, XSegment *,
int);
extern int XDrawString(Display *, Drawable, GC, int, int, const
char *,
                       int);
extern int XDrawString16(Display *, Drawable, GC, int, int,
                         const XChar2b *, int);
extern int XDrawText(Display *, Drawable, GC, int, int, XTextItem
*, int);
extern int XDrawText16(Display *, Drawable, GC, int, int,
XTextItem16 *,
                       int);
extern XExtData **XEHeadOfExtensionList(XEDataObject);
extern
    void (*XESetBeforeFlush
          (Display *, int,
           void (*)(Display *, XExtCodes *, const char *,
                    long int))) (Display *, XExtCodes *, const
char *,
                                 long int);
extern
    int (*XESetCloseDisplay
            (Display *, int, int (*)(Display *, XExtCodes *)))
(Display *,
                                                            XExt
Codes *);
extern
      int (*XESetCopyGC(Display *, int, int (*)(Display *, GC,
XExtCodes *)))
    (Display *, GC, XExtCodes *);
extern
    int (*XESetCreateFont
         (Display *, int,
              int (*)(Display *, XFontStruct *, XExtCodes *)))
(Display *,
```

```
                                                                XFont
Struct *,
                                                                XExtC
odes *);
extern
    int (*XESetCreateGC
          (Display *, int, int (*)(Display *, GC, XExtCodes *)))
(Display *,

GC,

XExtCodes

*);
extern
    int (*XESetError
         (Display *, int,
             int (*)(Display *, xError *, XExtCodes *, int *)))
(Display *,
                                                                xEr
ror *,
                                                                XEx
tCodes *,
                                                                int
*);
extern char
    *(*XESetErrorString
      (Display *, int,
          char *(*)(Display *, int, XExtCodes *, char *, int)))
(Display *,
                                                                int
,
                                                                XEx
tCodes *,
                                                                cha
r *, int);
extern
    int (*XESetEventToWire
         (Display *, int,
            int (*)(Display *, XEvent *, xEvent *))) (Display *,
XEvent *,
                                                        xEvent *);
extern
    int (*XESetFlushGC
          (Display *, int, int (*)(Display *, GC, XExtCodes *)))
(Display *,

GC,

XExtCodes

*);
extern
    int (*XESetFreeFont
         (Display *, int,
              int (*)(Display *, XFontStruct *, XExtCodes *)))
(Display *,
                                                                XFont
Struct *,
                                                                XExtC
odes *);
extern
      int (*XESetFreeGC(Display *, int, int (*)(Display *, GC,
XExtCodes *)))
    (Display *, GC, XExtCodes *);
extern
```

```
    void (*XESetPrintErrorValues
          (Display *, int,
            void (*)(Display *, XErrorEvent *, void *))) (Display
*,
                                                          XErrorEv
ent *,
                                                         void *);
extern
    int (*XESetWireToError
         (Display *, int,
           int (*)(Display *, XErrorEvent *, xError *))) (Display
*,
                                                          XErrorEv
ent *,
                                                            xError
*);
extern
    int (*XESetWireToEvent
         (Display *, int,
            int (*)(Display *, XEvent *, xEvent *))) (Display *,
XEvent *,
                                                       xEvent *);
extern int XEnableAccessControl(Display *);
extern long int XEventMaskOfScreen(Screen *);
extern int XEventsQueued(Display *, int);
extern long int XExtendedMaxRequestSize(Display *);
extern XFontSetExtents *XExtentsOfFontSet(XFontSet);
extern char *XFetchBuffer(Display *, int *, int);
extern char *XFetchBytes(Display *, int *);
extern int XFetchName(Display *, Window, char **);
extern int XFillArc(Display *, Drawable, GC, int, int, unsigned
int,
                    unsigned int, int, int);
extern int XFillArcs(Display *, Drawable, GC, XArc *, int);
extern int XFillPolygon(Display *, Drawable, GC, XPoint *, int,
int, int);
extern int XFillRectangle(Display *, Drawable, GC, int, int,
unsigned int,
                          unsigned int);
extern int XFillRectangles(Display *, Drawable, GC, XRectangle *,
int);
extern int XFilterEvent(XEvent *, Window);
extern XExtData *XFindOnExtensionList(XExtData * *, int);
extern int XFlush(Display *);
extern void XFlushGC(Display *, GC);
extern int XFontsOfFontSet(XFontSet, XFontStruct * **, char ***);
extern int XForceScreenSaver(Display *, int);
extern int XFree(void *);
extern int XFreeColormap(Display *, Colormap);
extern int XFreeColors(Display *, Colormap, unsigned long int *,
int,
                       unsigned long int);
extern int XFreeCursor(Display *, Cursor);
extern int XFreeExtensionList(char **);
extern int XFreeFont(Display *, XFontStruct *);
extern int XFreeFontInfo(char **, XFontStruct *, int);
extern int XFreeFontNames(char **);
extern int XFreeFontPath(char **);
extern void XFreeFontSet(Display *, XFontSet);
extern int XFreeGC(Display *, GC);
extern int XFreeModifiermap(XModifierKeymap *);
extern int XFreePixmap(Display *, Pixmap);
extern void XFreeStringList(char **);
extern GContext XGContextFromGC(GC);
extern int XGeometry(Display *, int, const char *, const char *,
                     unsigned int, unsigned int, unsigned int,
```

```
int, int,
                    int *, int *, int *, int *);
extern char *XGetAtomName(Display *, Atom);
extern int XGetAtomNames(Display *, Atom *, int, char **);
extern int XGetCommand(Display *, Window, char ***, int *);
extern char *XGetDefault(Display *, const char *, const char *);
extern int XGetErrorDatabaseText(Display *, const char *, const
char *,
                                 const char *, char *, int);
extern int XGetErrorText(Display *, int, char *, int);
extern char **XGetFontPath(Display *, int *);
extern int XGetFontProperty(XFontStruct *, Atom, unsigned long
int *);
extern int XGetGCValues(Display *, GC, unsigned long int,
XGCValues *);
extern int XGetGeometry(Display *, Drawable, Window *, int *, int
*,
                        unsigned int *, unsigned int *, unsigned
int *,
                       unsigned int *);
extern char *XGetICValues(XIC, ...);
extern char *XGetIMValues(XIM, ...);
extern int XGetIconName(Display *, Window, char **);
extern XImage *XGetImage(Display *, Drawable, int, int, unsigned
int,
                        unsigned int, unsigned long int, int);
extern int XGetInputFocus(Display *, Window *, int *);
extern int XGetKeyboardControl(Display *, XKeyboardState *);
extern KeySym *XGetKeyboardMapping(Display *, unsigned int, int,
int *);
extern XModifierKeymap *XGetModifierMapping(Display *);
extern XTimeCoord *XGetMotionEvents(Display *, Window, Time,
Time, int *);
extern char *XGetOCValues(XOC, ...);
extern char *XGetOMValues(XOM, ...);
extern int XGetPointerControl(Display *, int *, int *, int *);
extern int XGetPointerMapping(Display *, unsigned char *, int);
extern int XGetScreenSaver(Display *, int *, int *, int *, int
*);
extern Window XGetSelectionOwner(Display *, Atom);
extern XImage *XGetSubImage(Display *, Drawable, int, int,
unsigned int,
                           unsigned int, unsigned long int, int,
XImage *,
                           int, int);
extern int XGetTransientForHint(Display *, Window, Window *);
extern int XGetWMColormapWindows(Display *, Window, Window * *,
int *);
extern int XGetWMProtocols(Display *, Window, Atom * *, int *);
extern int XGetWindowAttributes(Display *, Window,
XWindowAttributes *);
extern int XGetWindowProperty(Display *, Window, Atom, long int,
long int,
                              int, Atom, Atom *, int *,
                               unsigned long int *, unsigned long
int *,
                              unsigned char **);
extern int XGrabButton(Display *, unsigned int, unsigned int,
Window, int,
                       unsigned int, int, int, Window, Cursor);
extern int XGrabKey(Display *, int, unsigned int, Window, int,
int, int);
extern int XGrabKeyboard(Display *, Window, int, int, int, Time);
extern int XGrabPointer(Display *, Window, int, unsigned int,
int, int,
                        Window, Cursor, Time);
```

```
extern int XGrabServer(Display *);
extern int XHeightMMOfScreen(Screen *);
extern int XHeightOfScreen(Screen *);
extern XIM XIMOfIC(XIC);
extern int XIconifyWindow(Display *, Window, int);
extern int XIfEvent(Display *, XEvent *,
                        int (*)(Display *, XEvent *, XPointer),
XPointer);
extern int XImageByteOrder(Display *);
extern XExtCodes *XInitExtension(Display *, const char *);
extern int XInitImage(XImage *);
extern int XInitThreads(void);
extern  XModifierKeymap  *XInsertModifiermapEntry(XModifierKeymap
*,
                                                  unsigned int,
int);
extern int XInstallColormap(Display *, Colormap);
extern Atom XInternAtom(Display *, const char *, int);
extern int XInternAtoms(Display *, char **, int, int, Atom *);
extern int XInternalConnectionNumbers(Display *, int **, int *);
extern KeySym XKeycodeToKeysym(Display *, unsigned int, int);
extern KeyCode XKeysymToKeycode(Display *, KeySym);
extern char *XKeysymToString(KeySym);
extern int XKillClient(Display *, XID);
extern unsigned long int XLastKnownRequestProcessed(Display *);
extern int *XListDepths(Display *, int, int *);
extern char **XListExtensions(Display *, int *);
extern char **XListFonts(Display *, const char *, int, int *);
extern  char  **XListFontsWithInfo(Display  *,  const  char  *,  int,
int *,
                                   XFontStruct * *);
extern XHostAddress *XListHosts(Display *, int *, int *);
extern  Colormap  *XListInstalledColormaps(Display  *,  Window,  int
*);
extern XPixmapFormatValues *XListPixmapFormats(Display *, int *);
extern Atom *XListProperties(Display *, Window, int *);
extern Font XLoadFont(Display *, const char *);
extern XFontStruct *XLoadQueryFont(Display *, const char *);
extern char *XLocaleOfFontSet(XFontSet);
extern char *XLocaleOfIM(XIM);
extern char *XLocaleOfOM(XOM);
extern void XLockDisplay(Display *);
extern int XLookupColor(Display *, Colormap, const char *, XColor
*,
                        XColor *);
extern KeySym XLookupKeysym(XKeyEvent *, int);
extern int XLowerWindow(Display *, Window);
extern int XMapRaised(Display *, Window);
extern int XMapSubwindows(Display *, Window);
extern int XMapWindow(Display *, Window);
extern int XMaskEvent(Display *, long int, XEvent *);
extern int XMaxCmapsOfScreen(Screen *);
extern long int XMaxRequestSize(Display *);
extern int XMinCmapsOfScreen(Screen *);
extern  int  XMoveResizeWindow(Display  *,  Window,  int,  int,
unsigned int,
                               unsigned int);
extern int XMoveWindow(Display *, Window, int, int);
extern XModifierKeymap *XNewModifiermap(int);
extern int XNextEvent(Display *, XEvent *);
extern unsigned long int XNextRequest(Display *);
extern int XNoOp(Display *);
extern XOM XOMOfOC(XOC);
extern Display *XOpenDisplay(const char *);
extern XIM XOpenIM(Display *, struct _XrmHashBucketRec *, char *,
char *);
```

```
extern XOM XOpenOM(Display *, struct _XrmHashBucketRec *, const
char *,
                   const char *);
extern int XParseColor(Display *, Colormap, const char *, XColor
*);
extern int XParseGeometry(const char *, int *, int *, unsigned
int *,
                          unsigned int *);
extern int XPeekEvent(Display *, XEvent *);
extern int XPeekIfEvent(Display *, XEvent *,
                          int (*)(Display *, XEvent *, XPointer),
XPointer);
extern int XPending(Display *);
extern int XPlanesOfScreen(Screen *);
extern void XProcessInternalConnection(Display *, int);
extern int XProtocolRevision(Display *);
extern int XProtocolVersion(Display *);
extern int XPutBackEvent(Display *, XEvent *);
extern int XPutImage(Display *, Drawable, GC, XImage *, int, int,
int, int,
                     unsigned int, unsigned int);
extern int XQLength(Display *);
extern int XQueryBestCursor(Display *, Drawable, unsigned int,
                                    unsigned int, unsigned int *,
unsigned int *);
extern int XQueryBestSize(Display *, int, Drawable, unsigned int,
                           unsigned int, unsigned int *, unsigned
int *);
extern int XQueryBestStipple(Display *, Drawable, unsigned int,
                                    unsigned int, unsigned int *,
unsigned int *);
extern int XQueryBestTile(Display *, Drawable, unsigned int,
unsigned int,
                          unsigned int *, unsigned int *);
extern int XQueryColor(Display *, Colormap, XColor *);
extern int XQueryColors(Display *, Colormap, XColor *, int);
extern int XQueryExtension(Display *, const char *, int *, int *,
int *);
extern XFontStruct *XQueryFont(Display *, XID);
extern int XQueryKeymap(Display *, char[32]);
extern int XQueryPointer(Display *, Window, Window *, Window *,
int *,
                         int *, int *, int *, unsigned int *);
extern int XQueryTextExtents(Display *, XID, const char *, int,
int *,
                             int *, int *, XCharStruct *);
extern int XQueryTextExtents16(Display *, XID, const XChar2b *,
int, int *,
                               int *, int *, XCharStruct *);
extern int XQueryTree(Display *, Window, Window *, Window *,
Window * *,
                      unsigned int *);
extern int XRaiseWindow(Display *, Window);
extern int XReadBitmapFile(Display *, Drawable, const char *,
                           unsigned int *, unsigned int *, Pixmap
*, int *,
                           int *);
extern int XReadBitmapFileData(const char *, unsigned int *,
                                 unsigned int *, unsigned char **,
int *,
                               int *);
extern int XRebindKeysym(Display *, KeySym, KeySym *, int,
                         const unsigned char *, int);
extern int XRecolorCursor(Display *, Cursor, XColor *, XColor *);
extern int XReconfigureWMWindow(Display *, Window, int, unsigned
int,
```

```
                                XWindowChanges *);
extern int XRefreshKeyboardMapping(XMappingEvent *);
extern int XRegisterIMInstantiateCallback(Display *,
                                                              struct
_XrmHashBucketRec *,
                                                    char *, char *,
XIDProc,
                                           XPointer);
extern        void        XRemoveConnectionWatch(Display        *,
XConnectionWatchProc,
                                     XPointer);
extern int XRemoveFromSaveSet(Display *, Window);
extern int XRemoveHost(Display *, XHostAddress *);
extern int XRemoveHosts(Display *, XHostAddress *, int);
extern int XReparentWindow(Display *, Window, Window, int, int);
extern int XResetScreenSaver(Display *);
extern  int  XResizeWindow(Display  *,  Window,  unsigned  int,
unsigned int);
extern char *XResourceManagerString(Display *);
extern int XRestackWindows(Display *, Window *, int);
extern Window XRootWindow(Display *, int);
extern Window XRootWindowOfScreen(Screen *);
extern int XRotateBuffers(Display *, int);
extern  int  XRotateWindowProperties(Display  *,  Window,  Atom  *,
int, int);
extern int XScreenCount(Display *);
extern int XScreenNumberOfScreen(Screen *);
extern Screen *XScreenOfDisplay(Display *, int);
extern char *XScreenResourceString(Screen *);
extern int XSelectInput(Display *, Window, long int);
extern  int  XSendEvent(Display  *,  Window,  int,  long  int,  XEvent
*);
extern char *XServerVendor(Display *);
extern int XSetAccessControl(Display *, int);
extern  int  (*XSetAfterFunction(Display  *,  int  (*)(Display  *)))
(Display *);
extern int XSetArcMode(Display *, GC, int);
extern void XSetAuthorization(char *, int, char *, int);
extern int XSetBackground(Display *, GC, unsigned long int);
extern int XSetClipMask(Display *, GC, Pixmap);
extern int XSetClipOrigin(Display *, GC, int, int);
extern int XSetClipRectangles(Display *, GC, int, int, XRectangle
*, int,
                              int);
extern int XSetCloseDownMode(Display *, int);
extern int XSetCommand(Display *, Window, char **, int);
extern int XSetDashes(Display *, GC, int, const char *, int);
extern XErrorHandler XSetErrorHandler(XErrorHandler);
extern int XSetFillRule(Display *, GC, int);
extern int XSetFillStyle(Display *, GC, int);
extern int XSetFont(Display *, GC, Font);
extern int XSetFontPath(Display *, char **, int);
extern int XSetForeground(Display *, GC, unsigned long int);
extern int XSetFunction(Display *, GC, int);
extern int XSetGraphicsExposures(Display *, GC, int);
extern void XSetICFocus(XIC);
extern char *XSetICValues(XIC, ...);
extern char *XSetIMValues(XIM, ...);
extern XIOErrorHandler XSetIOErrorHandler(XIOErrorHandler);
extern int XSetIconName(Display *, Window, const char *);
extern int XSetInputFocus(Display *, Window, int, Time);
extern  int  XSetLineAttributes(Display  *,  GC,  unsigned  int,  int,
int, int);
extern char *XSetLocaleModifiers(const char *);
extern int XSetModifierMapping(Display *, XModifierKeymap *);
extern char *XSetOCValues(XOC, ...);
```

```
extern char *XSetOMValues(XOM, ...);
extern int XSetPlaneMask(Display *, GC, unsigned long int);
extern int XSetPointerMapping(Display *, const unsigned char *,
int);
extern int XSetScreenSaver(Display *, int, int, int, int);
extern int XSetSelectionOwner(Display *, Atom, Window, Time);
extern int XSetState(Display *, GC, unsigned long int, unsigned
long int,
                     int, unsigned long int);
extern int XSetStipple(Display *, GC, Pixmap);
extern int XSetSubwindowMode(Display *, GC, int);
extern int XSetTSOrigin(Display *, GC, int, int);
extern int XSetTile(Display *, GC, Pixmap);
extern int XSetTransientForHint(Display *, Window, Window);
extern int XSetWMColormapWindows(Display *, Window, Window *,
int);
extern int XSetWMProtocols(Display *, Window, Atom *, int);
extern int XSetWindowBackground(Display *, Window, unsigned long
int);
extern int XSetWindowBackgroundPixmap(Display *, Window, Pixmap);
extern int XSetWindowBorder(Display *, Window, unsigned long
int);
extern int XSetWindowBorderPixmap(Display *, Window, Pixmap);
extern int XSetWindowBorderWidth(Display *, Window, unsigned
int);
extern int XSetWindowColormap(Display *, Window, Colormap);
extern int XStoreBuffer(Display *, const char *, int, int);
extern int XStoreBytes(Display *, const char *, int);
extern int XStoreColor(Display *, Colormap, XColor *);
extern int XStoreColors(Display *, Colormap, XColor *, int);
extern int XStoreName(Display *, Window, const char *);
extern int XStoreNamedColor(Display *, Colormap, const char *,
                            unsigned long int, int);
extern KeySym XStringToKeysym(const char *);
extern int XSupportsLocale(void);
extern int XSync(Display *, int);
extern int (*XSynchronize(Display *, int)) (Display *);
extern int XTextExtents(XFontStruct *, const char *, int, int *,
int *,
                        int *, XCharStruct *);
extern int XTextExtents16(XFontStruct *, const XChar2b *, int,
int *,
                          int *, int *, XCharStruct *);
extern int XTextWidth(XFontStruct *, const char *, int);
extern int XTextWidth16(XFontStruct *, const XChar2b *, int);
extern int XTranslateCoordinates(Display *, Window, Window, int,
int,
                                 int *, int *, Window *);
extern int XUndefineCursor(Display *, Window);
extern int XUngrabButton(Display *, unsigned int, unsigned int,
Window);
extern int XUngrabKey(Display *, int, unsigned int, Window);
extern int XUngrabKeyboard(Display *, Time);
extern int XUngrabPointer(Display *, Time);
extern int XUngrabServer(Display *);
extern int XUninstallColormap(Display *, Colormap);
extern int XUnloadFont(Display *, Font);
extern void XUnlockDisplay(Display *);
extern int XUnmapSubwindows(Display *, Window);
extern int XUnmapWindow(Display *, Window);
extern int XUnregisterIMInstantiateCallback(Display *,
                                                              struct
_XrmHashBucketRec *,
                                                    char *, char *,
XIDProc,
                                           XPointer);
```

```
extern void XUnsetICFocus(XIC);
extern XVaNestedList XVaCreateNestedList(int, ...);
extern int XVendorRelease(Display *);
extern VisualID XVisualIDFromVisual(Visual *);
extern int XWarpPointer(Display *, Window, Window, int, int,
unsigned int,
                        unsigned int, int, int);
extern unsigned long int XWhitePixel(Display *, int);
extern unsigned long int XWhitePixelOfScreen(Screen *);
extern int XWidthMMOfScreen(Screen *);
extern int XWidthOfScreen(Screen *);
extern int XWindowEvent(Display *, Window, long int, XEvent *);
extern int XWithdrawWindow(Display *, Window, int);
extern int XWriteBitmapFile(Display *, const char *, Pixmap,
unsigned int,
                            unsigned int, int, int);
extern void XmbDrawImageString(Display *, Drawable, XFontSet, GC,
int, int,
                               const char *, int);
extern void XmbDrawString(Display *, Drawable, XFontSet, GC, int,
int,
                          const char *, int);
extern void XmbDrawText(Display *, Drawable, GC, int, int,
XmbTextItem *,
                        int);
extern int XmbLookupString(XIC, XKeyPressedEvent *, char *, int,
KeySym *,
                           int *);
extern char *XmbResetIC(XIC);
extern int XmbTextEscapement(XFontSet, const char *, int);
extern int XmbTextExtents(XFontSet, const char *, int, XRectangle
*,
                          XRectangle *);
extern int XmbTextPerCharExtents(XFontSet, const char *, int,
XRectangle *,
                                 XRectangle *, int, int *,
XRectangle *,
                                 XRectangle *);
extern void XrmInitialize(void);
extern void XwcDrawImageString(Display *, Drawable, XFontSet, GC,
int, int,
                               const wchar_t *, int);
extern void XwcDrawString(Display *, Drawable, XFontSet, GC, int,
int,
                          const wchar_t *, int);
extern void XwcDrawText(Display *, Drawable, GC, int, int,
XwcTextItem *,
                        int);
extern int XwcLookupString(XIC, XKeyPressedEvent *, wchar_t *,
int,
                           KeySym *, int *);
extern wchar_t *XwcResetIC(XIC);
extern int XwcTextEscapement(XFontSet, const wchar_t *, int);
extern int XwcTextExtents(XFontSet, const wchar_t *, int,
XRectangle *,
                          XRectangle *);
extern int XwcTextPerCharExtents(XFontSet, const wchar_t *, int,
                                 XRectangle *, XRectangle *, int,
int *,
                                 XRectangle *, XRectangle *);
```

6.2.8 X11/Xlibint.h

```
#define NEED_EVENTS
```

```
#define NEED_REPLIES
#define WORD64ALIGN
#define min(a,b)        (((a) < (b)) ? (a) : (b))
#define max(a,b)        (((a) > (b)) ? (a) : (b))
#define  CI_NONEXISTCHAR(cs)       (((cs)->width == 0) && (((cs)-
>rbearing|(cs)->lbearing| (cs)->ascent|(cs)->descent) == 0))
#define XAllocIDs(dpy,ids,n)    (*(dpy)->idlist_alloc)(dpy,ids,n)
#define XlibDisplayIOError      (1L << 0)
#define XlibDisplayClosing      (1L << 1)
#define XlibDisplayNoXkb        (1L << 2)
#define XlibDisplayPrivSync     (1L << 3)
#define XlibDisplayProcConni    (1L << 4)
#define XlibDisplayReadEvents   (1L << 5)
#define XlibDisplayReply        (1L << 5)
#define XlibDisplayWriting      (1L << 6)
#define XlibDisplayDfltRMDB     (1L << 7)
#define UNLOCKED        0
#define LOCKED  1
#define WRCTSPERBATCH   10
#define PTSPERBATCH     1024
#define ZLNSPERBATCH    1024
#define BUFSIZE 2048
#define FARCSPERBATCH   256
#define FRCTSPERBATCH   256
#define XCONN_CHECK_FREQ        256
#define ZRCTSPERBATCH   256
#define WLNSPERBATCH    50
#define Xcalloc(nelem,elsize)   calloc((nelem), (elsize))
#define  CI_GET_DEFAULT_INFO_1D(fs,cs)    CI_GET_CHAR_INFO_1D (fs,
fs->default_char, NULL, cs)
#define CURSORFONT      "cursor"
#define  Data16(dpy,data,len)        Data((dpy),  (char  *)(data),
(len))
#define PackData16(dpy,data,len)        Data16 (dpy, data, len)
#define PackData32(dpy,data,len)        Data32 (dpy, data, len)
#define _XFopenFile(path,mode)  fopen(path,mode)
#define Xfree(ptr)      free((ptr))
#define  LockDisplay(d)     if  ((d)->lock_fns)  (*(d)->lock_fns-
>lock_display)(d)
#define  UnlockDisplay(d)              if  ((d)->lock_fns)  (*(d)-
>lock_fns->unlock_display)(d)
#define  FlushGC(dpy,gc)  if  ((gc)->dirty)  _XFlushGCCache((dpy),
(gc))
#define   SetReqLen(req,n,badlen)   if   ((req->length   +   n)   >
(unsigned)65535)  {  if  (dpy->bigreq_size)  {  MakeBigReq(req,n)  }
else { n = badlen; req->length += n; } } else req->length += n
#define  BufAlloc(type,ptr,n)      if (dpy->bufptr + (n) > dpy-
>bufmax) _XFlush (dpy); ptr = (type) dpy->bufptr; (void)ptr; dpy-
>bufptr += (n);
#define SyncHandle()    if (dpy->synchandler) (*dpy->synchandler)
(dpy)
#define   _XCreateMutex(lock)             if   (_XCreateMutex_fn)
(*_XCreateMutex_fn)(lock);
#define   _XFreeMutex(lock)                 if   (_XFreeMutex_fn)
(*_XFreeMutex_fn)(lock);
#define   _XLockMutex(lock)                 if   (_XLockMutex_fn)
(*_XLockMutex_fn)(lock)
#define   _XUnlockMutex(lock)             if   (_XUnlockMutex_fn)
(*_XUnlockMutex_fn)(lock)
#define Xmalloc(size)   malloc((size))
#define _XOpenFile(path,flags)  open(path,flags)
#define _XOpenFileMode(path,flags,mode) open(path,flags,mode)
#define PackData(dpy,data,len)  PackData16 (dpy, data, len)
#define Xrealloc(ptr,size)      realloc((ptr), (size))
#define  GetReqExtra(name,n,req)  WORD64ALIGN  if  ((dpy->bufptr  +
SIZEOF(x ##name ##Req) + n) > dpy->bufmax) _XFlush(dpy); req = (x
```

```
##name ##Req *)(dpy->last_req = dpy->bufptr); req->reqType = X_
##name; req->length = (SIZEOF(x ##name ##Req) + n)>>2; dpy-
>bufptr += SIZEOF(x ##name ##Req) + n; dpy->request++
#define GetReq(name,req)          WORD64ALIGN if ((dpy->bufptr +
SIZEOF(x ##name ##Req)) > dpy->bufmax) _XFlush(dpy); req = (x
##name ##Req *)(dpy->last_req = dpy->bufptr); req->reqType = X_
##name; req->length = (SIZEOF(x ##name ##Req))>>2; dpy->bufptr +=
SIZEOF(x ##name ##Req); dpy->request++
#define GetEmptyReq(name,req)     WORD64ALIGN if ((dpy->bufptr +
SIZEOF(xReq)) > dpy->bufmax) _XFlush(dpy); req = (xReq *) (dpy-
>last_req = dpy->bufptr); req->reqType = X_ ##name; req->length =
1; dpy->bufptr += SIZEOF(xReq); dpy->request++
#define GetResReq(name,rid,req) WORD64ALIGN if ((dpy->bufptr +
SIZEOF(xResourceReq))   >   dpy->bufmax)   _XFlush(dpy);   req   =
(xResourceReq *) (dpy->last_req = dpy->bufptr); req->reqType = X_
##name;  req->length  =  2;  req->id  =  (rid);  dpy->bufptr  +=
SIZEOF(xResourceReq); dpy->request++
#define _XBCOPYFUNC     _Xbcopy
#define Data32(dpy,data,len)    _XData32(dpy, (long *)data, len)
#define  _XRead16(dpy,data,len)    _XRead((dpy),  (char  *)(data),
(len))
#define _XRead16Pad(dpy,data,len)       _XReadPad((dpy), (char *)
(data), (len))
#define  OneDataCard32(dpy,dstaddr,srcvar)          {  *(CARD32  *)
(dstaddr) = (srcvar); }
#define MakeBigReq(req,n)        { CARD64 _BRdat; CARD32 _BRlen =
req->length  -  1;  req->length  =  0;  _BRdat  =  ((CARD32  *)req)
[_BRlen]; memmove(((char *)req) + 8, ((char *)req) + 4, _BRlen <<
2); ((CARD32 *)req)[1] = _BRlen + n + 2; Data32(dpy, &_BRdat, 4);
}
#define CI_GET_CHAR_INFO_1D(fs,col,def,cs)        { cs = def; if
(col  >=  fs->min_char_or_byte2  &&  col  <=  fs->max_char_or_byte2)
{ if (fs->per_char == NULL) { cs = &fs->min_bounds; } else { cs =
&fs->per_char[(col       -       fs->min_char_or_byte2)];       if
(CI_NONEXISTCHAR(cs)) cs = def; } } }
#define  CI_GET_CHAR_INFO_2D(fs,row,col,def,cs)   {  cs  =  def;  if
(row  >=  fs->min_byte1  &&  row  <=  fs->max_byte1  &&  col  >=  fs-
>min_char_or_byte2  &&  col  <=  fs->max_char_or_byte2)  {  if  (fs-
>per_char  ==  NULL)  {  cs  =  &fs->min_bounds;  }  else  {  cs  =  &fs-
>per_char[((row  -  fs->min_byte1)  *  (fs->max_char_or_byte2  -  fs-
>min_char_or_byte2  +  1))  +  (col  -  fs->min_char_or_byte2)];  if
(CI_NONEXISTCHAR(cs)) cs = def; } } }
#define DeqAsyncHandler(dpy,handler)    { if (dpy->async_handlers
==   (handler))   dpy->async_handlers   =   (handler)->next;   else
_XDeqAsyncHandler(dpy, handler); }
#define Data(dpy,data,len)      { if (dpy->bufptr + (len) <= dpy-
>bufmax)  {  memcpy(dpy->bufptr,  data,  (int)len);  dpy->bufptr  +=
((len) + 3) & ~3; } else _XSend(dpy, data, len); }
#define CI_GET_DEFAULT_INFO_2D(fs,cs)    { unsigned int r = (fs-
>default_char >> 8); unsigned int c = (fs->default_char & 0xff);
CI_GET_CHAR_INFO_2D (fs, r, c, NULL, cs); }

typedef struct _XSQEvent {
    struct _XSQEvent *next;
    XEvent event;
    unsigned long int qserial_num;
} _XQEvent;
typedef struct _LockInfoRec *LockInfoPtr;
typedef struct _XInternalAsync {
    struct _XInternalAsync *next;
    int (*handler) (Display *, xReply *, char *, int, XPointer);
    XPointer data;
} _XAsyncHandler;
typedef struct _XAsyncEState {
    unsigned long int min_sequence_number;
    unsigned long int max_sequence_number;
```

```
    unsigned char error_code;
    unsigned char major_opcode;
    unsigned short minor_opcode;
    unsigned char last_error_received;
    int error_count;
} _XAsyncErrorState;
typedef void (*FreeFuncType) (Display *);
typedef int (*FreeModmapType) (XModifierKeymap *);
typedef struct _XFreeFuncs {
    FreeFuncType atoms;
    FreeModmapType modifiermap;
    FreeFuncType key_bindings;
    FreeFuncType context_db;
    FreeFuncType defaultCCCs;
    FreeFuncType clientCmaps;
    FreeFuncType intensityMaps;
    FreeFuncType im_filters;
    FreeFuncType xkb;
} _XFreeFuncRec;
typedef int (*CreateGCType) (Display *, GC, XExtCodes *);
typedef int (*CopyGCType) (Display *, GC, XExtCodes *);
typedef int (*FlushGCType) (Display *, GC, XExtCodes *);
typedef int (*FreeGCType) (Display *, GC, XExtCodes *);
typedef   int   (*CreateFontType)   (Display   *,   XFontStruct   *,
XExtCodes *);
typedef int (*FreeFontType) (Display *, XFontStruct *, XExtCodes
*);
typedef int (*CloseDisplayType) (Display *, XExtCodes *);
typedef int (*ErrorType) (Display *, xError *, XExtCodes *, int
*);
typedef  char  *(*ErrorStringType)  (Display  *,  int,  XExtCodes  *,
char *,
                                     int);
typedef  void  (*PrintErrorType)  (Display  *,  XErrorEvent  *,  void
*);
typedef  void  (*BeforeFlushType)  (Display  *,  XExtCodes  *,  const
char *,
                                    long int);
typedef struct _XExten {
    struct _XExten *next;
    XExtCodes codes;
    CreateGCType create_GC;
    CopyGCType copy_GC;
    FlushGCType flush_GC;
    FreeGCType free_GC;
    CreateFontType create_Font;
    FreeFontType free_Font;
    CloseDisplayType close_display;
    ErrorType error;
    ErrorStringType error_string;
    char *name;
    PrintErrorType error_values;
    BeforeFlushType before_flush;
    struct _XExten *next_flush;
} _XExtension;
typedef   void   (*_XInternalConnectionProc)   (Display   *,   int,
XPointer);
struct _XDisplay {
    XExtData *ext_data;
    struct _XFreeFuncs *free_funcs;
    int fd;
    int conn_checker;
    int proto_major_version;
    int proto_minor_version;
    char *vendor;
    XID resource_base;
```

```
XID resource_mask;
XID resource_id;
int resource_shift;
 XID(*resource_alloc) (struct _XDisplay *);
int byte_order;
int bitmap_unit;
int bitmap_pad;
int bitmap_bit_order;
int nformats;
ScreenFormat *pixmap_format;
int vnumber;
int release;
struct _XSQEvent *head;
struct _XSQEvent *tail;
int qlen;
unsigned long int last_request_read;
unsigned long int request;
char *last_req;
char *buffer;
char *bufptr;
char *bufmax;
unsigned int max_request_size;
struct _XrmHashBucketRec *db;
int (*synchandler) (struct _XDisplay *);
char *display_name;
int default_screen;
int nscreens;
Screen *screens;
unsigned long int motion_buffer;
unsigned long int flags;
int min_keycode;
int max_keycode;
KeySym *keysyms;
XModifierKeymap *modifiermap;
int keysyms_per_keycode;
char *xdefaults;
char *scratch_buffer;
unsigned long int scratch_length;
int ext_number;
struct _XExten *ext_procs;
int (*event_vec[128]) (Display *, XEvent *, xEvent *);
int (*wire_vec[128]) (Display *, XEvent *, xEvent *);
KeySym lock_meaning;
struct _XLockInfo *lock;
struct _XInternalAsync *async_handlers;
unsigned long int bigreq_size;
struct _XLockPtrs *lock_fns;
void (*idlist_alloc) (Display *, XID *, int);
struct _XKeytrans *key_bindings;
Font cursor_font;
struct _XDisplayAtoms *atoms;
unsigned int mode_switch;
unsigned int num_lock;
struct _XContextDB *context_db;
int (**error_vec) (Display *, XErrorEvent *, xError *);
struct {
    XPointer defaultCCCs;
    XPointer clientCmaps;
    XPointer perVisualIntensityMaps;
} cms;
struct _XIMFilter *im_filters;
struct _XSQEvent *qfree;
unsigned long int next_event_serial_num;
struct _XExten *flushes;
struct _XConnectionInfo *im_fd_info;
int im_fd_length;
```

```
    struct _XConnWatchInfo *conn_watchers;
    int watcher_count;
    XPointer filedes;
    int (*savedsynchandler) (Display *);
    XID resource_max;
    int xcmisc_opcode;
    struct _XkbInfoRec *xkb_info;
    struct _XtransConnInfo *trans_conn;
};
struct _XGC {
    XExtData *ext_data;
    GContext gid;
    int rects;
    int dashes;
    unsigned long int dirty;
    XGCValues values;
};
```

6.2.9 X11/Xmd.h

```
#define B16
#define B32
#define NEXTPTR(p,t)    (((t *)(p)) + 1)
#define cvtINT16toInt(val)      (val)
#define cvtINT16toLong(val)     (val)
#define cvtINT16toShort(val)    (val)
#define cvtINT32toInt(val)      (val)
#define cvtINT32toLong(val)     (val)
#define cvtINT32toShort(val)    (val)
#define cvtINT8toInt(val)       (val)
#define cvtINT8toLong(val)      (val)
#define cvtINT8toShort(val)     (val)
#define _SIZEOF(x)      sz_ ##x
#define SIZEOF(x)       _SIZEOF(x)

typedef unsigned short CARD16;
typedef unsigned char CARD8;
typedef CARD8 BOOL;
typedef unsigned char BYTE;
typedef CARD32 BITS32;
typedef CARD16 BITS16;
typedef int INT32;
typedef short int INT16;
typedef signed char INT8;
```

6.2.10 X11/Xosdefs.h

```
#ifndef MAXPATHLEN
#define MAXPATHLEN      4096
#endif
#ifndef PATH_MAX
#define PATH_MAX        4096
#endif
```

6.2.11 X11/Xproto.h

```
#define ELFlagFocus     (1<<0)
#define ELFlagSameScreen        (1<<1)
#define XEventSize      (sizeof(xEvent))
#define X_Error 0
#define xFalse  0
```

```
#define X_CreateWindow  1
#define X_Reply 1
#define xTrue   1
#define X_UnmapWindow   10
#define X_ChangeKeyboardMapping 100
#define X_GetKeyboardMapping    101
#define X_ChangeKeyboardControl 102
#define X_GetKeyboardControl    103
#define X_Bell  104
#define X_ChangePointerControl  105
#define X_GetPointerControl     106
#define X_SetScreenSaver        107
#define X_GetScreenSaver        108
#define X_ChangeHosts   109
#define X_UnmapSubwindows       11
#define X_ListHosts     110
#define X_SetAccessControl      111
#define X_SetCloseDownMode      112
#define X_KillClient    113
#define X_RotateProperties      114
#define X_ForceScreenSaver      115
#define X_SetPointerMapping     116
#define X_GetPointerMapping     117
#define X_SetModifierMapping    118
#define X_GetModifierMapping    119
#define X_ConfigureWindow       12
#define sz_xAllocColorCellsReq  12
#define sz_xAllocNamedColorReq  12
#define sz_xArc 12
#define sz_xChangeGCReq 12
#define sz_xChangePointerControlReq     12
#define sz_xChangeWindowAttributesReq   12
#define sz_xCharInfo    12
#define sz_xColorItem   12
#define sz_xConfigureWindowReq  12
#define sz_xConnClientPrefix    12
#define sz_xCopyColormapAndFreeReq      12
#define sz_xDeletePropertyReq   12
#define sz_xFreeColorsReq       12
#define sz_xLookupColorReq      12
#define sz_xOpenFontReq 12
#define sz_xPolyArcReq  12
#define sz_xPolyFillArcReq      12
#define sz_xPolyFillRectangleReq        12
#define sz_xPolyLineReq 12
#define sz_xPolyPointReq        12
#define sz_xPolyRectangleReq    12
#define sz_xPolySegmentReq      12
#define sz_xQueryBestSizeReq    12
#define sz_xRotatePropertiesReq 12
#define sz_xSetClipRectanglesReq        12
#define sz_xSetDashesReq        12
#define sz_xSetInputFocusReq    12
#define sz_xSetScreenSaverReq   12
#define sz_xUngrabButtonReq     12
#define sz_xUngrabKeyReq        12
#define X_NoOperation   127
#define X_CirculateWindow       13
#define X_GetGeometry   14
#define X_QueryTree     15
#define X_InternAtom    16
#define sz_xAllocColorPlanesReq 16
#define sz_xAllocColorReq       16
#define sz_xChangeActivePointerGrabReq  16
#define sz_xClearAreaReq        16
#define sz_xCopyGCReq   16
```

```
#define sz_xCreateColormapReq   16
#define sz_xCreateGCReq 16
#define sz_xCreatePixmapReq     16
#define sz_xFillPolyReq 16
#define sz_xGetMotionEventsReq  16
#define sz_xGrabKeyReq  16
#define sz_xGrabKeyboardReq     16
#define sz_xImageText16Req      16
#define sz_xImageText8Req       16
#define sz_xImageTextReq        16
#define sz_xPolyText16Req       16
#define sz_xPolyText8Req        16
#define sz_xPolyTextReq 16
#define sz_xReparentWindowReq   16
#define sz_xSetSelectionOwnerReq        16
#define sz_xStoreNamedColorReq  16
#define sz_xTranslateCoordsReq  16
#define X_GetAtomName   17
#define X_ChangeProperty        18
#define X_DeleteProperty        19
#define X_ChangeWindowAttributes        2
#define sz_xTextElt     2
#define X_GetProperty   20
#define sz_xGetImageReq 20
#define sz_xRecolorCursorReq    20
#define X_ListProperties        21
#define X_SetSelectionOwner     22
#define X_GetSelectionOwner     23
#define X_ConvertSelection      24
#define sz_xChangePropertyReq   24
#define sz_xConvertSelectionReq 24
#define sz_xGetPropertyReq      24
#define sz_xGrabButtonReq       24
#define sz_xGrabPointerReq      24
#define sz_xPropIconSize        24
#define sz_xPutImageReq 24
#define sz_xVisualType  24
#define sz_xWarpPointerReq      24
#define X_SendEvent     25
#define X_GrabPointer   26
#define X_UngrabPointer 27
#define X_GrabButton    28
#define sz_xCopyAreaReq 28
#define X_UngrabButton  29
#define X_GetWindowAttributes   3
#define X_ChangeActivePointerGrab       30
#define X_GrabKeyboard  31
#define X_UngrabKeyboard        32
#define sz_xAllocColorCellsReply        32
#define sz_xAllocColorPlanesReply       32
#define sz_xAllocColorReply     32
#define sz_xAllocNamedColorReply        32
#define sz_xConnSetup   32
#define sz_xCopyPlaneReq        32
#define sz_xCreateCursorReq     32
#define sz_xCreateGlyphCursorReq        32
#define sz_xCreateWindowReq     32
#define sz_xError       32
#define sz_xEvent       32
#define sz_xGenericReply        32
#define sz_xGetAtomNameReply    32
#define sz_xGetFontPathReply    32
#define sz_xGetGeometryReply    32
#define sz_xGetImageReply       32
#define sz_xGetInputFocusReply  32
#define sz_xGetKeyboardMappingReply     32
```

```
#define sz_xGetModifierMappingReply     32
#define sz_xGetMotionEventsReply        32
#define sz_xGetPointerControlReply      32
#define sz_xGetPointerMappingReply      32
#define sz_xGetPropertyReply    32
#define sz_xGetScreenSaverReply 32
#define sz_xGetSelectionOwnerReply      32
#define sz_xGrabKeyboardReply   32
#define sz_xGrabPointerReply    32
#define sz_xInternAtomReply     32
#define sz_xKeymapEvent 32
#define sz_xListExtensionsReply 32
#define sz_xListFontsReply      32
#define sz_xListHostsReply      32
#define sz_xListInstalledColormapsReply 32
#define sz_xListPropertiesReply 32
#define sz_xLookupColorReply    32
#define sz_xQueryBestSizeReply  32
#define sz_xQueryColorsReply    32
#define sz_xQueryExtensionReply 32
#define sz_xQueryPointerReply   32
#define sz_xQueryTextExtentsReply       32
#define sz_xQueryTreeReply      32
#define sz_xReply       32
#define sz_xSetMappingReply     32
#define sz_xSetModifierMappingReply     32
#define sz_xSetPointerMappingReply      32
#define sz_xTranslateCoordsReply        32
#define X_GrabKey       33
#define X_UngrabKey     34
#define X_AllowEvents   35
#define X_GrabServer    36
#define X_UngrabServer  37
#define X_QueryPointer  38
#define X_GetMotionEvents       39
#define X_DestroyWindow 4
#define sz_xBellReq     4
#define sz_xChangeModeReq       4
#define sz_xForceScreenSaverReq 4
#define sz_xHostEntry   4
#define sz_xListHostsReq        4
#define sz_xPoint       4
#define sz_xReq 4
#define sz_xSetAccessControlReq 4
#define sz_xSetCloseDownModeReq 4
#define sz_xSetModifierMappingReq       4
#define sz_xSetPointerMappingReq        4
#define X_TranslateCoords       40
#define sz_xQueryKeymapReply    40
#define sz_xWindowRoot  40
#define X_WarpPointer   41
#define X_SetInputFocus 42
#define X_GetInputFocus 43
#define X_QueryKeymap   44
#define sz_xGetWindowAttributesReply    44
#define sz_xSendEventReq        44
#define X_OpenFont      45
#define X_CloseFont     46
#define X_QueryFont     47
#define X_QueryTextExtents      48
#define X_ListFonts     49
#define X_DestroySubwindows     5
#define X_ListFontsWithInfo     50
#define X_SetFontPath   51
#define X_GetFontPath   52
#define sz_xGetKeyboardControlReply     52
```

```
#define X_CreatePixmap  53
#define X_FreePixmap    54
#define X_CreateGC      55
#define X_ChangeGC      56
#define X_CopyGC        57
#define X_SetDashes     58
#define X_SetClipRectangles     59
#define X_ChangeSaveSet 6
#define X_FreeGC        60
#define sz_xListFontsWithInfoReply      60
#define sz_xQueryFontReply      60
#define X_TCP_PORT      6000
#define X_ClearArea     61
#define X_CopyArea      62
#define X_CopyPlane     63
#define X_PolyPoint     64
#define X_PolyLine      65
#define X_PolySegment   66
#define X_PolyRectangle 67
#define X_PolyArc       68
#define X_FillPoly      69
#define X_ReparentWindow        7
#define X_PolyFillRectangle     70
#define X_PolyFillArc   71
#define X_PutImage      72
#define X_GetImage      73
#define X_PolyText8     74
#define X_PolyText16    75
#define X_ImageText8    76
#define X_ImageText16   77
#define X_CreateColormap        78
#define X_FreeColormap  79
#define X_MapWindow     8
#define sz_xAllowEventsReq      8
#define sz_xChangeHostsReq      8
#define sz_xChangeKeyboardControlReq    8
#define sz_xChangeKeyboardMappingReq    8
#define sz_xChangeSaveSetReq    8
#define sz_xCirculateWindowReq  8
#define sz_xConnSetupPrefix     8
#define sz_xDepth       8
#define sz_xFontProp    8
#define sz_xGetKeyboardMappingReq       8
#define sz_xInternAtomReq       8
#define sz_xListFontsReq        8
#define sz_xListFontsWithInfoReq        8
#define sz_xPixmapFormat        8
#define sz_xQueryColorsReq      8
#define sz_xQueryExtensionReq   8
#define sz_xQueryTextExtentsReq 8
#define sz_xRectangle   8
#define sz_xResourceReq 8
#define sz_xSegment     8
#define sz_xSetFontPathReq      8
#define sz_xStoreColorsReq      8
#define sz_xTimecoord   8
#define sz_xrgb 8
#define X_CopyColormapAndFree   80
#define X_InstallColormap       81
#define X_UninstallColormap     82
#define X_ListInstalledColormaps        83
#define X_AllocColor    84
#define X_AllocNamedColor       85
#define X_AllocColorCells       86
#define X_AllocColorPlanes      87
#define X_FreeColors    88
```

```
#define X_StoreColors   89
#define X_MapSubwindows 9
#define X_StoreNamedColor       90
#define X_QueryColors   91
#define X_LookupColor   92
#define X_CreateCursor  93
#define X_CreateGlyphCursor     94
#define X_FreeCursor    95
#define X_RecolorCursor 96
#define X_QueryBestSize 97
#define X_QueryExtension        98
#define X_ListExtensions        99

typedef struct _xEvent {
    union {
        struct {
            BYTE type;
            BYTE detail;
            CARD16 sequenceNumber;
        } u;
        struct {
            CARD32 pad00;
            CARD32 time;
            CARD32 root;
            CARD32 event;
            CARD32 child;
            INT16 rootX;
            INT16 rootY;
            INT16 eventX;
            INT16 eventY;
            KeyButMask state;
            BOOL sameScreen;
            BYTE pad1;
        } keyButtonPointer;
        struct {
            CARD32 pad00;
            CARD32 time;
            CARD32 root;
            CARD32 event;
            CARD32 child;
            INT16 rootX;
            INT16 rootY;
            INT16 eventX;
            INT16 eventY;
            KeyButMask state;
            BYTE mode;
            BYTE flags;
        } enterLeave;
        struct {
            CARD32 pad00;
            CARD32 window;
            BYTE mode;
            BYTE pad1;
            BYTE pad2;
            BYTE pad3;
        } focus;
        struct {
            CARD32 pad00;
            CARD32 window;
            CARD16 x;
            CARD16 y;
            CARD16 width;
            CARD16 height;
            CARD16 count;
            CARD16 pad2;
        } expose;
```

```
struct {
    CARD32 pad00;
    CARD32 drawable;
    CARD16 x;
    CARD16 y;
    CARD16 width;
    CARD16 height;
    CARD16 minorEvent;
    CARD16 count;
    BYTE majorEvent;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} graphicsExposure;
struct {
    CARD32 pad00;
    CARD32 drawable;
    CARD16 minorEvent;
    BYTE majorEvent;
    BYTE bpad;
} noExposure;
struct {
    CARD32 pad00;
    CARD32 window;
    CARD8 state;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} visibility;
struct {
    CARD32 pad00;
    CARD32 parent;
    CARD32 window;
    INT16 x;
    INT16 y;
    CARD16 width;
    CARD16 height;
    CARD16 borderWidth;
    BOOL override;
    BYTE bpad;
} createNotify;
struct {
    CARD32 pad00;
    CARD32 event;
    CARD32 window;
} destroyNotify;
struct {
    CARD32 pad00;
    CARD32 event;
    CARD32 window;
    BOOL fromConfigure;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} unmapNotify;
struct {
    CARD32 pad00;
    CARD32 event;
    CARD32 window;
    BOOL override;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} mapNotify;
struct {
    CARD32 pad00;
```

```
    CARD32 parent;
    CARD32 window;
} mapRequest;
struct {
    CARD32 pad00;
    CARD32 event;
    CARD32 window;
    CARD32 parent;
    INT16 x;
    INT16 y;
    BOOL override;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} reparent;
struct {
    CARD32 pad00;
    CARD32 event;
    CARD32 window;
    CARD32 aboveSibling;
    INT16 x;
    INT16 y;
    CARD16 width;
    CARD16 height;
    CARD16 borderWidth;
    BOOL override;
    BYTE bpad;
} configureNotify;
struct {
    CARD32 pad00;
    CARD32 parent;
    CARD32 window;
    CARD32 sibling;
    INT16 x;
    INT16 y;
    CARD16 width;
    CARD16 height;
    CARD16 borderWidth;
    CARD16 valueMask;
    CARD32 pad1;
} configureRequest;
struct {
    CARD32 pad00;
    CARD32 event;
    CARD32 window;
    INT16 x;
    INT16 y;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
} gravity;
struct {
    CARD32 pad00;
    CARD32 window;
    CARD16 width;
    CARD16 height;
} resizeRequest;
struct {
    CARD32 pad00;
    CARD32 event;
    CARD32 window;
    CARD32 parent;
    BYTE place;
    BYTE pad1;
    BYTE pad2;
```

```
            BYTE pad3;
        } circulate;
        struct {
            CARD32 pad00;
            CARD32 window;
            CARD32 atom;
            CARD32 time;
            BYTE state;
            BYTE pad1;
            CARD16 pad2;
        } property;
        struct {
            CARD32 pad00;
            CARD32 time;
            CARD32 window;
            CARD32 atom;
        } selectionClear;
        struct {
            CARD32 pad00;
            CARD32 time;
            CARD32 owner;
            CARD32 requestor;
            CARD32 selection;
            CARD32 target;
            CARD32 property;
        } selectionRequest;
        struct {
            CARD32 pad00;
            CARD32 time;
            CARD32 requestor;
            CARD32 selection;
            CARD32 target;
            CARD32 property;
        } selectionNotify;
        struct {
            CARD32 pad00;
            CARD32 window;
            CARD32 colormap;
#if defined(__cplusplus) || defined(c_plusplus)
            BOOL c_new;
#else
            BOOL new;
#endif
            BYTE state;
            BYTE pad1;
            BYTE pad2;
        } colormap;
        struct {
            CARD32 pad00;
            CARD8 request;
            CARD8 firstKeyCode;
            CARD8 count;
            BYTE pad1;
        } mappingNotify;
        struct {
            CARD32 pad00;
            CARD32 window;
            union {
                struct {
                    CARD32 type;
                    INT32 longs0;
                    INT32 longs1;
                    INT32 longs2;
                    INT32 longs3;
                    INT32 longs4;
                } l;
```

```
                struct {
                    CARD32 type;
                    INT16 shorts0;
                    INT16 shorts1;
                    INT16 shorts2;
                    INT16 shorts3;
                    INT16 shorts4;
                    INT16 shorts5;
                    INT16 shorts6;
                    INT16 shorts7;
                    INT16 shorts8;
                    INT16 shorts9;
                } s;
                struct {
                    CARD32 type;
                    INT8 bytes[20];
                } b;
            } u;
        } clientMessage;
    } u;
} xEvent;
typedef struct {
    BYTE type;
    BYTE errorCode;
    CARD16 sequenceNumber;
    CARD32 resourceID;
    CARD16 minorCode;
    CARD8 majorCode;
    BYTE pad1;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xError;
typedef CARD16 KeyButMask;
typedef struct {
    CARD8 byteOrder;
    BYTE pad;
    CARD16 majorVersion;
    CARD16 minorVersion;
    CARD16 nbytesAuthProto;
    CARD16 nbytesAuthString;
    CARD16 pad2;
} xConnClientPrefix;
typedef struct {
    CARD8 success;
    BYTE lengthReason;
    CARD16 majorVersion;
    CARD16 minorVersion;
    CARD16 length;
} xConnSetupPrefix;
typedef struct {
    CARD32 release;
    CARD32 ridBase;
    CARD32 ridMask;
    CARD32 motionBufferSize;
    CARD16 nbytesVendor;
    CARD16 maxRequestSize;
    CARD8 numRoots;
    CARD8 numFormats;
    CARD8 imageByteOrder;
    CARD8 bitmapBitOrder;
    CARD8 bitmapScanlineUnit;
    CARD8 bitmapScanlinePad;
    CARD8 minKeyCode;
```

```
    CARD8 maxKeyCode;
    CARD32 pad2;
} xConnSetup;
typedef struct {
    CARD8 depth;
    CARD8 bitsPerPixel;
    CARD8 scanLinePad;
    CARD8 pad1;
    CARD32 pad2;
} xPixmapFormat;
typedef struct {
    CARD8 depth;
    CARD8 pad1;
    CARD16 nVisuals;
    CARD32 pad2;
} xDepth;
typedef struct {
    CARD32 visualID;
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 bitsPerRGB;
    CARD16 colormapEntries;
    CARD32 redMask;
    CARD32 greenMask;
    CARD32 blueMask;
    CARD32 pad;
} xVisualType;
typedef struct {
    CARD32 windowId;
    CARD32 defaultColormap;
    CARD32 whitePixel;
    CARD32 blackPixel;
    CARD32 currentInputMask;
    CARD16 pixWidth;
    CARD16 pixHeight;
    CARD16 mmWidth;
    CARD16 mmHeight;
    CARD16 minInstalledMaps;
    CARD16 maxInstalledMaps;
    CARD32 rootVisualID;
    CARD8 backingStore;
    BOOL saveUnders;
    CARD8 rootDepth;
    CARD8 nDepths;
} xWindowRoot;
typedef struct {
    CARD32 time;
    INT16 x;
    INT16 y;
} xTimecoord;
typedef struct {
    CARD8 family;
    BYTE pad;
    CARD16 length;
} xHostEntry;
typedef struct {
    INT16 leftSideBearing;
    INT16 rightSideBearing;
    INT16 characterWidth;
    INT16 ascent;
    INT16 descent;
    CARD16 attributes;
} xCharInfo;
```

```
typedef struct {
    CARD32 name;
    CARD32 value;
} xFontProp;
typedef struct {
    CARD8 len;
    INT8 delta;
} xTextElt;
typedef struct {
    CARD32 pixel;
    CARD16 red;
    CARD16 green;
    CARD16 blue;
    CARD8 flags;
    CARD8 pad;
} xColorItem;
typedef struct {
    CARD16 red;
    CARD16 green;
    CARD16 blue;
    CARD16 pad;
} xrgb;
typedef unsigned char KEYCODE;
typedef struct {
    BYTE type;
    BYTE data1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 data00;
    CARD32 data01;
    CARD32 data02;
    CARD32 data03;
    CARD32 data04;
    CARD32 data05;
} xGenericReply;
typedef struct {
    BYTE type;
    CARD8 backingStore;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 visualID;
#if defined(__cplusplus) || defined(c_plusplus)
    CARD16 c_class;
#else
    CARD16 class;
#endif
    CARD8 bitGravity;
    CARD8 winGravity;
    CARD32 backingBitPlanes;
    CARD32 backingPixel;
    BOOL saveUnder;
    BOOL mapInstalled;
    CARD8 mapState;
    BOOL override;
    CARD32 colormap;
    CARD32 allEventMasks;
    CARD32 yourEventMask;
    CARD16 doNotPropagateMask;
    CARD16 pad;
} xGetWindowAttributesReply;
typedef struct {
    BYTE type;
    CARD8 depth;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 root;
```

```
    INT16 x;
    INT16 y;
    CARD16 width;
    CARD16 height;
    CARD16 borderWidth;
    CARD16 pad1;
    CARD32 pad2;
    CARD32 pad3;
} xGetGeometryReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 root;
    CARD32 parent;
    CARD16 nChildren;
    CARD16 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xQueryTreeReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 atom;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xInternAtomReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 nameLength;
    CARD16 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xGetAtomNameReply;
typedef struct {
    BYTE type;
    CARD8 format;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 propertyType;
    CARD32 bytesAfter;
    CARD32 nItems;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
} xGetPropertyReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 nProperties;
    CARD16 pad2;
```

```
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xListPropertiesReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 owner;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xGetSelectionOwnerReply;
typedef struct {
    BYTE type;
    BYTE status;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xGrabPointerReply;
typedef xGrabPointerReply xGrabKeyboardReply;
typedef struct {
    BYTE type;
    BOOL sameScreen;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 root;
    CARD32 child;
    INT16 rootX;
    INT16 rootY;
    INT16 winX;
    INT16 winY;
    CARD16 mask;
    CARD16 pad1;
    CARD32 pad;
} xQueryPointerReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 nEvents;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xGetMotionEventsReply;
typedef struct {
    BYTE type;
    BOOL sameScreen;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 child;
    INT16 dstX;
    INT16 dstY;
```

```
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xTranslateCoordsReply;
typedef struct {
    BYTE type;
    CARD8 revertTo;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 focus;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xGetInputFocusReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    BYTE map[32];
} xQueryKeymapReply;
typedef struct _xQueryFontReply {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    xCharInfo minBounds;
    CARD32 walign1;
    xCharInfo maxBounds;
    CARD32 walign2;
    CARD16 minCharOrByte2;
    CARD16 maxCharOrByte2;
    CARD16 defaultChar;
    CARD16 nFontProps;
    CARD8 drawDirection;
    CARD8 minByte1;
    CARD8 maxByte1;
    BOOL allCharsExist;
    INT16 fontAscent;
    INT16 fontDescent;
    CARD32 nCharInfos;
} xQueryFontReply;
typedef struct {
    BYTE type;
    CARD8 drawDirection;
    CARD16 sequenceNumber;
    CARD32 length;
    INT16 fontAscent;
    INT16 fontDescent;
    INT16 overallAscent;
    INT16 overallDescent;
    INT32 overallWidth;
    INT32 overallLeft;
    INT32 overallRight;
    CARD32 pad;
} xQueryTextExtentsReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 nFonts;
    CARD16 pad2;
```

```
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xListFontsReply;
typedef struct {
    BYTE type;
    CARD8 nameLength;
    CARD16 sequenceNumber;
    CARD32 length;
    xCharInfo minBounds;
    CARD32 walign1;
    xCharInfo maxBounds;
    CARD32 walign2;
    CARD16 minCharOrByte2;
    CARD16 maxCharOrByte2;
    CARD16 defaultChar;
    CARD16 nFontProps;
    CARD8 drawDirection;
    CARD8 minByte1;
    CARD8 maxByte1;
    BOOL allCharsExist;
    INT16 fontAscent;
    INT16 fontDescent;
    CARD32 nReplies;
} xListFontsWithInfoReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 nPaths;
    CARD16 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xGetFontPathReply;
typedef struct {
    BYTE type;
    CARD8 depth;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 visual;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xGetImageReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 nColormaps;
    CARD16 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xListInstalledColormapsReply;
typedef struct {
```

```
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 red;
    CARD16 green;
    CARD16 blue;
    CARD16 pad2;
    CARD32 pixel;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xAllocColorReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 pixel;
    CARD16 exactRed;
    CARD16 exactGreen;
    CARD16 exactBlue;
    CARD16 screenRed;
    CARD16 screenGreen;
    CARD16 screenBlue;
    CARD32 pad2;
    CARD32 pad3;
} xAllocNamedColorReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 nPixels;
    CARD16 nMasks;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xAllocColorCellsReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 nPixels;
    CARD16 pad2;
    CARD32 redMask;
    CARD32 greenMask;
    CARD32 blueMask;
    CARD32 pad3;
    CARD32 pad4;
} xAllocColorPlanesReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 nColors;
    CARD16 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
```

```
} xQueryColorsReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 exactRed;
    CARD16 exactGreen;
    CARD16 exactBlue;
    CARD16 screenRed;
    CARD16 screenGreen;
    CARD16 screenBlue;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xLookupColorReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 width;
    CARD16 height;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xQueryBestSizeReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    BOOL present;
    CARD8 major_opcode;
    CARD8 first_event;
    CARD8 first_error;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xQueryExtensionReply;
typedef struct {
    BYTE type;
    CARD8 nExtensions;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xListExtensionsReply;
typedef struct {
    BYTE type;
    CARD8 success;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
```

```
    CARD32 pad7;
} xSetMappingReply;
typedef xSetMappingReply xSetPointerMappingReply;
typedef xSetMappingReply xSetModifierMappingReply;
typedef struct {
    BYTE type;
    CARD8 nElts;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xGetPointerMappingReply;
typedef struct {
    BYTE type;
    CARD8 keySymsPerKeyCode;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xGetKeyboardMappingReply;
typedef struct {
    BYTE type;
    CARD8 numKeyPerModifier;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xGetModifierMappingReply;
typedef struct {
    BYTE type;
    BOOL globalAutoRepeat;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 ledMask;
    CARD8 keyClickPercent;
    CARD8 bellPercent;
    CARD16 bellPitch;
    CARD16 bellDuration;
    CARD16 pad;
    BYTE map[32];
} xGetKeyboardControlReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 accelNumerator;
    CARD16 accelDenominator;
    CARD16 threshold;
    CARD16 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
```

```
} xGetPointerControlReply;
typedef struct {
    BYTE type;
    BYTE pad1;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 timeout;
    CARD16 interval;
    BOOL preferBlanking;
    BOOL allowExposures;
    CARD16 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xGetScreenSaverReply;
typedef struct {
    BYTE type;
    BOOL enabled;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 nHosts;
    CARD16 pad1;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xListHostsReply;
typedef struct {
    BYTE type;
    BYTE map[31];
} xKeymapEvent;
typedef struct _xReq {
    CARD8 reqType;
    CARD8 data;
    CARD16 length;
} xReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 id;
} xResourceReq;
typedef struct {
    CARD8 reqType;
    CARD8 depth;
    CARD16 length;
    CARD32 wid;
    CARD32 parent;
    INT16 x;
    INT16 y;
    CARD16 width;
    CARD16 height;
    CARD16 borderWidth;
#if defined(__cplusplus) || defined(c_plusplus)
    CARD16 c_class;
#else
    CARD16 class;
#endif
    CARD32 visual;
    CARD32 mask;
} xCreateWindowReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
```

```
    CARD16 length;
    CARD32 window;
    CARD32 valueMask;
} xChangeWindowAttributesReq;
typedef struct {
    CARD8 reqType;
    BYTE mode;
    CARD16 length;
    CARD32 window;
} xChangeSaveSetReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 window;
    CARD32 parent;
    INT16 x;
    INT16 y;
} xReparentWindowReq;
typedef struct {
    CARD8 reqType;
    CARD8 pad;
    CARD16 length;
    CARD32 window;
    CARD16 mask;
    CARD16 pad2;
} xConfigureWindowReq;
typedef struct {
    CARD8 reqType;
    CARD8 direction;
    CARD16 length;
    CARD32 window;
} xCirculateWindowReq;
typedef struct {
    CARD8 reqType;
    BOOL onlyIfExists;
    CARD16 length;
    CARD16 nbytes;
    CARD16 pad;
} xInternAtomReq;
typedef struct {
    CARD8 reqType;
    CARD8 mode;
    CARD16 length;
    CARD32 window;
    CARD32 property;
    CARD32 type;
    CARD8 format;
    BYTE pad[3];
    CARD32 nUnits;
} xChangePropertyReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 window;
    CARD32 property;
} xDeletePropertyReq;
typedef struct {
    CARD8 reqType;
#if defined(__cplusplus) || defined(c_plusplus)
    BOOL c_delete;
#else
    BOOL delete;
#endif
    CARD16 length;
```

```
    CARD32 window;
    CARD32 property;
    CARD32 type;
    CARD32 longOffset;
    CARD32 longLength;
} xGetPropertyReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 window;
    CARD32 selection;
    CARD32 time;
} xSetSelectionOwnerReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 requestor;
    CARD32 selection;
    CARD32 target;
    CARD32 property;
    CARD32 time;
} xConvertSelectionReq;
typedef struct {
    CARD8 reqType;
    BOOL ownerEvents;
    CARD16 length;
    CARD32 grabWindow;
    CARD16 eventMask;
    BYTE pointerMode;
    BYTE keyboardMode;
    CARD32 confineTo;
    CARD32 cursor;
    CARD32 time;
} xGrabPointerReq;
typedef struct {
    CARD8 reqType;
    BOOL ownerEvents;
    CARD16 length;
    CARD32 grabWindow;
    CARD16 eventMask;
    BYTE pointerMode;
    BYTE keyboardMode;
    CARD32 confineTo;
    CARD32 cursor;
    CARD8 button;
    BYTE pad;
    CARD16 modifiers;
} xGrabButtonReq;
typedef struct {
    CARD8 reqType;
    CARD8 button;
    CARD16 length;
    CARD32 grabWindow;
    CARD16 modifiers;
    CARD16 pad;
} xUngrabButtonReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 cursor;
    CARD32 time;
    CARD16 eventMask;
    CARD16 pad2;
```

```
} xChangeActivePointerGrabReq;
typedef struct {
    CARD8 reqType;
    BOOL ownerEvents;
    CARD16 length;
    CARD32 grabWindow;
    CARD32 time;
    BYTE pointerMode;
    BYTE keyboardMode;
    CARD16 pad;
} xGrabKeyboardReq;
typedef struct {
    CARD8 reqType;
    BOOL ownerEvents;
    CARD16 length;
    CARD32 grabWindow;
    CARD16 modifiers;
    CARD8 key;
    BYTE pointerMode;
    BYTE keyboardMode;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xGrabKeyReq;
typedef struct {
    CARD8 reqType;
    CARD8 key;
    CARD16 length;
    CARD32 grabWindow;
    CARD16 modifiers;
    CARD16 pad;
} xUngrabKeyReq;
typedef struct {
    CARD8 reqType;
    CARD8 mode;
    CARD16 length;
    CARD32 time;
} xAllowEventsReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 window;
    CARD32 start;
    CARD32 stop;
} xGetMotionEventsReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 srcWid;
    CARD32 dstWid;
    INT16 srcX;
    INT16 srcY;
} xTranslateCoordsReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 srcWid;
    CARD32 dstWid;
    INT16 srcX;
    INT16 srcY;
    CARD16 srcWidth;
    CARD16 srcHeight;
    INT16 dstX;
```

```
    INT16 dstY;
} xWarpPointerReq;
typedef struct {
    CARD8 reqType;
    CARD8 revertTo;
    CARD16 length;
    CARD32 focus;
    CARD32 time;
} xSetInputFocusReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 fid;
    CARD16 nbytes;
    BYTE pad1;
    BYTE pad2;
} xOpenFontReq;
typedef struct {
    CARD8 reqType;
    BOOL oddLength;
    CARD16 length;
    CARD32 fid;
} xQueryTextExtentsReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD16 maxNames;
    CARD16 nbytes;
} xListFontsReq;
typedef xListFontsReq xListFontsWithInfoReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD16 nFonts;
    BYTE pad1;
    BYTE pad2;
} xSetFontPathReq;
typedef struct {
    CARD8 reqType;
    CARD8 depth;
    CARD16 length;
    CARD32 pid;
    CARD32 drawable;
    CARD16 width;
    CARD16 height;
} xCreatePixmapReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 gc;
    CARD32 drawable;
    CARD32 mask;
} xCreateGCReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 gc;
    CARD32 mask;
} xChangeGCReq;
typedef struct {
    CARD8 reqType;
```

```
    BYTE pad;
    CARD16 length;
    CARD32 srcGC;
    CARD32 dstGC;
    CARD32 mask;
} xCopyGCReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 gc;
    CARD16 dashOffset;
    CARD16 nDashes;
} xSetDashesReq;
typedef struct {
    CARD8 reqType;
    BYTE ordering;
    CARD16 length;
    CARD32 gc;
    INT16 xOrigin;
    INT16 yOrigin;
} xSetClipRectanglesReq;
typedef struct {
    CARD8 reqType;
    BOOL exposures;
    CARD16 length;
    CARD32 window;
    INT16 x;
    INT16 y;
    CARD16 width;
    CARD16 height;
} xClearAreaReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 srcDrawable;
    CARD32 dstDrawable;
    CARD32 gc;
    INT16 srcX;
    INT16 srcY;
    INT16 dstX;
    INT16 dstY;
    CARD16 width;
    CARD16 height;
} xCopyAreaReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 srcDrawable;
    CARD32 dstDrawable;
    CARD32 gc;
    INT16 srcX;
    INT16 srcY;
    INT16 dstX;
    INT16 dstY;
    CARD16 width;
    CARD16 height;
    CARD32 bitPlane;
} xCopyPlaneReq;
typedef struct {
    CARD8 reqType;
    BYTE coordMode;
    CARD16 length;
    CARD32 drawable;
```

```
    CARD32 gc;
} xPolyPointReq;
typedef xPolyPointReq xPolyLineReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 drawable;
    CARD32 gc;
} xPolySegmentReq;
typedef xPolySegmentReq xPolyArcReq;
typedef xPolySegmentReq xPolyRectangleReq;
typedef xPolySegmentReq xPolyFillRectangleReq;
typedef xPolySegmentReq xPolyFillArcReq;
typedef struct _FillPolyReq {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 drawable;
    CARD32 gc;
    BYTE shape;
    BYTE coordMode;
    CARD16 pad1;
} xFillPolyReq;
typedef struct _PutImageReq {
    CARD8 reqType;
    CARD8 format;
    CARD16 length;
    CARD32 drawable;
    CARD32 gc;
    CARD16 width;
    CARD16 height;
    INT16 dstX;
    INT16 dstY;
    CARD8 leftPad;
    CARD8 depth;
    CARD16 pad;
} xPutImageReq;
typedef struct {
    CARD8 reqType;
    CARD8 format;
    CARD16 length;
    CARD32 drawable;
    INT16 x;
    INT16 y;
    CARD16 width;
    CARD16 height;
    CARD32 planeMask;
} xGetImageReq;
typedef struct {
    CARD8 reqType;
    CARD8 pad;
    CARD16 length;
    CARD32 drawable;
    CARD32 gc;
    INT16 x;
    INT16 y;
} xPolyTextReq;
typedef xPolyTextReq xPolyText8Req;
typedef xPolyTextReq xPolyText16Req;
typedef struct {
    CARD8 reqType;
    BYTE nChars;
    CARD16 length;
    CARD32 drawable;
    CARD32 gc;
```

```
    INT16 x;
    INT16 y;
} xImageTextReq;
typedef xImageTextReq xImageText8Req;
typedef xImageTextReq xImageText16Req;
typedef struct {
    CARD8 reqType;
    BYTE alloc;
    CARD16 length;
    CARD32 mid;
    CARD32 window;
    CARD32 visual;
} xCreateColormapReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 mid;
    CARD32 srcCmap;
} xCopyColormapAndFreeReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 cmap;
    CARD16 red;
    CARD16 green;
    CARD16 blue;
    CARD16 pad2;
} xAllocColorReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 cmap;
    CARD16 nbytes;
    BYTE pad1;
    BYTE pad2;
} xAllocNamedColorReq;
typedef struct {
    CARD8 reqType;
    BOOL contiguous;
    CARD16 length;
    CARD32 cmap;
    CARD16 colors;
    CARD16 planes;
} xAllocColorCellsReq;
typedef struct {
    CARD8 reqType;
    BOOL contiguous;
    CARD16 length;
    CARD32 cmap;
    CARD16 colors;
    CARD16 red;
    CARD16 green;
    CARD16 blue;
} xAllocColorPlanesReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 cmap;
    CARD32 planeMask;
} xFreeColorsReq;
typedef struct {
    CARD8 reqType;
```

```
    BYTE pad;
    CARD16 length;
    CARD32 cmap;
} xStoreColorsReq;
typedef struct {
    CARD8 reqType;
    CARD8 flags;
    CARD16 length;
    CARD32 cmap;
    CARD32 pixel;
    CARD16 nbytes;
    BYTE pad1;
    BYTE pad2;
} xStoreNamedColorReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 cmap;
} xQueryColorsReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 cmap;
    CARD16 nbytes;
    BYTE pad1;
    BYTE pad2;
} xLookupColorReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 cid;
    CARD32 source;
    CARD32 mask;
    CARD16 foreRed;
    CARD16 foreGreen;
    CARD16 foreBlue;
    CARD16 backRed;
    CARD16 backGreen;
    CARD16 backBlue;
    CARD16 x;
    CARD16 y;
} xCreateCursorReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 cid;
    CARD32 source;
    CARD32 mask;
    CARD16 sourceChar;
    CARD16 maskChar;
    CARD16 foreRed;
    CARD16 foreGreen;
    CARD16 foreBlue;
    CARD16 backRed;
    CARD16 backGreen;
    CARD16 backBlue;
} xCreateGlyphCursorReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 cursor;
```

```
    CARD16 foreRed;
    CARD16 foreGreen;
    CARD16 foreBlue;
    CARD16 backRed;
    CARD16 backGreen;
    CARD16 backBlue;
} xRecolorCursorReq;
typedef struct {
    CARD8 reqType;
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD16 length;
    CARD32 drawable;
    CARD16 width;
    CARD16 height;
} xQueryBestSizeReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD16 nbytes;
    BYTE pad1;
    BYTE pad2;
} xQueryExtensionReq;
typedef struct {
    CARD8 reqType;
    CARD8 numKeyPerModifier;
    CARD16 length;
} xSetModifierMappingReq;
typedef struct {
    CARD8 reqType;
    CARD8 nElts;
    CARD16 length;
} xSetPointerMappingReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD8 firstKeyCode;
    CARD8 count;
    CARD16 pad1;
} xGetKeyboardMappingReq;
typedef struct {
    CARD8 reqType;
    CARD8 keyCodes;
    CARD16 length;
    CARD8 firstKeyCode;
    CARD8 keySymsPerKeyCode;
    CARD16 pad1;
} xChangeKeyboardMappingReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 mask;
} xChangeKeyboardControlReq;
typedef struct {
    CARD8 reqType;
    INT8 percent;
    CARD16 length;
} xBellReq;
typedef struct {
    CARD8 reqType;
```

```
    BYTE pad;
    CARD16 length;
    INT16 accelNum;
    INT16 accelDenum;
    INT16 threshold;
    BOOL doAccel;
    BOOL doThresh;
} xChangePointerControlReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    INT16 timeout;
    INT16 interval;
    BYTE preferBlank;
    BYTE allowExpose;
    CARD16 pad2;
} xSetScreenSaverReq;
typedef struct {
    CARD8 reqType;
    BYTE mode;
    CARD16 length;
    CARD8 hostFamily;
    BYTE pad;
    CARD16 hostLength;
} xChangeHostsReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
} xListHostsReq;
typedef struct {
    CARD8 reqType;
    BYTE mode;
    CARD16 length;
} xChangeModeReq;
typedef xChangeModeReq xSetAccessControlReq;
typedef xChangeModeReq xSetCloseDownModeReq;
typedef xChangeModeReq xForceScreenSaverReq;
typedef struct {
    CARD8 reqType;
    BYTE pad;
    CARD16 length;
    CARD32 window;
    CARD16 nAtoms;
    INT16 nPositions;
} xRotatePropertiesReq;

typedef union {
    xGenericReply generic;
    xGetGeometryReply geom;
    xQueryTreeReply tree;
    xInternAtomReply atom;
    xGetAtomNameReply atomName;
    xGetPropertyReply property;
    xListPropertiesReply listProperties;
    xGetSelectionOwnerReply selection;
    xGrabPointerReply grabPointer;
    xGrabKeyboardReply grabKeyboard;
    xQueryPointerReply pointer;
    xGetMotionEventsReply motionEvents;
    xTranslateCoordsReply coords;
    xGetInputFocusReply inputFocus;
    xQueryTextExtentsReply textExtents;
    xListFontsReply fonts;
    xGetFontPathReply fontPath;
```

```
    xGetImageReply image;
    xListInstalledColormapsReply colormaps;
    xAllocColorReply allocColor;
    xAllocNamedColorReply allocNamedColor;
    xAllocColorCellsReply colorCells;
    xAllocColorPlanesReply colorPlanes;
    xQueryColorsReply colors;
    xLookupColorReply lookupColor;
    xQueryBestSizeReply bestSize;
    xQueryExtensionReply extension;
    xListExtensionsReply extensions;
    xSetModifierMappingReply setModifierMapping;
    xGetModifierMappingReply getModifierMapping;
    xSetPointerMappingReply setPointerMapping;
    xGetKeyboardMappingReply getKeyboardMapping;
    xGetPointerMappingReply getPointerMapping;
    xGetPointerControlReply pointerControl;
    xGetScreenSaverReply screenSaver;
    xListHostsReply hosts;
    xError error;
    xEvent event;
} xReply;
typedef struct {
    CARD8 reqType;
    BOOL propagate;
    CARD16 length;
    CARD32 destination;
    CARD32 eventMask;
    xEvent event;
} xSendEventReq;
```

6.2.12 X11/Xprotostr.h

```
typedef struct _xSegment {
    INT16 x1;
    INT16 y1;
    INT16 x2;
    INT16 y2;
} xSegment;
typedef struct _xPoint {
    INT16 x;
    INT16 y;
} xPoint;
typedef struct _xRectangle {
    INT16 x;
    INT16 y;
    CARD16 width;
    CARD16 height;
} xRectangle;
typedef struct _xArc {
    INT16 x;
    INT16 y;
    CARD16 width;
    CARD16 height;
    INT16 angle1;
    INT16 angle2;
} xArc;
```

6.2.13 X11/Xresource.h

```
#define NULLQUARK       ((XrmQuark) 0)

typedef int XrmQuark;
```

```
typedef int *XrmQuarkList;
typedef char *XrmString;
typedef enum {
    XrmBindTightly,
    XrmBindLoosely
} XrmBinding, *XrmBindingList;
typedef enum {
    XrmBindTightly,
    XrmBindLoosely
} *XrmBindingList;
typedef XrmQuark XrmName;
typedef XrmQuarkList XrmNameList;
typedef XrmQuark XrmClass;
typedef XrmQuarkList XrmClassList;
typedef XrmQuark XrmRepresentation;
typedef struct {
    unsigned int size;
    XPointer addr;
} XrmValue;
typedef struct {
    unsigned int size;
    XPointer addr;
} *XrmValuePtr;
typedef struct _XrmHashBucketRec *XrmHashBucket;
typedef XrmHashBucket *XrmHashTable;
typedef XrmHashTable XrmSearchList[];
typedef struct _XrmHashBucketRec *XrmDatabase;
typedef enum {
    XrmoptionNoArg,
    XrmoptionIsArg,
    XrmoptionStickyArg,
    XrmoptionSepArg,
    XrmoptionResArg,
    XrmoptionSkipArg,
    XrmoptionSkipLine,
    XrmoptionSkipNArgs
} XrmOptionKind;
typedef struct {
    char *option;
    char *specifier;
    XrmOptionKind argKind;
    XPointer value;
} XrmOptionDescRec;
typedef struct {
    char *option;
    char *specifier;
    XrmOptionKind argKind;
    XPointer value;
} *XrmOptionDescList;
extern void XrmCombineDatabase(XrmDatabase, XrmDatabase *, int);
extern int XrmCombineFileDatabase(const char *, XrmDatabase *,
int);
extern void XrmDestroyDatabase(XrmDatabase);
extern    int    XrmEnumerateDatabase(XrmDatabase,    XrmNameList,
XrmClassList,
                                       int, int (*)(XrmDatabase *,
XrmBindingList,
                                              XrmQuarkList,
                                              XrmRepresentation *,
                                                       XrmValue *,
XPointer),
                                  XPointer);
extern XrmDatabase XrmGetDatabase(Display *);
extern XrmDatabase XrmGetFileDatabase(const char *);
extern int XrmGetResource(XrmDatabase, const char *, const char
*, char **,
```

```
                          XrmValue *);
extern XrmDatabase XrmGetStringDatabase(const char *);
extern const char *XrmLocaleOfDatabase(XrmDatabase);
extern void XrmMergeDatabases(XrmDatabase, XrmDatabase *);
extern  void  XrmParseCommand(XrmDatabase  *,  XrmOptionDescList,
int,
                           const char *, int *, char **);
extern XrmQuark XrmPermStringToQuark(const char *);
extern void XrmPutFileDatabase(XrmDatabase, const char *);
extern void XrmPutLineResource(XrmDatabase *, const char *);
extern  void  XrmPutResource(XrmDatabase  *,  const  char  *,  const
char *,
                          XrmValue *);
extern void XrmPutStringResource(XrmDatabase *, const char *,
                                 const char *);
extern     int     XrmQGetResource(XrmDatabase,     XrmNameList,
XrmClassList,
                          XrmRepresentation *, XrmValue *);
extern     int     XrmQGetSearchList(XrmDatabase,     XrmNameList,
XrmClassList,
                            XrmSearchList, int);
extern    int    XrmQGetSearchResource(XrmSearchList,    XrmName,
XrmClass,
                                      XrmRepresentation *, XrmValue
*);
extern   void   XrmQPutResource(XrmDatabase   *,   XrmBindingList,
XrmQuarkList,
                            XrmRepresentation, XrmValue *);
extern void XrmQPutStringResource(XrmDatabase *, XrmBindingList,
                                  XrmQuarkList, const char *);
extern XrmString XrmQuarkToString(XrmQuark);
extern void XrmSetDatabase(Display *, XrmDatabase);
extern    void    XrmStringToBindingQuarkList(const    char    *,
XrmBindingList,
                                        XrmQuarkList);
extern XrmQuark XrmStringToQuark(const char *);
extern void XrmStringToQuarkList(const char *, XrmQuarkList);
extern XrmQuark XrmUniqueQuark(void);
```

6.2.14 X11/Xutil.h

```
#define   IsModifierKey(keysym)          ((((KeySym)(keysym)   >=
XK_Shift_L)  &&  ((KeySym)(keysym)  <=  XK_Hyper_R))  ||  (((KeySym)
(keysym)    >=    XK_ISO_Lock)    &&    ((KeySym)(keysym)    <=
XK_ISO_Last_Group_Lock))  ||  ((KeySym)(keysym)  ==  XK_Mode_switch)
|| ((KeySym)(keysym) == XK_Num_Lock))
#define  IsPrivateKeypadKey(keysym)         (((KeySym)(keysym)  >=
0x11000000) && ((KeySym)(keysym) <= 0x1100FFFF))
#define   IsKeypadKey(keysym)             (((KeySym)(keysym)   >=
XK_KP_Space) && ((KeySym)(keysym) <= XK_KP_Equal))
#define  IsMiscFunctionKey(keysym)          (((KeySym)(keysym)  >=
XK_Select) && ((KeySym)(keysym) <= XK_Break))
#define       IsFunctionKey(keysym)                     (((KeySym)
(keysym)>=XK_F1)&&((KeySym)(keysym)<=XK_F35))
#define     IsCursorKey(keysym)                         (((KeySym)
(keysym)>=XK_Home)&&((KeySym)(keysym)<XK_Select))
#define  IsPFKey(keysym)  (((KeySym)(keysym)>=XK_KP_F1)&&((KeySym)
(keysym)<=XK_KP_F4))
#define                                    XStringToContext(string)
((XContext)XrmStringToQuark(string))
#define XUniqueContext()        ((XContext)XrmUniqueQuark())
#define ReleaseByFreeingColormap        ((XID)1L)
#define InputHint       (1L<<0)
#define USPosition      (1L<<0)
```

```
#define StateHint       (1L<<1)
#define USSize  (1L<<1)
#define IconPixmapHint  (1L<<2)
#define PPosition       (1L<<2)
#define IconWindowHint  (1L<<3)
#define PSize   (1L<<3)
#define IconPositionHint        (1L<<4)
#define PMinSize        (1L<<4)
#define IconMaskHint    (1L<<5)
#define PMaxSize        (1L<<5)
#define PResizeInc      (1L<<6)
#define WindowGroupHint (1L<<6)
#define PAspect (1L<<7)
#define PBaseSize       (1L<<8)
#define XUrgencyHint    (1L<<8)
#define PWinGravity     (1L<<9)
#define  AllHints             (InputHint|StateHint|IconPixmapHint|
IconWindowHint|IconPositionHint|IconMaskHint|WindowGroupHint)
#define  PAllHints             (PPosition|PSize|PMinSize|PMaxSize|
PResizeInc|PAspect)
#define XNoMemory       -1
#define XLocaleNotSupported     -2
#define XConverterNotFound      -3
#define BitmapSuccess   0
#define DontCareState   0
#define RectangleOut    0
#define WithdrawnState  0
#define XCSUCCESS       0
#define VisualNoMask    0x0
#define NoValue 0x0000
#define XValue  0x0001
#define YValue  0x0002
#define WidthValue      0x0004
#define HeightValue     0x0008
#define AllValues       0x000F
#define XNegative       0x0010
#define YNegative       0x0020
#define VisualIDMask    0x1
#define VisualRedMaskMask       0x10
#define VisualBitsPerRGBMask    0x100
#define VisualAllMask   0x1FF
#define VisualScreenMask        0x2
#define VisualGreenMaskMask     0x20
#define VisualDepthMask 0x4
#define VisualBlueMaskMask      0x40
#define VisualClassMask 0x8
#define VisualColormapSizeMask  0x80
#define BitmapOpenFailed        1
#define NormalState     1
#define RectangleIn     1
#define XCNOMEM 1
#define BitmapFileInvalid       2
#define RectanglePart   2
#define XCNOENT 2
#define ZoomState       2
#define BitmapNoMemory  3
#define IconicState     3
#define InactiveState   4

typedef struct {
    long int flags;
    int x;
    int y;
    int width;
    int height;
    int min_width;
```

```
    int min_height;
    int max_width;
    int max_height;
    int width_inc;
    int height_inc;
    struct {
        int x;
        int y;
    } min_aspect;
    struct {
        int x;
        int y;
    } max_aspect;
    int base_width;
    int base_height;
    int win_gravity;
} XSizeHints;
typedef struct {
    long int flags;
    int input;
    int initial_state;
    Pixmap icon_pixmap;
    Window icon_window;
    int icon_x;
    int icon_y;
    Pixmap icon_mask;
    XID window_group;
} XWMHints;
typedef struct {
    unsigned char *value;
    Atom encoding;
    int format;
    unsigned long int nitems;
} XTextProperty;
typedef struct {
    int min_width;
    int min_height;
    int max_width;
    int max_height;
    int width_inc;
    int height_inc;
} XIconSize;
typedef struct {
    char *res_name;
    char *res_class;
} XClassHint;
typedef struct _XComposeStatus {
    XPointer compose_ptr;
    int chars_matched;
} XComposeStatus;
typedef struct _XRegion *Region;
typedef struct {
    Visual *visual;
    VisualID visualid;
    int screen;
    int depth;
#if defined(__cplusplus) || defined(c_plusplus)
    int c_class;
#else
    int class;
#endif
    unsigned long int red_mask;
    unsigned long int green_mask;
    unsigned long int blue_mask;
    int colormap_size;
    int bits_per_rgb;
```

```
} XVisualInfo;
typedef struct {
    Colormap colormap;
    unsigned long int red_max;
    unsigned long int red_mult;
    unsigned long int green_max;
    unsigned long int green_mult;
    unsigned long int blue_max;
    unsigned long int blue_mult;
    unsigned long int base_pixel;
    VisualID visualid;
    XID killid;
} XStandardColormap;
typedef int XContext;
typedef enum {
    XStringStyle = 0,
    XCompoundTextStyle = 1,
    XTextStyle = 2,
    XStdICCTextStyle = 3,
    XUTF8StringStyle = 4
} XICCEncodingStyle;
extern int XAddPixel(XImage *, long int);
extern XClassHint *XAllocClassHint(void);
extern XIconSize *XAllocIconSize(void);
extern XSizeHints *XAllocSizeHints(void);
extern XStandardColormap *XAllocStandardColormap(void);
extern XWMHints *XAllocWMHints(void);
extern int XClipBox(Region, XRectangle *);
extern void XConvertCase(KeySym, KeySym *, KeySym *);
extern Region XCreateRegion(void);
extern const char *XDefaultString(void);
extern int XDeleteContext(Display *, XID, XContext);
extern int XDestroyImage(XImage *);
extern int XDestroyRegion(Region);
extern int XEmptyRegion(Region);
extern int XEqualRegion(Region, Region);
extern int XFindContext(Display *, XID, XContext, XPointer *);
extern int XGetClassHint(Display *, Window, XClassHint *);
extern int XGetIconSizes(Display *, Window, XIconSize * *, int
*);
extern int XGetNormalHints(Display *, Window, XSizeHints *);
extern unsigned long int XGetPixel(XImage *, int, int);
extern int XGetRGBColormaps(Display *, Window, XStandardColormap
* *,
                            int *, Atom);
extern int XGetSizeHints(Display *, Window, XSizeHints *, Atom);
extern int XGetStandardColormap(Display *, Window,
XStandardColormap *,
                                Atom);
extern int XGetTextProperty(Display *, Window, XTextProperty *,
Atom);
extern XVisualInfo *XGetVisualInfo(Display *, long int,
XVisualInfo *,
                                   int *);
extern int XGetWMClientMachine(Display *, Window, XTextProperty
*);
extern XWMHints *XGetWMHints(Display *, Window);
extern int XGetWMIconName(Display *, Window, XTextProperty *);
extern int XGetWMName(Display *, Window, XTextProperty *);
extern int XGetWMNormalHints(Display *, Window, XSizeHints *,
long int *);
extern int XGetWMSizeHints(Display *, Window, XSizeHints *, long
int *,
                           Atom);
extern int XGetZoomHints(Display *, Window, XSizeHints *);
extern int XIntersectRegion(Region, Region, Region);
```

```
extern int XLookupString(XKeyEvent *, char *, int, KeySym *,
                         XComposeStatus *);
extern int XMatchVisualInfo(Display *, int, int, int, XVisualInfo
*);
extern int XOffsetRegion(Region, int, int);
extern int XPointInRegion(Region, int, int);
extern Region XPolygonRegion(XPoint *, int, int);
extern int XPutPixel(XImage *, int, int, unsigned long int);
extern int XRectInRegion(Region, int, int, unsigned int, unsigned
int);
extern int XSaveContext(Display *, XID, XContext, const char *);
extern int XSetClassHint(Display *, Window, XClassHint *);
extern int XSetIconSizes(Display *, Window, XIconSize *, int);
extern int XSetNormalHints(Display *, Window, XSizeHints *);
extern void XSetRGBColormaps(Display *, Window, XStandardColormap
*, int,
                             Atom);
extern int XSetRegion(Display *, GC, Region);
extern int XSetSizeHints(Display *, Window, XSizeHints *, Atom);
extern    void    XSetStandardColormap(Display    *,    Window,
XStandardColormap *,
                                  Atom);
extern int XSetStandardProperties(Display *, Window, const char
*,
                                  const char *, Pixmap, char **,
int,
                                  XSizeHints *);
extern void XSetTextProperty(Display *, Window, XTextProperty *,
Atom);
extern void XSetWMClientMachine(Display *, Window, XTextProperty
*);
extern int XSetWMHints(Display *, Window, XWMHints *);
extern void XSetWMIconName(Display *, Window, XTextProperty *);
extern void XSetWMName(Display *, Window, XTextProperty *);
extern void XSetWMNormalHints(Display *, Window, XSizeHints *);
extern void XSetWMProperties(Display *, Window, XTextProperty *,
                                  XTextProperty *, char **, int,
XSizeHints *,
                             XWMHints *, XClassHint *);
extern void XSetWMSizeHints(Display *, Window, XSizeHints *,
Atom);
extern int XSetZoomHints(Display *, Window, XSizeHints *);
extern int XShrinkRegion(Region, int, int);
extern int XStringListToTextProperty(char **, int, XTextProperty
*);
extern XImage *XSubImage(XImage *, int, int, unsigned int,
unsigned int);
extern int XSubtractRegion(Region, Region, Region);
extern int XTextPropertyToStringList(XTextProperty *, char ***,
int *);
extern int XUnionRectWithRegion(XRectangle *, Region, Region);
extern int XUnionRegion(Region, Region, Region);
extern int XWMGeometry(Display *, int, const char *, const char
*,
                       unsigned int, XSizeHints *, int *, int *,
int *,
                      int *, int *);
extern int XXorRegion(Region, Region, Region);
extern void XmbSetWMProperties(Display *, Window, const char *,
                                   const char *, char **, int,
XSizeHints *,
                               XWMHints *, XClassHint *);
extern int XmbTextListToTextProperty(Display * display, char
**list,
                                   int count, XICCEncodingStyle
style,
```

```
                                                    XTextProperty *
text_prop_return);
extern int XmbTextPropertyToTextList(Display * display,
                                          const XTextProperty *
text_prop,
                                     char ***list_return,
                                     int *count_return);
extern int Xutf8TextListToTextProperty(Display * display, char
**list,
                                                         int count,
XICCEncodingStyle style,
                                                    XTextProperty *
text_prop_return);
extern int Xutf8TextPropertyToTextList(Display * display,
                                           const XTextProperty *
text_prop,
                                      char ***list_return,
                                      int *count_return);
extern void XwcFreeStringList(wchar_t * *list);
extern int XwcTextListToTextProperty(Display * display, wchar_t *
*list,
                                    int count, XICCEncodingStyle
style,
                                                    XTextProperty *
text_prop_return);
extern int XwcTextPropertyToTextList(Display * display,
                                          const XTextProperty *
text_prop,
                                     wchar_t * **list_return,
                                     int *count_return);
```

6.2.15 X11/extensions/XKB.h

```
#define   XkbSingleXIClass(c)               ((((c)&(~0xff))==0)||
((c)==XkbDfltXIClass))
#define  XkbSingleXIId(c)                   ((((c)&(~0xff))==0)||
((c)==XkbDfltXIId))
#define XkbBuildCoreState(m,g)  ((((g)&0x3)<<13)|((m)&0xff))
#define    XkbIsPtrAction(a)                                  (((a)-
>type>=XkbSA_MovePtr)&&((a)->type<=XkbSA_SetPtrDflt))
#define     XkbIsGroupAction(a)                               (((a)-
>type>=XkbSA_SetGroup)&&((a)->type<=XkbSA_LockGroup))
#define    XkbIsModAction(a)                                  (((a)-
>type>=Xkb_SASetMods)&&((a)->type<=XkbSA_LockMods))
#define XkbExplicitXIClass(c)   (((c)&(~0xff))==0)
#define XkbExplicitXIDevice(c)  (((c)&(~0xff))==0)
#define XkbExplicitXIId(c)      (((c)&(~0xff))==0)
#define   XkbLegalXIBellClass(c)       (((c)==KbdFeedbackClass)||
((c)==BellFeedbackClass)||               ((c)==XkbDfltXIClass)||
((c)==XkbAllXIClasses))
#define   XkbLegalXILedClass(c)        (((c)==KbdFeedbackClass)||
((c)==LedFeedbackClass)||                ((c)==XkbDfltXIClass)||
((c)==XkbAllXIClasses))
#define XkbIsLegalGroup(g)      (((g)>=0)&&((g)<XkbNumKbdGroups))
#define XkbGroupForCoreState(s) (((s)>>13)&0x3)
#define  XkbSA_BreakLatch                   ((1<<XkbSA_NoAction)|
(1<<XkbSA_PtrBtn)|(1<<XkbSA_LockPtrBtn)|    (1<<XkbSA_Terminate)|
(1<<XkbSA_SwitchScreen)|(1<<XkbSA_SetControls)|
(1<<XkbSA_LockControls)|(1<<XkbSA_ActionMessage)|
(1<<XkbSA_RedirectKey)|(1<<XkbSA_DeviceBtn)|
(1<<XkbSA_LockDeviceBtn))
#define XkbSA_ValOp(a)  ((a)&XkbSA_ValOpMask)
#define XkbSA_ValScale(a)       ((a)&XkbSA_ValScaleMask)
#define XkbIsLegalKeycode(k)    ((k)>=XkbMinLegalKeyCode)
```

```
#define XkbShiftLevel(n)        ((n)-1)
#define XkbPerKeyBitArraySize   ((XkbMaxLegalKeyCode+1)/8)
#define XkbSI_NoneOf    (0)
#define XkbSA_IgnoreVal (0x00)
#define XkbWrapIntoRange        (0x00)
#define XkbAllBooleanCtrlsMask  (0x00001FFF)
#define XkbXI_IndicatorsMask    (0x001c)
#define XkbXI_AllDeviceFeaturesMask     (0x001e)
#define XkbXI_AllFeaturesMask   (0x001f)
#define XkbSA_ValScaleMask      (0x07)
#define XkbAX_SKOptionsMask     (0x0C0)
#define XkbExplicitKeyTypesMask (0x0f)
#define XkbSA_SetValMin (0x10)
#define XkbPCF_AllFlagsMask     (0x1F)
#define XkbSA_SetValCenter      (0x20)
#define XkbAllCompatMask        (0x3)
#define XkbSA_SetValMax (0x30)
#define XkbComponentNamesMask   (0x3f)
#define XkbAllNamesMask (0x3fff)
#define XkbAllStateComponentsMask       (0x3fff)
#define XkbClampIntoRange       (0x40)
#define XkbSA_SetValRelative    (0x40)
#define XkbSA_SetValAbsolute    (0x50)
#define XkbAllNewKeyboardEventsMask     (0x7)
#define XkbSA_ValOpMask (0x70)
#define XkbSA_ISOAffectMask     (0x78)
#define XkbAllComponentsMask    (0x7f)
#define XkbSI_OpMask    (0x7f)
#define XkbRedirectIntoRange    (0x80)
#define XkbSI_LevelOneOnly      (0x80)
#define XkbAllExtensionDeviceEventsMask (0x801f)
#define XkbAllAccessXEventsMask (0xf)
#define XkbAllGroupsMask        (0xf)
#define XkbAllRequiredTypes     (0xf)
#define XkbAX_FBOptionsMask     (0xF3F)
#define XkbAllControlsMask      (0xF8001FFF)
#define XkbAllExplicitMask      (0xff)
#define XkbGBN_AllComponentsMask        (0xff)
#define XkbAX_AllOptionsMask    (0xFFF)
#define XkbAllEventsMask        (0xFFF)
#define XkbAllIndicatorsMask    (0xffffffff)
#define XkbAllRadioGroupsMask   (0xffffffff)
#define XkbSI_AnyOfOrNone       (1)
#define XkbShiftLevelMask(n)    (1<<((n)-1))
#define XkbDF_DisableLocks      (1<<0)
#define XkbExplicitKeyType1Mask (1<<0)
#define XkbGroup1Mask   (1<<0)
#define XkbKeyTypesMask (1<<0)
#define XkbKeycodesNameMask     (1<<0)
#define XkbOneLevelMask (1<<0)
#define XkbSI_AutoRepeat        (1<<0)
#define XkbSymInterpMask        (1<<0)
#define XkbExplicitKeyType2Mask (1<<1)
#define XkbGeometryNameMask     (1<<1)
#define XkbGroup2Mask   (1<<1)
#define XkbGroupCompatMask      (1<<1)
#define XkbKeySymsMask  (1<<1)
#define XkbSI_LockingKey        (1<<1)
#define XkbTwoLevelMask (1<<1)
#define XkbKeyAliasesMask       (1<<10)
#define XkbVirtualModNamesMask  (1<<11)
#define XkbGroupNamesMask       (1<<12)
#define XkbRGNamesMask  (1<<13)
#define XkbAlphabeticMask       (1<<2)
#define XkbExplicitKeyType3Mask (1<<2)
#define XkbGroup3Mask   (1<<2)
```

```
#define XkbModifierMapMask      (1<<2)
#define XkbSymbolsNameMask      (1<<2)
#define XkbExplicitComponentsMask       (1<<3)
#define XkbExplicitKeyType4Mask (1<<3)
#define XkbGroup4Mask   (1<<3)
#define XkbKeypadMask   (1<<3)
#define XkbPhysSymbolsNameMask  (1<<3)
#define XkbExplicitInterpretMask        (1<<4)
#define XkbKeyActionsMask       (1<<4)
#define XkbTypesNameMask        (1<<4)
#define XkbCompatNameMask       (1<<5)
#define XkbExplicitAutoRepeatMask       (1<<5)
#define XkbKeyBehaviorsMask     (1<<5)
#define XkbExplicitBehaviorMask (1<<6)
#define XkbKeyTypeNamesMask     (1<<6)
#define XkbVirtualModsMask      (1<<6)
#define XkbAnyGroupMask (1<<7)
#define XkbExplicitVModMapMask  (1<<7)
#define XkbKTLevelNamesMask     (1<<7)
#define XkbVirtualModMapMask    (1<<7)
#define XkbIndicatorNamesMask   (1<<8)
#define XkbKeyNamesMask (1<<9)
#define XkbAXN_SKPressMask      (1L << 0)
#define XkbAX_SKPressFBMask     (1L << 0)
#define XkbAllActionMessagesMask        (1L << 0)
#define XkbAllBellEventsMask    (1L << 0)
#define XkbClientMapMask        (1L << 0)
#define XkbGBN_TypesMask        (1L << 0)
#define XkbIM_UseBase   (1L << 0)
#define XkbLC_Hidden    (1L << 0)
#define XkbModifierStateMask    (1L << 0)
#define XkbNKN_KeycodesMask     (1L << 0)
#define XkbNewKeyboardNotifyMask        (1L << 0)
#define XkbPCF_DetectableAutoRepeatMask (1L << 0)
#define XkbRepeatKeysMask       (1L << 0)
#define XkbSA_ClearLocks        (1L << 0)
#define XkbSA_LockNoLock        (1L << 0)
#define XkbSA_MessageOnPress    (1L << 0)
#define XkbSA_NoAcceleration    (1L << 0)
#define XkbSA_SwitchApplication (1L << 0)
#define XkbXI_KeyboardsMask     (1L << 0)
#define XkbAXN_SKAcceptMask     (1L << 1)
#define XkbAX_SKAcceptFBMask    (1L << 1)
#define XkbGBN_CompatMapMask    (1L << 1)
#define XkbIM_UseLatched        (1L << 1)
#define XkbLC_Default   (1L << 1)
#define XkbMapNotifyMask        (1L << 1)
#define XkbModifierBaseMask     (1L << 1)
#define XkbNKN_GeometryMask     (1L << 1)
#define XkbPCF_GrabsUseXKBStateMask     (1L << 1)
#define XkbSA_LatchToLock       (1L << 1)
#define XkbSA_LockNoUnlock      (1L << 1)
#define XkbSA_MessageOnRelease  (1L << 1)
#define XkbSA_MoveAbsoluteX     (1L << 1)
#define XkbServerMapMask        (1L << 1)
#define XkbSlowKeysMask (1L << 1)
#define XkbXI_ButtonActionsMask (1L << 1)
#define XkbAX_BKRejectFBMask    (1L << 10)
#define XkbAccessXNotifyMask    (1L << 10)
#define XkbCompatGrabModsMask   (1L << 10)
#define XkbLC_KeypadKeys        (1L << 10)
#define XkbOverlay1Mask (1L << 10)
#define XkbAX_DumbBellFBMask    (1L << 11)
#define XkbExtensionDeviceNotifyMask    (1L << 11)
#define XkbLC_FunctionKeys      (1L << 11)
#define XkbLookupModsMask       (1L << 11)
```

```
#define XkbOverlay2Mask (1L << 11)
#define XkbCompatLookupModsMask (1L << 12)
#define XkbIgnoreGroupLockMask  (1L << 12)
#define XkbLC_AlternateGroup    (1L << 12)
#define XkbPointerButtonMask    (1L << 13)
#define XkbXI_UnsupportedFeatureMask    (1L << 15)
#define XkbAXN_SKRejectMask     (1L << 2)
#define XkbAX_FeatureFBMask     (1L << 2)
#define XkbBounceKeysMask       (1L << 2)
#define XkbCompatMapMask        (1L << 2)
#define XkbGBN_ClientSymbolsMask        (1L << 2)
#define XkbIM_UseLocked (1L << 2)
#define XkbLC_Partial   (1L << 2)
#define XkbModifierLatchMask    (1L << 2)
#define XkbNKN_DeviceIDMask     (1L << 2)
#define XkbPCF_AutoResetControlsMask    (1L << 2)
#define XkbSA_DfltBtnAbsolute   (1L << 2)
#define XkbSA_GroupAbsolute     (1L << 2)
#define XkbSA_MessageGenKeyEvent        (1L << 2)
#define XkbSA_MoveAbsoluteY     (1L << 2)
#define XkbSA_SwitchAbsolute    (1L << 2)
#define XkbSA_UseModMapMods     (1L << 2)
#define XkbStateNotifyMask      (1L << 2)
#define XkbXI_IndicatorNamesMask        (1L << 2)
#define XkbGroupsWrapMask       (1L << 27)
#define XkbInternalModsMask     (1L << 28)
#define XkbIgnoreLockModsMask   (1L << 29)
#define XkbAXN_SKReleaseMask    (1L << 3)
#define XkbAX_SlowWarnFBMask    (1L << 3)
#define XkbControlsNotifyMask   (1L << 3)
#define XkbGBN_ServerSymbolsMask        (1L << 3)
#define XkbIM_UseEffective      (1L << 3)
#define XkbIndicatorMapMask     (1L << 3)
#define XkbModifierLockMask     (1L << 3)
#define XkbPCF_LookupStateWhenGrabbed   (1L << 3)
#define XkbSA_ISONoAffectCtrls  (1L << 3)
#define XkbStickyKeysMask       (1L << 3)
#define XkbXI_IndicatorMapsMask (1L << 3)
#define XkbPerKeyRepeatMask     (1L << 30)
#define XkbControlsEnabledMask  (1L << 31)
#define XkbAXN_BKAcceptMask     (1L << 4)
#define XkbAX_IndicatorFBMask   (1L << 4)
#define XkbGBN_IndicatorMapMask (1L << 4)
#define XkbGroupStateMask       (1L << 4)
#define XkbIM_UseCompat (1L << 4)
#define XkbIndicatorStateNotifyMask     (1L << 4)
#define XkbMouseKeysMask        (1L << 4)
#define XkbNamesMask    (1L << 4)
#define XkbPCF_SendEventUsesXKBState    (1L << 4)
#define XkbSA_ISONoAffectPtr    (1L << 4)
#define XkbXI_IndicatorStateMask        (1L << 4)
#define XkbAXN_BKRejectMask     (1L << 5)
#define XkbAX_StickyKeysFBMask  (1L << 5)
#define XkbGBN_KeyNamesMask     (1L << 5)
#define XkbGeometryMask (1L << 5)
#define XkbGroupBaseMask        (1L << 5)
#define XkbIM_LEDDrivesKB       (1L << 5)
#define XkbIndicatorMapNotifyMask       (1L << 5)
#define XkbMouseKeysAccelMask   (1L << 5)
#define XkbSA_ISONoAffectGroup  (1L << 5)
#define XkbAXN_AXKWarningMask   (1L << 6)
#define XkbAX_TwoKeysMask       (1L << 6)
#define XkbAccessXKeysMask      (1L << 6)
#define XkbControlsMask (1L << 6)
#define XkbGBN_GeometryMask     (1L << 6)
#define XkbGroupLatchMask       (1L << 6)
```

```
#define XkbIM_NoAutomatic       (1L << 6)
#define XkbNamesNotifyMask      (1L << 6)
#define XkbSA_ISONoAffectMods   (1L << 6)
#define XkbAX_LatchToLockMask   (1L << 7)
#define XkbAccessXTimeoutMask   (1L << 7)
#define XkbCompatMapNotifyMask  (1L << 7)
#define XkbGBN_OtherNamesMask   (1L << 7)
#define XkbGroupLockMask        (1L << 7)
#define XkbIM_NoExplicit        (1L << 7)
#define XkbSA_ISODfltIsGroup    (1L << 7)
#define XkbAX_SKReleaseFBMask   (1L << 8)
#define XkbAccessXFeedbackMask  (1L << 8)
#define XkbBellNotifyMask       (1L << 8)
#define XkbCompatStateMask      (1L << 8)
#define XkbLC_AlphanumericKeys  (1L << 8)
#define XkbAX_SKRejectFBMask    (1L << 9)
#define XkbActionMessageMask    (1L << 9)
#define XkbAudibleBellMask      (1L << 9)
#define XkbGrabModsMask (1L << 9)
#define XkbLC_ModifierKeys      (1L << 9)
#define XkbSI_AnyOf     (2)
#define XkbSI_AllOf     (3)
#define XkbSI_Exactly   (4)
#define       XkbAllMapComponentsMask       (XkbAllClientInfoMask|
XkbAllServerInfoMask)
#define XkbNumberEvents (XkbEventCode+1)
#define  XkbAllServerInfoMask         (XkbExplicitComponentsMask|
XkbKeyActionsMask|XkbKeyBehaviorsMask|XkbVirtualModsMask|
XkbVirtualModMapMask)
#define  XkbGBN_SymbolsMask             (XkbGBN_ClientSymbolsMask|
XkbGBN_ServerSymbolsMask)
#define   XkbIM_UseAnyMods                     (XkbIM_UseAnyGroup|
XkbIM_UseCompat)
#define XkbIM_UseAnyGroup        (XkbIM_UseBase|XkbIM_UseLatched|
XkbIM_UseLocked |XkbIM_UseEffective)
#define XkbAllClientInfoMask     (XkbKeyTypesMask|XkbKeySymsMask|
XkbModifierMapMask)
#define XkbNumRequiredTypes     (XkbLastRequiredType+1)
#define XkbMaxKeyCount  (XkbMaxLegalKeyCode-XkbMinLegalKeyCode+1)
#define                                       XkbMaxSymsPerKey
(XkbMaxShiftLevel*XkbNumKbdGroups)
#define XkbMaxKbdGroup  (XkbNumKbdGroups-1)
#define XkbSA_NumActions        (XkbSA_LastAction+1)
#define     XkbAccessXOptionsMask              (XkbStickyKeysMask|
XkbAccessXFeedbackMask)
#define X_kbUseExtension        0
#define XkbAXN_SKPress  0
#define XkbEventCode    0
#define XkbGroup1Index  0
#define XkbIM_UseNone   0
#define XkbKeyboard     0
#define XkbMinorVersion 0
#define XkbNewKeyboardNotify    0
#define XkbNoModifierMask       0
#define XkbOneLevelIndex        0
#define XkbSA_UseDfltButton     0
#define XkbKB_Default   0x00
#define XkbSA_NoAction  0x00
#define XkbKB_Lock      0x01
#define XkbSA_SetMods   0x01
#define XkbUseCoreKbd   0x0100
#define XkbKB_RadioGroup        0x02
#define XkbSA_LatchMods 0x02
#define XkbUseCorePtr   0x0200
#define XkbKB_Overlay1  0x03
#define XkbSA_LockMods  0x03
```

```
#define XkbDfltXIClass  0x0300
#define XkbKB_Overlay2  0x04
#define XkbSA_SetGroup  0x04
#define XkbDfltXIId     0x0400
#define XkbSA_LatchGroup        0x05
#define XkbAllXIClasses 0x0500
#define XkbSA_LockGroup 0x06
#define XkbAllXIIds     0x0600
#define XkbSA_MovePtr   0x07
#define XkbSA_PtrBtn    0x08
#define XkbSA_LockPtrBtn        0x09
#define XkbSA_SetPtrDflt        0x0a
#define XkbSA_ISOLock   0x0b
#define XkbSA_Terminate 0x0c
#define XkbSA_SwitchScreen      0x0d
#define XkbSA_SetControls       0x0e
#define XkbSA_LockControls      0x0f
#define XkbSA_ActionMessage     0x10
#define XkbSA_RedirectKey       0x11
#define XkbSA_DeviceBtn 0x12
#define XkbSA_LockDeviceBtn     0x13
#define XkbSA_DeviceValuator    0x14
#define XkbKB_OpMask    0x7f
#define XkbKB_Permanent 0x80
#define XkbKB_RGAllowNone       0x80
#define XkbSA_XFree86Private    0x86
#define XkbErr_BadId    0xfd
#define XkbErr_BadClass 0xfe
#define XkbAllModifiersMask     0xff
#define XkbErr_BadDevice        0xff
#define XkbNoIndicator  0xff
#define XkbNoModifier   0xff
#define XkbNoShape      0xff
#define XkbNoShiftLevel 0xff
#define XkbXINone       0xff00
#define XkbAllVirtualModsMask   0xffff
#define X_kbSelectEvents        1
#define XkbAXN_SKAccept 1
#define XkbGroup2Index  1
#define XkbMajorVersion 1
#define XkbMapNotify    1
#define XkbNumberErrors 1
#define XkbSA_AffectDfltBtn     1
#define XkbTwoLevelIndex        1
#define X_kbGetCompatMap        10
#define XkbAccessXNotify        10
#define XkbGeomPtsPerMM 10
#define X_kbSetDebuggingFlags   101
#define X_kbSetCompatMap        11
#define XkbExtensionDeviceNotify        11
#define X_kbGetIndicatorState   12
#define XkbRGMaxMembers 12
#define X_kbGetIndicatorMap     13
#define X_kbSetIndicatorMap     14
#define X_kbGetNamedIndicator   15
#define X_kbSetNamedIndicator   16
#define XkbNumVirtualMods       16
#define X_kbGetNames    17
#define X_kbSetNames    18
#define X_kbGetGeometry 19
#define XkbAXN_SKReject 2
#define XkbAlphabeticIndex      2
#define XkbGroup3Index  2
#define XkbStateNotify  2
#define X_kbSetGeometry 20
#define X_kbPerClientFlags      21
```

```
#define X_kbListComponents      22
#define X_kbGetKbdByName        23
#define X_kbGetDeviceInfo       24
#define X_kbSetDeviceInfo       25
#define XkbAnyGroup     254
#define XkbAllGroups    255
#define XkbGeomMaxPriority      255
#define XkbMaxKeyTypes  255
#define XkbMaxLegalKeyCode      255
#define X_kbBell        3
#define XkbAXN_SKRelease        3
#define XkbControlsNotify       3
#define XkbGeomMaxLabelColors   3
#define XkbGroup4Index  3
#define XkbKeypadIndex  3
#define XkbGeomMaxColors        32
#define XkbMaxRadioGroups       32
#define XkbNumIndicators        32
#define X_kbGetState    4
#define XkbAXN_BKAccept 4
#define XkbIndicatorStateNotify 4
#define XkbKeyNameLength        4
#define XkbMaxMouseKeysBtn      4
#define XkbNumKbdGroups 4
#define X_kbLatchLockState      5
#define XkbAXN_BKReject 5
#define XkbIndicatorMapNotify   5
#define X_kbGetControls 6
#define XkbAXN_AXKWarning       6
#define XkbActionMessageLength  6
#define XkbNamesNotify  6
#define XkbMaxShiftLevel        63
#define X_kbSetControls 7
#define XkbCompatMapNotify      7
#define X_kbGetMap      8
#define XkbBellNotify   8
#define XkbMaxRedirectCount     8
#define XkbMinLegalKeyCode      8
#define XkbNumModifiers 8
#define X_kbSetMap      9
#define XkbActionMessage        9
#define XkbAllCompatMapEventsMask       XkbAllCompatMask
#define XkbAllControlEventsMask XkbAllControlsMask
#define XkbAllIndicatorEventsMask       XkbAllIndicatorsMask
#define XkbAllMapEventsMask     XkbAllMapComponentsMask
#define XkbAllNameEventsMask    XkbAllNamesMask
#define XkbAllStateEventsMask   XkbAllStateComponentsMask
#define XkbLastRequiredType     XkbKeypadIndex
#define XkbSA_LastAction        XkbSA_DeviceValuator
#define XkbName "XKEYBOARD"
```

6.2.16 X11/extensions/XKBgeom.h

```
#define _XKBGEOM_H_
#define XkbLogoDoodadColor(g,d) (&(g)->colors[(d)->color_ndx])
#define  XkbShapeDoodadColor(g,d)               (&(g)->colors[(d)-
>color_ndx])
#define XkbTextDoodadColor(g,d) (&(g)->colors[(d)->color_ndx])
#define     XkbIndicatorDoodadOffColor(g,d)     (&(g)->colors[(d)-
>off_color_ndx])
#define    XkbIndicatorDoodadOnColor(g,d)       (&(g)->colors[(d)-
>on_color_ndx])
#define XkbKeyColor(g,k)        (&(g)->colors[(k)->color_ndx])
#define   XkbIndicatorDoodadShape(g,d)          (&(g)->shapes[(d)-
```

```
>shape_ndx])
#define XkbLogoDoodadShape(g,d) (&(g)->shapes[(d)->shape_ndx])
#define  XkbShapeDoodadShape(g,d)              (&(g)->shapes[(d)-
>shape_ndx])
#define XkbKeyShape(g,k)        (&(g)->shapes[(k)->shape_ndx])
#define XkbBoundsHeight(b)      (((b)->y2)-((b)->y1))
#define  XkbSetLogoDoodadColor(g,d,c)       ((d)->color_ndx=  (c)-
&(g)->colors[0])
#define  XkbSetShapeDoodadColor(g,d,c)      ((d)->color_ndx=  (c)-
&(g)->colors[0])
#define  XkbSetTextDoodadColor(g,d,c)       ((d)->color_ndx=  (c)-
&(g)->colors[0])
#define   XkbSetIndicatorDoodadOffColor(g,d,c)             ((d)-
>off_color_ndx= (c)-&(g)->colors[0])
#define   XkbSetIndicatorDoodadOnColor(g,d,c)              ((d)-
>on_color_ndx= (c)-&(g)->colors[0])
#define XkbSetIndicatorDoodadShape(g,d,s)        ((d)->shape_ndx=
(s)-&(g)->shapes[0])
#define  XkbSetLogoDoodadShape(g,d,s)       ((d)->shape_ndx=  (s)-
&(g)->shapes[0])
#define  XkbSetShapeDoodadShape(g,d,s)      ((d)->shape_ndx=  (s)-
&(g)->shapes[0])
#define XkbGeomColorIndex(g,c)  ((int)((c)-&(g)->colors[0]))
#define XkbOutlineIndex(s,o)    ((int)((o)-&(s)->outlines[0]))
#define   XkbSetKeyColor(g,k,c)       ((k)->color_ndx=   (c)-&(g)-
>colors[0])
#define   XkbSetKeyShape(g,k,s)       ((k)->shape_ndx=   (s)-&(g)-
>shapes[0])
#define XkbGeomAllMask  (0x3f)
#define XkbGeomPropertiesMask   (1<<0)
#define XkbGeomColorsMask       (1<<1)
#define XkbGeomShapesMask       (1<<2)
#define XkbGeomSectionsMask     (1<<3)
#define XkbGeomDoodadsMask      (1<<4)
#define XkbGeomKeyAliasesMask   (1<<5)
#define XkbUnknownDoodad        0
#define XkbOutlineDoodad        1
#define XkbSolidDoodad  2
#define XkbTextDoodad   3
#define XkbIndicatorDoodad      4
#define XkbLogoDoodad   5

typedef struct _XkbProperty {
    char *name;
    char *value;
} XkbPropertyRec;
typedef struct _XkbProperty *XkbPropertyPtr;
typedef struct _XkbColor {
    unsigned int pixel;
    char *spec;
} XkbColorRec;
typedef struct _XkbColor *XkbColorPtr;
typedef struct _XkbPoint {
    short x;
    short y;
} XkbPointRec;
typedef struct _XkbPoint *XkbPointPtr;
typedef struct _XkbBounds {
    short x1;
    short y1;
    short x2;
    short y2;
} XkbBoundsRec;
typedef struct _XkbBounds *XkbBoundsPtr;
typedef struct _XkbOutline {
    unsigned short num_points;
```

```
    unsigned short sz_points;
    unsigned short corner_radius;
    XkbPointPtr points;
} XkbOutlineRec;
typedef struct _XkbOutline *XkbOutlinePtr;
typedef struct _XkbShape {
    Atom name;
    unsigned short num_outlines;
    unsigned short sz_outlines;
    XkbOutlinePtr outlines;
    XkbOutlinePtr approx;
    XkbOutlinePtr primary;
    XkbBoundsRec bounds;
} XkbShapeRec;
typedef struct _XkbShape *XkbShapePtr;
typedef struct _XkbShapeDoodad {
    Atom name;
    unsigned char type;
    unsigned char priority;
    short top;
    short left;
    short angle;
    unsigned short color_ndx;
    unsigned short shape_ndx;
} XkbShapeDoodadRec;
typedef struct _XkbShapeDoodad *XkbShapeDoodadPtr;
typedef struct _XkbTextDoodad {
    Atom name;
    unsigned char type;
    unsigned char priority;
    short top;
    short left;
    short angle;
    short width;
    short height;
    unsigned short color_ndx;
    char *text;
    char *font;
} XkbTextDoodadRec;
typedef struct _XkbTextDoodad *XkbTextDoodadPtr;
typedef struct _XkbIndicatorDoodad {
    Atom name;
    unsigned char type;
    unsigned char priority;
    short top;
    short left;
    short angle;
    unsigned short shape_ndx;
    unsigned short on_color_ndx;
    unsigned short off_color_ndx;
} XkbIndicatorDoodadRec;
typedef struct _XkbIndicatorDoodad *XkbIndicatorDoodadPtr;
typedef struct _XkbLogoDoodad {
    Atom name;
    unsigned char type;
    unsigned char priority;
    short top;
    short left;
    short angle;
    unsigned short color_ndx;
    unsigned short shape_ndx;
    char *logo_name;
} XkbLogoDoodadRec;
typedef struct _XkbLogoDoodad *XkbLogoDoodadPtr;
typedef struct _XkbAnyDoodad {
    Atom name;
```

```
    unsigned char type;
    unsigned char priority;
    short top;
    short left;
    short angle;
} XkbAnyDoodadRec;
typedef struct _XkbAnyDoodad *XkbAnyDoodadPtr;
union _XkbDoodad {
    XkbAnyDoodadRec any;
    XkbShapeDoodadRec shape;
    XkbTextDoodadRec text;
    XkbIndicatorDoodadRec indicator;
    XkbLogoDoodadRec logo;
};
typedef union _XkbDoodad {
    XkbAnyDoodadRec any;
    XkbShapeDoodadRec shape;
    XkbTextDoodadRec text;
    XkbIndicatorDoodadRec indicator;
    XkbLogoDoodadRec logo;
} XkbDoodadRec;
typedef union _XkbDoodad *XkbDoodadPtr;
typedef struct _XkbKey {
    XkbKeyNameRec name;
    short gap;
    unsigned char shape_ndx;
    unsigned char color_ndx;
} XkbKeyRec;
typedef struct _XkbKey *XkbKeyPtr;
typedef struct _XkbRow {
    short top;
    short left;
    unsigned short num_keys;
    unsigned short sz_keys;
    int vertical;
    XkbKeyPtr keys;
    XkbBoundsRec bounds;
} XkbRowRec;
typedef struct _XkbRow *XkbRowPtr;
typedef struct _XkbSection {
    Atom name;
    unsigned char priority;
    short top;
    short left;
    unsigned short width;
    unsigned short height;
    short angle;
    unsigned short num_rows;
    unsigned short num_doodads;
    unsigned short num_overlays;
    unsigned short sz_rows;
    unsigned short sz_doodads;
    unsigned short sz_overlays;
    XkbRowPtr rows;
    XkbDoodadPtr doodads;
    XkbBoundsRec bounds;
    struct _XkbOverlay *overlays;
} XkbSectionRec;
typedef struct _XkbSection *XkbSectionPtr;
typedef struct _XkbOverlayKey {
    XkbKeyNameRec over;
    XkbKeyNameRec under;
} XkbOverlayKeyRec;
typedef struct _XkbOverlayKey *XkbOverlayKeyPtr;
typedef struct _XkbOverlayRow {
    unsigned short row_under;
```

```
    unsigned short num_keys;
    unsigned short sz_keys;
    XkbOverlayKeyPtr keys;
} XkbOverlayRowRec;
typedef struct _XkbOverlayRow *XkbOverlayRowPtr;
typedef struct _XkbOverlay {
    Atom name;
    XkbSectionPtr section_under;
    unsigned short num_rows;
    unsigned short sz_rows;
    XkbOverlayRowPtr rows;
    XkbBoundsPtr bounds;
} XkbOverlayRec;
typedef struct _XkbOverlay *XkbOverlayPtr;
typedef struct _XkbGeometry {
    Atom name;
    unsigned short width_mm;
    unsigned short height_mm;
    char *label_font;
    XkbColorPtr label_color;
    XkbColorPtr base_color;
    unsigned short sz_properties;
    unsigned short sz_colors;
    unsigned short sz_shapes;
    unsigned short sz_sections;
    unsigned short sz_doodads;
    unsigned short sz_key_aliases;
    unsigned short num_properties;
    unsigned short num_colors;
    unsigned short num_shapes;
    unsigned short num_sections;
    unsigned short num_doodads;
    unsigned short num_key_aliases;
    XkbPropertyPtr properties;
    XkbColorPtr colors;
    XkbShapePtr shapes;
    XkbSectionPtr sections;
    XkbDoodadPtr doodads;
    XkbKeyAliasPtr key_aliases;
} XkbGeometryRec;
typedef struct _XkbGeometrySizes {
    unsigned int which;
    unsigned short num_properties;
    unsigned short num_colors;
    unsigned short num_shapes;
    unsigned short num_sections;
    unsigned short num_doodads;
    unsigned short num_key_aliases;
} XkbGeometrySizesRec;
typedef struct _XkbGeometrySizes *XkbGeometrySizesPtr;
extern int XkbAllocGeomColors(XkbGeometryPtr, int);
extern int XkbAllocGeomDoodads(XkbGeometryPtr, int);
extern int XkbAllocGeomKeyAliases(XkbGeometryPtr, int);
extern int XkbAllocGeomKeys(XkbRowPtr, int);
extern int XkbAllocGeomOutlines(XkbShapePtr, int);
extern int XkbAllocGeomOverlayKeys(XkbOverlayRowPtr, int);
extern int XkbAllocGeomOverlayRows(XkbOverlayPtr, int);
extern int XkbAllocGeomOverlays(XkbSectionPtr, int);
extern int XkbAllocGeomPoints(XkbOutlinePtr, int);
extern int XkbAllocGeomProps(XkbGeometryPtr, int);
extern int XkbAllocGeomRows(XkbSectionPtr, int);
extern int XkbAllocGeomSectionDoodads(XkbSectionPtr, int);
extern int XkbAllocGeomSections(XkbGeometryPtr, int);
extern int XkbAllocGeomShapes(XkbGeometryPtr, int);
extern int XkbAllocGeometry(XkbDescPtr, XkbGeometrySizesPtr);
extern  int  XkbComputeRowBounds(XkbGeometryPtr,  XkbSectionPtr,
```

```
XkbRowPtr);
extern         int         XkbComputeSectionBounds(XkbGeometryPtr,
XkbSectionPtr);
extern int XkbComputeShapeBounds(XkbShapePtr);
extern int XkbComputeShapeTop(XkbShapePtr, XkbBoundsPtr);
extern  char  *XkbFindOverlayForKey(XkbGeometryPtr,  XkbSectionPtr,
char *);
extern void XkbFreeGeomColors(XkbGeometryPtr, int, int, int);
extern void XkbFreeGeomDoodads(XkbDoodadPtr, int, int);
extern void XkbFreeGeomKeyAliases(XkbGeometryPtr, int, int, int);
extern void XkbFreeGeomKeys(XkbRowPtr, int, int, int);
extern void XkbFreeGeomOutlines(XkbShapePtr, int, int, int);
extern  void  XkbFreeGeomOverlayKeys(XkbOverlayRowPtr,  int,  int,
int);
extern void XkbFreeGeomOverlayRows(XkbOverlayPtr, int, int, int);
extern void XkbFreeGeomOverlays(XkbSectionPtr, int, int, int);
extern void XkbFreeGeomPoints(XkbOutlinePtr, int, int, int);
extern void XkbFreeGeomProperties(XkbGeometryPtr, int, int, int);
extern void XkbFreeGeomRows(XkbSectionPtr, int, int, int);
extern void XkbFreeGeomSections(XkbGeometryPtr, int, int, int);
extern void XkbFreeGeomShapes(XkbGeometryPtr, int, int, int);
extern void XkbFreeGeometry(XkbGeometryPtr, unsigned int, int);
extern int XkbGetGeometry(Display *, XkbDescPtr);
extern int XkbGetNamedGeometry(Display *, XkbDescPtr, Atom);
extern    int    XkbSetGeometry(Display    *,    unsigned    int,
XkbGeometryPtr);
```

6.2.17 X11/extensions/XKBproto.h

```
#define XkbPaddedSize(n)         ((((unsigned int)(n)+3) >> 2) <<
2)
#define XkbSetMapAllFlags       (0x3)
#define XkbSetMapResizeTypes    (1L<<0)
#define XkbSetMapRecomputeActions       (1L<<1)
#define sz_xkbSetControlsReq    100
#define sz_xkbGetCompatMapReq   12
#define sz_xkbGetGeometryReq    12
#define sz_xkbGetIndicatorMapReq        12
#define sz_xkbGetKbdByNameReq   12
#define sz_xkbGetNamesReq       12
#define sz_xkbIndicatorMapWireDesc      12
#define sz_xkbSetDeviceInfoReq  12
#define sz_xkbSetIndicatorMapReq        12
#define sz_xkbGetDeviceInfoReq  16
#define sz_xkbGetNamedIndicatorReq      16
#define sz_xkbLatchLockStateReq 16
#define sz_xkbSelectEventsReq   16
#define sz_xkbSetCompatMapReq   16
#define sz_xkbSymInterpretWireDesc      16
#define sz_xkbAnyDoodadWireDesc 20
#define sz_xkbDeviceLedsWireDesc        20
#define sz_xkbDoodadWireDesc    20
#define sz_xkbIndicatorDoodadWireDesc   20
#define sz_xkbLogoDoodadWireDesc        20
#define sz_xkbSectionWireDesc   20
#define sz_xkbShapeDoodadWireDesc       20
#define sz_xkbTextDoodadWireDesc        20
#define sz_xkbSetDebuggingFlagsReq      24
#define sz_xkbBellReq   28
#define sz_xkbGetMapReq 28
#define sz_xkbPerClientFlagsReq 28
#define sz_xkbSetGeometryReq    28
#define sz_xkbSetNamesReq       28
#define sz_xkbAccessXNotify     32
```

```
#define sz_xkbActionMessage     32
#define sz_xkbAnyEvent  32
#define sz_xkbBellNotify        32
#define sz_xkbCompatMapNotify   32
#define sz_xkbControlsNotify    32
#define sz_xkbEvent     32
#define sz_xkbExtensionDeviceNotify     32
#define sz_xkbGetCompatMapReply 32
#define sz_xkbGetDeviceInfoReply        32
#define sz_xkbGetGeometryReply  32
#define sz_xkbGetIndicatorMapReply      32
#define sz_xkbGetIndicatorStateReply    32
#define sz_xkbGetKbdByNameReply 32
#define sz_xkbGetNamedIndicatorReply    32
#define sz_xkbGetNamesReply     32
#define sz_xkbGetStateReply     32
#define sz_xkbIndicatorNotify   32
#define sz_xkbListComponentsReply       32
#define sz_xkbMapNotify 32
#define sz_xkbNamesNotify       32
#define sz_xkbNewKeyboardNotify 32
#define sz_xkbPerClientFlagsReply       32
#define sz_xkbSetDebuggingFlagsReply    32
#define sz_xkbSetNamedIndicatorReq      32
#define sz_xkbStateNotify       32
#define sz_xkbUseExtensionReply 32
#define sz_xkbSetMapReq 36
#define sz_xkbBehaviorWireDesc  4
#define sz_xkbKTSetMapEntryWireDesc     4
#define sz_xkbModsWireDesc      4
#define sz_xkbOutlineWireDesc   4
#define sz_xkbOverlayRowWireDesc        4
#define sz_xkbPointWireDesc     4
#define sz_xkbVModMapWireDesc   4
#define sz_xkbGetMapReply       40
#define sz_xkbActionWireDesc    8
#define sz_xkbGetControlsReq    8
#define sz_xkbGetIndicatorStateReq      8
#define sz_xkbGetStateReq       8
#define sz_xkbKTMapEntryWireDesc        8
#define sz_xkbKeyTypeWireDesc   8
#define sz_xkbKeyWireDesc       8
#define sz_xkbListComponentsReq 8
#define sz_xkbOverlayKeyWireDesc        8
#define sz_xkbOverlayWireDesc   8
#define sz_xkbRowWireDesc       8
#define sz_xkbShapeWireDesc     8
#define sz_xkbSymMapWireDesc    8
#define sz_xkbUseExtensionReq   8
#define sz_xkbGetControlsReply  92

typedef struct _xkbUseExtension {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 wantedMajor;
    CARD16 wantedMinor;
} xkbUseExtensionReq;
typedef struct _xkbUseExtensionReply {
    BYTE type;
    BOOL supported;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 serverMajor;
    CARD16 serverMinor;
    CARD32 pad1;
```

```
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xkbUseExtensionReply;
typedef struct _xkbSelectEvents {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 affectWhich;
    CARD16 clear;
    CARD16 selectAll;
    CARD16 affectMap;
    CARD16 map;
} xkbSelectEventsReq;
typedef struct _xkbBell {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 bellClass;
    CARD16 bellID;
    INT8 percent;
    BOOL forceSound;
    BOOL eventOnly;
    CARD8 pad1;
    INT16 pitch;
    INT16 duration;
    CARD16 pad2;
    CARD32 name;
    CARD32 window;
} xkbBellReq;
typedef struct _xkbGetState {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 pad;
} xkbGetStateReq;
typedef struct _xkbGetStateReply {
    BYTE type;
    BYTE deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 mods;
    CARD8 baseMods;
    CARD8 latchedMods;
    CARD8 lockedMods;
    CARD8 group;
    CARD8 lockedGroup;
    INT16 baseGroup;
    INT16 latchedGroup;
    CARD8 compatState;
    CARD8 grabMods;
    CARD8 compatGrabMods;
    CARD8 lookupMods;
    CARD8 compatLookupMods;
    CARD8 pad1;
    CARD16 ptrBtnState;
    CARD16 pad2;
    CARD32 pad3;
} xkbGetStateReply;
typedef struct _xkbLatchLockState {
    CARD8 reqType;
    CARD8 xkbReqType;
```

```
    CARD16 length;
    CARD16 deviceSpec;
    CARD8 affectModLocks;
    CARD8 modLocks;
    BOOL lockGroup;
    CARD8 groupLock;
    CARD8 affectModLatches;
    CARD8 modLatches;
    CARD8 pad;
    BOOL latchGroup;
    INT16 groupLatch;
} xkbLatchLockStateReq;
typedef struct _xkbGetControls {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 pad;
} xkbGetControlsReq;
typedef struct _xkbGetControlsReply {
    BYTE type;
    CARD8 deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 mkDfltBtn;
    CARD8 numGroups;
    CARD8 groupsWrap;
    CARD8 internalMods;
    CARD8 ignoreLockMods;
    CARD8 internalRealMods;
    CARD8 ignoreLockRealMods;
    CARD8 pad1;
    CARD16 internalVMods;
    CARD16 ignoreLockVMods;
    CARD16 repeatDelay;
    CARD16 repeatInterval;
    CARD16 slowKeysDelay;
    CARD16 debounceDelay;
    CARD16 mkDelay;
    CARD16 mkInterval;
    CARD16 mkTimeToMax;
    CARD16 mkMaxSpeed;
    INT16 mkCurve;
    CARD16 axOptions;
    CARD16 axTimeout;
    CARD16 axtOptsMask;
    CARD16 axtOptsValues;
    CARD16 pad2;
    CARD32 axtCtrlsMask;
    CARD32 axtCtrlsValues;
    CARD32 enabledCtrls;
    BYTE perKeyRepeat[32];
} xkbGetControlsReply;
typedef struct _xkbSetControls {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD8 affectInternalMods;
    CARD8 internalMods;
    CARD8 affectIgnoreLockMods;
    CARD8 ignoreLockMods;
    CARD16 affectInternalVMods;
    CARD16 internalVMods;
    CARD16 affectIgnoreLockVMods;
    CARD16 ignoreLockVMods;
```

```
    CARD8 mkDfltBtn;
    CARD8 groupsWrap;
    CARD16 axOptions;
    CARD16 pad1;
    CARD32 affectEnabledCtrls;
    CARD32 enabledCtrls;
    CARD32 changeCtrls;
    CARD16 repeatDelay;
    CARD16 repeatInterval;
    CARD16 slowKeysDelay;
    CARD16 debounceDelay;
    CARD16 mkDelay;
    CARD16 mkInterval;
    CARD16 mkTimeToMax;
    CARD16 mkMaxSpeed;
    INT16 mkCurve;
    CARD16 axTimeout;
    CARD32 axtCtrlsMask;
    CARD32 axtCtrlsValues;
    CARD16 axtOptsMask;
    CARD16 axtOptsValues;
    BYTE perKeyRepeat[32];
} xkbSetControlsReq;
typedef struct _xkbKTMapEntryWireDesc {
    BOOL active;
    CARD8 mask;
    CARD8 level;
    CARD8 realMods;
    CARD16 virtualMods;
    CARD16 pad;
} xkbKTMapEntryWireDesc;
typedef struct _xkbKTSetMapEntryWireDesc {
    CARD8 level;
    CARD8 realMods;
    CARD16 virtualMods;
} xkbKTSetMapEntryWireDesc;
typedef struct _xkbModsWireDesc {
    CARD8 mask;
    CARD8 realMods;
    CARD16 virtualMods;
} xkbModsWireDesc;
typedef struct _xkbKeyTypeWireDesc {
    CARD8 mask;
    CARD8 realMods;
    CARD16 virtualMods;
    CARD8 numLevels;
    CARD8 nMapEntries;
    BOOL preserve;
    CARD8 pad;
} xkbKeyTypeWireDesc;
typedef struct _xkbSymMapWireDesc {
    CARD8 ktIndex[4];
    CARD8 groupInfo;
    CARD8 width;
    CARD16 nSyms;
} xkbSymMapWireDesc;
typedef struct _xkbVModMapWireDesc {
    CARD8 key;
    CARD8 pad;
    CARD16 vmods;
} xkbVModMapWireDesc;
typedef struct _xkbBehaviorWireDesc {
    CARD8 key;
    CARD8 type;
    CARD8 data;
    CARD8 pad;
```

```
} xkbBehaviorWireDesc;
typedef struct _xkbActionWireDesc {
    CARD8 type;
    CARD8 data[7];
} xkbActionWireDesc;
typedef struct _xkbGetMap {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 full;
    CARD16 partial;
    CARD8 firstType;
    CARD8 nTypes;
    CARD8 firstKeySym;
    CARD8 nKeySyms;
    CARD8 firstKeyAct;
    CARD8 nKeyActs;
    CARD8 firstKeyBehavior;
    CARD8 nKeyBehaviors;
    CARD16 virtualMods;
    CARD8 firstKeyExplicit;
    CARD8 nKeyExplicit;
    CARD8 firstModMapKey;
    CARD8 nModMapKeys;
    CARD8 firstVModMapKey;
    CARD8 nVModMapKeys;
    CARD16 pad1;
} xkbGetMapReq;
typedef struct _xkbGetMapReply {
    CARD8 type;
    CARD8 deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 pad1;
    CARD8 minKeyCode;
    CARD8 maxKeyCode;
    CARD16 present;
    CARD8 firstType;
    CARD8 nTypes;
    CARD8 totalTypes;
    CARD8 firstKeySym;
    CARD16 totalSyms;
    CARD8 nKeySyms;
    CARD8 firstKeyAct;
    CARD16 totalActs;
    CARD8 nKeyActs;
    CARD8 firstKeyBehavior;
    CARD8 nKeyBehaviors;
    CARD8 totalKeyBehaviors;
    CARD8 firstKeyExplicit;
    CARD8 nKeyExplicit;
    CARD8 totalKeyExplicit;
    CARD8 firstModMapKey;
    CARD8 nModMapKeys;
    CARD8 totalModMapKeys;
    CARD8 firstVModMapKey;
    CARD8 nVModMapKeys;
    CARD8 totalVModMapKeys;
    CARD8 pad2;
    CARD16 virtualMods;
} xkbGetMapReply;
typedef struct _xkbSetMap {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
```

```
    CARD16 deviceSpec;
    CARD16 present;
    CARD16 flags;
    CARD8 minKeyCode;
    CARD8 maxKeyCode;
    CARD8 firstType;
    CARD8 nTypes;
    CARD8 firstKeySym;
    CARD8 nKeySyms;
    CARD16 totalSyms;
    CARD8 firstKeyAct;
    CARD8 nKeyActs;
    CARD16 totalActs;
    CARD8 firstKeyBehavior;
    CARD8 nKeyBehaviors;
    CARD8 totalKeyBehaviors;
    CARD8 firstKeyExplicit;
    CARD8 nKeyExplicit;
    CARD8 totalKeyExplicit;
    CARD8 firstModMapKey;
    CARD8 nModMapKeys;
    CARD8 totalModMapKeys;
    CARD8 firstVModMapKey;
    CARD8 nVModMapKeys;
    CARD8 totalVModMapKeys;
    CARD16 virtualMods;
} xkbSetMapReq;
typedef struct _xkbSymInterpretWireDesc {
    CARD32 sym;
    CARD8 mods;
    CARD8 match;
    CARD8 virtualMod;
    CARD8 flags;
    xkbActionWireDesc act;
} xkbSymInterpretWireDesc;
typedef struct _xkbGetCompatMap {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD8 groups;
    BOOL getAllSI;
    CARD16 firstSI;
    CARD16 nSI;
} xkbGetCompatMapReq;
typedef struct _xkbGetCompatMapReply {
    CARD8 type;
    CARD8 deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 groups;
    CARD8 pad1;
    CARD16 firstSI;
    CARD16 nSI;
    CARD16 nTotalSI;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xkbGetCompatMapReply;
typedef struct _xkbSetCompatMap {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD8 pad1;
```

```
    BOOL recomputeActions;
    BOOL truncateSI;
    CARD8 groups;
    CARD16 firstSI;
    CARD16 nSI;
    CARD16 pad2;
} xkbSetCompatMapReq;
typedef struct _xkbGetIndicatorState {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 pad1;
} xkbGetIndicatorStateReq;
typedef struct _xkbGetIndicatorStateReply {
    CARD8 type;
    CARD8 deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 state;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xkbGetIndicatorStateReply;
typedef struct _xkbGetIndicatorMap {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 pad;
    CARD32 which;
} xkbGetIndicatorMapReq;
typedef struct _xkbGetIndicatorMapReply {
    CARD8 type;
    CARD8 deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 which;
    CARD32 realIndicators;
    CARD8 nIndicators;
    CARD8 pad1;
    CARD16 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xkbGetIndicatorMapReply;
typedef struct _xkbIndicatorMapWireDesc {
    CARD8 flags;
    CARD8 whichGroups;
    CARD8 groups;
    CARD8 whichMods;
    CARD8 mods;
    CARD8 realMods;
    CARD16 virtualMods;
    CARD32 ctrls;
} xkbIndicatorMapWireDesc;
typedef struct _xkbSetIndicatorMap {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 pad1;
    CARD32 which;
} xkbSetIndicatorMapReq;
```

```
typedef struct _xkbGetNamedIndicator {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 ledClass;
    CARD16 ledID;
    CARD16 pad1;
    CARD32 indicator;
} xkbGetNamedIndicatorReq;
typedef struct _xkbGetNamedIndicatorReply {
    BYTE type;
    BYTE deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 indicator;
    BOOL found;
    BOOL on;
    BOOL realIndicator;
    CARD8 ndx;
    CARD8 flags;
    CARD8 whichGroups;
    CARD8 groups;
    CARD8 whichMods;
    CARD8 mods;
    CARD8 realMods;
    CARD16 virtualMods;
    CARD32 ctrls;
    BOOL supported;
    CARD8 pad1;
    CARD16 pad2;
} xkbGetNamedIndicatorReply;
typedef struct _xkbSetNamedIndicator {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 ledClass;
    CARD16 ledID;
    CARD16 pad1;
    CARD32 indicator;
    BOOL setState;
    BOOL on;
    BOOL setMap;
    BOOL createMap;
    CARD8 pad2;
    CARD8 flags;
    CARD8 whichGroups;
    CARD8 groups;
    CARD8 whichMods;
    CARD8 realMods;
    CARD16 virtualMods;
    CARD32 ctrls;
} xkbSetNamedIndicatorReq;
typedef struct _xkbGetNames {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 pad;
    CARD32 which;
} xkbGetNamesReq;
typedef struct _xkbGetNamesReply {
    BYTE type;
    BYTE deviceID;
    CARD16 sequenceNumber;
```

```
    CARD32 length;
    CARD32 which;
    CARD8 minKeyCode;
    CARD8 maxKeyCode;
    CARD8 nTypes;
    CARD8 groupNames;
    CARD16 virtualMods;
    CARD8 firstKey;
    CARD8 nKeys;
    CARD32 indicators;
    CARD8 nRadioGroups;
    CARD8 nKeyAliases;
    CARD16 nKTLevels;
    CARD32 pad3;
} xkbGetNamesReply;
typedef struct _xkbSetNames {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 virtualMods;
    CARD32 which;
    CARD8 firstType;
    CARD8 nTypes;
    CARD8 firstKTLevel;
    CARD8 nKTLevels;
    CARD32 indicators;
    CARD8 groupNames;
    CARD8 nRadioGroups;
    CARD8 firstKey;
    CARD8 nKeys;
    CARD8 nKeyAliases;
    CARD8 pad1;
    CARD16 totalKTLevelNames;
} xkbSetNamesReq;
typedef struct _xkbPointWireDesc {
    INT16 x;
    INT16 y;
} xkbPointWireDesc;
typedef struct _xkbOutlineWireDesc {
    CARD8 nPoints;
    CARD8 cornerRadius;
    CARD16 pad;
} xkbOutlineWireDesc;
typedef struct _xkbShapeWireDesc {
    CARD32 name;
    CARD8 nOutlines;
    CARD8 primaryNdx;
    CARD8 approxNdx;
    CARD8 pad;
} xkbShapeWireDesc;
typedef struct _xkbSectionWireDesc {
    CARD32 name;
    INT16 top;
    INT16 left;
    CARD16 width;
    CARD16 height;
    INT16 angle;
    CARD8 priority;
    CARD8 nRows;
    CARD8 nDoodads;
    CARD8 nOverlays;
    CARD16 pad;
} xkbSectionWireDesc;
typedef struct _xkbRowWireDesc {
    INT16 top;
```

```
    INT16 left;
    CARD8 nKeys;
    BOOL vertical;
    CARD16 pad;
} xkbRowWireDesc;
typedef struct _xkbKeyWireDesc {
    CARD8 name[4];
    INT16 gap;
    CARD8 shapeNdx;
    CARD8 colorNdx;
} xkbKeyWireDesc;
typedef struct _xkbOverlayWireDesc {
    CARD32 name;
    CARD8 nRows;
    CARD8 pad1;
    CARD16 pad2;
} xkbOverlayWireDesc;
typedef struct _xkbOverlayRowWireDesc {
    CARD8 rowUnder;
    CARD8 nKeys;
    CARD16 pad1;
} xkbOverlayRowWireDesc;
typedef struct _xkbOverlayKeyWireDesc {
    CARD8 over[4];
    CARD8 under[4];
} xkbOverlayKeyWireDesc;
typedef struct _xkbShapeDoodadWireDesc {
    CARD32 name;
    CARD8 type;
    CARD8 priority;
    INT16 top;
    INT16 left;
    INT16 angle;
    CARD8 colorNdx;
    CARD8 shapeNdx;
    CARD16 pad1;
    CARD32 pad2;
} xkbShapeDoodadWireDesc;
typedef struct _xkbTextDoodadWireDesc {
    CARD32 name;
    CARD8 type;
    CARD8 priority;
    INT16 top;
    INT16 left;
    INT16 angle;
    CARD16 width;
    CARD16 height;
    CARD8 colorNdx;
    CARD8 pad1;
    CARD16 pad2;
} xkbTextDoodadWireDesc;
typedef struct _xkbIndicatorDoodadWireDesc {
    CARD32 name;
    CARD8 type;
    CARD8 priority;
    INT16 top;
    INT16 left;
    INT16 angle;
    CARD8 shapeNdx;
    CARD8 onColorNdx;
    CARD8 offColorNdx;
    CARD8 pad1;
    CARD32 pad2;
} xkbIndicatorDoodadWireDesc;
typedef struct _xkbLogoDoodadWireDesc {
    CARD32 name;
```

```
    CARD8 type;
    CARD8 priority;
    INT16 top;
    INT16 left;
    INT16 angle;
    CARD8 colorNdx;
    CARD8 shapeNdx;
    CARD16 pad1;
    CARD32 pad2;
} xkbLogoDoodadWireDesc;
typedef struct _xkbAnyDoodadWireDesc {
    CARD32 name;
    CARD8 type;
    CARD8 priority;
    INT16 top;
    INT16 left;
    INT16 angle;
    CARD32 pad2;
    CARD32 pad3;
} xkbAnyDoodadWireDesc;
union _xkbDoodadWireDesc {
    xkbAnyDoodadWireDesc any;
    xkbShapeDoodadWireDesc shape;
    xkbTextDoodadWireDesc text;
    xkbIndicatorDoodadWireDesc indicator;
    xkbLogoDoodadWireDesc logo;
};
typedef union _xkbDoodadWireDesc {
    xkbAnyDoodadWireDesc any;
    xkbShapeDoodadWireDesc shape;
    xkbTextDoodadWireDesc text;
    xkbIndicatorDoodadWireDesc indicator;
    xkbLogoDoodadWireDesc logo;
} xkbDoodadWireDesc;
typedef struct _xkbGetGeometry {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 pad;
    CARD32 name;
} xkbGetGeometryReq;
typedef struct _xkbGetGeometryReply {
    CARD8 type;
    CARD8 deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 name;
    BOOL found;
    CARD8 pad;
    CARD16 widthMM;
    CARD16 heightMM;
    CARD16 nProperties;
    CARD16 nColors;
    CARD16 nShapes;
    CARD16 nSections;
    CARD16 nDoodads;
    CARD16 nKeyAliases;
    CARD8 baseColorNdx;
    CARD8 labelColorNdx;
} xkbGetGeometryReply;
typedef struct _xkbSetGeometry {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
```

```
    CARD8 nShapes;
    CARD8 nSections;
    CARD32 name;
    CARD16 widthMM;
    CARD16 heightMM;
    CARD16 nProperties;
    CARD16 nColors;
    CARD16 nDoodads;
    CARD16 nKeyAliases;
    CARD8 baseColorNdx;
    CARD8 labelColorNdx;
    CARD16 pad;
} xkbSetGeometryReq;
typedef struct _xkbPerClientFlags {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 pad1;
    CARD32 change;
    CARD32 value;
    CARD32 ctrlsToChange;
    CARD32 autoCtrls;
    CARD32 autoCtrlValues;
} xkbPerClientFlagsReq;
typedef struct _xkbPerClientFlagsReply {
    CARD8 type;
    CARD8 deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 supported;
    CARD32 value;
    CARD32 autoCtrls;
    CARD32 autoCtrlValues;
    CARD32 pad1;
    CARD32 pad2;
} xkbPerClientFlagsReply;
typedef struct _xkbListComponents {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 maxNames;
} xkbListComponentsReq;
typedef struct _xkbListComponentsReply {
    CARD8 type;
    CARD8 deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 nKeymaps;
    CARD16 nKeycodes;
    CARD16 nTypes;
    CARD16 nCompatMaps;
    CARD16 nSymbols;
    CARD16 nGeometries;
    CARD16 extra;
    CARD16 pad1;
    CARD32 pad2;
    CARD32 pad3;
} xkbListComponentsReply;
typedef struct _xkbGetKbdByName {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 need;
```

```
    CARD16 want;
    BOOL load;
    CARD8 pad;
} xkbGetKbdByNameReq;
typedef struct _xkbGetKbdByNameReply {
    CARD8 type;
    CARD8 deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 minKeyCode;
    CARD8 maxKeyCode;
    BOOL loaded;
    BOOL newKeyboard;
    CARD16 found;
    CARD16 reported;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
} xkbGetKbdByNameReply;
typedef struct _xkbDeviceLedsWireDesc {
    CARD16 ledClass;
    CARD16 ledID;
    CARD32 namesPresent;
    CARD32 mapsPresent;
    CARD32 physIndicators;
    CARD32 state;
} xkbDeviceLedsWireDesc;
typedef struct _xkbGetDeviceInfo {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
    CARD16 wanted;
    BOOL allBtns;
    CARD8 firstBtn;
    CARD8 nBtns;
    CARD8 pad;
    CARD16 ledClass;
    CARD16 ledID;
} xkbGetDeviceInfoReq;
typedef struct _xkbGetDeviceInfoReply {
    CARD8 type;
    CARD8 deviceID;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 present;
    CARD16 supported;
    CARD16 unsupported;
    CARD16 nDeviceLedFBs;
    CARD8 firstBtnWanted;
    CARD8 nBtnsWanted;
    CARD8 firstBtnRtrn;
    CARD8 nBtnsRtrn;
    CARD8 totalBtns;
    BOOL hasOwnState;
    CARD16 dfltKbdFB;
    CARD16 dfltLedFB;
    CARD16 pad;
    CARD32 devType;
} xkbGetDeviceInfoReply;
typedef struct _xkbSetDeviceInfo {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 deviceSpec;
```

```
    CARD8 firstBtn;
    CARD8 nBtns;
    CARD16 change;
    CARD16 nDeviceLedFBs;
} xkbSetDeviceInfoReq;
typedef struct _xkbSetDebuggingFlags {
    CARD8 reqType;
    CARD8 xkbReqType;
    CARD16 length;
    CARD16 msgLength;
    CARD16 pad;
    CARD32 affectFlags;
    CARD32 flags;
    CARD32 affectCtrls;
    CARD32 ctrls;
} xkbSetDebuggingFlagsReq;
typedef struct _xkbSetDebuggingFlagsReply {
    BYTE type;
    CARD8 pad0;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 currentFlags;
    CARD32 currentCtrls;
    CARD32 supportedFlags;
    CARD32 supportedCtrls;
    CARD32 pad1;
    CARD32 pad2;
} xkbSetDebuggingFlagsReply;
typedef struct _xkbAnyEvent {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 pad1;
    CARD16 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xkbAnyEvent;
typedef struct _xkbNewKeyboardNotify {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 oldDeviceID;
    CARD8 minKeyCode;
    CARD8 maxKeyCode;
    CARD8 oldMinKeyCode;
    CARD8 oldMaxKeyCode;
    CARD8 requestMajor;
    CARD8 requestMinor;
    CARD16 changed;
    CARD8 detail;
    CARD8 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
} xkbNewKeyboardNotify;
typedef struct _xkbMapNotify {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
```

```
    CARD32 time;
    CARD8 deviceID;
    CARD8 ptrBtnActions;
    CARD16 changed;
    CARD8 minKeyCode;
    CARD8 maxKeyCode;
    CARD8 firstType;
    CARD8 nTypes;
    CARD8 firstKeySym;
    CARD8 nKeySyms;
    CARD8 firstKeyAct;
    CARD8 nKeyActs;
    CARD8 firstKeyBehavior;
    CARD8 nKeyBehaviors;
    CARD8 firstKeyExplicit;
    CARD8 nKeyExplicit;
    CARD8 firstModMapKey;
    CARD8 nModMapKeys;
    CARD8 firstVModMapKey;
    CARD8 nVModMapKeys;
    CARD16 virtualMods;
    CARD16 pad1;
} xkbMapNotify;
typedef struct _xkbStateNotify {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 mods;
    CARD8 baseMods;
    CARD8 latchedMods;
    CARD8 lockedMods;
    CARD8 group;
    INT16 baseGroup;
    INT16 latchedGroup;
    CARD8 lockedGroup;
    CARD8 compatState;
    CARD8 grabMods;
    CARD8 compatGrabMods;
    CARD8 lookupMods;
    CARD8 compatLookupMods;
    CARD16 ptrBtnState;
    CARD16 changed;
    CARD8 keycode;
    CARD8 eventType;
    CARD8 requestMajor;
    CARD8 requestMinor;
} xkbStateNotify;
typedef struct _xkbControlsNotify {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 numGroups;
    CARD16 pad1;
    CARD32 changedControls;
    CARD32 enabledControls;
    CARD32 enabledControlChanges;
    CARD8 keycode;
    CARD8 eventType;
    CARD8 requestMajor;
    CARD8 requestMinor;
    CARD32 pad2;
} xkbControlsNotify;
```

```
typedef struct _xkbIndicatorNotify {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 pad1;
    CARD16 pad2;
    CARD32 state;
    CARD32 changed;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xkbIndicatorNotify;
typedef struct _xkbNamesNotify {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 pad1;
    CARD16 changed;
    CARD8 firstType;
    CARD8 nTypes;
    CARD8 firstLevelName;
    CARD8 nLevelNames;
    CARD8 pad2;
    CARD8 nRadioGroups;
    CARD8 nAliases;
    CARD8 changedGroupNames;
    CARD16 changedVirtualMods;
    CARD8 firstKey;
    CARD8 nKeys;
    CARD32 changedIndicators;
    CARD32 pad3;
} xkbNamesNotify;
typedef struct _xkbCompatMapNotify {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 changedGroups;
    CARD16 firstSI;
    CARD16 nSI;
    CARD16 nTotalSI;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
} xkbCompatMapNotify;
typedef struct _xkbBellNotify {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 bellClass;
    CARD8 bellID;
    CARD8 percent;
    CARD16 pitch;
    CARD16 duration;
    CARD32 name;
    CARD32 window;
    BOOL eventOnly;
    CARD8 pad1;
```

```
    CARD16 pad2;
    CARD32 pad3;
} xkbBellNotify;
typedef struct _xkbActionMessage {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 keycode;
    BOOL press;
    BOOL keyEventFollows;
    CARD8 mods;
    CARD8 group;
    CARD8 message[8];
    CARD16 pad1;
    CARD32 pad2;
    CARD32 pad3;
} xkbActionMessage;
typedef struct _xkbAccessXNotify {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 keycode;
    CARD16 detail;
    CARD16 slowKeysDelay;
    CARD16 debounceDelay;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
} xkbAccessXNotify;
typedef struct _xkbExtensionDeviceNotify {
    BYTE type;
    BYTE xkbType;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 deviceID;
    CARD8 pad1;
    CARD16 reason;
    CARD16 ledClass;
    CARD16 ledID;
    CARD32 ledsDefined;
    CARD32 ledState;
    CARD8 firstBtn;
    CARD8 nBtns;
    CARD16 supported;
    CARD16 unsupported;
    CARD16 pad3;
} xkbExtensionDeviceNotify;
typedef struct _xkbEvent {
    union {
        xkbAnyEvent any;
        xkbNewKeyboardNotify new_kbd;
        xkbMapNotify map;
        xkbStateNotify state;
        xkbControlsNotify ctrls;
        xkbIndicatorNotify indicators;
        xkbNamesNotify names;
        xkbCompatMapNotify compat;
        xkbBellNotify bell;
        xkbActionMessage message;
        xkbAccessXNotify accessx;
        xkbExtensionDeviceNotify device;
```

```
    } u;
} xkbEvent;
```

6.2.18 X11/extensions/XKBstr.h

```
#define _XKBSTR_H_
#define XkbSMKeyActionsPtr(m,k) (&(m)->acts[(m)->key_acts[k]])
#define      XkbCMKeySymsPtr(m,k)                          (&(m)-
>syms[XkbCMKeySymsOffset(m,k)])
#define     XkbCMKeyType(m,k,g)                            (&(m)-
>types[XkbCMKeyTypeIndex(m,k,g)])
#define   XkbIM_IsAuto(i)   ((((i)->flags&XkbIM_NoAutomatic)==0)&&
(((i)->which_groups&&(i)->groups)||        ((i)->which_mods&&(i)-
>mods.mask)|| ((i)->ctrls)))
#define  XkbActionCtrls(a)                (((unsigned  int)(a)-
>ctrls3)<<24)|  (((unsigned  int)(a)->ctrls2)<<16)|  (((unsigned
int)(a)->ctrls1)<<8)| ((unsigned int)((a)->ctrls0)))
#define   XkbSARedirectVMods(a)          ((((unsigned   int)(a)-
>vmods1)<<8)| ((unsigned int)(a)->vmods0))
#define XkbSARedirectVModsMask(a)          ((((unsigned int)(a)-
>vmods_mask1)<<8)| ((unsigned int)(a)->vmods_mask0))
#define  XkbActionSetCtrls(a,c)   (((a)->ctrls3=(((c)>>24)&0xff)),
((a)->ctrls2=(((c)>>16)&0xff)),    ((a)->ctrls1=(((c)>>8)&0xff)),
((a)->ctrls0=((c)&0xff)))
#define   XkbSetModActionVMods(a,v)                        (((a)-
>vmods1=(((v)>>8)&0xff)),(a)->vmods2=((v)&0xff))
#define    XkbSARedirectSetVMods(a,m)                      (((a)-
>vmods_mask1=(((m)>>8)&0xff)), ((a)->vmods_mask0=((m)&0xff)))
#define       XkbSARedirectSetVModsMask(a,m)               (((a)-
>vmods_mask1=(((m)>>8)&0xff)), ((a)->vmods_mask0=((m)&0xff)))
#define    XkbXI_DevHasBtnActs(d)       (((d)->num_btns>0)&&((d)-
>btn_acts!=NULL))
#define  XkbXI_DevHasLeds(d)       (((d)->num_leds>0)&&((d)->leds!
=NULL))
#define XkbOutOfRangeGroupNumber(g)     (((g)&0x30)>>4)
#define XkbSetNumGroups(g,n)    (((g)&0xf0)|((n)&0x0f))
#define    XkbIntTo2Chars(i,h,l)            (((h)=((i>>8)&0xff)),
((l)=((i)&0xff)))
#define   XkbIM_InUse(i)      (((i)->flags)||((i)->which_groups)||
((i)->which_mods)||((i)->ctrls))
#define   XkbKeycodeInRange(d,k)      (((k)>=(d)->min_key_code)&&
((k)<=(d)->max_key_code))
#define    XkbSetGroupInfo(g,w,n)       (((w)&0xc0)|(((n)&3)<<4)|
((g)&0x0f))
#define XkbSASetGroup(a,g)      ((a)->group_XXX=(g))
#define XkbSASetScreen(a,s)     ((a)->screenXXX= ((s)&0xff))
#define  XkbSASetPtrDfltValue(a,c)               ((a)->valueXXX=
((c)&0xff))
#define XkbAX_NeedOption(c,w)   ((c)->ax_options&(w))
#define       XkbAX_AnyFeedback(c)                          ((c)-
>enabled_ctrls&XkbAccessXFeedbackMask)
#define XkbNumKeys(d)   ((d)->max_key_code-(d)->min_key_code+1)
#define XkbKeyHasActions(d,k)   ((d)->server->key_acts[k]!=0)
#define XkbNumGroups(g) ((g)&0x0f)
#define XkbOutOfRangeGroupAction(g)     ((g)&0xc0)
#define XkbOutOfRangeGroupInfo(g)       ((g)&0xf0)
#define XkbCMKeyGroupInfo(m,k)  ((m)->key_sym_map[k].group_info)
#define   XkbCMKeyTypeIndex(m,k,g)                         ((m)-
>key_sym_map[k].kt_index[g&0x3])
#define XkbCMKeySymsOffset(m,k) ((m)->key_sym_map[k].offset)
#define   XkbCMKeyGroupsWidth(m,k)                         ((m)-
>key_sym_map[k].width)
#define  XkbStateGroup(s)                  ((s)->base_group+(s)-
>latched_group+XkbGroupLock(s))
```

```
#define     XkbStateMods(s)     ((s)->base_mods|(s)->latched_mods|
XkbModLocks(s))
#define XkbGroupLock(s) ((s)->locked_group)
#define XkbModLocks(s)  ((s)->locked_mods)
#define  XkbModActionVMods(a)      ((short)(((a)->vmods1<<8)|((a)-
>vmods2)))
#define Xkb2CharsToInt(h,l)     ((short)(((h)<<8)|(l)))
#define     XkbCharToInt(v)     ((v)&0x80?(int)((v)|(~0xff)):(int)
((v)&0x7f))
#define  XkbPtrActionX(a)           (Xkb2CharsToInt((a)->high_XXX,
(a)->low_XXX))
#define  XkbPtrActionY(a)           (Xkb2CharsToInt((a)->high_YYY,
(a)->low_YYY))
#define                                    XkbAX_NeedFeedback(c,w)
(XkbAX_AnyFeedback(c)&&XkbAX_NeedOption(c,w))
#define XkbSAGroup(a)   (XkbCharToInt((a)->group_XXX))
#define XkbSAScreen(a)  (XkbCharToInt((a)->screenXXX))
#define XkbSAPtrDfltValue(a)    (XkbCharToInt((a)->valueXXX))
#define XkbKeyGroupInfo(d,k)    (XkbCMKeyGroupInfo((d)->map,(k)))
#define XkbKeyGroupsWidth(d,k)  (XkbCMKeyGroupsWidth((d)->map,k))
#define                                     XkbCMKeyNumSyms(m,k)
(XkbCMKeyGroupsWidth(m,k)*XkbCMKeyNumGroups(m,k))
#define      XkbKeyGroupWidth(d,k,g)      (XkbCMKeyGroupWidth((d)-
>map,k,g))
#define XkbKeyNumGroups(d,k)    (XkbCMKeyNumGroups((d)->map,(k)))
#define XkbKeyNumSyms(d,k)      (XkbCMKeyNumSyms((d)->map,(k)))
#define XkbKeySymsPtr(d,k)      (XkbCMKeySymsPtr((d)->map,(k)))
#define XkbKeyKeyType(d,k,g)    (XkbCMKeyType((d)->map,k,g))
#define  XkbCMKeyGroupWidth(m,k,g)           (XkbCMKeyType(m,k,g)-
>num_levels)
#define  XkbKeyKeyTypeIndex(d,k,g)         (XkbCMKeyTypeIndex((d)-
>map,k,g))
#define  XkbSetPtrActionX(a,x)    (XkbIntTo2Chars(x,(a)->high_XXX,
(a)->low_XXX))
#define  XkbSetPtrActionY(a,y)    (XkbIntTo2Chars(y,(a)->high_YYY,
(a)->low_YYY))
#define  XkbKeyActionEntry(d,k,sl,g)       (XkbKeyHasActions(d,k)?
XkbKeyAction(d,k,((XkbKeyGroupsWidth(d,k)*(g))+(sl))):NULL)
#define   XkbKeyAction(d,k,n)              (XkbKeyHasActions(d,k)?
&XkbKeyActionsPtr(d,k)[n]:NULL)
#define    XkbKeyNumActions(d,k)           (XkbKeyHasActions(d,k)?
XkbKeyNumSyms(d,k):1)
#define  XkbKeySymEntry(d,k,sl,g)                 (XkbKeySym(d,k,
((XkbKeyGroupsWidth(d,k)*(g))+(sl))))
#define XkbKeySym(d,k,n)        (XkbKeySymsPtr(d,k)[n])
#define      XkbCMKeyNumGroups(m,k)             (XkbNumGroups((m)-
>key_sym_map[k].group_info))
#define   XkbKeyActionsPtr(d,k)          (XkbSMKeyActionsPtr((d)-
>server,k))
#define                                     XkbXI_LegalDevBtn(d,b)
(XkbXI_DevHasBtnActs(d)&&((b)<(d)->num_btns))
#define XkbAnyActionDataSize    7
#define XkbGrabStateFromRec(s)  XkbBuildCoreState((s)->grab_mods,
(s)->group)
#define       XkbStateFieldFromRec(s)       XkbBuildCoreState((s)-
>lookup_mods,(s)->group)

typedef struct _XkbStateRec {
    unsigned char group;
    unsigned char locked_group;
    unsigned short base_group;
    unsigned short latched_group;
    unsigned char mods;
    unsigned char base_mods;
    unsigned char latched_mods;
    unsigned char locked_mods;
```

```
    unsigned char compat_state;
    unsigned char grab_mods;
    unsigned char compat_grab_mods;
    unsigned char lookup_mods;
    unsigned char compat_lookup_mods;
    unsigned short ptr_buttons;
} XkbStateRec;
typedef struct _XkbStateRec *XkbStatePtr;
typedef struct _XkbMods *XkbModsPtr;
typedef struct _XkbMods {
    unsigned char mask;
    unsigned char real_mods;
    unsigned short vmods;
} XkbModsRec;
typedef struct _XkbKTMapEntry {
    int active;
    unsigned char level;
    XkbModsRec mods;
} XkbKTMapEntryRec;
typedef struct _XkbKTMapEntry *XkbKTMapEntryPtr;
typedef struct _XkbKeyType {
    XkbModsRec mods;
    unsigned char num_levels;
    unsigned char map_count;
    XkbKTMapEntryPtr map;
    XkbModsPtr preserve;
    Atom name;
    Atom *level_names;
} XkbKeyTypeRec;
typedef struct _XkbKeyType *XkbKeyTypePtr;
typedef struct _XkbBehavior {
    unsigned char type;
    unsigned char data;
} XkbBehavior;
typedef struct _XkbAnyAction {
    unsigned char type;
    unsigned char data[8];
} XkbAnyAction;
typedef struct _XkbModAction {
    unsigned char type;
    unsigned char flags;
    unsigned char mask;
    unsigned char real_mods;
    unsigned char vmods1;
    unsigned char vmods2;
} XkbModAction;
typedef struct _XkbGroupAction {
    unsigned char type;
    unsigned char flags;
    char group_XXX;
} XkbGroupAction;
typedef struct _XkbISOAction {
    unsigned char type;
    unsigned char flags;
    unsigned char mask;
    unsigned char real_mods;
    char group_XXX;
    unsigned char affect;
    unsigned char vmods1;
    unsigned char vmods2;
} XkbISOAction;
typedef struct _XkbPtrAction {
    unsigned char type;
    unsigned char flags;
    unsigned char high_XXX;
    unsigned char low_XXX;
```

```
    unsigned char high_YYY;
    unsigned char low_YYY;
} XkbPtrAction;
typedef struct _XkbPtrBtnAction {
    unsigned char type;
    unsigned char flags;
    unsigned char count;
    unsigned char button;
} XkbPtrBtnAction;
typedef struct _XkbPtrDfltAction {
    unsigned char type;
    unsigned char flags;
    unsigned char affect;
    char valueXXX;
} XkbPtrDfltAction;
typedef struct _XkbSwitchScreenAction {
    unsigned char type;
    unsigned char flags;
    char screenXXX;
} XkbSwitchScreenAction;
typedef struct _XkbCtrlsAction {
    unsigned char type;
    unsigned char flags;
    unsigned char ctrls3;
    unsigned char ctrls2;
    unsigned char ctrls1;
    unsigned char ctrls0;
} XkbCtrlsAction;
typedef struct _XkbMessageAction {
    unsigned char type;
    unsigned char flags;
    unsigned char message[6];
} XkbMessageAction;
typedef struct _XkbRedirectKeyAction {
    unsigned char type;
    unsigned char new_key;
    unsigned char mods_mask;
    unsigned char mods;
    unsigned char vmods_mask0;
    unsigned char vmods_mask1;
    unsigned char vmods0;
    unsigned char vmods1;
} XkbRedirectKeyAction;
typedef struct _XkbDeviceBtnAction {
    unsigned char type;
    unsigned char flags;
    unsigned char count;
    unsigned char button;
    unsigned char device;
} XkbDeviceBtnAction;
typedef struct _XkbDeviceValuatorAction {
    unsigned char type;
    unsigned char device;
    unsigned char v1_what;
    unsigned char v1_ndx;
    unsigned char v1_value;
    unsigned char v2_what;
    unsigned char v2_ndx;
    unsigned char v2_value;
} XkbDeviceValuatorAction;
typedef union _XkbAction {
    XkbAnyAction any;
    XkbModAction mods;
    XkbGroupAction group;
    XkbISOAction iso;
    XkbPtrAction ptr;
```

```
    XkbPtrBtnAction btn;
    XkbPtrDfltAction dflt;
    XkbSwitchScreenAction screen;
    XkbCtrlsAction ctrls;
    XkbMessageAction msg;
    XkbRedirectKeyAction redirect;
    XkbDeviceBtnAction devbtn;
    XkbDeviceValuatorAction devval;
    unsigned char type;
} XkbAction;
typedef struct _XkbControls {
    unsigned char mk_dflt_btn;
    unsigned char num_groups;
    unsigned char groups_wrap;
    XkbModsRec internal;
    XkbModsRec ignore_lock;
    unsigned int enabled_ctrls;
    unsigned short repeat_delay;
    unsigned short repeat_interval;
    unsigned short slow_keys_delay;
    unsigned short debounce_delay;
    unsigned short mk_delay;
    unsigned short mk_interval;
    unsigned short mk_time_to_max;
    unsigned short mk_max_speed;
    short mk_curve;
    unsigned short ax_options;
    unsigned short ax_timeout;
    unsigned short axt_opts_mask;
    unsigned short axt_opts_values;
    unsigned int axt_ctrls_mask;
    unsigned int axt_ctrls_values;
    unsigned char per_key_repeat[32];
} XkbControlsRec;
typedef struct _XkbControls *XkbControlsPtr;
typedef struct _XkbServerMapRec {
    unsigned short num_acts;
    unsigned short size_acts;
    XkbAction *acts;
    XkbBehavior *behaviors;
    unsigned short *key_acts;
#if defined(__cplusplus) || defined(c_plusplus)
    unsigned char *c_explicit;
#else
    unsigned char *explicit;
#endif
    unsigned char vmods[16];
    unsigned short *vmodmap;
} XkbServerMapRec;
typedef struct _XkbServerMapRec *XkbServerMapPtr;
typedef struct _XkbSymMapRec {
    unsigned char kt_index[4];
    unsigned char group_info;
    unsigned char width;
    unsigned short offset;
} XkbSymMapRec;
typedef struct _XkbSymMapRec *XkbSymMapPtr;
typedef struct _XkbClientMapRec {
    unsigned char size_types;
    unsigned char num_types;
    XkbKeyTypePtr types;
    unsigned short size_syms;
    unsigned short num_syms;
    KeySym *syms;
    XkbSymMapPtr key_sym_map;
    unsigned char *modmap;
```

```
} XkbClientMapRec;
typedef struct _XkbClientMapRec *XkbClientMapPtr;
typedef struct _XkbSymInterpretRec {
    KeySym sym;
    unsigned char flags;
    unsigned char match;
    unsigned char mods;
    unsigned char virtual_mod;
    XkbAnyAction act;
} XkbSymInterpretRec;
typedef struct _XkbSymInterpretRec *XkbSymInterpretPtr;
typedef struct _XkbCompatMapRec {
    XkbSymInterpretPtr sym_interpret;
    XkbModsRec groups[4];
    unsigned short num_si;
    unsigned short size_si;
} XkbCompatMapRec;
typedef struct _XkbCompatMapRec *XkbCompatMapPtr;
typedef struct _XkbIndicatorMapRec *XkbIndicatorMapPtr;
typedef struct _XkbIndicatorMapRec {
    unsigned char flags;
    unsigned char which_groups;
    unsigned char groups;
    unsigned char which_mods;
    XkbModsRec mods;
    unsigned int ctrls;
} XkbIndicatorMapRec;
typedef struct _XkbIndicatorRec {
    unsigned long int phys_indicators;
    XkbIndicatorMapRec maps[32];
} XkbIndicatorRec;
typedef struct _XkbIndicatorRec *XkbIndicatorPtr;
typedef struct _XkbKeyNameRec {
    char name[4];
} XkbKeyNameRec;
typedef struct _XkbKeyNameRec *XkbKeyNamePtr;
typedef struct _XkbKeyAliasRec {
    char real[4];
    char alias[4];
} XkbKeyAliasRec;
typedef struct _XkbKeyAliasRec *XkbKeyAliasPtr;
typedef struct _XkbNamesRec {
    Atom keycodes;
    Atom geometry;
    Atom symbols;
    Atom types;
    Atom compat;
    Atom vmods[16];
    Atom indicators[32];
    Atom groups[4];
    XkbKeyNamePtr keys;
    XkbKeyAliasPtr key_aliases;
    Atom *radio_groups;
    Atom phys_symbols;
    unsigned char num_keys;
    unsigned char num_key_aliases;
    unsigned short num_rg;
} XkbNamesRec;
typedef struct _XkbNamesRec *XkbNamesPtr;
typedef struct _XkbGeometry *XkbGeometryPtr;
typedef struct _XkbDesc {
    struct _XDisplay *dpy;
    unsigned short flags;
    unsigned short device_spec;
    KeyCode min_key_code;
    KeyCode max_key_code;
```

```
    XkbControlsPtr ctrls;
    XkbServerMapPtr server;
    XkbClientMapPtr map;
    XkbIndicatorPtr indicators;
    XkbNamesPtr names;
    XkbCompatMapPtr compat;
    XkbGeometryPtr geom;
} XkbDescRec;
typedef struct _XkbDesc *XkbDescPtr;
typedef struct _XkbMapChanges *XkbMapChangesPtr;
typedef struct _XkbMapChanges {
    unsigned short changed;
    KeyCode min_key_code;
    KeyCode max_key_code;
    unsigned char first_type;
    unsigned char num_types;
    KeyCode first_key_sym;
    unsigned char num_key_syms;
    KeyCode first_key_act;
    unsigned char num_key_acts;
    KeyCode first_key_behavior;
    unsigned char num_key_behaviors;
    KeyCode first_key_explicit;
    unsigned char num_key_explicit;
    KeyCode first_modmap_key;
    unsigned char num_modmap_keys;
    KeyCode first_vmodmap_key;
    unsigned char num_vmodmap_keys;
    unsigned char pad;
    unsigned short vmods;
} XkbMapChangesRec;
typedef struct _XkbControlsChanges *XkbControlsChangesPtr;
typedef struct _XkbControlsChanges {
    unsigned int changed_ctrls;
    unsigned int enabled_ctrls_changes;
    int num_groups_changed;
} XkbControlsChangesRec;
typedef struct _XkbIndicatorChanges *XkbIndicatorChangesPtr;
typedef struct _XkbIndicatorChanges {
    unsigned int state_changes;
    unsigned int map_changes;
} XkbIndicatorChangesRec;
typedef struct _XkbNameChanges {
    unsigned int changed;
    unsigned char first_type;
    unsigned char num_types;
    unsigned char first_lvl;
    unsigned char num_lvls;
    unsigned char num_aliases;
    unsigned char num_rg;
    unsigned char first_key;
    unsigned char num_keys;
    unsigned short changed_vmods;
    unsigned long int changed_indicators;
    unsigned char changed_groups;
} XkbNameChangesRec;
typedef struct _XkbNameChanges *XkbNameChangesPtr;
typedef struct _XkbCompatChanges {
    unsigned char changed_groups;
    unsigned short first_si;
    unsigned short num_si;
} XkbCompatChangesRec;
typedef struct _XkbCompatChanges *XkbCompatChangesPtr;
typedef struct _XkbChanges {
    unsigned short device_spec;
    unsigned short state_changes;
```

```
    XkbMapChangesRec map;
    XkbControlsChangesRec ctrls;
    XkbIndicatorChangesRec indicators;
    XkbNameChangesRec names;
    XkbCompatChangesRec compat;
} XkbChangesRec;
typedef struct _XkbChanges *XkbChangesPtr;
typedef struct _XkbComponentNames {
    char *keymap;
    char *keycodes;
    char *types;
    char *compat;
    char *symbols;
    char *geometry;
} XkbComponentNamesRec;
typedef struct _XkbComponentNames *XkbComponentNamesPtr;
typedef struct _XkbComponentName {
    unsigned short flags;
    char *name;
} XkbComponentNameRec;
typedef struct _XkbComponentName *XkbComponentNamePtr;
typedef struct _XkbComponentList {
    int num_keymaps;
    int num_keycodes;
    int num_types;
    int num_compat;
    int num_symbols;
    int num_geometry;
    XkbComponentNamePtr keymaps;
    XkbComponentNamePtr keycodes;
    XkbComponentNamePtr types;
    XkbComponentNamePtr compat;
    XkbComponentNamePtr symbols;
    XkbComponentNamePtr geometry;
} XkbComponentListRec;
typedef struct _XkbComponentList *XkbComponentListPtr;
typedef struct _XkbDeviceLedInfo {
    unsigned short led_class;
    unsigned short led_id;
    unsigned int phys_indicators;
    unsigned int maps_present;
    unsigned int names_present;
    unsigned int state;
    Atom names[32];
    XkbIndicatorMapRec maps[32];
} XkbDeviceLedInfoRec;
typedef struct _XkbDeviceLedInfo *XkbDeviceLedInfoPtr;
typedef struct _XkbDeviceInfo {
    char *name;
    Atom type;
    unsigned short device_spec;
    int has_own_state;
    unsigned short supported;
    unsigned short unsupported;
    unsigned short num_btns;
    XkbAction *btn_acts;
    unsigned short sz_leds;
    unsigned short num_leds;
    unsigned short dflt_kbd_fb;
    unsigned short dflt_led_fb;
    XkbDeviceLedInfoPtr leds;
} XkbDeviceInfoRec;
typedef struct _XkbDeviceInfo *XkbDeviceInfoPtr;
typedef struct _XkbDeviceLedChanges {
    unsigned short led_class;
    unsigned short led_id;
```

```
    unsigned int defined;
    struct _XkbDeviceLedChanges *next;
} XkbDeviceLedChangesRec;
typedef struct _XkbDeviceLedChanges *XkbDeviceLedChangesPtr;
typedef struct _XkbDeviceChanges {
    unsigned int changed;
    unsigned short first_btn;
    unsigned short num_btns;
    XkbDeviceLedChangesRec leds;
} XkbDeviceChangesRec;
typedef struct _XkbDeviceChanges *XkbDeviceChangesPtr;
```

6.2.19 X11/extensions/securstr.h

```
#define SECURITY_MINOR_VERSION  0
#define X_SecurityQueryVersion  0
#define SECURITY_MAJOR_VERSION  1
#define X_SecurityGenerateAuthorization 1
#define _SECURSTR_H     1
#define sz_xSecurityGenerateAuthorizationReq    12
#define X_SecurityRevokeAuthorization   2
#define sz_xSecurityAuthorizationRevokedEvent   32
#define sz_xSecurityGenerateAuthorizationReply  32
#define sz_xSecurityQueryVersionReply   32
#define sz_xSecurityQueryVersionReq     8
#define sz_xSecurityRevokeAuthorizationReq      8
#define SECURITY_EXTENSION_NAME "SECURITY"

typedef struct {
    CARD8 reqType;
    CARD8 securityReqType;
    CARD16 length;
    CARD16 majorVersion;
    CARD16 minorVersion;
} xSecurityQueryVersionReq;
typedef struct {
    CARD8 type;
    CARD8 pad0;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 majorVersion;
    CARD16 minorVersion;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xSecurityQueryVersionReply;
typedef struct {
    CARD8 reqType;
    CARD8 securityReqType;
    CARD16 length;
    CARD16 nbytesAuthProto;
    CARD16 nbytesAuthData;
    CARD32 valueMask;
} xSecurityGenerateAuthorizationReq;
typedef struct {
    CARD8 type;
    CARD8 pad0;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 authId;
    CARD16 dataLength;
    CARD16 pad1;
```

```
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xSecurityGenerateAuthorizationReply;
typedef struct {
    CARD8 reqType;
    CARD8 securityReqType;
    CARD16 length;
    CARD32 authId;
} xSecurityRevokeAuthorizationReq;
typedef struct _xSecurityAuthorizationRevokedEvent {
    BYTE type;
    BYTE detail;
    CARD16 sequenceNumber;
    CARD32 authId;
    CARD32 pad0;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xSecurityAuthorizationRevokedEvent;
```

6.2.20 X11/keysym.h

```
#define XK_ARABIC
#define XK_ARMENIAN
#define XK_BRAILLE
#define XK_CAUCASUS
#define XK_CURRENCY
#define XK_CYRILLIC
#define XK_GEORGIAN
#define XK_GREEK
#define XK_HEBREW
#define XK_KATAKANA
#define XK_KOREAN
#define XK_LATIN1
#define XK_LATIN2
#define XK_LATIN3
#define XK_LATIN4
#define XK_LATIN8
#define XK_LATIN9
#define XK_MATHEMATICAL
#define XK_THAI
#define XK_VIETNAMESE
#define XK_XKB_KEYS
```

6.2.21 X11/keysymdef.h

```
#define XK_space        0x0020
#define XK_exclam       0x0021
#define XK_quotedbl     0x0022
#define XK_numbersign   0x0023
#define XK_dollar       0x0024
#define XK_percent      0x0025
#define XK_ampersand    0x0026
#define XK_apostrophe   0x0027
#define XK_quoteright   0x0027
#define XK_parenleft    0x0028
#define XK_parenright   0x0029
#define XK_asterisk     0x002a
#define XK_plus 0x002b
```

```
#define XK_comma        0x002c
#define XK_minus        0x002d
#define XK_period       0x002e
#define XK_slash        0x002f
#define XK_0    0x0030
#define XK_1    0x0031
#define XK_2    0x0032
#define XK_3    0x0033
#define XK_4    0x0034
#define XK_5    0x0035
#define XK_6    0x0036
#define XK_7    0x0037
#define XK_8    0x0038
#define XK_9    0x0039
#define XK_colon        0x003a
#define XK_semicolon    0x003b
#define XK_less 0x003c
#define XK_equal        0x003d
#define XK_greater      0x003e
#define XK_question     0x003f
#define XK_at   0x0040
#define XK_A    0x0041
#define XK_B    0x0042
#define XK_C    0x0043
#define XK_D    0x0044
#define XK_E    0x0045
#define XK_F    0x0046
#define XK_G    0x0047
#define XK_H    0x0048
#define XK_I    0x0049
#define XK_J    0x004a
#define XK_K    0x004b
#define XK_L    0x004c
#define XK_M    0x004d
#define XK_N    0x004e
#define XK_O    0x004f
#define XK_P    0x0050
#define XK_Q    0x0051
#define XK_R    0x0052
#define XK_S    0x0053
#define XK_T    0x0054
#define XK_U    0x0055
#define XK_V    0x0056
#define XK_W    0x0057
#define XK_X    0x0058
#define XK_Y    0x0059
#define XK_Z    0x005a
#define XK_bracketleft  0x005b
#define XK_backslash    0x005c
#define XK_bracketright 0x005d
#define XK_asciicircum  0x005e
#define XK_underscore   0x005f
#define XK_grave        0x0060
#define XK_quoteleft    0x0060
#define XK_a    0x0061
#define XK_b    0x0062
#define XK_c    0x0063
#define XK_d    0x0064
#define XK_e    0x0065
#define XK_f    0x0066
#define XK_g    0x0067
#define XK_h    0x0068
#define XK_i    0x0069
#define XK_j    0x006a
#define XK_k    0x006b
#define XK_l    0x006c
```

```
#define XK_m    0x006d
#define XK_n    0x006e
#define XK_o    0x006f
#define XK_p    0x0070
#define XK_q    0x0071
#define XK_r    0x0072
#define XK_s    0x0073
#define XK_t    0x0074
#define XK_u    0x0075
#define XK_v    0x0076
#define XK_w    0x0077
#define XK_x    0x0078
#define XK_y    0x0079
#define XK_z    0x007a
#define XK_braceleft    0x007b
#define XK_bar  0x007c
#define XK_braceright   0x007d
#define XK_asciitilde   0x007e
#define XK_nobreakspace 0x00a0
#define XK_exclamdown   0x00a1
#define XK_cent 0x00a2
#define XK_sterling     0x00a3
#define XK_currency     0x00a4
#define XK_yen  0x00a5
#define XK_brokenbar    0x00a6
#define XK_section      0x00a7
#define XK_diaeresis    0x00a8
#define XK_copyright    0x00a9
#define XK_ordfeminine  0x00aa
#define XK_guillemotleft        0x00ab
#define XK_notsign      0x00ac
#define XK_hyphen       0x00ad
#define XK_registered   0x00ae
#define XK_macron       0x00af
#define XK_degree       0x00b0
#define XK_plusminus    0x00b1
#define XK_twosuperior  0x00b2
#define XK_threesuperior        0x00b3
#define XK_acute        0x00b4
#define XK_mu   0x00b5
#define XK_paragraph    0x00b6
#define XK_periodcentered       0x00b7
#define XK_cedilla      0x00b8
#define XK_onesuperior  0x00b9
#define XK_masculine    0x00ba
#define XK_guillemotright       0x00bb
#define XK_onequarter   0x00bc
#define XK_onehalf      0x00bd
#define XK_threequarters        0x00be
#define XK_questiondown 0x00bf
#define XK_Agrave       0x00c0
#define XK_Aacute       0x00c1
#define XK_Acircumflex  0x00c2
#define XK_Atilde       0x00c3
#define XK_Adiaeresis   0x00c4
#define XK_Aring        0x00c5
#define XK_AE   0x00c6
#define XK_Ccedilla     0x00c7
#define XK_Egrave       0x00c8
#define XK_Eacute       0x00c9
#define XK_Ecircumflex  0x00ca
#define XK_Ediaeresis   0x00cb
#define XK_Igrave       0x00cc
#define XK_Iacute       0x00cd
#define XK_Icircumflex  0x00ce
#define XK_Idiaeresis   0x00cf
```

```
#define XK_ETH  0x00d0
#define XK_Eth  0x00d0
#define XK_Ntilde       0x00d1
#define XK_Ograve       0x00d2
#define XK_Oacute       0x00d3
#define XK_Ocircumflex  0x00d4
#define XK_Otilde       0x00d5
#define XK_Odiaeresis   0x00d6
#define XK_multiply     0x00d7
#define XK_Ooblique     0x00d8
#define XK_Oslash       0x00d8
#define XK_Ugrave       0x00d9
#define XK_Uacute       0x00da
#define XK_Ucircumflex  0x00db
#define XK_Udiaeresis   0x00dc
#define XK_Yacute       0x00dd
#define XK_THORN        0x00de
#define XK_Thorn        0x00de
#define XK_ssharp       0x00df
#define XK_agrave       0x00e0
#define XK_aacute       0x00e1
#define XK_acircumflex  0x00e2
#define XK_atilde       0x00e3
#define XK_adiaeresis   0x00e4
#define XK_aring        0x00e5
#define XK_ae   0x00e6
#define XK_ccedilla     0x00e7
#define XK_egrave       0x00e8
#define XK_eacute       0x00e9
#define XK_ecircumflex  0x00ea
#define XK_ediaeresis   0x00eb
#define XK_igrave       0x00ec
#define XK_iacute       0x00ed
#define XK_icircumflex  0x00ee
#define XK_idiaeresis   0x00ef
#define XK_eth  0x00f0
#define XK_ntilde       0x00f1
#define XK_ograve       0x00f2
#define XK_oacute       0x00f3
#define XK_ocircumflex  0x00f4
#define XK_otilde       0x00f5
#define XK_odiaeresis   0x00f6
#define XK_division     0x00f7
#define XK_ooblique     0x00f8
#define XK_oslash       0x00f8
#define XK_ugrave       0x00f9
#define XK_uacute       0x00fa
#define XK_ucircumflex  0x00fb
#define XK_udiaeresis   0x00fc
#define XK_yacute       0x00fd
#define XK_thorn        0x00fe
#define XK_ydiaeresis   0x00ff
#define XK_Aogonek      0x01a1
#define XK_breve        0x01a2
#define XK_Lstroke      0x01a3
#define XK_Lcaron       0x01a5
#define XK_Sacute       0x01a6
#define XK_Scaron       0x01a9
#define XK_Scedilla     0x01aa
#define XK_Tcaron       0x01ab
#define XK_Zacute       0x01ac
#define XK_Zcaron       0x01ae
#define XK_Zabovedot    0x01af
#define XK_aogonek      0x01b1
#define XK_ogonek       0x01b2
#define XK_lstroke      0x01b3
```

```
#define XK_lcaron       0x01b5
#define XK_sacute       0x01b6
#define XK_caron        0x01b7
#define XK_scaron       0x01b9
#define XK_scedilla     0x01ba
#define XK_tcaron       0x01bb
#define XK_zacute       0x01bc
#define XK_doubleacute  0x01bd
#define XK_zcaron       0x01be
#define XK_zabovedot    0x01bf
#define XK_Racute       0x01c0
#define XK_Abreve       0x01c3
#define XK_Lacute       0x01c5
#define XK_Cacute       0x01c6
#define XK_Ccaron       0x01c8
#define XK_Eogonek      0x01ca
#define XK_Ecaron       0x01cc
#define XK_Dcaron       0x01cf
#define XK_Dstroke      0x01d0
#define XK_Nacute       0x01d1
#define XK_Ncaron       0x01d2
#define XK_Odoubleacute 0x01d5
#define XK_Rcaron       0x01d8
#define XK_Uring        0x01d9
#define XK_Udoubleacute 0x01db
#define XK_Tcedilla     0x01de
#define XK_racute       0x01e0
#define XK_abreve       0x01e3
#define XK_lacute       0x01e5
#define XK_cacute       0x01e6
#define XK_ccaron       0x01e8
#define XK_eogonek      0x01ea
#define XK_ecaron       0x01ec
#define XK_dcaron       0x01ef
#define XK_dstroke      0x01f0
#define XK_nacute       0x01f1
#define XK_ncaron       0x01f2
#define XK_odoubleacute 0x01f5
#define XK_rcaron       0x01f8
#define XK_uring        0x01f9
#define XK_udoubleacute 0x01fb
#define XK_tcedilla     0x01fe
#define XK_abovedot     0x01ff
#define XK_Hstroke      0x02a1
#define XK_Hcircumflex  0x02a6
#define XK_Iabovedot    0x02a9
#define XK_Gbreve       0x02ab
#define XK_Jcircumflex  0x02ac
#define XK_hstroke      0x02b1
#define XK_hcircumflex  0x02b6
#define XK_idotless     0x02b9
#define XK_gbreve       0x02bb
#define XK_jcircumflex  0x02bc
#define XK_Cabovedot    0x02c5
#define XK_Ccircumflex  0x02c6
#define XK_Gabovedot    0x02d5
#define XK_Gcircumflex  0x02d8
#define XK_Ubreve       0x02dd
#define XK_Scircumflex  0x02de
#define XK_cabovedot    0x02e5
#define XK_ccircumflex  0x02e6
#define XK_gabovedot    0x02f5
#define XK_gcircumflex  0x02f8
#define XK_ubreve       0x02fd
#define XK_scircumflex  0x02fe
#define XK_kappa        0x03a2
```

© 2008 Linux Foundation

```
#define XK_kra  0x03a2
#define XK_Rcedilla     0x03a3
#define XK_Itilde       0x03a5
#define XK_Lcedilla     0x03a6
#define XK_Emacron      0x03aa
#define XK_Gcedilla     0x03ab
#define XK_Tslash       0x03ac
#define XK_rcedilla     0x03b3
#define XK_itilde       0x03b5
#define XK_lcedilla     0x03b6
#define XK_emacron      0x03ba
#define XK_gcedilla     0x03bb
#define XK_tslash       0x03bc
#define XK_ENG  0x03bd
#define XK_eng  0x03bf
#define XK_Amacron      0x03c0
#define XK_Iogonek      0x03c7
#define XK_Eabovedot    0x03cc
#define XK_Imacron      0x03cf
#define XK_Ncedilla     0x03d1
#define XK_Omacron      0x03d2
#define XK_Kcedilla     0x03d3
#define XK_Uogonek      0x03d9
#define XK_Utilde       0x03dd
#define XK_Umacron      0x03de
#define XK_amacron      0x03e0
#define XK_iogonek      0x03e7
#define XK_eabovedot    0x03ec
#define XK_imacron      0x03ef
#define XK_ncedilla     0x03f1
#define XK_omacron      0x03f2
#define XK_kcedilla     0x03f3
#define XK_uogonek      0x03f9
#define XK_utilde       0x03fd
#define XK_umacron      0x03fe
#define XK_overline     0x047e
#define XK_kana_fullstop        0x04a1
#define XK_kana_openingbracket  0x04a2
#define XK_kana_closingbracket  0x04a3
#define XK_kana_comma   0x04a4
#define XK_kana_conjunctive     0x04a5
#define XK_kana_middledot       0x04a5
#define XK_kana_WO      0x04a6
#define XK_kana_a       0x04a7
#define XK_kana_i       0x04a8
#define XK_kana_u       0x04a9
#define XK_kana_e       0x04aa
#define XK_kana_o       0x04ab
#define XK_kana_ya      0x04ac
#define XK_kana_yu      0x04ad
#define XK_kana_yo      0x04ae
#define XK_kana_tsu     0x04af
#define XK_kana_tu      0x04af
#define XK_prolongedsound       0x04b0
#define XK_kana_A       0x04b1
#define XK_kana_I       0x04b2
#define XK_kana_U       0x04b3
#define XK_kana_E       0x04b4
#define XK_kana_O       0x04b5
#define XK_kana_KA      0x04b6
#define XK_kana_KI      0x04b7
#define XK_kana_KU      0x04b8
#define XK_kana_KE      0x04b9
#define XK_kana_KO      0x04ba
#define XK_kana_SA      0x04bb
#define XK_kana_SHI     0x04bc
```

```
#define XK_kana_SU      0x04bd
#define XK_kana_SE      0x04be
#define XK_kana_SO      0x04bf
#define XK_kana_TA      0x04c0
#define XK_kana_CHI     0x04c1
#define XK_kana_TI      0x04c1
#define XK_kana_TSU     0x04c2
#define XK_kana_TU      0x04c2
#define XK_kana_TE      0x04c3
#define XK_kana_TO      0x04c4
#define XK_kana_NA      0x04c5
#define XK_kana_NI      0x04c6
#define XK_kana_NU      0x04c7
#define XK_kana_NE      0x04c8
#define XK_kana_NO      0x04c9
#define XK_kana_HA      0x04ca
#define XK_kana_HI      0x04cb
#define XK_kana_FU      0x04cc
#define XK_kana_HU      0x04cc
#define XK_kana_HE      0x04cd
#define XK_kana_HO      0x04ce
#define XK_kana_MA      0x04cf
#define XK_kana_MI      0x04d0
#define XK_kana_MU      0x04d1
#define XK_kana_ME      0x04d2
#define XK_kana_MO      0x04d3
#define XK_kana_YA      0x04d4
#define XK_kana_YU      0x04d5
#define XK_kana_YO      0x04d6
#define XK_kana_RA      0x04d7
#define XK_kana_RI      0x04d8
#define XK_kana_RU      0x04d9
#define XK_kana_RE      0x04da
#define XK_kana_RO      0x04db
#define XK_kana_WA      0x04dc
#define XK_kana_N       0x04dd
#define XK_voicedsound  0x04de
#define XK_semivoicedsound      0x04df
#define XK_Arabic_comma 0x05ac
#define XK_Arabic_semicolon     0x05bb
#define XK_Arabic_question_mark 0x05bf
#define XK_Arabic_hamza 0x05c1
#define XK_Arabic_maddaonalef   0x05c2
#define XK_Arabic_hamzaonalef   0x05c3
#define XK_Arabic_hamzaonwaw    0x05c4
#define XK_Arabic_hamzaunderalef        0x05c5
#define XK_Arabic_hamzaonyeh    0x05c6
#define XK_Arabic_alef  0x05c7
#define XK_Arabic_beh   0x05c8
#define XK_Arabic_tehmarbuta    0x05c9
#define XK_Arabic_teh   0x05ca
#define XK_Arabic_theh  0x05cb
#define XK_Arabic_jeem  0x05cc
#define XK_Arabic_hah   0x05cd
#define XK_Arabic_khah  0x05ce
#define XK_Arabic_dal   0x05cf
#define XK_Arabic_thal  0x05d0
#define XK_Arabic_ra    0x05d1
#define XK_Arabic_zain  0x05d2
#define XK_Arabic_seen  0x05d3
#define XK_Arabic_sheen 0x05d4
#define XK_Arabic_sad   0x05d5
#define XK_Arabic_dad   0x05d6
#define XK_Arabic_tah   0x05d7
#define XK_Arabic_zah   0x05d8
#define XK_Arabic_ain   0x05d9
```

```
#define XK_Arabic_ghain 0x05da
#define XK_Arabic_tatweel       0x05e0
#define XK_Arabic_feh   0x05e1
#define XK_Arabic_qaf   0x05e2
#define XK_Arabic_kaf   0x05e3
#define XK_Arabic_lam   0x05e4
#define XK_Arabic_meem  0x05e5
#define XK_Arabic_noon  0x05e6
#define XK_Arabic_ha    0x05e7
#define XK_Arabic_heh   0x05e7
#define XK_Arabic_waw   0x05e8
#define XK_Arabic_alefmaksura   0x05e9
#define XK_Arabic_yeh   0x05ea
#define XK_Arabic_fathatan      0x05eb
#define XK_Arabic_dammatan      0x05ec
#define XK_Arabic_kasratan      0x05ed
#define XK_Arabic_fatha 0x05ee
#define XK_Arabic_damma 0x05ef
#define XK_Arabic_kasra 0x05f0
#define XK_Arabic_shadda        0x05f1
#define XK_Arabic_sukun 0x05f2
#define XK_Serbian_dje  0x06a1
#define XK_Macedonia_gje        0x06a2
#define XK_Cyrillic_io  0x06a3
#define XK_Ukrainian_ie 0x06a4
#define XK_Ukranian_je  0x06a4
#define XK_Macedonia_dse        0x06a5
#define XK_Ukrainian_i  0x06a6
#define XK_Ukranian_i   0x06a6
#define XK_Ukrainian_yi 0x06a7
#define XK_Ukranian_yi  0x06a7
#define XK_Cyrillic_je  0x06a8
#define XK_Serbian_je   0x06a8
#define XK_Cyrillic_lje 0x06a9
#define XK_Serbian_lje  0x06a9
#define XK_Cyrillic_nje 0x06aa
#define XK_Serbian_nje  0x06aa
#define XK_Serbian_tshe 0x06ab
#define XK_Macedonia_kje        0x06ac
#define XK_Ukrainian_ghe_with_upturn    0x06ad
#define XK_Byelorussian_shortu  0x06ae
#define XK_Cyrillic_dzhe        0x06af
#define XK_Serbian_dze  0x06af
#define XK_numerosign   0x06b0
#define XK_Serbian_DJE  0x06b1
#define XK_Macedonia_GJE        0x06b2
#define XK_Cyrillic_IO  0x06b3
#define XK_Ukrainian_IE 0x06b4
#define XK_Ukranian_JE  0x06b4
#define XK_Macedonia_DSE        0x06b5
#define XK_Ukrainian_I  0x06b6
#define XK_Ukranian_I   0x06b6
#define XK_Ukrainian_YI 0x06b7
#define XK_Ukranian_YI  0x06b7
#define XK_Cyrillic_JE  0x06b8
#define XK_Serbian_JE   0x06b8
#define XK_Cyrillic_LJE 0x06b9
#define XK_Serbian_LJE  0x06b9
#define XK_Cyrillic_NJE 0x06ba
#define XK_Serbian_NJE  0x06ba
#define XK_Serbian_TSHE 0x06bb
#define XK_Macedonia_KJE        0x06bc
#define XK_Ukrainian_GHE_WITH_UPTURN    0x06bd
#define XK_Byelorussian_SHORTU  0x06be
#define XK_Cyrillic_DZHE        0x06bf
#define XK_Serbian_DZE  0x06bf
```

```
#define XK_Cyrillic_yu  0x06c0
#define XK_Cyrillic_a   0x06c1
#define XK_Cyrillic_be  0x06c2
#define XK_Cyrillic_tse 0x06c3
#define XK_Cyrillic_de  0x06c4
#define XK_Cyrillic_ie  0x06c5
#define XK_Cyrillic_ef  0x06c6
#define XK_Cyrillic_ghe 0x06c7
#define XK_Cyrillic_ha  0x06c8
#define XK_Cyrillic_i   0x06c9
#define XK_Cyrillic_shorti      0x06ca
#define XK_Cyrillic_ka  0x06cb
#define XK_Cyrillic_el  0x06cc
#define XK_Cyrillic_em  0x06cd
#define XK_Cyrillic_en  0x06ce
#define XK_Cyrillic_o   0x06cf
#define XK_Cyrillic_pe  0x06d0
#define XK_Cyrillic_ya  0x06d1
#define XK_Cyrillic_er  0x06d2
#define XK_Cyrillic_es  0x06d3
#define XK_Cyrillic_te  0x06d4
#define XK_Cyrillic_u   0x06d5
#define XK_Cyrillic_zhe 0x06d6
#define XK_Cyrillic_ve  0x06d7
#define XK_Cyrillic_softsign    0x06d8
#define XK_Cyrillic_yeru        0x06d9
#define XK_Cyrillic_ze  0x06da
#define XK_Cyrillic_sha 0x06db
#define XK_Cyrillic_e   0x06dc
#define XK_Cyrillic_shcha       0x06dd
#define XK_Cyrillic_che 0x06de
#define XK_Cyrillic_hardsign    0x06df
#define XK_Cyrillic_YU  0x06e0
#define XK_Cyrillic_A   0x06e1
#define XK_Cyrillic_BE  0x06e2
#define XK_Cyrillic_TSE 0x06e3
#define XK_Cyrillic_DE  0x06e4
#define XK_Cyrillic_IE  0x06e5
#define XK_Cyrillic_EF  0x06e6
#define XK_Cyrillic_GHE 0x06e7
#define XK_Cyrillic_HA  0x06e8
#define XK_Cyrillic_I   0x06e9
#define XK_Cyrillic_SHORTI      0x06ea
#define XK_Cyrillic_KA  0x06eb
#define XK_Cyrillic_EL  0x06ec
#define XK_Cyrillic_EM  0x06ed
#define XK_Cyrillic_EN  0x06ee
#define XK_Cyrillic_O   0x06ef
#define XK_Cyrillic_PE  0x06f0
#define XK_Cyrillic_YA  0x06f1
#define XK_Cyrillic_ER  0x06f2
#define XK_Cyrillic_ES  0x06f3
#define XK_Cyrillic_TE  0x06f4
#define XK_Cyrillic_U   0x06f5
#define XK_Cyrillic_ZHE 0x06f6
#define XK_Cyrillic_VE  0x06f7
#define XK_Cyrillic_SOFTSIGN    0x06f8
#define XK_Cyrillic_YERU        0x06f9
#define XK_Cyrillic_ZE  0x06fa
#define XK_Cyrillic_SHA 0x06fb
#define XK_Cyrillic_E   0x06fc
#define XK_Cyrillic_SHCHA       0x06fd
#define XK_Cyrillic_CHE 0x06fe
#define XK_Cyrillic_HARDSIGN    0x06ff
#define XK_Greek_ALPHAaccent    0x07a1
#define XK_Greek_EPSILONaccent  0x07a2
```

```
#define XK_Greek_ETAaccent      0x07a3
#define XK_Greek_IOTAaccent     0x07a4
#define XK_Greek_IOTAdiaeresis  0x07a5
#define XK_Greek_IOTAdieresis   0x07a5
#define XK_Greek_OMICRONaccent  0x07a7
#define XK_Greek_UPSILONaccent  0x07a8
#define XK_Greek_UPSILONdieresis        0x07a9
#define XK_Greek_OMEGAaccent    0x07ab
#define XK_Greek_accentdieresis 0x07ae
#define XK_Greek_horizbar       0x07af
#define XK_Greek_alphaaccent    0x07b1
#define XK_Greek_epsilonaccent  0x07b2
#define XK_Greek_etaaccent      0x07b3
#define XK_Greek_iotaaccent     0x07b4
#define XK_Greek_iotadieresis   0x07b5
#define XK_Greek_iotaaccentdieresis     0x07b6
#define XK_Greek_omicronaccent  0x07b7
#define XK_Greek_upsilonaccent  0x07b8
#define XK_Greek_upsilondieresis        0x07b9
#define XK_Greek_upsilonaccentdieresis  0x07ba
#define XK_Greek_omegaaccent    0x07bb
#define XK_Greek_ALPHA  0x07c1
#define XK_Greek_BETA   0x07c2
#define XK_Greek_GAMMA  0x07c3
#define XK_Greek_DELTA  0x07c4
#define XK_Greek_EPSILON        0x07c5
#define XK_Greek_ZETA   0x07c6
#define XK_Greek_ETA    0x07c7
#define XK_Greek_THETA  0x07c8
#define XK_Greek_IOTA   0x07c9
#define XK_Greek_KAPPA  0x07ca
#define XK_Greek_LAMBDA 0x07cb
#define XK_Greek_LAMDA  0x07cb
#define XK_Greek_MU     0x07cc
#define XK_Greek_NU     0x07cd
#define XK_Greek_XI     0x07ce
#define XK_Greek_OMICRON        0x07cf
#define XK_Greek_PI     0x07d0
#define XK_Greek_RHO    0x07d1
#define XK_Greek_SIGMA  0x07d2
#define XK_Greek_TAU    0x07d4
#define XK_Greek_UPSILON        0x07d5
#define XK_Greek_PHI    0x07d6
#define XK_Greek_CHI    0x07d7
#define XK_Greek_PSI    0x07d8
#define XK_Greek_OMEGA  0x07d9
#define XK_Greek_alpha  0x07e1
#define XK_Greek_beta   0x07e2
#define XK_Greek_gamma  0x07e3
#define XK_Greek_delta  0x07e4
#define XK_Greek_epsilon        0x07e5
#define XK_Greek_zeta   0x07e6
#define XK_Greek_eta    0x07e7
#define XK_Greek_theta  0x07e8
#define XK_Greek_iota   0x07e9
#define XK_Greek_kappa  0x07ea
#define XK_Greek_lambda 0x07eb
#define XK_Greek_lamda  0x07eb
#define XK_Greek_mu     0x07ec
#define XK_Greek_nu     0x07ed
#define XK_Greek_xi     0x07ee
#define XK_Greek_omicron        0x07ef
#define XK_Greek_pi     0x07f0
#define XK_Greek_rho    0x07f1
#define XK_Greek_sigma  0x07f2
#define XK_Greek_finalsmallsigma        0x07f3
```

```
#define XK_Greek_tau    0x07f4
#define XK_Greek_upsilon        0x07f5
#define XK_Greek_phi    0x07f6
#define XK_Greek_chi    0x07f7
#define XK_Greek_psi    0x07f8
#define XK_Greek_omega  0x07f9
#define XK_leftradical  0x08a1
#define XK_topleftradical       0x08a2
#define XK_horizconnector       0x08a3
#define XK_topintegral  0x08a4
#define XK_botintegral  0x08a5
#define XK_vertconnector        0x08a6
#define XK_topleftsqbracket     0x08a7
#define XK_botleftsqbracket     0x08a8
#define XK_toprightsqbracket    0x08a9
#define XK_botrightsqbracket    0x08aa
#define XK_topleftparens        0x08ab
#define XK_botleftparens        0x08ac
#define XK_toprightparens       0x08ad
#define XK_botrightparens       0x08ae
#define XK_leftmiddlecurlybrace 0x08af
#define XK_rightmiddlecurlybrace        0x08b0
#define XK_topleftsummation     0x08b1
#define XK_botleftsummation     0x08b2
#define XK_topvertsummationconnector    0x08b3
#define XK_botvertsummationconnector    0x08b4
#define XK_toprightsummation    0x08b5
#define XK_botrightsummation    0x08b6
#define XK_rightmiddlesummation 0x08b7
#define XK_lessthanequal        0x08bc
#define XK_notequal     0x08bd
#define XK_greaterthanequal     0x08be
#define XK_integral     0x08bf
#define XK_therefore    0x08c0
#define XK_variation    0x08c1
#define XK_infinity     0x08c2
#define XK_nabla        0x08c5
#define XK_approximate  0x08c8
#define XK_similarequal 0x08c9
#define XK_ifonlyif     0x08cd
#define XK_implies      0x08ce
#define XK_identical    0x08cf
#define XK_radical      0x08d6
#define XK_includedin   0x08da
#define XK_includes     0x08db
#define XK_intersection 0x08dc
#define XK_union        0x08dd
#define XK_logicaland   0x08de
#define XK_logicalor    0x08df
#define XK_partialderivative    0x08ef
#define XK_function     0x08f6
#define XK_leftarrow    0x08fb
#define XK_uparrow      0x08fc
#define XK_rightarrow   0x08fd
#define XK_downarrow    0x08fe
#define XK_blank        0x09df
#define XK_soliddiamond 0x09e0
#define XK_checkerboard 0x09e1
#define XK_ht   0x09e2
#define XK_ff   0x09e3
#define XK_cr   0x09e4
#define XK_lf   0x09e5
#define XK_nl   0x09e8
#define XK_vt   0x09e9
#define XK_lowrightcorner       0x09ea
#define XK_uprightcorner        0x09eb
```

```
#define XK_upleftcorner 0x09ec
#define XK_lowleftcorner        0x09ed
#define XK_crossinglines        0x09ee
#define XK_horizlinescan1       0x09ef
#define XK_horizlinescan3       0x09f0
#define XK_horizlinescan5       0x09f1
#define XK_horizlinescan7       0x09f2
#define XK_horizlinescan9       0x09f3
#define XK_leftt        0x09f4
#define XK_rightt       0x09f5
#define XK_bott 0x09f6
#define XK_topt 0x09f7
#define XK_vertbar      0x09f8
#define XK_emspace      0x0aa1
#define XK_enspace      0x0aa2
#define XK_em3space     0x0aa3
#define XK_em4space     0x0aa4
#define XK_digitspace   0x0aa5
#define XK_punctspace   0x0aa6
#define XK_thinspace    0x0aa7
#define XK_hairspace    0x0aa8
#define XK_emdash       0x0aa9
#define XK_endash       0x0aaa
#define XK_signifblank  0x0aac
#define XK_ellipsis     0x0aae
#define XK_doubbaselinedot      0x0aaf
#define XK_onethird     0x0ab0
#define XK_twothirds    0x0ab1
#define XK_onefifth     0x0ab2
#define XK_twofifths    0x0ab3
#define XK_threefifths  0x0ab4
#define XK_fourfifths   0x0ab5
#define XK_onesixth     0x0ab6
#define XK_fivesixths   0x0ab7
#define XK_careof       0x0ab8
#define XK_figdash      0x0abb
#define XK_leftanglebracket     0x0abc
#define XK_decimalpoint 0x0abd
#define XK_rightanglebracket    0x0abe
#define XK_marker       0x0abf
#define XK_oneeighth    0x0ac3
#define XK_threeeighths 0x0ac4
#define XK_fiveeighths  0x0ac5
#define XK_seveneighths 0x0ac6
#define XK_trademark    0x0ac9
#define XK_signaturemark        0x0aca
#define XK_trademarkincircle    0x0acb
#define XK_leftopentriangle     0x0acc
#define XK_rightopentriangle    0x0acd
#define XK_emopencircle 0x0ace
#define XK_emopenrectangle      0x0acf
#define XK_leftsinglequotemark  0x0ad0
#define XK_rightsinglequotemark 0x0ad1
#define XK_leftdoublequotemark  0x0ad2
#define XK_rightdoublequotemark 0x0ad3
#define XK_prescription 0x0ad4
#define XK_minutes      0x0ad6
#define XK_seconds      0x0ad7
#define XK_latincross   0x0ad9
#define XK_hexagram     0x0ada
#define XK_filledrectbullet     0x0adb
#define XK_filledlefttribullet  0x0adc
#define XK_filledrighttribullet 0x0add
#define XK_emfilledcircle       0x0ade
#define XK_emfilledrect 0x0adf
#define XK_enopencircbullet     0x0ae0
```

```
#define XK_enopensquarebullet   0x0ae1
#define XK_openrectbullet       0x0ae2
#define XK_opentribulletup      0x0ae3
#define XK_opentribulletdown    0x0ae4
#define XK_openstar     0x0ae5
#define XK_enfilledcircbullet   0x0ae6
#define XK_enfilledsqbullet     0x0ae7
#define XK_filledtribulletup    0x0ae8
#define XK_filledtribulletdown  0x0ae9
#define XK_leftpointer  0x0aea
#define XK_rightpointer 0x0aeb
#define XK_club 0x0aec
#define XK_diamond      0x0aed
#define XK_heart        0x0aee
#define XK_maltesecross 0x0af0
#define XK_dagger       0x0af1
#define XK_doubledagger 0x0af2
#define XK_checkmark    0x0af3
#define XK_ballotcross  0x0af4
#define XK_musicalsharp 0x0af5
#define XK_musicalflat  0x0af6
#define XK_malesymbol   0x0af7
#define XK_femalesymbol 0x0af8
#define XK_telephone    0x0af9
#define XK_telephonerecorder    0x0afa
#define XK_phonographcopyright  0x0afb
#define XK_caret        0x0afc
#define XK_singlelowquotemark   0x0afd
#define XK_doublelowquotemark   0x0afe
#define XK_cursor       0x0aff
#define XK_leftcaret    0x0ba3
#define XK_rightcaret   0x0ba6
#define XK_downcaret    0x0ba8
#define XK_upcaret      0x0ba9
#define XK_overbar      0x0bc0
#define XK_downtack     0x0bc2
#define XK_upshoe       0x0bc3
#define XK_downstile    0x0bc4
#define XK_underbar     0x0bc6
#define XK_jot  0x0bca
#define XK_quad 0x0bcc
#define XK_uptack       0x0bce
#define XK_circle       0x0bcf
#define XK_upstile      0x0bd3
#define XK_downshoe     0x0bd6
#define XK_rightshoe    0x0bd8
#define XK_leftshoe     0x0bda
#define XK_lefttack     0x0bdc
#define XK_righttack    0x0bfc
#define XK_hebrew_doublelowline 0x0cdf
#define XK_hebrew_aleph 0x0ce0
#define XK_hebrew_bet   0x0ce1
#define XK_hebrew_beth  0x0ce1
#define XK_hebrew_gimel 0x0ce2
#define XK_hebrew_gimmel        0x0ce2
#define XK_hebrew_dalet 0x0ce3
#define XK_hebrew_daleth        0x0ce3
#define XK_hebrew_he    0x0ce4
#define XK_hebrew_waw   0x0ce5
#define XK_hebrew_zain  0x0ce6
#define XK_hebrew_zayin 0x0ce6
#define XK_hebrew_chet  0x0ce7
#define XK_hebrew_het   0x0ce7
#define XK_hebrew_tet   0x0ce8
#define XK_hebrew_teth  0x0ce8
#define XK_hebrew_yod   0x0ce9
```

© 2008 Linux Foundation

```
#define XK_hebrew_finalkaph     0x0cea
#define XK_hebrew_kaph  0x0ceb
#define XK_hebrew_lamed 0x0cec
#define XK_hebrew_finalmem      0x0ced
#define XK_hebrew_mem   0x0cee
#define XK_hebrew_finalnun      0x0cef
#define XK_hebrew_nun   0x0cf0
#define XK_hebrew_samech        0x0cf1
#define XK_hebrew_samekh        0x0cf1
#define XK_hebrew_ayin  0x0cf2
#define XK_hebrew_finalpe       0x0cf3
#define XK_hebrew_pe    0x0cf4
#define XK_hebrew_finalzade     0x0cf5
#define XK_hebrew_finalzadi     0x0cf5
#define XK_hebrew_zade  0x0cf6
#define XK_hebrew_zadi  0x0cf6
#define XK_hebrew_kuf   0x0cf7
#define XK_hebrew_qoph  0x0cf7
#define XK_hebrew_resh  0x0cf8
#define XK_hebrew_shin  0x0cf9
#define XK_hebrew_taf   0x0cfa
#define XK_hebrew_taw   0x0cfa
#define XK_Thai_kokai   0x0da1
#define XK_Thai_khokhai 0x0da2
#define XK_Thai_khokhuat        0x0da3
#define XK_Thai_khokhwai        0x0da4
#define XK_Thai_khokhon 0x0da5
#define XK_Thai_khorakhang      0x0da6
#define XK_Thai_ngongu  0x0da7
#define XK_Thai_chochan 0x0da8
#define XK_Thai_choching        0x0da9
#define XK_Thai_chochang        0x0daa
#define XK_Thai_soso    0x0dab
#define XK_Thai_chochoe 0x0dac
#define XK_Thai_yoying  0x0dad
#define XK_Thai_dochada 0x0dae
#define XK_Thai_topatak 0x0daf
#define XK_Thai_thothan 0x0db0
#define XK_Thai_thonangmontho   0x0db1
#define XK_Thai_thophuthao      0x0db2
#define XK_Thai_nonen   0x0db3
#define XK_Thai_dodek   0x0db4
#define XK_Thai_totao   0x0db5
#define XK_Thai_thothung        0x0db6
#define XK_Thai_thothahan       0x0db7
#define XK_Thai_thothong        0x0db8
#define XK_Thai_nonu    0x0db9
#define XK_Thai_bobaimai        0x0dba
#define XK_Thai_popla   0x0dbb
#define XK_Thai_phophung        0x0dbc
#define XK_Thai_fofa    0x0dbd
#define XK_Thai_phophan 0x0dbe
#define XK_Thai_fofan   0x0dbf
#define XK_Thai_phosamphao      0x0dc0
#define XK_Thai_moma    0x0dc1
#define XK_Thai_yoyak   0x0dc2
#define XK_Thai_rorua   0x0dc3
#define XK_Thai_ru      0x0dc4
#define XK_Thai_loling  0x0dc5
#define XK_Thai_lu      0x0dc6
#define XK_Thai_wowaen  0x0dc7
#define XK_Thai_sosala  0x0dc8
#define XK_Thai_sorusi  0x0dc9
#define XK_Thai_sosua   0x0dca
#define XK_Thai_hohip   0x0dcb
#define XK_Thai_lochula 0x0dcc
```

```
#define XK_Thai_oang    0x0dcd
#define XK_Thai_honokhuk        0x0dce
#define XK_Thai_paiyannoi       0x0dcf
#define XK_Thai_saraa   0x0dd0
#define XK_Thai_maihanakat      0x0dd1
#define XK_Thai_saraaa  0x0dd2
#define XK_Thai_saraam  0x0dd3
#define XK_Thai_sarai   0x0dd4
#define XK_Thai_saraii  0x0dd5
#define XK_Thai_saraue  0x0dd6
#define XK_Thai_sarauee 0x0dd7
#define XK_Thai_sarau   0x0dd8
#define XK_Thai_sarauu  0x0dd9
#define XK_Thai_phinthu 0x0dda
#define XK_Thai_maihanakat_maitho       0x0dde
#define XK_Thai_baht    0x0ddf
#define XK_Thai_sarae   0x0de0
#define XK_Thai_saraae  0x0de1
#define XK_Thai_sarao   0x0de2
#define XK_Thai_saraaimaimuan   0x0de3
#define XK_Thai_saraaimaimalai  0x0de4
#define XK_Thai_lakkhangyao     0x0de5
#define XK_Thai_maiyamok        0x0de6
#define XK_Thai_maitaikhu       0x0de7
#define XK_Thai_maiek   0x0de8
#define XK_Thai_maitho  0x0de9
#define XK_Thai_maitri  0x0dea
#define XK_Thai_maichattawa     0x0deb
#define XK_Thai_thanthakhat     0x0dec
#define XK_Thai_nikhahit        0x0ded
#define XK_Thai_leksun  0x0df0
#define XK_Thai_leknung 0x0df1
#define XK_Thai_leksong 0x0df2
#define XK_Thai_leksam  0x0df3
#define XK_Thai_leksi   0x0df4
#define XK_Thai_lekha   0x0df5
#define XK_Thai_lekhok  0x0df6
#define XK_Thai_lekchet 0x0df7
#define XK_Thai_lekpaet 0x0df8
#define XK_Thai_lekkao  0x0df9
#define XK_Hangul_Kiyeog        0x0ea1
#define XK_Hangul_SsangKiyeog   0x0ea2
#define XK_Hangul_KiyeogSios    0x0ea3
#define XK_Hangul_Nieun 0x0ea4
#define XK_Hangul_NieunJieuj    0x0ea5
#define XK_Hangul_NieunHieuh    0x0ea6
#define XK_Hangul_Dikeud        0x0ea7
#define XK_Hangul_SsangDikeud   0x0ea8
#define XK_Hangul_Rieul 0x0ea9
#define XK_Hangul_RieulKiyeog   0x0eaa
#define XK_Hangul_RieulMieum    0x0eab
#define XK_Hangul_RieulPieub    0x0eac
#define XK_Hangul_RieulSios     0x0ead
#define XK_Hangul_RieulTieut    0x0eae
#define XK_Hangul_RieulPhieuf   0x0eaf
#define XK_Hangul_RieulHieuh    0x0eb0
#define XK_Hangul_Mieum 0x0eb1
#define XK_Hangul_Pieub 0x0eb2
#define XK_Hangul_SsangPieub    0x0eb3
#define XK_Hangul_PieubSios     0x0eb4
#define XK_Hangul_Sios  0x0eb5
#define XK_Hangul_SsangSios     0x0eb6
#define XK_Hangul_Ieung 0x0eb7
#define XK_Hangul_Jieuj 0x0eb8
#define XK_Hangul_SsangJieuj    0x0eb9
#define XK_Hangul_Cieuc 0x0eba
```

```
#define XK_Hangul_Khieuq        0x0ebb
#define XK_Hangul_Tieut 0x0ebc
#define XK_Hangul_Phieuf        0x0ebd
#define XK_Hangul_Hieuh 0x0ebe
#define XK_Hangul_A     0x0ebf
#define XK_Hangul_AE    0x0ec0
#define XK_Hangul_YA    0x0ec1
#define XK_Hangul_YAE   0x0ec2
#define XK_Hangul_EO    0x0ec3
#define XK_Hangul_E     0x0ec4
#define XK_Hangul_YEO   0x0ec5
#define XK_Hangul_YE    0x0ec6
#define XK_Hangul_O     0x0ec7
#define XK_Hangul_WA    0x0ec8
#define XK_Hangul_WAE   0x0ec9
#define XK_Hangul_OE    0x0eca
#define XK_Hangul_YO    0x0ecb
#define XK_Hangul_U     0x0ecc
#define XK_Hangul_WEO   0x0ecd
#define XK_Hangul_WE    0x0ece
#define XK_Hangul_WI    0x0ecf
#define XK_Hangul_YU    0x0ed0
#define XK_Hangul_EU    0x0ed1
#define XK_Hangul_YI    0x0ed2
#define XK_Hangul_I     0x0ed3
#define XK_Hangul_J_Kiyeog      0x0ed4
#define XK_Hangul_J_SsangKiyeog 0x0ed5
#define XK_Hangul_J_KiyeogSios  0x0ed6
#define XK_Hangul_J_Nieun       0x0ed7
#define XK_Hangul_J_NieunJieuj  0x0ed8
#define XK_Hangul_J_NieunHieuh  0x0ed9
#define XK_Hangul_J_Dikeud      0x0eda
#define XK_Hangul_J_Rieul       0x0edb
#define XK_Hangul_J_RieulKiyeog 0x0edc
#define XK_Hangul_J_RieulMieum  0x0edd
#define XK_Hangul_J_RieulPieub  0x0ede
#define XK_Hangul_J_RieulSios   0x0edf
#define XK_Hangul_J_RieulTieut  0x0ee0
#define XK_Hangul_J_RieulPhieuf 0x0ee1
#define XK_Hangul_J_RieulHieuh  0x0ee2
#define XK_Hangul_J_Mieum       0x0ee3
#define XK_Hangul_J_Pieub       0x0ee4
#define XK_Hangul_J_PieubSios   0x0ee5
#define XK_Hangul_J_Sios        0x0ee6
#define XK_Hangul_J_SsangSios   0x0ee7
#define XK_Hangul_J_Ieung       0x0ee8
#define XK_Hangul_J_Jieuj       0x0ee9
#define XK_Hangul_J_Cieuc       0x0eea
#define XK_Hangul_J_Khieuq      0x0eeb
#define XK_Hangul_J_Tieut       0x0eec
#define XK_Hangul_J_Phieuf      0x0eed
#define XK_Hangul_J_Hieuh       0x0eee
#define XK_Hangul_RieulYeorinHieuh      0x0eef
#define XK_Hangul_SunkyeongeumMieum     0x0ef0
#define XK_Hangul_SunkyeongeumPieub     0x0ef1
#define XK_Hangul_PanSios       0x0ef2
#define XK_Hangul_KkogjiDalrinIeung     0x0ef3
#define XK_Hangul_SunkyeongeumPhieuf    0x0ef4
#define XK_Hangul_YeorinHieuh   0x0ef5
#define XK_Hangul_AraeA 0x0ef6
#define XK_Hangul_AraeAE        0x0ef7
#define XK_Hangul_J_PanSios     0x0ef8
#define XK_Hangul_J_KkogjiDalrinIeung   0x0ef9
#define XK_Hangul_J_YeorinHieuh 0x0efa
#define XK_Korean_Won   0x0eff
#define XK_Ibreve       0x100012c
```

```
#define XK_ibreve       0x100012d
#define XK_Wcircumflex  0x1000174
#define XK_wcircumflex  0x1000175
#define XK_Ycircumflex  0x1000176
#define XK_ycircumflex  0x1000177
#define XK_SCHWA        0x100018f
#define XK_Obarred      0x100019f
#define XK_Ohorn        0x10001a0
#define XK_ohorn        0x10001a1
#define XK_Uhorn        0x10001af
#define XK_uhorn        0x10001b0
#define XK_Zstroke      0x10001b5
#define XK_zstroke      0x10001b6
#define XK_Ocaron       0x10001d1
#define XK_ocaron       0x10001d2
#define XK_Gcaron       0x10001e6
#define XK_gcaron       0x10001e7
#define XK_schwa        0x1000259
#define XK_obarred      0x1000275
#define XK_Cyrillic_GHE_bar     0x1000492
#define XK_Cyrillic_ghe_bar     0x1000493
#define XK_Cyrillic_ZHE_descender       0x1000496
#define XK_Cyrillic_zhe_descender       0x1000497
#define XK_Cyrillic_KA_descender        0x100049a
#define XK_Cyrillic_ka_descender        0x100049b
#define XK_Cyrillic_KA_vertstroke       0x100049c
#define XK_Cyrillic_ka_vertstroke       0x100049d
#define XK_Cyrillic_EN_descender        0x10004a2
#define XK_Cyrillic_en_descender        0x10004a3
#define XK_Cyrillic_U_straight  0x10004ae
#define XK_Cyrillic_u_straight  0x10004af
#define XK_Cyrillic_U_straight_bar      0x10004b0
#define XK_Cyrillic_u_straight_bar      0x10004b1
#define XK_Cyrillic_HA_descender        0x10004b2
#define XK_Cyrillic_ha_descender        0x10004b3
#define XK_Cyrillic_CHE_descender       0x10004b6
#define XK_Cyrillic_che_descender       0x10004b7
#define XK_Cyrillic_CHE_vertstroke      0x10004b8
#define XK_Cyrillic_che_vertstroke      0x10004b9
#define XK_Cyrillic_SHHA        0x10004ba
#define XK_Cyrillic_shha        0x10004bb
#define XK_Cyrillic_SCHWA       0x10004d8
#define XK_Cyrillic_schwa       0x10004d9
#define XK_Cyrillic_I_macron    0x10004e2
#define XK_Cyrillic_i_macron    0x10004e3
#define XK_Cyrillic_O_bar       0x10004e8
#define XK_Cyrillic_o_bar       0x10004e9
#define XK_Cyrillic_U_macron    0x10004ee
#define XK_Cyrillic_u_macron    0x10004ef
#define XK_Armenian_AYB 0x1000531
#define XK_Armenian_BEN 0x1000532
#define XK_Armenian_GIM 0x1000533
#define XK_Armenian_DA  0x1000534
#define XK_Armenian_YECH        0x1000535
#define XK_Armenian_ZA  0x1000536
#define XK_Armenian_E   0x1000537
#define XK_Armenian_AT  0x1000538
#define XK_Armenian_TO  0x1000539
#define XK_Armenian_ZHE 0x100053a
#define XK_Armenian_INI 0x100053b
#define XK_Armenian_LYUN        0x100053c
#define XK_Armenian_KHE 0x100053d
#define XK_Armenian_TSA 0x100053e
#define XK_Armenian_KEN 0x100053f
#define XK_Armenian_HO  0x1000540
#define XK_Armenian_DZA 0x1000541
```

© 2008 Linux Foundation

```
#define XK_Armenian_GHAT        0x1000542
#define XK_Armenian_TCHE        0x1000543
#define XK_Armenian_MEN 0x1000544
#define XK_Armenian_HI  0x1000545
#define XK_Armenian_NU  0x1000546
#define XK_Armenian_SHA 0x1000547
#define XK_Armenian_VO  0x1000548
#define XK_Armenian_CHA 0x1000549
#define XK_Armenian_PE  0x100054a
#define XK_Armenian_JE  0x100054b
#define XK_Armenian_RA  0x100054c
#define XK_Armenian_SE  0x100054d
#define XK_Armenian_VEV 0x100054e
#define XK_Armenian_TYUN        0x100054f
#define XK_Armenian_RE  0x1000550
#define XK_Armenian_TSO 0x1000551
#define XK_Armenian_VYUN        0x1000552
#define XK_Armenian_PYUR        0x1000553
#define XK_Armenian_KE  0x1000554
#define XK_Armenian_O   0x1000555
#define XK_Armenian_FE  0x1000556
#define XK_Armenian_apostrophe  0x100055a
#define XK_Armenian_accent      0x100055b
#define XK_Armenian_shesht      0x100055b
#define XK_Armenian_amanak      0x100055c
#define XK_Armenian_exclam      0x100055c
#define XK_Armenian_but 0x100055d
#define XK_Armenian_separation_mark     0x100055d
#define XK_Armenian_paruyk      0x100055e
#define XK_Armenian_question    0x100055e
#define XK_Armenian_ayb 0x1000561
#define XK_Armenian_ben 0x1000562
#define XK_Armenian_gim 0x1000563
#define XK_Armenian_da  0x1000564
#define XK_Armenian_yech        0x1000565
#define XK_Armenian_za  0x1000566
#define XK_Armenian_e   0x1000567
#define XK_Armenian_at  0x1000568
#define XK_Armenian_to  0x1000569
#define XK_Armenian_zhe 0x100056a
#define XK_Armenian_ini 0x100056b
#define XK_Armenian_lyun        0x100056c
#define XK_Armenian_khe 0x100056d
#define XK_Armenian_tsa 0x100056e
#define XK_Armenian_ken 0x100056f
#define XK_Armenian_ho  0x1000570
#define XK_Armenian_dza 0x1000571
#define XK_Armenian_ghat        0x1000572
#define XK_Armenian_tche        0x1000573
#define XK_Armenian_men 0x1000574
#define XK_Armenian_hi  0x1000575
#define XK_Armenian_nu  0x1000576
#define XK_Armenian_sha 0x1000577
#define XK_Armenian_vo  0x1000578
#define XK_Armenian_cha 0x1000579
#define XK_Armenian_pe  0x100057a
#define XK_Armenian_je  0x100057b
#define XK_Armenian_ra  0x100057c
#define XK_Armenian_se  0x100057d
#define XK_Armenian_vev 0x100057e
#define XK_Armenian_tyun        0x100057f
#define XK_Armenian_re  0x1000580
#define XK_Armenian_tso 0x1000581
#define XK_Armenian_vyun        0x1000582
#define XK_Armenian_pyur        0x1000583
#define XK_Armenian_ke  0x1000584
```

```
#define XK_Armenian_o   0x1000585
#define XK_Armenian_fe  0x1000586
#define XK_Armenian_ligature_ew 0x1000587
#define XK_Armenian_full_stop   0x1000589
#define XK_Armenian_verjaket    0x1000589
#define XK_Armenian_hyphen      0x100058a
#define XK_Armenian_yentamna    0x100058a
#define XK_Arabic_madda_above   0x1000653
#define XK_Arabic_hamza_above   0x1000654
#define XK_Arabic_hamza_below   0x1000655
#define XK_Arabic_0     0x1000660
#define XK_Arabic_1     0x1000661
#define XK_Arabic_2     0x1000662
#define XK_Arabic_3     0x1000663
#define XK_Arabic_4     0x1000664
#define XK_Arabic_5     0x1000665
#define XK_Arabic_6     0x1000666
#define XK_Arabic_7     0x1000667
#define XK_Arabic_8     0x1000668
#define XK_Arabic_9     0x1000669
#define XK_Arabic_percent       0x100066a
#define XK_Arabic_superscript_alef      0x1000670
#define XK_Arabic_tteh  0x1000679
#define XK_Arabic_peh   0x100067e
#define XK_Arabic_tcheh 0x1000686
#define XK_Arabic_ddal  0x1000688
#define XK_Arabic_rreh  0x1000691
#define XK_Arabic_jeh   0x1000698
#define XK_Arabic_veh   0x10006a4
#define XK_Arabic_keheh 0x10006a9
#define XK_Arabic_gaf   0x10006af
#define XK_Arabic_noon_ghunna   0x10006ba
#define XK_Arabic_heh_doachashmee       0x10006be
#define XK_Arabic_heh_goal      0x10006c1
#define XK_Arabic_farsi_yeh     0x10006cc
#define XK_Farsi_yeh    0x10006cc
#define XK_Arabic_yeh_baree     0x10006d2
#define XK_Arabic_fullstop      0x10006d4
#define XK_Farsi_0      0x10006f0
#define XK_Farsi_1      0x10006f1
#define XK_Farsi_2      0x10006f2
#define XK_Farsi_3      0x10006f3
#define XK_Farsi_4      0x10006f4
#define XK_Farsi_5      0x10006f5
#define XK_Farsi_6      0x10006f6
#define XK_Farsi_7      0x10006f7
#define XK_Farsi_8      0x10006f8
#define XK_Farsi_9      0x10006f9
#define XK_Georgian_an  0x10010d0
#define XK_Georgian_ban 0x10010d1
#define XK_Georgian_gan 0x10010d2
#define XK_Georgian_don 0x10010d3
#define XK_Georgian_en  0x10010d4
#define XK_Georgian_vin 0x10010d5
#define XK_Georgian_zen 0x10010d6
#define XK_Georgian_tan 0x10010d7
#define XK_Georgian_in  0x10010d8
#define XK_Georgian_kan 0x10010d9
#define XK_Georgian_las 0x10010da
#define XK_Georgian_man 0x10010db
#define XK_Georgian_nar 0x10010dc
#define XK_Georgian_on  0x10010dd
#define XK_Georgian_par 0x10010de
#define XK_Georgian_zhar        0x10010df
#define XK_Georgian_rae 0x10010e0
#define XK_Georgian_san 0x10010e1
```

```
#define XK_Georgian_tar 0x10010e2
#define XK_Georgian_un  0x10010e3
#define XK_Georgian_phar        0x10010e4
#define XK_Georgian_khar        0x10010e5
#define XK_Georgian_ghan        0x10010e6
#define XK_Georgian_qar 0x10010e7
#define XK_Georgian_shin        0x10010e8
#define XK_Georgian_chin        0x10010e9
#define XK_Georgian_can 0x10010ea
#define XK_Georgian_jil 0x10010eb
#define XK_Georgian_cil 0x10010ec
#define XK_Georgian_char        0x10010ed
#define XK_Georgian_xan 0x10010ee
#define XK_Georgian_jhan        0x10010ef
#define XK_Georgian_hae 0x10010f0
#define XK_Georgian_he  0x10010f1
#define XK_Georgian_hie 0x10010f2
#define XK_Georgian_we  0x10010f3
#define XK_Georgian_har 0x10010f4
#define XK_Georgian_hoe 0x10010f5
#define XK_Georgian_fi  0x10010f6
#define XK_Babovedot    0x1001e02
#define XK_babovedot    0x1001e03
#define XK_Dabovedot    0x1001e0a
#define XK_dabovedot    0x1001e0b
#define XK_Fabovedot    0x1001e1e
#define XK_fabovedot    0x1001e1f
#define XK_Lbelowdot    0x1001e36
#define XK_lbelowdot    0x1001e37
#define XK_Mabovedot    0x1001e40
#define XK_mabovedot    0x1001e41
#define XK_Pabovedot    0x1001e56
#define XK_pabovedot    0x1001e57
#define XK_Sabovedot    0x1001e60
#define XK_sabovedot    0x1001e61
#define XK_Tabovedot    0x1001e6a
#define XK_tabovedot    0x1001e6b
#define XK_Wgrave       0x1001e80
#define XK_wgrave       0x1001e81
#define XK_Wacute       0x1001e82
#define XK_wacute       0x1001e83
#define XK_Wdiaeresis   0x1001e84
#define XK_wdiaeresis   0x1001e85
#define XK_Xabovedot    0x1001e8a
#define XK_xabovedot    0x1001e8b
#define XK_Abelowdot    0x1001ea0
#define XK_abelowdot    0x1001ea1
#define XK_Ahook        0x1001ea2
#define XK_ahook        0x1001ea3
#define XK_Acircumflexacute     0x1001ea4
#define XK_acircumflexacute     0x1001ea5
#define XK_Acircumflexgrave     0x1001ea6
#define XK_acircumflexgrave     0x1001ea7
#define XK_Acircumflexhook      0x1001ea8
#define XK_acircumflexhook      0x1001ea9
#define XK_Acircumflextilde     0x1001eaa
#define XK_acircumflextilde     0x1001eab
#define XK_Acircumflexbelowdot  0x1001eac
#define XK_acircumflexbelowdot  0x1001ead
#define XK_Abreveacute  0x1001eae
#define XK_abreveacute  0x1001eaf
#define XK_Abrevegrave  0x1001eb0
#define XK_abrevegrave  0x1001eb1
#define XK_Abrevehook   0x1001eb2
#define XK_abrevehook   0x1001eb3
#define XK_Abrevetilde  0x1001eb4
```

```
#define XK_abrevetilde  0x1001eb5
#define XK_Abrevebelowdot       0x1001eb6
#define XK_abrevebelowdot       0x1001eb7
#define XK_Ebelowdot    0x1001eb8
#define XK_ebelowdot    0x1001eb9
#define XK_Ehook        0x1001eba
#define XK_ehook        0x1001ebb
#define XK_Etilde       0x1001ebc
#define XK_etilde       0x1001ebd
#define XK_Ecircumflexacute     0x1001ebe
#define XK_ecircumflexacute     0x1001ebf
#define XK_Ecircumflexgrave     0x1001ec0
#define XK_ecircumflexgrave     0x1001ec1
#define XK_Ecircumflexhook      0x1001ec2
#define XK_ecircumflexhook      0x1001ec3
#define XK_Ecircumflextilde     0x1001ec4
#define XK_ecircumflextilde     0x1001ec5
#define XK_Ecircumflexbelowdot  0x1001ec6
#define XK_ecircumflexbelowdot  0x1001ec7
#define XK_Ihook        0x1001ec8
#define XK_ihook        0x1001ec9
#define XK_Ibelowdot    0x1001eca
#define XK_ibelowdot    0x1001ecb
#define XK_Obelowdot    0x1001ecc
#define XK_obelowdot    0x1001ecd
#define XK_Ohook        0x1001ece
#define XK_ohook        0x1001ecf
#define XK_Ocircumflexacute     0x1001ed0
#define XK_ocircumflexacute     0x1001ed1
#define XK_Ocircumflexgrave     0x1001ed2
#define XK_ocircumflexgrave     0x1001ed3
#define XK_Ocircumflexhook      0x1001ed4
#define XK_ocircumflexhook      0x1001ed5
#define XK_Ocircumflextilde     0x1001ed6
#define XK_ocircumflextilde     0x1001ed7
#define XK_Ocircumflexbelowdot  0x1001ed8
#define XK_ocircumflexbelowdot  0x1001ed9
#define XK_Ohornacute   0x1001eda
#define XK_ohornacute   0x1001edb
#define XK_Ohorngrave   0x1001edc
#define XK_ohorngrave   0x1001edd
#define XK_Ohornhook    0x1001ede
#define XK_ohornhook    0x1001edf
#define XK_Ohorntilde   0x1001ee0
#define XK_ohorntilde   0x1001ee1
#define XK_Ohornbelowdot        0x1001ee2
#define XK_ohornbelowdot        0x1001ee3
#define XK_Ubelowdot    0x1001ee4
#define XK_ubelowdot    0x1001ee5
#define XK_Uhook        0x1001ee6
#define XK_uhook        0x1001ee7
#define XK_Uhornacute   0x1001ee8
#define XK_uhornacute   0x1001ee9
#define XK_Uhorngrave   0x1001eea
#define XK_uhorngrave   0x1001eeb
#define XK_Uhornhook    0x1001eec
#define XK_uhornhook    0x1001eed
#define XK_Uhorntilde   0x1001eee
#define XK_uhorntilde   0x1001eef
#define XK_Uhornbelowdot        0x1001ef0
#define XK_uhornbelowdot        0x1001ef1
#define XK_Ygrave       0x1001ef2
#define XK_ygrave       0x1001ef3
#define XK_Ybelowdot    0x1001ef4
#define XK_ybelowdot    0x1001ef5
#define XK_Yhook        0x1001ef6
```

```
#define XK_yhook        0x1001ef7
#define XK_Ytilde       0x1001ef8
#define XK_ytilde       0x1001ef9
#define XK_zerosuperior 0x1002070
#define XK_foursuperior 0x1002074
#define XK_fivesuperior 0x1002075
#define XK_sixsuperior  0x1002076
#define XK_sevensuperior        0x1002077
#define XK_eightsuperior        0x1002078
#define XK_ninesuperior 0x1002079
#define XK_zerosubscript        0x1002080
#define XK_onesubscript 0x1002081
#define XK_twosubscript 0x1002082
#define XK_threesubscript       0x1002083
#define XK_foursubscript        0x1002084
#define XK_fivesubscript        0x1002085
#define XK_sixsubscript 0x1002086
#define XK_sevensubscript       0x1002087
#define XK_eightsubscript       0x1002088
#define XK_ninesubscript        0x1002089
#define XK_EcuSign      0x10020a0
#define XK_ColonSign    0x10020a1
#define XK_CruzeiroSign 0x10020a2
#define XK_FFrancSign   0x10020a3
#define XK_LiraSign     0x10020a4
#define XK_MillSign     0x10020a5
#define XK_NairaSign    0x10020a6
#define XK_PesetaSign   0x10020a7
#define XK_RupeeSign    0x10020a8
#define XK_WonSign      0x10020a9
#define XK_NewSheqelSign        0x10020aa
#define XK_DongSign     0x10020ab
#define XK_partdifferential     0x1002202
#define XK_emptyset     0x1002205
#define XK_elementof    0x1002208
#define XK_notelementof 0x1002209
#define XK_containsas   0x100220B
#define XK_squareroot   0x100221A
#define XK_cuberoot     0x100221B
#define XK_fourthroot   0x100221C
#define XK_dintegral    0x100222C
#define XK_tintegral    0x100222D
#define XK_because      0x1002235
#define XK_notapproxeq  0x1002247
#define XK_approxeq     0x1002248
#define XK_notidentical 0x1002262
#define XK_stricteq     0x1002263
#define XK_braille_blank        0x1002800
#define XK_braille_dots_1       0x1002801
#define XK_braille_dots_2       0x1002802
#define XK_braille_dots_12      0x1002803
#define XK_braille_dots_3       0x1002804
#define XK_braille_dots_13      0x1002805
#define XK_braille_dots_23      0x1002806
#define XK_braille_dots_123     0x1002807
#define XK_braille_dots_4       0x1002808
#define XK_braille_dots_14      0x1002809
#define XK_braille_dots_24      0x100280a
#define XK_braille_dots_124     0x100280b
#define XK_braille_dots_34      0x100280c
#define XK_braille_dots_134     0x100280d
#define XK_braille_dots_234     0x100280e
#define XK_braille_dots_1234    0x100280f
#define XK_braille_dots_5       0x1002810
#define XK_braille_dots_15      0x1002811
#define XK_braille_dots_25      0x1002812
```

```
#define XK_braille_dots_125     0x1002813
#define XK_braille_dots_35      0x1002814
#define XK_braille_dots_135     0x1002815
#define XK_braille_dots_235     0x1002816
#define XK_braille_dots_1235    0x1002817
#define XK_braille_dots_45      0x1002818
#define XK_braille_dots_145     0x1002819
#define XK_braille_dots_245     0x100281a
#define XK_braille_dots_1245    0x100281b
#define XK_braille_dots_345     0x100281c
#define XK_braille_dots_1345    0x100281d
#define XK_braille_dots_2345    0x100281e
#define XK_braille_dots_12345   0x100281f
#define XK_braille_dots_6       0x1002820
#define XK_braille_dots_16      0x1002821
#define XK_braille_dots_26      0x1002822
#define XK_braille_dots_126     0x1002823
#define XK_braille_dots_36      0x1002824
#define XK_braille_dots_136     0x1002825
#define XK_braille_dots_236     0x1002826
#define XK_braille_dots_1236    0x1002827
#define XK_braille_dots_46      0x1002828
#define XK_braille_dots_146     0x1002829
#define XK_braille_dots_246     0x100282a
#define XK_braille_dots_1246    0x100282b
#define XK_braille_dots_346     0x100282c
#define XK_braille_dots_1346    0x100282d
#define XK_braille_dots_2346    0x100282e
#define XK_braille_dots_12346   0x100282f
#define XK_braille_dots_56      0x1002830
#define XK_braille_dots_156     0x1002831
#define XK_braille_dots_256     0x1002832
#define XK_braille_dots_1256    0x1002833
#define XK_braille_dots_356     0x1002834
#define XK_braille_dots_1356    0x1002835
#define XK_braille_dots_2356    0x1002836
#define XK_braille_dots_12356   0x1002837
#define XK_braille_dots_456     0x1002838
#define XK_braille_dots_1456    0x1002839
#define XK_braille_dots_2456    0x100283a
#define XK_braille_dots_12456   0x100283b
#define XK_braille_dots_3456    0x100283c
#define XK_braille_dots_13456   0x100283d
#define XK_braille_dots_23456   0x100283e
#define XK_braille_dots_123456  0x100283f
#define XK_braille_dots_7       0x1002840
#define XK_braille_dots_17      0x1002841
#define XK_braille_dots_27      0x1002842
#define XK_braille_dots_127     0x1002843
#define XK_braille_dots_37      0x1002844
#define XK_braille_dots_137     0x1002845
#define XK_braille_dots_237     0x1002846
#define XK_braille_dots_1237    0x1002847
#define XK_braille_dots_47      0x1002848
#define XK_braille_dots_147     0x1002849
#define XK_braille_dots_247     0x100284a
#define XK_braille_dots_1247    0x100284b
#define XK_braille_dots_347     0x100284c
#define XK_braille_dots_1347    0x100284d
#define XK_braille_dots_2347    0x100284e
#define XK_braille_dots_12347   0x100284f
#define XK_braille_dots_57      0x1002850
#define XK_braille_dots_157     0x1002851
#define XK_braille_dots_257     0x1002852
#define XK_braille_dots_1257    0x1002853
#define XK_braille_dots_357     0x1002854
```

```
#define XK_braille_dots_1357    0x1002855
#define XK_braille_dots_2357    0x1002856
#define XK_braille_dots_12357   0x1002857
#define XK_braille_dots_457     0x1002858
#define XK_braille_dots_1457    0x1002859
#define XK_braille_dots_2457    0x100285a
#define XK_braille_dots_12457   0x100285b
#define XK_braille_dots_3457    0x100285c
#define XK_braille_dots_13457   0x100285d
#define XK_braille_dots_23457   0x100285e
#define XK_braille_dots_123457  0x100285f
#define XK_braille_dots_67      0x1002860
#define XK_braille_dots_167     0x1002861
#define XK_braille_dots_267     0x1002862
#define XK_braille_dots_1267    0x1002863
#define XK_braille_dots_367     0x1002864
#define XK_braille_dots_1367    0x1002865
#define XK_braille_dots_2367    0x1002866
#define XK_braille_dots_12367   0x1002867
#define XK_braille_dots_467     0x1002868
#define XK_braille_dots_1467    0x1002869
#define XK_braille_dots_2467    0x100286a
#define XK_braille_dots_12467   0x100286b
#define XK_braille_dots_3467    0x100286c
#define XK_braille_dots_13467   0x100286d
#define XK_braille_dots_23467   0x100286e
#define XK_braille_dots_123467  0x100286f
#define XK_braille_dots_567     0x1002870
#define XK_braille_dots_1567    0x1002871
#define XK_braille_dots_2567    0x1002872
#define XK_braille_dots_12567   0x1002873
#define XK_braille_dots_3567    0x1002874
#define XK_braille_dots_13567   0x1002875
#define XK_braille_dots_23567   0x1002876
#define XK_braille_dots_123567  0x1002877
#define XK_braille_dots_4567    0x1002878
#define XK_braille_dots_14567   0x1002879
#define XK_braille_dots_24567   0x100287a
#define XK_braille_dots_124567  0x100287b
#define XK_braille_dots_34567   0x100287c
#define XK_braille_dots_134567  0x100287d
#define XK_braille_dots_234567  0x100287e
#define XK_braille_dots_1234567 0x100287f
#define XK_braille_dots_8       0x1002880
#define XK_braille_dots_18      0x1002881
#define XK_braille_dots_28      0x1002882
#define XK_braille_dots_128     0x1002883
#define XK_braille_dots_38      0x1002884
#define XK_braille_dots_138     0x1002885
#define XK_braille_dots_238     0x1002886
#define XK_braille_dots_1238    0x1002887
#define XK_braille_dots_48      0x1002888
#define XK_braille_dots_148     0x1002889
#define XK_braille_dots_248     0x100288a
#define XK_braille_dots_1248    0x100288b
#define XK_braille_dots_348     0x100288c
#define XK_braille_dots_1348    0x100288d
#define XK_braille_dots_2348    0x100288e
#define XK_braille_dots_12348   0x100288f
#define XK_braille_dots_58      0x1002890
#define XK_braille_dots_158     0x1002891
#define XK_braille_dots_258     0x1002892
#define XK_braille_dots_1258    0x1002893
#define XK_braille_dots_358     0x1002894
#define XK_braille_dots_1358    0x1002895
#define XK_braille_dots_2358    0x1002896
```

```
#define XK_braille_dots_12358   0x1002897
#define XK_braille_dots_458     0x1002898
#define XK_braille_dots_1458    0x1002899
#define XK_braille_dots_2458    0x100289a
#define XK_braille_dots_12458   0x100289b
#define XK_braille_dots_3458    0x100289c
#define XK_braille_dots_13458   0x100289d
#define XK_braille_dots_23458   0x100289e
#define XK_braille_dots_123458  0x100289f
#define XK_braille_dots_68      0x10028a0
#define XK_braille_dots_168     0x10028a1
#define XK_braille_dots_268     0x10028a2
#define XK_braille_dots_1268    0x10028a3
#define XK_braille_dots_368     0x10028a4
#define XK_braille_dots_1368    0x10028a5
#define XK_braille_dots_2368    0x10028a6
#define XK_braille_dots_12368   0x10028a7
#define XK_braille_dots_468     0x10028a8
#define XK_braille_dots_1468    0x10028a9
#define XK_braille_dots_2468    0x10028aa
#define XK_braille_dots_12468   0x10028ab
#define XK_braille_dots_3468    0x10028ac
#define XK_braille_dots_13468   0x10028ad
#define XK_braille_dots_23468   0x10028ae
#define XK_braille_dots_123468  0x10028af
#define XK_braille_dots_568     0x10028b0
#define XK_braille_dots_1568    0x10028b1
#define XK_braille_dots_2568    0x10028b2
#define XK_braille_dots_12568   0x10028b3
#define XK_braille_dots_3568    0x10028b4
#define XK_braille_dots_13568   0x10028b5
#define XK_braille_dots_23568   0x10028b6
#define XK_braille_dots_123568  0x10028b7
#define XK_braille_dots_4568    0x10028b8
#define XK_braille_dots_14568   0x10028b9
#define XK_braille_dots_24568   0x10028ba
#define XK_braille_dots_124568  0x10028bb
#define XK_braille_dots_34568   0x10028bc
#define XK_braille_dots_134568  0x10028bd
#define XK_braille_dots_234568  0x10028be
#define XK_braille_dots_1234568 0x10028bf
#define XK_braille_dots_78      0x10028c0
#define XK_braille_dots_178     0x10028c1
#define XK_braille_dots_278     0x10028c2
#define XK_braille_dots_1278    0x10028c3
#define XK_braille_dots_378     0x10028c4
#define XK_braille_dots_1378    0x10028c5
#define XK_braille_dots_2378    0x10028c6
#define XK_braille_dots_12378   0x10028c7
#define XK_braille_dots_478     0x10028c8
#define XK_braille_dots_1478    0x10028c9
#define XK_braille_dots_2478    0x10028ca
#define XK_braille_dots_12478   0x10028cb
#define XK_braille_dots_3478    0x10028cc
#define XK_braille_dots_13478   0x10028cd
#define XK_braille_dots_23478   0x10028ce
#define XK_braille_dots_123478  0x10028cf
#define XK_braille_dots_578     0x10028d0
#define XK_braille_dots_1578    0x10028d1
#define XK_braille_dots_2578    0x10028d2
#define XK_braille_dots_12578   0x10028d3
#define XK_braille_dots_3578    0x10028d4
#define XK_braille_dots_13578   0x10028d5
#define XK_braille_dots_23578   0x10028d6
#define XK_braille_dots_123578  0x10028d7
#define XK_braille_dots_4578    0x10028d8
```

© 2008 Linux Foundation

```
#define XK_braille_dots_14578   0x10028d9
#define XK_braille_dots_24578   0x10028da
#define XK_braille_dots_124578  0x10028db
#define XK_braille_dots_34578   0x10028dc
#define XK_braille_dots_134578  0x10028dd
#define XK_braille_dots_234578  0x10028de
#define XK_braille_dots_1234578 0x10028df
#define XK_braille_dots_678     0x10028e0
#define XK_braille_dots_1678    0x10028e1
#define XK_braille_dots_2678    0x10028e2
#define XK_braille_dots_12678   0x10028e3
#define XK_braille_dots_3678    0x10028e4
#define XK_braille_dots_13678   0x10028e5
#define XK_braille_dots_23678   0x10028e6
#define XK_braille_dots_123678  0x10028e7
#define XK_braille_dots_4678    0x10028e8
#define XK_braille_dots_14678   0x10028e9
#define XK_braille_dots_24678   0x10028ea
#define XK_braille_dots_124678  0x10028eb
#define XK_braille_dots_34678   0x10028ec
#define XK_braille_dots_134678  0x10028ed
#define XK_braille_dots_234678  0x10028ee
#define XK_braille_dots_1234678 0x10028ef
#define XK_braille_dots_5678    0x10028f0
#define XK_braille_dots_15678   0x10028f1
#define XK_braille_dots_25678   0x10028f2
#define XK_braille_dots_125678  0x10028f3
#define XK_braille_dots_35678   0x10028f4
#define XK_braille_dots_135678  0x10028f5
#define XK_braille_dots_235678  0x10028f6
#define XK_braille_dots_1235678 0x10028f7
#define XK_braille_dots_45678   0x10028f8
#define XK_braille_dots_145678  0x10028f9
#define XK_braille_dots_245678  0x10028fa
#define XK_braille_dots_1245678 0x10028fb
#define XK_braille_dots_345678  0x10028fc
#define XK_braille_dots_1345678 0x10028fd
#define XK_braille_dots_2345678 0x10028fe
#define XK_braille_dots_12345678        0x10028ff
#define XK_OE   0x13bc
#define XK_oe   0x13bd
#define XK_Ydiaeresis   0x13be
#define XK_EuroSign     0x20ac
#define XK_ISO_Lock     0xfe01
#define XK_ISO_Level2_Latch     0xfe02
#define XK_ISO_Level3_Shift     0xfe03
#define XK_ISO_Level3_Latch     0xfe04
#define XK_ISO_Level3_Lock      0xfe05
#define XK_ISO_Group_Latch      0xfe06
#define XK_ISO_Group_Lock       0xfe07
#define XK_ISO_Next_Group       0xfe08
#define XK_ISO_Next_Group_Lock  0xfe09
#define XK_ISO_Prev_Group       0xfe0a
#define XK_ISO_Prev_Group_Lock  0xfe0b
#define XK_ISO_First_Group      0xfe0c
#define XK_ISO_First_Group_Lock 0xfe0d
#define XK_ISO_Last_Group       0xfe0e
#define XK_ISO_Last_Group_Lock  0xfe0f
#define XK_ISO_Level5_Shift     0xfe11
#define XK_ISO_Level5_Latch     0xfe12
#define XK_ISO_Level5_Lock      0xfe13
#define XK_ISO_Left_Tab 0xfe20
#define XK_ISO_Move_Line_Up     0xfe21
#define XK_ISO_Move_Line_Down   0xfe22
#define XK_ISO_Partial_Line_Up  0xfe23
#define XK_ISO_Partial_Line_Down        0xfe24
```

```
#define XK_ISO_Partial_Space_Left       0xfe25
#define XK_ISO_Partial_Space_Right      0xfe26
#define XK_ISO_Set_Margin_Left  0xfe27
#define XK_ISO_Set_Margin_Right 0xfe28
#define XK_ISO_Release_Margin_Left      0xfe29
#define XK_ISO_Release_Margin_Right     0xfe2a
#define XK_ISO_Release_Both_Margins     0xfe2b
#define XK_ISO_Fast_Cursor_Left 0xfe2c
#define XK_ISO_Fast_Cursor_Right        0xfe2d
#define XK_ISO_Fast_Cursor_Up   0xfe2e
#define XK_ISO_Fast_Cursor_Down 0xfe2f
#define XK_ISO_Continuous_Underline     0xfe30
#define XK_ISO_Discontinuous_Underline  0xfe31
#define XK_ISO_Emphasize        0xfe32
#define XK_ISO_Center_Object    0xfe33
#define XK_ISO_Enter    0xfe34
#define XK_dead_grave   0xfe50
#define XK_dead_acute   0xfe51
#define XK_dead_circumflex      0xfe52
#define XK_dead_tilde   0xfe53
#define XK_dead_macron  0xfe54
#define XK_dead_breve   0xfe55
#define XK_dead_abovedot        0xfe56
#define XK_dead_diaeresis       0xfe57
#define XK_dead_abovering       0xfe58
#define XK_dead_doubleacute     0xfe59
#define XK_dead_caron   0xfe5a
#define XK_dead_cedilla 0xfe5b
#define XK_dead_ogonek  0xfe5c
#define XK_dead_iota    0xfe5d
#define XK_dead_voiced_sound    0xfe5e
#define XK_dead_semivoiced_sound        0xfe5f
#define XK_dead_belowdot        0xfe60
#define XK_dead_hook    0xfe61
#define XK_dead_horn    0xfe62
#define XK_dead_stroke  0xfe63
#define XK_dead_abovecomma      0xfe64
#define XK_dead_psili   0xfe64
#define XK_dead_abovereversedcomma      0xfe65
#define XK_dead_dasia   0xfe66
#define XK_dead_belowring       0xfe67
#define XK_dead_belowmacron     0xfe68
#define XK_dead_belowcircumflex 0xfe69
#define XK_dead_belowtilde      0xfe6a
#define XK_dead_belowbreve      0xfe6b
#define XK_dead_belowdiaeresis  0xfe6c
#define XK_AccessX_Enable       0xfe70
#define XK_AccessX_Feedback_Enable      0xfe71
#define XK_RepeatKeys_Enable    0xfe72
#define XK_SlowKeys_Enable      0xfe73
#define XK_BounceKeys_Enable    0xfe74
#define XK_StickyKeys_Enable    0xfe75
#define XK_MouseKeys_Enable     0xfe76
#define XK_MouseKeys_Accel_Enable       0xfe77
#define XK_Overlay1_Enable      0xfe78
#define XK_Overlay2_Enable      0xfe79
#define XK_AudibleBell_Enable   0xfe7a
#define XK_First_Virtual_Screen 0xfed0
#define XK_Prev_Virtual_Screen  0xfed1
#define XK_Next_Virtual_Screen  0xfed2
#define XK_Last_Virtual_Screen  0xfed4
#define XK_Terminate_Server     0xfed5
#define XK_Pointer_Left 0xfee0
#define XK_Pointer_Right        0xfee1
#define XK_Pointer_Up   0xfee2
#define XK_Pointer_Down 0xfee3
```

© 2008 Linux Foundation

```
#define XK_Pointer_UpLeft       0xfee4
#define XK_Pointer_UpRight      0xfee5
#define XK_Pointer_DownLeft     0xfee6
#define XK_Pointer_DownRight    0xfee7
#define XK_Pointer_Button_Dflt  0xfee8
#define XK_Pointer_Button1      0xfee9
#define XK_Pointer_Button2      0xfeea
#define XK_Pointer_Button3      0xfeeb
#define XK_Pointer_Button4      0xfeec
#define XK_Pointer_Button5      0xfeed
#define XK_Pointer_DblClick_Dflt        0xfeee
#define XK_Pointer_DblClick1    0xfeef
#define XK_Pointer_DblClick2    0xfef0
#define XK_Pointer_DblClick3    0xfef1
#define XK_Pointer_DblClick4    0xfef2
#define XK_Pointer_DblClick5    0xfef3
#define XK_Pointer_Drag_Dflt    0xfef4
#define XK_Pointer_Drag1        0xfef5
#define XK_Pointer_Drag2        0xfef6
#define XK_Pointer_Drag3        0xfef7
#define XK_Pointer_Drag4        0xfef8
#define XK_Pointer_EnableKeys   0xfef9
#define XK_Pointer_Accelerate   0xfefa
#define XK_Pointer_DfltBtnNext  0xfefb
#define XK_Pointer_DfltBtnPrev  0xfefc
#define XK_Pointer_Drag5        0xfefd
#define XK_BackSpace    0xff08
#define XK_Tab  0xff09
#define XK_Linefeed     0xff0a
#define XK_Clear        0xff0b
#define XK_Return       0xff0d
#define XK_Pause        0xff13
#define XK_Scroll_Lock  0xff14
#define XK_Sys_Req      0xff15
#define XK_Escape       0xff1b
#define XK_Multi_key    0xff20
#define XK_Kanji        0xff21
#define XK_Muhenkan     0xff22
#define XK_Henkan       0xff23
#define XK_Henkan_Mode  0xff23
#define XK_Romaji       0xff24
#define XK_Hiragana     0xff25
#define XK_Katakana     0xff26
#define XK_Hiragana_Katakana    0xff27
#define XK_Zenkaku      0xff28
#define XK_Hankaku      0xff29
#define XK_Zenkaku_Hankaku      0xff2a
#define XK_Touroku      0xff2b
#define XK_Massyo       0xff2c
#define XK_Kana_Lock    0xff2d
#define XK_Kana_Shift   0xff2e
#define XK_Eisu_Shift   0xff2f
#define XK_Eisu_toggle  0xff30
#define XK_Hangul       0xff31
#define XK_Hangul_Start 0xff32
#define XK_Hangul_End   0xff33
#define XK_Hangul_Hanja 0xff34
#define XK_Hangul_Jamo  0xff35
#define XK_Hangul_Romaja        0xff36
#define XK_Codeinput    0xff37
#define XK_Hangul_Codeinput     0xff37
#define XK_Kanji_Bangou 0xff37
#define XK_Hangul_Jeonja        0xff38
#define XK_Hangul_Banja 0xff39
#define XK_Hangul_PreHanja      0xff3a
#define XK_Hangul_PostHanja     0xff3b
```

```
#define XK_Hangul_SingleCandidate       0xff3c
#define XK_SingleCandidate      0xff3c
#define XK_Hangul_MultipleCandidate     0xff3d
#define XK_MultipleCandidate    0xff3d
#define XK_Zen_Koho     0xff3d
#define XK_Hangul_PreviousCandidate     0xff3e
#define XK_Mae_Koho     0xff3e
#define XK_PreviousCandidate    0xff3e
#define XK_Hangul_Special       0xff3f
#define XK_Home 0xff50
#define XK_Left 0xff51
#define XK_Up   0xff52
#define XK_Right        0xff53
#define XK_Down 0xff54
#define XK_Page_Up      0xff55
#define XK_Prior        0xff55
#define XK_Next 0xff56
#define XK_Page_Down    0xff56
#define XK_End  0xff57
#define XK_Begin        0xff58
#define XK_Select       0xff60
#define XK_Print        0xff61
#define XK_Execute      0xff62
#define XK_Insert       0xff63
#define XK_Undo 0xff65
#define XK_Redo 0xff66
#define XK_Menu 0xff67
#define XK_Find 0xff68
#define XK_Cancel       0xff69
#define XK_Help 0xff6a
#define XK_Break        0xff6b
#define XK_Arabic_switch        0xff7e
#define XK_Greek_switch 0xff7e
#define XK_Hangul_switch        0xff7e
#define XK_Hebrew_switch        0xff7e
#define XK_ISO_Group_Shift      0xff7e
#define XK_Mode_switch  0xff7e
#define XK_kana_switch  0xff7e
#define XK_script_switch        0xff7e
#define XK_Num_Lock     0xff7f
#define XK_KP_Space     0xff80
#define XK_KP_Tab       0xff89
#define XK_KP_Enter     0xff8d
#define XK_KP_F1        0xff91
#define XK_KP_F2        0xff92
#define XK_KP_F3        0xff93
#define XK_KP_F4        0xff94
#define XK_KP_Home      0xff95
#define XK_KP_Left      0xff96
#define XK_KP_Up        0xff97
#define XK_KP_Right     0xff98
#define XK_KP_Down      0xff99
#define XK_KP_Page_Up   0xff9a
#define XK_KP_Prior     0xff9a
#define XK_KP_Next      0xff9b
#define XK_KP_Page_Down 0xff9b
#define XK_KP_End       0xff9c
#define XK_KP_Begin     0xff9d
#define XK_KP_Insert    0xff9e
#define XK_KP_Delete    0xff9f
#define XK_KP_Multiply  0xffaa
#define XK_KP_Add       0xffab
#define XK_KP_Separator 0xffac
#define XK_KP_Subtract  0xffad
#define XK_KP_Decimal   0xffae
#define XK_KP_Divide    0xffaf
```

```
#define XK_KP_0 0xffb0
#define XK_KP_1 0xffb1
#define XK_KP_2 0xffb2
#define XK_KP_3 0xffb3
#define XK_KP_4 0xffb4
#define XK_KP_5 0xffb5
#define XK_KP_6 0xffb6
#define XK_KP_7 0xffb7
#define XK_KP_8 0xffb8
#define XK_KP_9 0xffb9
#define XK_KP_Equal     0xffbd
#define XK_F1   0xffbe
#define XK_F2   0xffbf
#define XK_F3   0xffc0
#define XK_F4   0xffc1
#define XK_F5   0xffc2
#define XK_F6   0xffc3
#define XK_F7   0xffc4
#define XK_F8   0xffc5
#define XK_F9   0xffc6
#define XK_F10  0xffc7
#define XK_F11  0xffc8
#define XK_L1   0xffc8
#define XK_F12  0xffc9
#define XK_L2   0xffc9
#define XK_F13  0xffca
#define XK_L3   0xffca
#define XK_F14  0xffcb
#define XK_L4   0xffcb
#define XK_F15  0xffcc
#define XK_L5   0xffcc
#define XK_F16  0xffcd
#define XK_L6   0xffcd
#define XK_F17  0xffce
#define XK_L7   0xffce
#define XK_F18  0xffcf
#define XK_L8   0xffcf
#define XK_F19  0xffd0
#define XK_L9   0xffd0
#define XK_F20  0xffd1
#define XK_L10  0xffd1
#define XK_F21  0xffd2
#define XK_R1   0xffd2
#define XK_F22  0xffd3
#define XK_R2   0xffd3
#define XK_F23  0xffd4
#define XK_R3   0xffd4
#define XK_F24  0xffd5
#define XK_R4   0xffd5
#define XK_F25  0xffd6
#define XK_R5   0xffd6
#define XK_F26  0xffd7
#define XK_R6   0xffd7
#define XK_F27  0xffd8
#define XK_R7   0xffd8
#define XK_F28  0xffd9
#define XK_R8   0xffd9
#define XK_F29  0xffda
#define XK_R9   0xffda
#define XK_F30  0xffdb
#define XK_R10  0xffdb
#define XK_F31  0xffdc
#define XK_R11  0xffdc
#define XK_F32  0xffdd
#define XK_R12  0xffdd
#define XK_F33  0xffde
```

```
#define XK_R13  0xffde
#define XK_F34  0xffdf
#define XK_R14  0xffdf
#define XK_F35  0xffe0
#define XK_R15  0xffe0
#define XK_Shift_L      0xffe1
#define XK_Shift_R      0xffe2
#define XK_Control_L    0xffe3
#define XK_Control_R    0xffe4
#define XK_Caps_Lock    0xffe5
#define XK_Shift_Lock   0xffe6
#define XK_Meta_L       0xffe7
#define XK_Meta_R       0xffe8
#define XK_Alt_L        0xffe9
#define XK_Alt_R        0xffea
#define XK_Super_L      0xffeb
#define XK_Super_R      0xffec
#define XK_Hyper_L      0xffed
#define XK_Hyper_R      0xffee
#define XK_braille_dot_1        0xfff1
#define XK_braille_dot_2        0xfff2
#define XK_braille_dot_3        0xfff3
#define XK_braille_dot_4        0xfff4
#define XK_braille_dot_5        0xfff5
#define XK_braille_dot_6        0xfff6
#define XK_braille_dot_7        0xfff7
#define XK_braille_dot_8        0xfff8
#define XK_braille_dot_9        0xfff9
#define XK_braille_dot_10       0xfffa
#define XK_Delete       0xffff
#define XK_VoidSymbol   0xffffff        /* Void symbol */
```

6.3 Interface Definitions for libX11

The interfaces defined on the following pages are included in libX11 and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 6.1 shall behave as described in the referenced base document.

6.4 Interfaces for libSM

Table 6-3 defines the library name and shared object name for the libSM library

Table 6-3 libSM Definition

Library:	libSM
SONAME:	libSM.so.6

The behavior of the interfaces in this library is specified by the following specifications:

[XSM] X11 Session Management

6.4.1 Session Management Functions

6.4.1.1 Interfaces for Session Management Functions

An LSB conforming implementation shall provide the generic functions for Session Management Functions specified in Table 6-4, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-4 libSM - Session Management Functions Function Interfaces

SmFreeProperty [XSM]	SmFreeReasons [XSM]	SmcClientID [XSM]	SmcCloseConnection [XSM]
SmcDeleteProperties [XSM]	SmcGetIceConnection [XSM]	SmcGetProperties [XSM]	SmcInteractDone [XSM]
SmcInteractRequest [XSM]	SmcModifyCallbacks [XSM]	SmcOpenConnection [XSM]	SmcProtocolRevision [XSM]
SmcProtocolVersion [XSM]	SmcRelease [XSM]	SmcRequestSaveYourself [XSM]	SmcRequestSaveYourselfPhase2 [XSM]
SmcSaveYourselfDone [XSM]	SmcSetErrorHandler [XSM]	SmcSetProperties [XSM]	SmcVendor [XSM]
SmsCleanUp [XSM]	SmsClientHostName [XSM]	SmsClientID [XSM]	SmsDie [XSM]
SmsGenerateClientID [XSM]	SmsGetIceConnection [XSM]	SmsInitialize [XSM]	SmsInteract [XSM]
SmsProtocolRevision [XSM]	SmsProtocolVersion [XSM]	SmsRegisterClientReply [XSM]	SmsReturnProperties [XSM]
SmsSaveComplete [XSM]	SmsSaveYourself [XSM]	SmsSaveYourselfPhase2 [XSM]	SmsSetErrorHandler [XSM]
SmsShutdownCancelled [XSM]			

6.5 Data Definitions for libSM

This section defines global identifiers and their values that are associated with interfaces contained in libSM. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

6.5.1 X11/SM/SM.h

```
#define SM_Error        0
#define SmDialogError   0
#define SmInteractStyleNone     0
#define SmProtoMinor    0
#define SmRestartIfRunning      0
#define SmSaveGlobal    0
#define SM_RegisterClient       1
#define SmDialogNormal  1
```

```
#define SmInteractStyleErrors   1
#define SmProtoMajor    1
#define SmRestartAnyway 1
#define SmSaveLocal     1
#define SM_ShutdownCancelled    10
#define SM_CloseConnection      11
#define SM_SetProperties        12
#define SM_DeleteProperties     13
#define SM_GetProperties        14
#define SM_PropertiesReply      15
#define SM_SaveYourselfPhase2Request    16
#define SM_SaveYourselfPhase2   17
#define SM_SaveComplete 18
#define SM_RegisterClientReply  2
#define SmInteractStyleAny      2
#define SmRestartImmediately    2
#define SmSaveBoth      2
#define SM_SaveYourself 3
#define SmRestartNever  3
#define SM_SaveYourselfRequest  4
#define SM_InteractRequest      5
#define SM_Interact     6
#define SM_InteractDone 7
#define SM_SaveYourselfDone     8
#define SM_Die  9
#define SmARRAY8        "ARRAY8"
#define SmCARD8 "CARD8"
#define SmCloneCommand  "CloneCommand"
#define SmCurrentDirectory      "CurrentDirectory"
#define SmDiscardCommand        "DiscardCommand"
#define SmEnvironment   "Environment"
#define SmLISTofARRAY8  "LISTofARRAY8"
#define SmProcessID     "ProcessID"
#define SmProgram       "Program"
#define SmResignCommand "ResignCommand"
#define SmRestartCommand        "RestartCommand"
#define SmRestartStyleHint      "RestartStyleHint"
#define SmShutdownCommand       "ShutdownCommand"
#define SmUserID        "UserID"
```

6.5.2 X11/SM/SMlib.h

```
#define SmcSaveYourselfProcMask (1L << 0)
#define SmsRegisterClientProcMask       (1L << 0)
#define SmcDieProcMask  (1L << 1)
#define SmsInteractRequestProcMask      (1L << 1)
#define SmcSaveCompleteProcMask (1L << 2)
#define SmsInteractDoneProcMask (1L << 2)
#define SmcShutdownCancelledProcMask    (1L << 3)
#define SmsSaveYourselfRequestProcMask  (1L << 3)
#define SmsSaveYourselfP2RequestProcMask        (1L << 4)
#define SmsSaveYourselfDoneProcMask     (1L << 5)
#define SmsCloseConnectionProcMask      (1L << 6)
#define SmsSetPropertiesProcMask        (1L << 7)
#define SmsDeletePropertiesProcMask     (1L << 8)
#define SmsGetPropertiesProcMask        (1L << 9)

typedef void *SmPointer;
typedef struct {
    int length;
    SmPointer value;
} SmPropValue;
typedef struct {
    char *name;
```

```
    char *type;
    int num_vals;
    SmPropValue *vals;
} SmProp;
struct _SmcConn;
typedef struct _SmcConn *SmcConn;
typedef  void  (*SmcSaveYourselfProc)  (SmcConn,  SmPointer,  int,
int, int,
                                        int);
typedef void (*SmcDieProc) (SmcConn, SmPointer);
typedef void (*SmcSaveCompleteProc) (SmcConn, SmPointer);
typedef void (*SmcShutdownCancelledProc) (SmcConn, SmPointer);
typedef struct {
    struct {
        SmcSaveYourselfProc callback;
        SmPointer client_data;
    } save_yourself;
    struct {
        SmcDieProc callback;
        SmPointer client_data;
    } die;
    struct {
        SmcSaveCompleteProc callback;
        SmPointer client_data;
    } save_complete;
    struct {
        SmcShutdownCancelledProc callback;
        SmPointer client_data;
    } shutdown_cancelled;
} SmcCallbacks;
struct _SmsConn;
typedef struct _SmsConn *SmsConn;
typedef void (*SmsErrorHandler) (SmsConn, int, int, long unsigned
int, int,
                                 int, SmPointer);
typedef void (*SmcErrorHandler) (SmcConn, int, int, long unsigned
int, int,
                                 int, SmPointer);
typedef  int  (*SmsRegisterClientProc)  (SmsConn,  SmPointer,  char
*);
typedef void (*SmsInteractRequestProc) (SmsConn, SmPointer, int);
typedef void (*SmsInteractDoneProc) (SmsConn, SmPointer, int);
typedef  void  (*SmsSaveYourselfRequestProc)  (SmsConn,  SmPointer,
int, int,
                                               int, int, int);
typedef   void   (*SmsSaveYourselfPhase2RequestProc)   (SmsConn,
SmPointer);
typedef  void  (*SmsSaveYourselfDoneProc)  (SmsConn,  SmPointer,
int);
typedef void (*SmsCloseConnectionProc) (SmsConn, SmPointer, int,
char **);
typedef  void  (*SmsSetPropertiesProc)  (SmsConn,  SmPointer,  int,
SmProp * *);
typedef void (*SmsDeletePropertiesProc) (SmsConn, SmPointer, int,
char **);
typedef void (*SmsGetPropertiesProc) (SmsConn, SmPointer);
typedef struct {
    struct {
        SmsRegisterClientProc callback;
        SmPointer manager_data;
    } register_client;
    struct {
        SmsInteractRequestProc callback;
        SmPointer manager_data;
    } interact_request;
    struct {
```

```
        SmsInteractDoneProc callback;
        SmPointer manager_data;
    } interact_done;
    struct {
        SmsSaveYourselfRequestProc callback;
        SmPointer manager_data;
    } save_yourself_request;
    struct {
        SmsSaveYourselfPhase2RequestProc callback;
        SmPointer manager_data;
    } save_yourself_phase2_request;
    struct {
        SmsSaveYourselfDoneProc callback;
        SmPointer manager_data;
    } save_yourself_done;
    struct {
        SmsCloseConnectionProc callback;
        SmPointer manager_data;
    } close_connection;
    struct {
        SmsSetPropertiesProc callback;
        SmPointer manager_data;
    } set_properties;
    struct {
        SmsDeletePropertiesProc callback;
        SmPointer manager_data;
    } delete_properties;
    struct {
        SmsGetPropertiesProc callback;
        SmPointer manager_data;
    } get_properties;
} SmsCallbacks;
typedef int (*SmsNewClientProc) (SmsConn, SmPointer, long
unsigned int *,
                                 SmsCallbacks *, char **);
typedef void (*SmcPropReplyProc) (SmcConn, SmPointer, int, SmProp
* *);
typedef void (*SmcInteractProc) (SmcConn, SmPointer);
typedef void (*SmcSaveYourselfPhase2Proc) (SmcConn, SmPointer);
typedef enum {
    SmcClosedNow = 0,
    SmcClosedASAP = 1,
    SmcConnectionInUse = 2
} SmcCloseStatus;
extern void SmFreeProperty(SmProp *);
extern void SmFreeReasons(int, char **);
extern char *SmcClientID(SmcConn);
extern SmcCloseStatus SmcCloseConnection(SmcConn, int, char **);
extern void SmcDeleteProperties(SmcConn, int, char **);
extern IceConn SmcGetIceConnection(SmcConn);
extern     int     SmcGetProperties(SmcConn,     SmcPropReplyProc,
SmPointer);
extern void SmcInteractDone(SmcConn, int);
extern  int  SmcInteractRequest(SmcConn,  int,  SmcInteractProc,
SmPointer);
extern  void  SmcModifyCallbacks(SmcConn,  long  unsigned  int,
SmcCallbacks *);
extern SmcConn SmcOpenConnection(char *, SmPointer, int, int,
                                 long unsigned int, SmcCallbacks
*, char *,
                                 char **, int, char *);
extern int SmcProtocolRevision(SmcConn);
extern int SmcProtocolVersion(SmcConn);
extern char *SmcRelease(SmcConn);
extern  void  SmcRequestSaveYourself(SmcConn,  int,  int,  int,  int,
int);
```

```
extern          int          SmcRequestSaveYourselfPhase2(SmcConn,
SmcSaveYourselfPhase2Proc,
                                        SmPointer);
extern void SmcSaveYourselfDone(SmcConn, int);
extern SmcErrorHandler SmcSetErrorHandler(SmcErrorHandler);
extern void SmcSetProperties(SmcConn, int, SmProp * *);
extern char *SmcVendor(SmcConn);
extern void SmsCleanUp(SmsConn);
extern char *SmsClientHostName(SmsConn);
extern char *SmsClientID(SmsConn);
extern void SmsDie(SmsConn);
extern char *SmsGenerateClientID(SmsConn);
extern IceConn SmsGetIceConnection(SmsConn);
extern  int  SmsInitialize(char  *,  char  *,  SmsNewClientProc,
SmPointer,
                        IceHostBasedAuthProc, int, char *);
extern void SmsInteract(SmsConn);
extern int SmsProtocolRevision(SmsConn);
extern int SmsProtocolVersion(SmsConn);
extern int SmsRegisterClientReply(SmsConn, char *);
extern void SmsReturnProperties(SmsConn, int, SmProp * *);
extern void SmsSaveComplete(SmsConn);
extern void SmsSaveYourself(SmsConn, int, int, int, int);
extern void SmsSaveYourselfPhase2(SmsConn);
extern SmsErrorHandler SmsSetErrorHandler(SmsErrorHandler);
extern void SmsShutdownCancelled(SmsConn);
```

6.5.3 X11/SM/SMproto.h

```
#define sz_smSaveYourselfMsg    16
#define sz_smSaveYourselfRequestMsg     16
#define sz_smCloseConnectionMsg 8
#define sz_smDeletePropertiesMsg        8
#define sz_smDieMsg     8
#define sz_smGetPropertiesMsg   8
#define sz_smInteractDoneMsg    8
#define sz_smInteractMsg        8
#define sz_smInteractRequestMsg 8
#define sz_smPropertiesReplyMsg 8
#define sz_smRegisterClientMsg  8
#define sz_smRegisterClientReplyMsg     8
#define sz_smSaveCompleteMsg    8
#define sz_smSaveYourselfDoneMsg        8
#define sz_smSaveYourselfPhase2Msg      8
#define sz_smSaveYourselfPhase2RequestMsg       8
#define sz_smSetPropertiesMsg   8
#define sz_smShutdownCancelledMsg       8
```

6.6 Interfaces for libICE

Table 6-5 defines the library name and shared object name for the libICE library

Table 6-5 libICE Definition

Library:	libICE
SONAME:	libICE.so.6

The behavior of the interfaces in this library is specified by the following specifications:

[LSB] This Specification

[XICE] X11 Inter-Client Exchange

6.6.1 ICE Functions

6.6.1.1 Interfaces for ICE Functions

An LSB conforming implementation shall provide the generic functions for ICE Functions specified in Table 6-6, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-6 libICE - ICE Functions Function Interfaces

IceAcceptConnection [XICE]	IceAddConnectionWatch [XICE]	IceAllocScratch [XICE]	IceAppLockConn [XICE]
IceAppUnlockConn [XICE]	IceAuthFileName [XICE]	IceCheckShutdownNegotiation [XICE]	IceCloseConnection [XICE]
IceComposeNetworkIdList [XICE]	IceConnectionNumber [XICE]	IceConnectionStatus [XICE]	IceConnectionString [XICE]
IceFlush [XICE]	IceFreeAuthFileEntry [XICE]	IceFreeListenObjs [XICE]	IceGenerateMagicCookie [XICE]
IceGetAuthFileEntry [XICE]	IceGetConnectionContext [XICE]	IceGetInBufSize [XICE]	IceGetListenConnectionNumber [XICE]
IceGetListenConnectionString [XICE]	IceGetOutBufSize [XICE]	IceInitThreads [XICE]	IceLastReceivedSequenceNumber [XICE]
IceLastSentSequenceNumber [XICE]	IceListenForConnections [XICE]	IceListenForWellKnownConnections [XICE]	IceLockAuthFile [XICE]
IceOpenConnection [XICE]	IcePing [XICE]	IceProcessMessages [XICE]	IceProtocolRevision [XICE]
IceProtocolSetup [XICE]	IceProtocolShutdown [XICE]	IceProtocolVersion [XICE]	IceReadAuthFileEntry [XICE]
IceRegisterForProtocolReply [XICE]	IceRegisterForProtocolSetup [XICE]	IceRelease [XICE]	IceRemoveConnectionWatch [XICE]
IceSetErrorHandler [XICE]	IceSetHostBasedAuthProc [XICE]	IceSetIOErrorHandler [XICE]	IceSetPaAuthData [XICE]
IceSetShutdownNegotiation [XICE]	IceSwapping [XICE]	IceUnlockAuthFile [XICE]	IceVendor [XICE]
IceWriteAuthFileEntry [XICE]	_IceRead [LSB]	_IceReadSkip [LSB]	_IceWrite [LSB]

6.7 Data Definitions for libICE

This section defines global identifiers and their values that are associated with interfaces contained in libICE. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of

the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

6.7.1 X11/ICE/ICE.h

```
#define ICE_Error       0
#define IceBadMajor     0
#define IceCanContinue  0
#define IceLSBfirst     0
#define IceProtoMinor   0
#define IceBadMinor     0x8000
#define IceBadState     0x8001
#define IceBadLength    0x8002
#define IceBadValue     0x8003
#define ICE_ByteOrder   1
#define IceFatalToProtocol      1
#define IceMSBfirst     1
#define IceNoAuth       1
#define IceProtoMajor   1
#define ICE_PingReply   10
#define ICE_WantToClose 11
#define ICE_NoClose     12
#define ICE_ConnectionSetup     2
#define IceFatalToConnection    2
#define IceNoVersion    2
#define ICE_AuthRequired        3
#define IceSetupFailed  3
#define ICE_AuthReply   4
#define IceAuthRejected 4
#define ICE_AuthNextPhase       5
#define IceAuthFailed   5
#define ICE_ConnectionReply     6
#define IceProtocolDuplicate    6
#define ICE_ProtocolSetup       7
#define IceMajorOpcodeDuplicate 7
#define ICE_ProtocolReply       8
#define IceUnknownProtocol      8
#define ICE_Ping        9
```

6.7.2 X11/ICE/ICEconn.h

```
struct _XtransConnInfo;
typedef struct {
    char *vendor;
    char *release;
    int version_count;
    IcePoVersionRec *version_recs;
    int auth_count;
    char **auth_names;
    IcePoAuthProc *auth_procs;
    IceIOErrorProc io_error_proc;
} _IcePoProtocol;
```

```
typedef struct {
    char *vendor;
    char *release;
    int version_count;
    IcePaVersionRec *version_recs;
    IceProtocolSetupProc protocol_setup_proc;
    IceProtocolActivateProc protocol_activate_proc;
    int auth_count;
    char **auth_names;
    IcePaAuthProc *auth_procs;
    IceHostBasedAuthProc host_based_auth_proc;
    IceIOErrorProc io_error_proc;
} _IcePaProtocol;
typedef struct {
    char *protocol_name;
    _IcePoProtocol *orig_client;
    _IcePaProtocol *accept_client;
} _IceProtocol;
typedef struct {
    int in_use;
    int my_opcode;
    _IceProtocol *protocol;
    IcePointer client_data;
    int accept_flag;
    union {
        IcePaProcessMsgProc accept_client;
        IcePoProcessMsgProc orig_client;
    } process_msg_proc;
} _IceProcessMsgInfo;
typedef struct _IceSavedReplyWait {
    IceReplyWaitInfo *reply_wait;
    int reply_ready;
    _IceSavedReplyWait *next;
} _IceSavedReplyWait;
typedef struct _IcePingWait {
    IcePingReplyProc ping_reply_proc;
    IcePointer client_data;
    _IcePingWait *next;
} _IcePingWait;
typedef struct {
    int auth_active;
    char my_auth_index;
    IcePointer my_auth_state;
} _IceConnectToYouInfo;
typedef struct {
    int my_opcode;
    int my_auth_count;
    int *my_auth_indices;
    int auth_active;
    char my_auth_index;
    IcePointer my_auth_state;
} _IceProtoSetupToYouInfo;
typedef struct {
    int his_version_index;
    int my_version_index;
    char *his_vendor;
    char *his_release;
    char my_auth_index;
    IcePointer my_auth_state;
    int must_authenticate;
} _IceConnectToMeInfo;
typedef struct {
    int his_opcode;
    int my_opcode;
    int his_version_index;
    int my_version_index;
```

```
    char *his_vendor;
    char *his_release;
    char my_auth_index;
    IcePointer my_auth_state;
    int must_authenticate;
} _IceProtoSetupToMeInfo;
struct _IceConn {
    unsigned int io_ok:1;
    unsigned int swap:1;
    unsigned int waiting_for_byteorder:1;
    unsigned int skip_want_to_close:1;
    unsigned int want_to_close:1;
    unsigned int free_asap:1;
    unsigned int unused1:2;
    unsigned int unused2:8;
    IceConnectStatus connection_status;
    unsigned char my_ice_version_index;
    struct _XtransConnInfo *trans_conn;
    long unsigned int send_sequence;
    long unsigned int receive_sequence;
    char *connection_string;
    char *vendor;
    char *release;
    char *inbuf;
    char *inbufptr;
    char *inbufmax;
    char *outbuf;
    char *outbufptr;
    char *outbufmax;
    char *scratch;
    long unsigned int scratch_size;
    int dispatch_level;
    IcePointer context;
    _IceProcessMsgInfo *process_msg_info;
    char his_min_opcode;
    char his_max_opcode;
    unsigned char open_ref_count;
    unsigned char proto_ref_count;
    IceListenObj listen_obj;
    _IceSavedReplyWait *saved_reply_waits;
    _IcePingWait *ping_waits;
    _IceConnectToYouInfo *connect_to_you;
    _IceProtoSetupToYouInfo *protosetup_to_you;
    _IceConnectToMeInfo *connect_to_me;
    _IceProtoSetupToMeInfo *protosetup_to_me;
};
```

6.7.3 X11/ICE/ICElib.h

```
typedef void *IcePointer;
typedef struct _IceConn *IceConn;
typedef void (*IcePaProcessMsgProc) (IceConn, IcePointer, int,
                                     long unsigned int, int);
typedef struct {
    int major_version;
    int minor_version;
    IcePaProcessMsgProc process_msg_proc;
} IcePaVersionRec;
typedef struct {
    long unsigned int sequence_of_request;
    int major_opcode_of_request;
    int minor_opcode_of_request;
    IcePointer reply;
} IceReplyWaitInfo;
```

```
typedef void (*IcePoProcessMsgProc) (IceConn, IcePointer, int,
                                     long unsigned int, int,
                                     IceReplyWaitInfo *, int *);
typedef struct {
    int major_version;
    int minor_version;
    IcePoProcessMsgProc process_msg_proc;
} IcePoVersionRec;
typedef  IcePoAuthStatus(*IcePoAuthProc)  (IceConn,  IcePointer  *,
int, int,
                                           int, IcePointer, int *,
                                           IcePointer *, char **);
typedef  IcePaAuthStatus(*IcePaAuthProc)  (IceConn,  IcePointer  *,
int, int,
                                                 IcePointer, int *,
IcePointer *,
                                           char **);
typedef enum {
    IceAcceptSuccess = 0,
    IceAcceptFailure = 1,
    IceAcceptBadMalloc = 2
} IceAcceptStatus;
struct _IceListenObj;
typedef struct _IceListenObj *IceListenObj;
typedef enum {
    IceConnectPending = 0,
    IceConnectAccepted = 1,
    IceConnectRejected = 2,
    IceConnectIOError = 3
} IceConnectStatus;
typedef void (*IceIOErrorProc) (IceConn);
typedef  int  (*IceProtocolSetupProc)  (IceConn,  int,  int,  char  *,
char *,
                                        IcePointer *, char **);
typedef void (*IceProtocolActivateProc) (IceConn, IcePointer);
typedef int (*IceHostBasedAuthProc) (char *);
typedef void (*IcePingReplyProc) (IceConn, IcePointer);
typedef enum {
    IceProcessMessagesSuccess = 0,
    IceProcessMessagesIOError = 1,
    IceProcessMessagesConnectionClosed = 2
} IceProcessMessagesStatus;
typedef enum {
    IceClosedNow = 0,
    IceClosedASAP = 1,
    IceConnectionInUse = 2,
    IceStartedShutdownNegotiation = 3
} IceCloseStatus;
typedef enum {
    IceProtocolSetupSuccess = 0,
    IceProtocolSetupFailure = 1,
    IceProtocolSetupIOError = 2,
    IceProtocolAlreadyActive = 3
} IceProtocolSetupStatus;
typedef   void   (*IceWatchProc)   (IceConn,   IcePointer,   int,
IcePointer *);
typedef void (*IceIOErrorHandler) (IceConn);
typedef void (*IceErrorHandler) (IceConn, int, int, long unsigned
int, int,
                                 int, IcePointer);
typedef enum {
    IcePoAuthHaveReply,
    IcePoAuthRejected,
    IcePoAuthFailed,
    IcePoAuthDoneCleanup
} IcePoAuthStatus;
```

```
typedef enum {
    IcePaAuthContinue,
    IcePaAuthAccepted,
    IcePaAuthRejected,
    IcePaAuthFailed
} IcePaAuthStatus;
extern  IceConn  IceAcceptConnection(IceListenObj,  IceAcceptStatus
*);
extern int IceAddConnectionWatch(IceWatchProc, IcePointer);
extern char *IceAllocScratch(IceConn, long unsigned int);
extern void IceAppLockConn(IceConn);
extern void IceAppUnlockConn(IceConn);
extern int IceCheckShutdownNegotiation(IceConn);
extern IceCloseStatus IceCloseConnection(IceConn);
extern char *IceComposeNetworkIdList(int, IceListenObj *);
extern int IceConnectionNumber(IceConn);
extern IceConnectStatus IceConnectionStatus(IceConn);
extern char *IceConnectionString(IceConn);
extern int IceFlush(IceConn);
extern void IceFreeListenObjs(int, IceListenObj *);
extern IcePointer IceGetConnectionContext(IceConn);
extern int IceGetInBufSize(IceConn);
extern int IceGetListenConnectionNumber(IceListenObj);
extern char *IceGetListenConnectionString(IceListenObj);
extern int IceGetOutBufSize(IceConn);
extern int IceInitThreads(void);
extern long unsigned int IceLastReceivedSequenceNumber(IceConn);
extern long unsigned int IceLastSentSequenceNumber(IceConn);
extern int IceListenForConnections(int *, IceListenObj * *, int,
char *);
extern int IceListenForWellKnownConnections(char *, int *,
                                            IceListenObj * *,
int, char *);
extern  IceConn  IceOpenConnection(char  *,  IcePointer,  int,  int,
int,
                                   char *);
extern int IcePing(IceConn, IcePingReplyProc, IcePointer);
extern IceProcessMessagesStatus IceProcessMessages(IceConn,
                                                   IceReplyWaitIn
fo *,
                                                   int *);
extern int IceProtocolRevision(IceConn);
extern   IceProtocolSetupStatus   IceProtocolSetup(IceConn,   int,
IcePointer,
                                                 int, int *, int *,
char **,
                                                 char **, int, char
*);
extern int IceProtocolShutdown(IceConn, int);
extern int IceProtocolVersion(IceConn);
extern  int  IceRegisterForProtocolReply(char  *,  char  *,  char  *,
int,
                                         IcePaVersionRec *, int,
char **,
                                       IcePaAuthProc *,
                                       IceHostBasedAuthProc,
                                       IceProtocolSetupProc,
                                       IceProtocolActivateProc,
                                       IceIOErrorProc);
extern  int  IceRegisterForProtocolSetup(char  *,  char  *,  char  *,
int,
                                         IcePoVersionRec *, int,
char **,
                                                IcePoAuthProc *,
IceIOErrorProc);
extern char *IceRelease(IceConn);
```

```
extern void IceRemoveConnectionWatch(IceWatchProc, IcePointer);
extern IceErrorHandler IceSetErrorHandler(IceErrorHandler);
extern         void         IceSetHostBasedAuthProc(IceListenObj,
IceHostBasedAuthProc);
extern IceIOErrorHandler IceSetIOErrorHandler(IceIOErrorHandler);
extern void IceSetShutdownNegotiation(IceConn, int);
extern int IceSwapping(IceConn);
extern char *IceVendor(IceConn);
```

6.7.4 X11/ICE/ICEmsg.h

```
#define  IceWriteData16(_iceConn,_bytes,_data)       IceWriteData
(_iceConn, _bytes, (char *) _data)
#define  IceWriteData32(_iceConn,_bytes,_data)       IceWriteData
(_iceConn, _bytes, (char *) _data)
#define IceDisposeCompleteMessage(_iceConn,_pData)      if ((char
*) _pData < _iceConn->inbuf || (char *) _pData >= _iceConn-
>inbufmax) \
    free ((char *) _pData);
#define
IceGetHeaderExtra(_iceConn,_major,_minor,_headerSize,_extra,_msgT
ype,_pMsg,_pData)       if ((_iceConn->outbufptr + _headerSize +
((_extra) << 3)) > _iceConn->outbufmax) IceFlush (_iceConn);\
 _pMsg = (_msgType *) _iceConn->outbufptr;\
 if ((_iceConn->outbufptr + _headerSize + ((_extra) << 3)) <=
_iceConn->outbufmax) _pData = (char *) _pMsg + _headerSize;\
 else _pData = ((void *)0);\
 _pMsg->majorOpcode = _major;\
 _pMsg->minorOpcode = _minor;\
  _pMsg->length = ((_headerSize - SIZEOF (iceMsg)) >> 3) +
(_extra);\
 _iceConn->outbufptr += (_headerSize + ((_extra) << 3));\
 _iceConn->send_sequence++
#define
IceGetHeader(_iceConn,_major,_minor,_headerSize,_msgType,_pMsg)
if ((_iceConn->outbufptr + _headerSize) > _iceConn->outbufmax)
IceFlush (_iceConn);\
 _pMsg = (_msgType *) _iceConn->outbufptr;\
 _pMsg->majorOpcode = _major;\
 _pMsg->minorOpcode = _minor;\
 _pMsg->length = (_headerSize - SIZEOF (iceMsg)) >> 3;\
 _iceConn->outbufptr += _headerSize;\
 _iceConn->send_sequence++
#define IceValidIO(_iceConn)    _iceConn->io_ok
#define  IceReadData(_iceConn,_bytes,_pData)            _IceRead
(_iceConn, (unsigned long) (_bytes), (char *) _pData);
#define IceReadSimpleMessage(_iceConn,_msgType,_pMsg)    _pMsg =
(_msgType *) (_iceConn->inbuf);
#define  IceReadPad(_iceConn,_bytes)          {  char  _dummy[7];
_IceRead (_iceConn, (unsigned long) (_bytes), _dummy); }
#define
IceErrorHeader(_iceConn,_offendingMajorOpcode,_offendingMinorOpco
de,_offendingSequenceNum,_severity,_errorClass,_dataLength)
{ iceErrorMsg *_pMsg;\
 IceGetHeader (_iceConn, _offendingMajorOpcode, ICE_Error, SIZEOF
(iceErrorMsg), iceErrorMsg, _pMsg);\
 _pMsg->length += (_dataLength);\
 _pMsg->offendingMinorOpcode = _offendingMinorOpcode;\
 _pMsg->severity = _severity;\
 _pMsg->offendingSequenceNum = _offendingSequenceNum;\
 _pMsg->errorClass = _errorClass;\
 }
#define IceSimpleMessage(_iceConn,_major,_minor)         { iceMsg
*_pMsg; IceGetHeader (_iceConn, _major, _minor, SIZEOF (iceMsg),
```

```
iceMsg, _pMsg) }
#define  IceWritePad(_iceConn,_bytes)         {  if  ((_iceConn-
>outbufptr + (_bytes)) > _iceConn->outbufmax) { char _dummy[7];\
 IceFlush (_iceConn);\
 _IceWrite (_iceConn, (unsigned long) (_bytes), _dummy);\
 } else { _iceConn->outbufptr += (_bytes);\
 } }
#define IceWriteData(_iceConn,_bytes,_data)      { if ((_iceConn-
>outbufptr  +  (_bytes))  >  _iceConn->outbufmax)  {  IceFlush
(_iceConn);\
 _IceWrite (_iceConn, (unsigned long) (_bytes), _data);\
 } else { memcpy (_iceConn->outbufptr, _data, _bytes);\
 _iceConn->outbufptr += (_bytes);\
 } }
#define IceSendData(_iceConn,_bytes,_data)       { if (_iceConn-
>outbufptr > _iceConn->outbuf) IceFlush (_iceConn);\
 _IceWrite (_iceConn, (unsigned long) (_bytes), _data);\
 }
#define
IceReadCompleteMessage(_iceConn,_headerSize,_msgType,_pMsg,_pData
)      { \
    unsigned long _bytes; \
        IceReadMessageHeader  (_iceConn,  _headerSize,  _msgType,
_pMsg); \
       _bytes  =  (_pMsg->length  <<  3)  -  (_headerSize  -  SIZEOF
(iceMsg)); \
    if ((_iceConn->inbufmax - _iceConn->inbufptr) >= _bytes) \
    { \
        _IceRead (_iceConn, _bytes, _iceConn->inbufptr); \
        _pData = _iceConn->inbufptr; \
        _iceConn->inbufptr += _bytes; \
    } \
    else \
    { \
        _pData = (char *) malloc ((unsigned) _bytes); \
        if (_pData) \
            _IceRead (_iceConn, _bytes, _pData); \
        else \
            _IceReadSkip (_iceConn, _bytes); \
    } \
}
#define               IceReadData16(_iceConn,_swap,_bytes,_pData)
{ _IceRead (_iceConn, (unsigned long) (_bytes), (char *) _pData);
}
#define               IceReadData32(_iceConn,_swap,_bytes,_pData)
{ _IceRead (_iceConn, (unsigned long) (_bytes), (char *) _pData);
}
#define  IceReadMessageHeader(_iceConn,_headerSize,_msgType,_pMsg)
{  _IceRead  (_iceConn,  (unsigned  long)  (_headerSize  -  SIZEOF
(iceMsg)), _iceConn->inbufptr);\
 _pMsg = (_msgType *) (_iceConn->inbuf);\
 _iceConn->inbufptr += (_headerSize - SIZEOF (iceMsg));\
 }

extern int _IceRead(IceConn, unsigned long int, char *);
extern void _IceReadSkip(IceConn, unsigned long int);
extern void _IceWrite(IceConn, unsigned long int, char *);
```

6.7.5 X11/ICE/ICEproto.h

```
#define sz_iceAuthNextPhaseMsg  16
#define sz_iceAuthReplyMsg      16
#define sz_iceAuthRequiredMsg   16
#define sz_iceConnectionSetupMsg        16
```

```
#define sz_iceErrorMsg  16
#define sz_iceProtocolSetupMsg  16
#define sz_iceByteOrderMsg      8
#define sz_iceConnectionReplyMsg        8
#define sz_iceMsg       8
#define sz_iceNoCloseMsg        8
#define sz_icePingMsg   8
#define sz_icePingReplyMsg      8
#define sz_iceProtocolReplyMsg  8
#define sz_iceWantToCloseMsg    8

typedef iceErrorMsg icePingMsg;
typedef iceErrorMsg icePingReplyMsg;
typedef iceErrorMsg iceWantToCloseMsg;
typedef iceErrorMsg iceNoCloseMsg;
```

6.7.6 X11/ICE/ICEutil.h

```
#define IceAuthLockSuccess      0
#define IceAuthLockError        1
#define IceAuthLockTimeout      2

typedef struct {
    char *protocol_name;
    char *network_id;
    char *auth_name;
    short unsigned int auth_data_length;
    char *auth_data;
} IceAuthDataEntry;
typedef struct {
    char *protocol_name;
    short unsigned int protocol_data_length;
    char *protocol_data;
    char *network_id;
    char *auth_name;
    short unsigned int auth_data_length;
    char *auth_data;
} IceAuthFileEntry;
extern char *IceAuthFileName(void);
extern void IceFreeAuthFileEntry(IceAuthFileEntry *);
extern char *IceGenerateMagicCookie(int);
extern IceAuthFileEntry *IceGetAuthFileEntry(char *, char *, char
*);
extern int IceLockAuthFile(char *, int, int, long int);
extern IceAuthFileEntry *IceReadAuthFileEntry(FILE *);
extern void IceSetPaAuthData(int, IceAuthDataEntry *);
extern void IceUnlockAuthFile(char *);
extern int IceWriteAuthFileEntry(FILE *, IceAuthFileEntry *);
```

6.8 Interface Definitions for libICE

The interfaces defined on the following pages are included in libICE and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 6.6 shall behave as described in the referenced base document.

_IceRead

Name

_IceRead — read the specified number of bytes from an ICE connection

Synopsis

```
#include <X11/ICE/ICEmsg.h>
int _IceRead(IceConn iceConn, unsigned long int nbytes, char * ptr);
```

Description

The interface _IceRead() shall read the specified number of bytes from an Inter-Client Exchange connection.

The parameter *iceConn* shall specify the Inter-Client Exchange connection.

The parameter *nbytes* shall specify the number of bytes to read.

The output parameter *ptr* shall contain the data that was read.

Return Value

_IceRead() shall return 0 if it detects that the connection has closed and this was expected.

In the case of a fatal I/O error, _IceRead() shall return 1.

See Also

_IceReadSkip(), _IceWrite().

_IceReadSkip

Name

_IceReadSkip — advance to the end of the message when a bad header is read

Synopsis

```
#include <X11/ICE/ICEmsg.h>
void _IceReadSkip(IceConn iceConn, unsigned long int nbytes);
```

Description

The interface _IceReadSkip() shall advance to the end of the message when a header with a bad major or minor opcode is read, so the next message can be processed correctly.

The parameter *iceConn* shall specify the Inter-Client Exchange connection.

The parameter *nbytes* shall specify the number of bytes to skip. If the number of bytes specified is less than 512, the interface shall assume 512 bytes should be skipped.

See Also

_IceRead(), _IceWrite().

_IceWrite

Name

_IceWrite — write the specified number of bytes of data to an ICE connection

Synopsis

```
#include <X11/ICE/ICEmsg.h>
void _IceWrite(IceConn iceConn, unsigned long int nbytes, char *
ptr);
```

Description

The interface _IceWrite() shall write the specified number of bytes to an Inter-Client Exchange connection.

The parameter *iceConn* shall specify the Inter-Client Exchange connection.

The parameter *nbytes* shall specify the number of bytes of the specified data to write.

The parameter *ptr* shall contain the data to write.

See Also

_IceRead(), _IceReadSkip().

6.9 Interfaces for libXt

Table 6-7 defines the library name and shared object name for the libXt library

Table 6-7 libXt Definition

Library:	libXt
SONAME:	libXt.so.6

The behavior of the interfaces in this library is specified by the following specifications:

[LSB] This Specification

[Xt] X11 Toolkit Intrinsics

6.9.1 X Toolkit

6.9.1.1 Interfaces for X Toolkit

An LSB conforming implementation shall provide the generic functions for X Toolkit specified in Table 6-8, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-8 libXt - X Toolkit Function Interfaces

XtAddActions [Xt]	XtAddCallback [Xt]	XtAddCallbacks [Xt]	XtAddConverter [Xt]
XtAddEventHandler [Xt]	XtAddExposureToRegion [Xt]	XtAddGrab [Xt]	XtAddInput [Xt]
XtAddRawEventHandler [Xt]	XtAddSignal [Xt]	XtAddTimeOut [Xt]	XtAddWorkProc [Xt]
XtAllocateGC [Xt]	XtAppAddActionHook [Xt]	XtAppAddActions [Xt]	XtAppAddBlockHook [Xt]
XtAppAddConverter [Xt]	XtAppAddInput [Xt]	XtAppAddSignal [Xt]	XtAppAddTimeOut [Xt]
XtAppAddWorkProc [Xt]	XtAppCreateShell [Xt]	XtAppError [Xt]	XtAppErrorMsg [Xt]
XtAppGetErrorDatabase [Xt]	XtAppGetErrorDatabaseText [Xt]	XtAppGetExitFlag [Xt]	XtAppGetSelectionTimeout [Xt]
XtAppInitialize [Xt]	XtAppLock [Xt]	XtAppMainLoop [Xt]	XtAppNextEvent [Xt]
XtAppPeekEvent [Xt]	XtAppPending [Xt]	XtAppProcessEvent [Xt]	XtAppReleaseCacheRefs [Xt]
XtAppSetErrorHandler [Xt]	XtAppSetErrorMsgHandler [Xt]	XtAppSetExitFlag [Xt]	XtAppSetFallbackResources [Xt]
XtAppSetSelectionTimeout [Xt]	XtAppSetTypeConverter [Xt]	XtAppSetWarningHandler [Xt]	XtAppSetWarningMsgHandler [Xt]
XtAppUnlock [Xt]	XtAppWarning [Xt]	XtAppWarningMsg [Xt]	XtAugmentTranslations [Xt]
XtBuildEventMask [Xt]	XtCallAcceptFocus [Xt]	XtCallActionProc [Xt]	XtCallCallbackList [Xt]
XtCallCallbacks [Xt]	XtCallConverter [Xt]	XtCallbackExclusive [Xt]	XtCallbackNone [Xt]

XtCallbackNonexclusive [Xt]	XtCallbackPopdown [Xt]	XtCallbackReleaseCacheRef [Xt]	XtCallbackReleaseCacheRefList [Xt]
XtCalloc [Xt]	XtCancelSelectionRequest [Xt]	XtChangeManagedSet [Xt]	XtClass [Xt]
XtCloseDisplay [Xt]	XtConfigureWidget [Xt]	XtConvert [Xt]	XtConvertAndStore [Xt]
XtConvertCase [Xt]	XtCreateApplicationContext [Xt]	XtCreateApplicationShell [Xt]	XtCreateManagedWidget [Xt]
XtCreatePopupShell [Xt]	XtCreateSelectionRequest [Xt]	XtCreateWidget [Xt]	XtCreateWindow [Xt]
XtCvtColorToPixel [Xt]	XtCvtIntToBool [Xt]	XtCvtIntToBoolean [Xt]	XtCvtIntToColor [Xt]
XtCvtIntToFloat [Xt]	XtCvtIntToFont [Xt]	XtCvtIntToPixel [Xt]	XtCvtIntToPixmap [Xt]
XtCvtIntToShort [Xt]	XtCvtIntToUnsignedChar [Xt]	XtCvtStringToAcceleratorTable [Xt]	XtCvtStringToAtom [Xt]
XtCvtStringToBool [Xt]	XtCvtStringToBoolean [Xt]	XtCvtStringToCommandArgArray [Xt]	XtCvtStringToCursor [Xt]
XtCvtStringToDimension [Xt]	XtCvtStringToDirectoryString [Xt]	XtCvtStringToDisplay [Xt]	XtCvtStringToFile [Xt]
XtCvtStringToFloat [Xt]	XtCvtStringToFont [Xt]	XtCvtStringToFontSet [Xt]	XtCvtStringToFontStruct [Xt]
XtCvtStringToGravity [Xt]	XtCvtStringToInitialState [Xt]	XtCvtStringToInt [Xt]	XtCvtStringToPixel [Xt]
XtCvtStringToRestartStyle [Xt]	XtCvtStringToShort [Xt]	XtCvtStringToTranslationTable [Xt]	XtCvtStringToUnsignedChar [Xt]
XtCvtStringToVisual [Xt]	XtDatabase [Xt]	XtDestroyApplicationContext [Xt]	XtDestroyGC [Xt]
XtDestroyWidget [Xt]	XtDirectConvert [Xt]	XtDisownSelection [Xt]	XtDispatchEvent [Xt]
XtDispatchEventToWidget [Xt]	XtDisplay [Xt]	XtDisplayInitialize [Xt]	XtDisplayOfObject [Xt]
XtDisplayStringConversionWarning [Xt]	XtDisplayToApplicationContext [Xt]	XtError [Xt]	XtErrorMsg [Xt]
XtFindFile [Xt]	XtFree [Xt]	XtGetActionKeysym [Xt]	XtGetActionList [Xt]
XtGetApplicationNameAndClass [Xt]	XtGetApplicationResources [Xt]	XtGetClassExtension [Xt]	XtGetConstraintResourceList [Xt]

XtGetDisplays [Xt]	XtGetErrorDatabase [Xt]	XtGetErrorDatabaseText [Xt]	XtGetGC [Xt]
XtGetKeyboardFocusWidget [Xt]	XtGetKeysymTable [Xt]	XtGetMultiClickTime [Xt]	XtGetResourceList [Xt]
XtGetSelectionParameters [Xt]	XtGetSelectionRequest [Xt]	XtGetSelectionTimeout [Xt]	XtGetSelectionValue [Xt]
XtGetSelectionValueIncremental [Xt]	XtGetSelectionValues [Xt]	XtGetSelectionValuesIncremental [Xt]	XtGetSubresources [Xt]
XtGetSubvalues [Xt]	XtGetValues [Xt]	XtGrabButton [Xt]	XtGrabKey [Xt]
XtGrabKeyboard [Xt]	XtGrabPointer [Xt]	XtHasCallbacks [Xt]	XtHooksOfDisplay [Xt]
XtInitialize [Xt]	XtInitializeWidgetClass [Xt]	XtInsertEventHandler [Xt]	XtInsertEventTypeHandler [Xt]
XtInsertRawEventHandler [Xt]	XtInstallAccelerators [Xt]	XtInstallAllAccelerators [Xt]	XtIsApplicationShell [Xt]
XtIsComposite [Xt]	XtIsConstraint [Xt]	XtIsManaged [Xt]	XtIsObject [Xt]
XtIsOverrideShell [Xt]	XtIsRealized [Xt]	XtIsRectObj [Xt]	XtIsSensitive [Xt]
XtIsSessionShell [Xt]	XtIsShell [Xt]	XtIsSubclass [Xt]	XtIsTopLevelShell [Xt]
XtIsTransientShell [Xt]	XtIsVendorShell [Xt]	XtIsWMShell [Xt]	XtIsWidget [Xt]
XtKeysymToKeycodeList [Xt]	XtLastEventProcessed [Xt]	XtLastTimestampProcessed [Xt]	XtMainLoop [Xt]
XtMakeGeometryRequest [Xt]	XtMakeResizeRequest [Xt]	XtMalloc [Xt]	XtManageChild [Xt]
XtManageChildren [Xt]	XtMapWidget [Xt]	XtMenuPopupAction [Xt]	XtMergeArgLists [Xt]
XtMoveWidget [Xt]	XtName [Xt]	XtNameToWidget [Xt]	XtNewString [Xt]
XtNextEvent [Xt]	XtNoticeSignal [Xt]	XtOpenApplication [Xt]	XtOpenDisplay [Xt]
XtOverrideTranslations [Xt]	XtOwnSelection [Xt]	XtOwnSelectionIncremental [Xt]	XtParent [Xt]
XtParseAcceleratorTable [Xt]	XtParseTranslationTable [Xt]	XtPeekEvent [Xt]	XtPending [Xt]
XtPopdown [Xt]	XtPopup [Xt]	XtPopupSpringLoaded [Xt]	XtProcessEvent [Xt]
XtProcessLock [Xt]	XtProcessUnlock [Xt]	XtQueryGeometry [Xt]	XtRealizeWidget [Xt]
XtRealloc [Xt]	XtRegisterCaseConverter [Xt]	XtRegisterDrawable [Xt]	XtRegisterExtensionSelector [Xt]
XtRegisterGrab	XtReleaseGC	XtReleaseProper	XtRemoveAction

Action [Xt]	[Xt]	tyAtom [Xt]	Hook [Xt]
XtRemoveAllCallbacks [Xt]	XtRemoveBlockHook [Xt]	XtRemoveCallback [Xt]	XtRemoveCallbacks [Xt]
XtRemoveEventHandler [Xt]	XtRemoveEventTypeHandler [Xt]	XtRemoveGrab [Xt]	XtRemoveInput [Xt]
XtRemoveRawEventHandler [Xt]	XtRemoveSignal [Xt]	XtRemoveTimeOut [Xt]	XtRemoveWorkProc [Xt]
XtReservePropertyAtom [Xt]	XtResizeWidget [Xt]	XtResizeWindow [Xt]	XtResolvePathname [Xt]
XtScreen [Xt]	XtScreenDatabase [Xt]	XtScreenOfObject [Xt]	XtSendSelectionRequest [Xt]
XtSessionGetToken [Xt]	XtSessionReturnToken [Xt]	XtSetErrorHandler [Xt]	XtSetErrorMsgHandler [Xt]
XtSetEventDispatcher [Xt]	XtSetKeyTranslator [Xt]	XtSetKeyboardFocus [Xt]	XtSetLanguageProc [Xt]
XtSetMappedWhenManaged [Xt]	XtSetMultiClickTime [Xt]	XtSetSelectionParameters [Xt]	XtSetSelectionTimeout [Xt]
XtSetSensitive [Xt]	XtSetSubvalues [Xt]	XtSetTypeConverter [Xt]	XtSetValues [Xt]
XtSetWMColormapWindows [Xt]	XtSetWarningHandler [Xt]	XtSetWarningMsgHandler [Xt]	XtStringConversionWarning [Xt]
XtSuperclass [Xt]	XtToolkitInitialize [Xt]	XtToolkitThreadInitialize [Xt]	XtTranslateCoords [Xt]
XtTranslateKey [Xt]	XtTranslateKeycode [Xt]	XtUngrabButton [Xt]	XtUngrabKey [Xt]
XtUngrabKeyboard [Xt]	XtUngrabPointer [Xt]	XtUninstallTranslations [Xt]	XtUnmanageChild [Xt]
XtUnmanageChildren [Xt]	XtUnmapWidget [Xt]	XtUnrealizeWidget [Xt]	XtUnregisterDrawable [Xt]
XtVaAppCreateShell [Xt]	XtVaAppInitialize [Xt]	XtVaCreateArgsList [Xt]	XtVaCreateManagedWidget [Xt]
XtVaCreatePopupShell [Xt]	XtVaCreateWidget [Xt]	XtVaGetApplicationResources [Xt]	XtVaGetSubresources [Xt]
XtVaGetSubvalues [Xt]	XtVaGetValues [Xt]	XtVaOpenApplication [Xt]	XtVaSetSubvalues [Xt]
XtVaSetValues [Xt]	XtWarning [Xt]	XtWarningMsg [Xt]	XtWidgetToApplicationContext [Xt]
XtWindow [Xt]	XtWindowOfObject [Xt]	XtWindowToWidget [Xt]	_XtCheckSubclassFlag [Xt]
_XtCopyFromArg [LSB]	_XtInherit [LSB]	_XtIsSubclassOf [LSB]	

An LSB conforming implementation shall provide the generic data interfaces for X Toolkit specified in Table 6-9, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-9 libXt - X Toolkit Data Interfaces

XtCXtToolkitError [Xt]	XtShellStrings [Xt]	XtStrings [Xt]	_XtInheritTranslations [LSB]
applicationShellWidgetClass [Xt]	compositeClassRec [Xt]	compositeWidgetClass [Xt]	constraintClassRec [Xt]
constraintWidgetClass [Xt]	coreWidgetClass [Xt]	objectClass [Xt]	objectClassRec [Xt]
overrideShellClassRec [Xt]	overrideShellWidgetClass [Xt]	rectObjClass [Xt]	rectObjClassRec [Xt]
sessionShellClassRec [Xt]	sessionShellWidgetClass [Xt]	shellClassRec [Xt]	shellWidgetClass [Xt]
topLevelShellClassRec [Xt]	topLevelShellWidgetClass [Xt]	transientShellClassRec [Xt]	transientShellWidgetClass [Xt]
widgetClass [Xt]	widgetClassRec [Xt]	wmShellClassRec [Xt]	wmShellWidgetClass [Xt]

6.10 Data Definitions for libXt

This section defines global identifiers and their values that are associated with interfaces contained in libXt. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

6.10.1 X11/Composite.h

```
#define _XtComposite_h  1

typedef void (*XtDoChangeProc) (Widget, WidgetList, Cardinal *,
WidgetList,
                                Cardinal *, XtPointer);
typedef struct _CompositeClassRec *CompositeWidgetClass;
typedef Cardinal(*XtOrderProc) (Widget);
extern     void     XtChangeManagedSet(WidgetList,     Cardinal,
XtDoChangeProc,
                               XtPointer, WidgetList, Cardinal);
extern void XtManageChild(Widget);
extern void XtManageChildren(WidgetList, Cardinal);
extern void XtUnmanageChild(Widget);
```

```
extern void XtUnmanageChildren(WidgetList, Cardinal);
extern WidgetClass compositeWidgetClass;
```

6.10.2 X11/CompositeP.h

```
#define  XtInheritGeometryManager            ((XtGeometryHandler)
_XtInherit)
#define XtInheritChangeManaged  ((XtWidgetProc) _XtInherit)
#define XtInheritDeleteChild    ((XtWidgetProc) _XtInherit)
#define XtInheritInsertChild    ((XtWidgetProc) _XtInherit)
#define _XtCompositeP_h 1
#define XtCompositeExtensionVersion     2L

typedef struct _CompositePart {
    WidgetList children;
    Cardinal num_children;
    Cardinal num_slots;
    XtOrderProc insert_position;
} CompositePart;
typedef struct _CompositeClassPart {
    XtGeometryHandler geometry_manager;
    XtWidgetProc change_managed;
    XtWidgetProc insert_child;
    XtWidgetProc delete_child;
    XtPointer extension;
} CompositeClassPart;
typedef struct _CompositePart *CompositePtr;
typedef struct _CompositeRec {
    CorePart core;
    CompositePart composite;
} CompositeRec;
typedef struct _CompositeClassPart *CompositePartPtr;
typedef struct {
    XtPointer next_extension;
    XrmQuark record_type;
    long int version;
    Cardinal record_size;
    Boolean accepts_objects;
    Boolean allows_change_managed_set;
} CompositeClassExtensionRec;
typedef CompositeClassExtensionRec *CompositeClassExtension;

typedef struct _CompositeClassRec CompositeClassRec;
extern CompositeClassRec compositeClassRec;
```

6.10.3 X11/ConstrainP.h

```
#define XtConstraintExtensionVersion    1L

typedef struct _ConstraintPart {
    XtPointer mumble;           /* No new fields, keep C compiler
happy */
} ConstraintPart;
typedef struct _ConstraintClassRec *ConstraintClassRec;
typedef struct _ConstraintClassPart {
    XtResourceList resources;
    Cardinal num_resources;
    Cardinal constraint_size;
    XtInitProc initialize;
    XtWidgetProc destroy;
    XtSetValuesFunc set_values;
    XtPointer extension;
} ConstraintClassPart;
```

```
struct _ConstraintClassRec {
    CoreClassPart core_class;
    CompositeClassPart composite_class;
    ConstraintClassPart constraint_class;
};
typedef struct _ConstraintRec {
    CorePart core;
    CompositePart composite;
    ConstraintPart constraint;
} ConstraintRec;
typedef struct _ConstraintRec *ConstraintWidget;
typedef struct {
    XtPointer next_extension;
    XrmQuark record_type;
    long int version;
    Cardinal record_size;
    XtArgsProc get_values_hook;
} ConstraintClassExtensionRec;
typedef ConstraintClassExtensionRec *ConstraintClassExtension;
extern ConstraintClassRec constraintClassRec;
```

6.10.4 X11/Constraint.h

```
#define _XtConstraint_h 1

typedef struct _ConstraintClassRec *ConstraintWidgetClass;
extern WidgetClass constraintWidgetClass;
```

6.10.5 X11/Core.h

```
#define _XtCore_h       1

typedef struct _WidgetClassRec *CoreWidgetClass;
typedef struct _WidgetClassRec *CoreWidget;
extern WidgetClass coreWidgetClass;
extern WidgetClass widgetClass;
```

6.10.6 X11/CoreP.h

```
#define  XtInheritSetValuesAlmost                ((XtAlmostProc)
_XtInherit)
#define XtInheritRealize        ((XtRealizeProc) _XtInherit)
#define   XtInheritDisplayAccelerator             ((XtStringProc)
_XtInherit)
#define XtInheritResize ((XtWidgetProc) _XtInherit)
#define XtCoreP_h_      1

typedef struct _CorePart {
    Widget self;
    WidgetClass widget_class;
    Widget parent;
    XrmName xrm_name;
    Boolean being_destroyed;
    XtCallbackList destroy_callbacks;
    XtPointer constraints;
    Position x;
    Position y;
    Dimension width;
    Dimension height;
    Dimension border_width;
    Boolean managed;
```

```
    Boolean sensitive;
    Boolean ancestor_sensitive;
    XtEventTable event_table;
    XtTMRec tm;
    XtTranslations accelerators;
    Pixel border_pixel;
    Pixmap border_pixmap;
    WidgetList popup_list;
    Cardinal num_popups;
    String name;
    Screen *screen;
    Colormap colormap;
    Window window;
    Cardinal depth;
    Pixel background_pixel;
    Pixmap background_pixmap;
    Boolean visible;
    Boolean mapped_when_managed;
} CorePart;
typedef struct _CoreClassPart {
    WidgetClass superclass;
    String class_name;
    Cardinal widget_size;
    XtProc class_initialize;
    XtWidgetClassProc class_part_initialize;
    XtEnum class_inited;
    XtInitProc initialize;
    XtArgsProc initialize_hook;
    XtRealizeProc realize;
    XtActionList actions;
    Cardinal num_actions;
    XtResourceList resources;
    Cardinal num_resources;
    XrmClass xrm_class;
    Boolean compress_motion;
    XtEnum compress_exposure;
    Boolean compress_enterleave;
    Boolean visible_interest;
    XtWidgetProc destroy;
    XtWidgetProc resize;
    XtExposeProc expose;
    XtSetValuesFunc set_values;
    XtArgsFunc set_values_hook;
    XtAlmostProc set_values_almost;
    XtArgsProc get_values_hook;
    XtAcceptFocusProc accept_focus;
    XtVersionType version;
    XtPointer callback_private;
    String tm_table;
    XtGeometryHandler query_geometry;
    XtStringProc display_accelerator;
    XtPointer extension;
} CoreClassPart;
typedef struct _WidgetRec {
    CorePart core;
} WidgetRec;
typedef struct _WidgetRec {
    CorePart core;
} CoreRec;
typedef struct _WidgetClassRec {
    CoreClassPart core_class;
} WidgetClassRec;
typedef struct _WidgetClassRec {
    CoreClassPart core_class;
} CoreClassRec;
extern int _XtInheritTranslations;
```

```
extern WidgetClassRec widgetClassRec;
```

6.10.7 X11/EventI.h

```
typedef struct _XtGrabRec *XtGrabList;
typedef struct _XtGrabRec {
    XtGrabList next;
    Widget widget;
    unsigned int exclusive:1;
    unsigned int spring_loaded:1;
} XtGrabRec;
typedef struct _XtEventRec {
    XtEventTable next;
    EventMask mask;
    XtEventHandler proc;
    XtPointer closure;
    unsigned int select:1;
    unsigned int has_type_specifier:1;
    unsigned int async:1;
} XtEventRec;
```

6.10.8 X11/Intrinsic.h

```
#define   XtOffset(p_type,field)      ((Cardinal)   (((char   *)
(&(((p_type)NULL)->field))) - ((char *) NULL)))
#define   XtNumber(arr)          ((Cardinal)   (sizeof(arr)   /
sizeof(arr[0])))
#define XtAllEvents     ((EventMask) -1L)
#define XtUnspecifiedPixmap     ((Pixmap)2)
#define  XtNew(type)            ((type   *)  XtMalloc((unsigned)
sizeof(type)))
#define  XtSetArg(arg,n,d)           ((void)(  (arg).name  =  (n),
(arg).value = (XtArgVal)(d) ))
#define XtUnspecifiedWindow     ((Window)2)
#define XtUnspecifiedWindowGroup        ((Window)3)
#define XtUnspecifiedShellInt   (-1)
#define XtCWQueryOnly   (1 << 7)
#define XtInputReadMask (1L<<0)
#define XtInputWriteMask        (1L<<1)
#define XtInputExceptMask       (1L<<2)
#define XT_CONVERT_FAIL (Atom)0x80000001
#define  XtIMAll  (XtIMXEvent  |  XtIMTimer  |  XtIMAlternateInput  |
XtIMSignal)
#define  XtIsRectObj(object)        (_XtCheckSubclassFlag(object,
(XtEnum)0x02))
#define  XtIsWidget(object)         (_XtCheckSubclassFlag(object,
(XtEnum)0x04))
#define  XtIsComposite(widget)      (_XtCheckSubclassFlag(widget,
(XtEnum)0x08))
#define  XtIsConstraint(widget)     (_XtCheckSubclassFlag(widget,
(XtEnum)0x10))
#define  XtIsShell(widget)          (_XtCheckSubclassFlag(widget,
(XtEnum)0x20))
#define  XtIsWMShell(widget)        (_XtCheckSubclassFlag(widget,
(XtEnum)0x40))
#define XtInputNoneMask 0L
#define XtCacheNone     0x001
#define XtCacheAll      0x002
#define XtCacheByDisplay        0x003
#define XtCacheRefCount 0x100
#define XtIMXEvent      1
#define _XtIntrinsic_h  1
#define XtIMTimer       2
```

```
#define XtIMAlternateInput      4
#define XtSMDontChange  5
#define XtSpecificationRelease  6
#define XtIMSignal      8
#define _XtString       char*
#define externalref     extern
#define _XtBoolean      int
#define _XtPosition     int
#define XtOffsetOf(s_type,field)        offsetof(s_type,field)
#define _XtDimension    unsigned int
#define _XtKeyCode      unsigned int
#define _XtXtEnum       unsigned int
#define XtCurrentDirectory      "XtCurrentDirectory"
#define XtCvtPixelToColor       XtCvtIntToColor
#define XtCvtIntToDimension     XtCvtIntToShort
#define XtCvtIntToPosition      XtCvtIntToShort
#define XtCvtStringToPosition   XtCvtStringToShort
#define XtDefaultBackground     "XtDefaultBackground"
#define XtDefaultFont   "XtDefaultFont"
#define XtDefaultFontSet        "XtDefaultFontSet"
#define XtDefaultForeground     "XtDefaultForeground"
#define XtVaNestedList  "XtVaNestedList"
#define XtVaTypedArg    "XtVaTypedArg"

typedef unsigned int Cardinal;
typedef void *XtPointer;
struct _WidgetRec;
typedef struct _WidgetRec *Widget;
typedef char *String;
typedef unsigned int XtGeometryMask;
typedef short int Position;
typedef short unsigned int Dimension;
typedef struct {
    XtGeometryMask request_mode;
    Position x;
    Position y;
    Dimension width;
    Dimension height;
    Dimension border_width;
    Widget sibling;
    int stack_mode;
} XtWidgetGeometry;
typedef unsigned int Modifiers;
typedef void *XtCacheRef;
typedef struct _XtResource *XtResourceList;
struct _XtAppStruct;
typedef struct _XtAppStruct *XtAppContext;
typedef  void  (*XtActionProc)  (Widget,  XEvent  *,  String  *,
Cardinal *);
typedef struct _XtActionsRec *XtActionList;
typedef char Boolean;
typedef int XtCacheType;
typedef long unsigned int XtGCMask;
typedef unsigned char XtEnum;
typedef long unsigned int XtSignalId;
typedef long unsigned int XtWorkProcId;
typedef long unsigned int XtInputId;
typedef long unsigned int XtIntervalId;
struct _WidgetClassRec;
typedef struct _WidgetClassRec *WidgetClass;
typedef Widget *WidgetList;
typedef struct _TranslationData *XtAccelerators;
typedef struct _TranslationData *XtTranslations;
typedef enum {
    XtGeometryYes = 0,
    XtGeometryNo = 1,
```

```
    XtGeometryAlmost = 2,
    XtGeometryDone = 3
} XtGeometryResult;
typedef enum {
    XtAddress = 0,
    XtBaseOffset = 1,
    XtImmediate = 2,
    XtResourceString = 3,
    XtResourceQuark = 4,
    XtWidgetBaseOffset = 5,
    XtProcedureArg = 6
} XtAddressMode;
typedef struct {
    XtAddressMode address_mode;
    XtPointer address_id;
    Cardinal size;
} XtConvertArgRec;
typedef XtConvertArgRec *XtConvertArgList;
typedef long int XtArgVal;
typedef struct {
    String name;
    XtArgVal value;
} Arg;
typedef Arg *ArgList;
typedef void (*XtSignalCallbackProc) (XtPointer, XtSignalId *);
typedef enum {
    XtCallbackNoList = 0,
    XtCallbackHasNone = 1,
    XtCallbackHasSome = 2
} XtCallbackStatus;
typedef void (*XtInputCallbackProc) (XtPointer, int *, XtInputId
*);
typedef void (*XtTimerCallbackProc) (XtPointer, XtIntervalId *);
typedef long unsigned int XtInputMask;
typedef enum {
    XtListHead = 0,
    XtListTail = 1
} XtListPosition;
typedef void (*XtCallbackProc) (Widget, XtPointer, XtPointer);
typedef struct _XtCallbackRec *XtCallbackList;
typedef long unsigned int EventMask;
typedef void *XtVarArgsList;
typedef  void  (*XtEventHandler)  (Widget,  XtPointer,  XEvent  *,
Boolean *);
typedef void (*XtCaseProc) (Display *, KeySym, KeySym *, KeySym
*);
typedef void (*XtKeyProc) (Display *, unsigned int, Modifiers,
Modifiers *,
                           KeySym *);
typedef void (*XtBlockHookProc) (XtPointer);
typedef long unsigned int XtBlockHookId;
typedef  void  (*XtActionHookProc)  (Widget,  XtPointer,  String,
XEvent *,
                                     String *, Cardinal *);
typedef void *XtActionHookId;
typedef   void   (*XtDestructor)   (XtAppContext,   XrmValue   *,
XtPointer,
                                XrmValue *, Cardinal *);
typedef   Boolean(*XtTypeConverter)   (Display   *,   XrmValue   *,
Cardinal *,
                                            XrmValue *, XrmValue *,
XtPointer *);
typedef void (*XtConverter) (XrmValue *, Cardinal *, XrmValue *,
                             XrmValue *);
typedef void *XtRequestId;
typedef Boolean(*XtFilePredicate) (String);
```

```
typedef struct {
    char match;
    String substitution;
} SubstitutionRec;
typedef SubstitutionRec *Substitution;
typedef void (*XtSelectionCallbackProc) (Widget, XtPointer, Atom
*, Atom *,
                                         XtPointer, long unsigned
int *,
                                        int *);
typedef Boolean(*XtWorkProc) (XtPointer);
typedef void (*XtSelectionDoneProc) (Widget, Atom *, Atom *);
typedef void (*XtLoseSelectionProc) (Widget, Atom *);
typedef void (*XtErrorHandler) (String);
typedef Boolean(*XtConvertSelectionProc) (Widget, Atom *, Atom *,
Atom *,
                                                XtPointer *, long
unsigned int *,
                                         int *);
typedef  void  (*XtErrorMsgHandler)  (String,  String,  String,
String,
                                    String *, Cardinal *);
typedef String(*XtLanguageProc) (Display *, String, XtPointer);
typedef enum {
    XtGrabNone = 0,
    XtGrabNonexclusive = 1,
    XtGrabExclusive = 2
} XtGrabKind;
typedef struct _XtCheckpointTokenRec *XtCheckpointToken;
typedef void (*XtExtensionSelectProc) (Widget, int *, XtPointer
*, int,
                                       XtPointer);
typedef Boolean(*XtEventDispatchProc) (XEvent *);
typedef  void  (*XtCancelConvertSelectionProc)  (Widget,  Atom  *,
Atom *,
                                                   XtRequestId *,
XtPointer);
typedef  Boolean(*XtConvertSelectionIncrProc)  (Widget,  Atom  *,
Atom *,
                                                 Atom *, XtPointer
*,
                                                 long unsigned int
*, int *,
                                                 long unsigned int
*,
                                                        XtPointer,
XtRequestId *);
typedef void (*XtSelectionDoneIncrProc) (Widget, Atom *, Atom *,
                                                   XtRequestId *,
XtPointer);
typedef   void   (*XtLoseSelectionIncrProc)   (Widget,   Atom   *,
XtPointer);
typedef long unsigned int XtValueMask;
typedef struct _XtEventRec *XtEventTable;
typedef void (*XtCreatePopupChildProc) (Widget);
typedef struct _XtResource {
    String resource_name;
    String resource_class;
    String resource_type;
    Cardinal resource_size;
    Cardinal resource_offset;
    String default_type;
    XtPointer default_addr;
} XtResource;
typedef struct _XtCallbackRec {
    XtCallbackProc callback;
```

```
    XtPointer closure;
} XtCallbackRec;
typedef struct _XtCheckpointTokenRec {
    int save_type;
    int interact_style;
    Boolean shutdown;
    Boolean fast;
    Boolean cancel_shutdown;
    int phase;
    int interact_dialog_type;
    Boolean request_cancel;
    Boolean request_next_phase;
    Boolean save_success;
    int type;
    Widget widget;
} XtCheckpointTokenRec;
typedef long unsigned int Pixel;
typedef struct _XtActionsRec {
    String string;
    XtActionProc proc;
} XtActionsRec;
typedef struct {
    Widget shell_widget;
    Widget enable_widget;
} XtPopdownIDRec;
typedef XtPopdownIDRec *XtPopdownID;
typedef XtActionProc *XtBoundActions;
typedef struct {
    String type;
    Widget widget;
    ArgList args;
    Cardinal num_args;
} XtCreateHookDataRec;
typedef XtCreateHookDataRec *XtCreateHookData;
typedef struct {
    String type;
    Widget widget;
    XtPointer event_data;
    Cardinal num_event_data;
} XtChangeHookDataRec;
typedef XtChangeHookDataRec *XtChangeHookData;
typedef struct {
    Widget old;
    Widget req;
    ArgList args;
    Cardinal num_args;
} XtChangeHookSetValuesDataRec;
typedef XtChangeHookSetValuesDataRec *XtChangeHookSetValuesData;
typedef struct {
    String type;
    Widget widget;
    XtGeometryMask changeMask;
    XWindowChanges changes;
} XtConfigureHookDataRec;
typedef XtConfigureHookDataRec *XtConfigureHookData;
typedef struct {
    String type;
    Widget widget;
    XtWidgetGeometry *request;
    XtWidgetGeometry *reply;
    XtGeometryResult result;
} XtGeometryHookDataRec;
typedef XtGeometryHookDataRec *XtGeometryHookData;
typedef struct {
    String type;
    Widget widget;
```

```
} XtDestroyHookDataRec;
typedef XtDestroyHookDataRec *XtDestroyHookData;
extern void XtAddActions(XtActionList, Cardinal);
extern void XtAddCallback(Widget, const char *, XtCallbackProc,
XtPointer);
extern void XtAddCallbacks(Widget, const char *, XtCallbackList);
extern void XtAddConverter(const char *, const char *,
XtConverter,
                           XtConvertArgList, Cardinal);
extern void XtAddEventHandler(Widget, EventMask, int,
XtEventHandler,
                              XtPointer);
extern void XtAddExposureToRegion(XEvent *, Region);
extern void XtAddGrab(Widget, int, int);
extern XtInputId XtAddInput(int, XtPointer, XtInputCallbackProc,
                            XtPointer);
extern void XtAddRawEventHandler(Widget, EventMask, int,
XtEventHandler,
                                 XtPointer);
extern XtSignalId XtAddSignal(XtSignalCallbackProc, XtPointer);
extern XtIntervalId XtAddTimeOut(long unsigned int,
XtTimerCallbackProc,
                                 XtPointer);
extern XtWorkProcId XtAddWorkProc(XtWorkProc, XtPointer);
extern GC XtAllocateGC(Widget, Cardinal, XtGCMask, XGCValues *,
XtGCMask,
                       XtGCMask);
extern XtActionHookId XtAppAddActionHook(XtAppContext,
XtActionHookProc,
                                         XtPointer);
extern void XtAppAddActions(XtAppContext, XtActionList,
Cardinal);
extern XtBlockHookId XtAppAddBlockHook(XtAppContext,
XtBlockHookProc,
                                       XtPointer);
extern void XtAppAddConverter(XtAppContext, const char *, const
char *,
                                  XtConverter, XtConvertArgList,
Cardinal);
extern XtInputId XtAppAddInput(XtAppContext, int, XtPointer,
                               XtInputCallbackProc, XtPointer);
extern XtSignalId XtAppAddSignal(XtAppContext,
XtSignalCallbackProc,
                                 XtPointer);
extern XtIntervalId XtAppAddTimeOut(XtAppContext, long unsigned
int,
                                                XtTimerCallbackProc,
XtPointer);
extern XtWorkProcId XtAppAddWorkProc(XtAppContext, XtWorkProc,
XtPointer);
extern Widget XtAppCreateShell(const char *, const char *,
WidgetClass,
                               Display *, ArgList, Cardinal);
extern void XtAppError(XtAppContext, const char *);
extern void XtAppErrorMsg(XtAppContext, const char *, const char
*,
                          const char *, const char *, String *,
                          Cardinal *);
extern XrmDatabase *XtAppGetErrorDatabase(XtAppContext);
extern void XtAppGetErrorDatabaseText(XtAppContext, const char *,
                                      const char *, const char *,
                                      const char *, String, int,
                                      XrmDatabase);
extern Boolean XtAppGetExitFlag(XtAppContext);
extern long unsigned int XtAppGetSelectionTimeout(XtAppContext);
extern Widget XtAppInitialize(XtAppContext *, const char *,
```

```
                                XrmOptionDescList, Cardinal, int *,
String *,
                               String *, ArgList, Cardinal);
extern void XtAppLock(XtAppContext);
extern void XtAppMainLoop(XtAppContext);
extern void XtAppNextEvent(XtAppContext, XEvent *);
extern Boolean XtAppPeekEvent(XtAppContext, XEvent *);
extern XtInputMask XtAppPending(XtAppContext);
extern void XtAppProcessEvent(XtAppContext, XtInputMask);
extern void XtAppReleaseCacheRefs(XtAppContext, XtCacheRef *);
extern      XtErrorHandler      XtAppSetErrorHandler(XtAppContext,
XtErrorHandler);
extern XtErrorMsgHandler XtAppSetErrorMsgHandler(XtAppContext,
                                                    XtErrorMsgHandle
r);
extern void XtAppSetExitFlag(XtAppContext);
extern void XtAppSetFallbackResources(XtAppContext, String *);
extern void XtAppSetSelectionTimeout(XtAppContext, long unsigned
int);
extern void XtAppSetTypeConverter(XtAppContext, const char *,
const char *,
                                                    XtTypeConverter,
XtConvertArgList,
                                                Cardinal, XtCacheType,
XtDestructor);
extern     XtErrorHandler     XtAppSetWarningHandler(XtAppContext,
XtErrorHandler);
extern XtErrorMsgHandler XtAppSetWarningMsgHandler(XtAppContext,
                                                     XtErrorMsgHand
ler);
extern void XtAppUnlock(XtAppContext);
extern void XtAppWarning(XtAppContext, const char *);
extern void XtAppWarningMsg(XtAppContext, const char *, const
char *,
                            const char *, const char *, String *,
                            Cardinal *);
extern void XtAugmentTranslations(Widget, XtTranslations);
extern EventMask XtBuildEventMask(Widget);
extern Boolean XtCallAcceptFocus(Widget, Time *);
extern void XtCallActionProc(Widget, const char *, XEvent *,
String *,
                             Cardinal);
extern     void     XtCallCallbackList(Widget,     XtCallbackList,
XtPointer);
extern void XtCallCallbacks(Widget, const char *, XtPointer);
extern   Boolean   XtCallConverter(Display   *,   XtTypeConverter,
XrmValuePtr,
                              Cardinal, XrmValuePtr, XrmValue *,
                              XtCacheRef *);
extern void XtCallbackExclusive(Widget, XtPointer, XtPointer);
extern void XtCallbackNone(Widget, XtPointer, XtPointer);
extern void XtCallbackNonexclusive(Widget, XtPointer, XtPointer);
extern void XtCallbackPopdown(Widget, XtPointer, XtPointer);
extern    void    XtCallbackReleaseCacheRef(Widget,    XtPointer,
XtPointer);
extern   void   XtCallbackReleaseCacheRefList(Widget,   XtPointer,
XtPointer);
extern char *XtCalloc(Cardinal, Cardinal);
extern void XtCancelSelectionRequest(Widget, Atom);
extern WidgetClass XtClass(Widget);
extern void XtCloseDisplay(Display *);
extern void XtConvert(Widget, const char *, XrmValue *, const
char *,
                      XrmValue *);
extern Boolean XtConvertAndStore(Widget, const char *, XrmValue
*,
```

```
                                    const char *, XrmValue *);
extern void XtConvertCase(Display *, KeySym, KeySym *, KeySym *);
extern XtAppContext XtCreateApplicationContext(void);
extern Widget XtCreateApplicationShell(const char *, WidgetClass,
ArgList,
                                           Cardinal);
extern Widget XtCreateManagedWidget(const char *, WidgetClass,
Widget,
                                        ArgList, Cardinal);
extern Widget XtCreatePopupShell(const char *, WidgetClass,
Widget,
                                    ArgList, Cardinal);
extern void XtCreateSelectionRequest(Widget, Atom);
extern Widget XtCreateWidget(const char *, WidgetClass, Widget,
ArgList,
                                Cardinal);
extern Boolean XtCvtColorToPixel(Display *, XrmValuePtr, Cardinal
*,
                                           XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtIntToBool(Display *, XrmValuePtr, Cardinal *,
                                XrmValuePtr, XrmValuePtr, XtPointer
*);
extern Boolean XtCvtIntToBoolean(Display *, XrmValuePtr, Cardinal
*,
                                           XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtIntToColor(Display *, XrmValuePtr, Cardinal
*,
                                           XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtIntToFloat(Display *, XrmValuePtr, Cardinal
*,
                                           XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtIntToFont(Display *, XrmValuePtr, Cardinal *,
                                XrmValuePtr, XrmValuePtr, XtPointer
*);
extern Boolean XtCvtIntToPixel(Display *, XrmValuePtr, Cardinal
*,
                                           XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtIntToPixmap(Display *, XrmValuePtr, Cardinal
*,
                                           XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtIntToShort(Display *, XrmValuePtr, Cardinal
*,
                                           XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtIntToUnsignedChar(Display *, XrmValuePtr,
Cardinal *,
                                       XrmValuePtr, XrmValuePtr,
                                       XtPointer *);
extern    Boolean    XtCvtStringToAcceleratorTable(Display    *,
XrmValuePtr,
                                                        Cardinal *,
XrmValuePtr,
                                                       XrmValuePtr,
XtPointer *);
extern Boolean XtCvtStringToAtom(Display *, XrmValuePtr, Cardinal
*,
                                           XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtStringToBool(Display *, XrmValuePtr, Cardinal
*,
```

```
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern   Boolean   XtCvtStringToBoolean(Display   *,   XrmValuePtr,
Cardinal *,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern     Boolean     XtCvtStringToCommandArgArray(Display     *,
XrmValuePtr,
                                                    Cardinal *,
XrmValuePtr,
                                                    XrmValuePtr,
XtPointer *);
extern   Boolean   XtCvtStringToCursor(Display   *,   XrmValuePtr,
Cardinal *,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern  Boolean  XtCvtStringToDimension(Display  *,  XrmValuePtr,
Cardinal *,
                                     XrmValuePtr, XrmValuePtr,
                                     XtPointer *);
extern     Boolean     XtCvtStringToDirectoryString(Display     *,
XrmValuePtr,
                                                    Cardinal *,
XrmValuePtr,
                                                    XrmValuePtr,
XtPointer *);
extern   Boolean   XtCvtStringToDisplay(Display   *,   XrmValuePtr,
Cardinal *,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtStringToFile(Display *, XrmValuePtr, Cardinal
*,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern   Boolean   XtCvtStringToFloat(Display   *,   XrmValuePtr,
Cardinal *,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtStringToFont(Display *, XrmValuePtr, Cardinal
*,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern   Boolean   XtCvtStringToFontSet(Display   *,   XrmValuePtr,
Cardinal *,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern  Boolean  XtCvtStringToFontStruct(Display  *,  XrmValuePtr,
Cardinal *,
                                     XrmValuePtr, XrmValuePtr,
                                     XtPointer *);
extern   Boolean   XtCvtStringToGravity(Display   *,   XrmValuePtr,
Cardinal *,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern Boolean XtCvtStringToInitialState(Display *, XrmValuePtr,
                                         Cardinal *, XrmValuePtr,
                                            XrmValuePtr, XtPointer
*);
extern Boolean XtCvtStringToInt(Display *, XrmValuePtr, Cardinal
*,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern   Boolean   XtCvtStringToPixel(Display   *,   XrmValuePtr,
Cardinal *,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
```

```
extern Boolean XtCvtStringToRestartStyle(Display *, XrmValuePtr,
                                         Cardinal *, XrmValuePtr,
                                            XrmValuePtr, XtPointer
*);
extern   Boolean   XtCvtStringToShort(Display   *,   XrmValuePtr,
Cardinal *,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern    Boolean    XtCvtStringToTranslationTable(Display    *,
XrmValuePtr,
                                                        Cardinal *,
XrmValuePtr,
                                                       XrmValuePtr,
XtPointer *);
extern Boolean XtCvtStringToUnsignedChar(Display *, XrmValuePtr,
                                         Cardinal *, XrmValuePtr,
                                            XrmValuePtr, XtPointer
*);
extern   Boolean   XtCvtStringToVisual(Display   *,   XrmValuePtr,
Cardinal *,
                                        XrmValuePtr, XrmValuePtr,
XtPointer *);
extern XrmDatabase XtDatabase(Display *);
extern void XtDestroyApplicationContext(XtAppContext);
extern void XtDestroyGC(GC);
extern void XtDestroyWidget(Widget);
extern void XtDirectConvert(XtConverter, XrmValuePtr, Cardinal,
                            XrmValuePtr, XrmValue *);
extern void XtDisownSelection(Widget, Atom, Time);
extern Boolean XtDispatchEvent(XEvent *);
extern Boolean XtDispatchEventToWidget(Widget, XEvent *);
extern Display *XtDisplay(Widget);
extern  void  XtDisplayInitialize(XtAppContext,  Display  *,  const
char *,
                                  const char *, XrmOptionDescRec *,
Cardinal,
                                 int *, char **);
extern Display *XtDisplayOfObject(Widget);
extern  void  XtDisplayStringConversionWarning(Display  *,  const
char *,
                                               const char *);
extern XtAppContext XtDisplayToApplicationContext(Display *);
extern void XtError(const char *);
extern void XtErrorMsg(const char *, const char *, const char *,
                       const char *, String *, Cardinal *);
extern String XtFindFile(const char *, Substitution, Cardinal,
                         XtFilePredicate);
extern void XtFree(char *);
extern KeySym XtGetActionKeysym(XEvent *, Modifiers *);
extern void XtGetActionList(WidgetClass, XtActionList *, Cardinal
*);
extern  void  XtGetApplicationNameAndClass(Display  *,  String  *,
String *);
extern    void    XtGetApplicationResources(Widget,    XtPointer,
XtResourceList,
                                                Cardinal, ArgList,
Cardinal);
extern   XtPointer   XtGetClassExtension(WidgetClass,   Cardinal,
XrmQuark,
                                      long int, Cardinal);
extern        void        XtGetConstraintResourceList(WidgetClass,
XtResourceList *,
                                         Cardinal *);
extern  void  XtGetDisplays(XtAppContext,  Display  *  **,  Cardinal
*);
extern XrmDatabase *XtGetErrorDatabase(void);
```

```
extern void XtGetErrorDatabaseText(const char *, const char *,
                                   const char *, const char *,
String,
                                   int);
extern GC XtGetGC(Widget, XtGCMask, XGCValues *);
extern Widget XtGetKeyboardFocusWidget(Widget);
extern KeySym *XtGetKeysymTable(Display *, KeyCode *, int *);
extern int XtGetMultiClickTime(Display *);
extern  void  XtGetResourceList(WidgetClass,  XtResourceList  *,
Cardinal *);
extern  void  XtGetSelectionParameters(Widget,  Atom,  XtRequestId,
Atom *,
                                    XtPointer *, long unsigned
int *,
                                   int *);
extern    XSelectionRequestEvent    *XtGetSelectionRequest(Widget,
Atom,
                                                          XtRequestId)
;
extern long unsigned int XtGetSelectionTimeout(void);
extern void XtGetSelectionValue(Widget, Atom, Atom,
                                    XtSelectionCallbackProc,
XtPointer, Time);
extern void XtGetSelectionValueIncremental(Widget, Atom, Atom,
                                     XtSelectionCallbackPro
c,
                                     XtPointer, Time);
extern void XtGetSelectionValues(Widget, Atom, Atom *, int,
                                    XtSelectionCallbackProc,
XtPointer *,
                                 Time);
extern void XtGetSelectionValuesIncremental(Widget, Atom, Atom *,
int,
                                      XtSelectionCallbackPr
oc,
                                      XtPointer *, Time);
extern void XtGetSubresources(Widget, XtPointer, const char *,
                                  const char *, XtResourceList,
Cardinal,
                              ArgList, Cardinal);
extern  void  XtGetSubvalues(XtPointer,  XtResourceList,  Cardinal,
ArgList,
                            Cardinal);
extern void XtGetValues(Widget, ArgList, Cardinal);
extern  void  XtGrabButton(Widget,  int,  Modifiers,  int,  unsigned
int, int,
                         int, Window, Cursor);
extern void XtGrabKey(Widget, unsigned int, Modifiers, int, int,
int);
extern int XtGrabKeyboard(Widget, int, int, int, Time);
extern  int  XtGrabPointer(Widget,  int,  unsigned  int,  int,  int,
Window,
                         Cursor, Time);
extern XtCallbackStatus XtHasCallbacks(Widget, const char *);
extern Widget XtHooksOfDisplay(Display *);
extern   Widget   XtInitialize(const   char   *,   const   char   *,
XrmOptionDescRec *,
                           Cardinal, int *, char **);
extern void XtInitializeWidgetClass(WidgetClass);
extern   void   XtInsertEventHandler(Widget,   EventMask,   int,
XtEventHandler,
                                 XtPointer, XtListPosition);
extern void XtInsertEventTypeHandler(Widget, int, XtPointer,
                                   XtEventHandler, XtPointer,
                                   XtListPosition);
extern   void   XtInsertRawEventHandler(Widget,   EventMask,   int,
```

```
XtEventHandler,
                                    XtPointer, XtListPosition);
extern void XtInstallAccelerators(Widget, Widget);
extern void XtInstallAllAccelerators(Widget, Widget);
extern Boolean XtIsApplicationShell(Widget);
extern Boolean XtIsManaged(Widget);
extern Boolean XtIsObject(Widget);
extern Boolean XtIsOverrideShell(Widget);
extern Boolean XtIsRealized(Widget);
extern Boolean XtIsSensitive(Widget);
extern Boolean XtIsSessionShell(Widget);
extern Boolean XtIsSubclass(Widget, WidgetClass);
extern Boolean XtIsTransientShell(Widget);
extern Boolean XtIsVendorShell(Widget);
extern void XtKeysymToKeycodeList(Display *, KeySym, KeyCode * *,
                                  Cardinal *);
extern XEvent *XtLastEventProcessed(Display *);
extern Time XtLastTimestampProcessed(Display *);
extern void XtMainLoop(void);
extern       XtGeometryResult       XtMakeGeometryRequest(Widget,
XtWidgetGeometry *,
                                                          XtWidgetGeometry
*);
extern XtGeometryResult XtMakeResizeRequest(Widget, unsigned int,
                                                            unsigned int,
Dimension *,
                                                 Dimension *);
extern char *XtMalloc(Cardinal);
extern void XtMapWidget(Widget);
extern  void  XtMenuPopupAction(Widget,  XEvent  *,  String  *,
Cardinal *);
extern   ArgList   XtMergeArgLists(ArgList,   Cardinal,   ArgList,
Cardinal);
extern String XtName(Widget);
extern Widget XtNameToWidget(Widget, const char *);
extern String XtNewString(String);
extern void XtNextEvent(XEvent *);
extern void XtNoticeSignal(XtSignalId);
extern Widget XtOpenApplication(XtAppContext *, const char *,
                                  XrmOptionDescList, Cardinal, int
*,
                                  String *, String *, WidgetClass,
ArgList,
                                 Cardinal);
extern Display *XtOpenDisplay(XtAppContext, const char *, const
char *,
                                 const char *, XrmOptionDescRec *,
Cardinal,
                               int *, char **);
extern void XtOverrideTranslations(Widget, XtTranslations);
extern     Boolean     XtOwnSelection(Widget,     Atom,     Time,
XtConvertSelectionProc,
                                                 XtLoseSelectionProc,
XtSelectionDoneProc);
extern Boolean XtOwnSelectionIncremental(Widget, Atom, Time,
                                          XtConvertSelectionIncrPr
oc,
                                         XtLoseSelectionIncrProc,
                                         XtSelectionDoneIncrProc,
                                          XtCancelConvertSelection
Proc,
                                         XtPointer);
extern Widget XtParent(Widget);
extern XtAccelerators XtParseAcceleratorTable(const char *);
extern XtTranslations XtParseTranslationTable(const char *);
extern Boolean XtPeekEvent(XEvent *);
```

```
extern Boolean XtPending(void);
extern void XtPopdown(Widget);
extern void XtPopup(Widget, XtGrabKind);
extern void XtPopupSpringLoaded(Widget);
extern void XtProcessEvent(XtInputMask);
extern XtGeometryResult XtQueryGeometry(Widget, XtWidgetGeometry
*,
                                        XtWidgetGeometry *);
extern void XtRealizeWidget(Widget);
extern char *XtRealloc(char *, Cardinal);
extern   void   XtRegisterCaseConverter(Display   *,   XtCaseProc,
KeySym, KeySym);
extern void XtRegisterDrawable(Display *, Drawable, Widget);
extern void XtRegisterExtensionSelector(Display *, int, int,
                                            XtExtensionSelectProc,
XtPointer);
extern void XtRegisterGrabAction(XtActionProc, int, unsigned int,
int,
                                 int);
extern void XtReleaseGC(Widget, GC);
extern void XtReleasePropertyAtom(Widget, Atom);
extern void XtRemoveActionHook(XtActionHookId);
extern void XtRemoveAllCallbacks(Widget, const char *);
extern void XtRemoveBlockHook(XtBlockHookId);
extern    void    XtRemoveCallback(Widget,    const    char    *,
XtCallbackProc,
                            XtPointer);
extern    void    XtRemoveCallbacks(Widget,    const    char    *,
XtCallbackList);
extern   void   XtRemoveEventHandler(Widget,   EventMask,   int,
XtEventHandler,
                                 XtPointer);
extern void XtRemoveEventTypeHandler(Widget, int, XtPointer,
                                     XtEventHandler, XtPointer);
extern void XtRemoveGrab(Widget);
extern void XtRemoveInput(XtInputId);
extern   void   XtRemoveRawEventHandler(Widget,   EventMask,   int,
XtEventHandler,
                                   XtPointer);
extern void XtRemoveSignal(XtSignalId);
extern void XtRemoveTimeOut(XtIntervalId);
extern void XtRemoveWorkProc(XtWorkProcId);
extern Atom XtReservePropertyAtom(Widget);
extern String XtResolvePathname(Display *, const char *, const
char *,
                                    const char *, const char *,
Substitution,
                                Cardinal, XtFilePredicate);
extern Screen *XtScreen(Widget);
extern XrmDatabase XtScreenDatabase(Screen *);
extern Screen *XtScreenOfObject(Widget);
extern void XtSendSelectionRequest(Widget, Atom, Time);
extern XtCheckpointToken XtSessionGetToken(Widget);
extern void XtSessionReturnToken(XtCheckpointToken);
extern void XtSetErrorHandler(XtErrorHandler);
extern void XtSetErrorMsgHandler(XtErrorMsgHandler);
extern XtEventDispatchProc XtSetEventDispatcher(Display *, int,
                                                    XtEventDispatchPr
oc);
extern void XtSetKeyTranslator(Display *, XtKeyProc);
extern void XtSetKeyboardFocus(Widget, Widget);
extern       XtLanguageProc       XtSetLanguageProc(XtAppContext,
XtLanguageProc,
                                       XtPointer);
extern void XtSetMappedWhenManaged(Widget, int);
extern void XtSetMultiClickTime(Display *, int);
```

```
extern void XtSetSelectionParameters(Widget, Atom, Atom,
XtPointer,
                                     long unsigned int, int);
extern void XtSetSelectionTimeout(long unsigned int);
extern void XtSetSensitive(Widget, int);
extern void XtSetSubvalues(XtPointer, XtResourceList, Cardinal,
ArgList,
                           Cardinal);
extern void XtSetTypeConverter(const char *, const char *,
XtTypeConverter,
                                      XtConvertArgList, Cardinal,
XtCacheType,
                                XtDestructor);
extern void XtSetValues(Widget, ArgList, Cardinal);
extern void XtSetWMColormapWindows(Widget, Widget *, Cardinal);
extern void XtSetWarningHandler(XtErrorHandler);
extern void XtSetWarningMsgHandler(XtErrorMsgHandler);
extern void XtStringConversionWarning(const char *, const char
*);
extern WidgetClass XtSuperclass(Widget);
extern void XtToolkitInitialize(void);
extern Boolean XtToolkitThreadInitialize(void);
extern void XtTranslateCoords(Widget, int, int, Position *,
Position *);
extern void XtTranslateKey(Display *, unsigned int, Modifiers,
Modifiers *,
                           KeySym *);
extern void XtTranslateKeycode(Display *, unsigned int,
Modifiers,
                               Modifiers *, KeySym *);
extern void XtUngrabButton(Widget, unsigned int, Modifiers);
extern void XtUngrabKey(Widget, unsigned int, Modifiers);
extern void XtUngrabKeyboard(Widget, Time);
extern void XtUngrabPointer(Widget, Time);
extern void XtUninstallTranslations(Widget);
extern void XtUnmapWidget(Widget);
extern void XtUnrealizeWidget(Widget);
extern void XtUnregisterDrawable(Display *, Drawable);
extern Widget XtVaAppCreateShell(const char *, const char *,
WidgetClass,
                                 Display *, ...);
extern Widget XtVaAppInitialize(XtAppContext *, const char *,
                                 XrmOptionDescList, Cardinal, int
*,
                                String *, String *, ...);
extern XtVarArgsList XtVaCreateArgsList(XtPointer, ...);
extern Widget XtVaCreateManagedWidget(const char *, WidgetClass,
Widget,
                                      ...);
extern Widget XtVaCreatePopupShell(const char *, WidgetClass,
Widget, ...);
extern Widget XtVaCreateWidget(const char *, WidgetClass, Widget,
...);
extern void XtVaGetApplicationResources(Widget, XtPointer,
XtResourceList,
                                        Cardinal, ...);
extern void XtVaGetSubresources(Widget, XtPointer, const char *,
                                   const char *, XtResourceList,
Cardinal,
                                ...);
extern void XtVaGetSubvalues(XtPointer, XtResourceList, Cardinal,
...);
extern void XtVaGetValues(Widget, ...);
extern Widget XtVaOpenApplication(XtAppContext *, const char *,
                                      XrmOptionDescList, Cardinal,
int *,
```

```
                                                String *, String *,
WidgetClass, ...);
extern void XtVaSetSubvalues(XtPointer, XtResourceList, Cardinal,
...);
extern void XtVaSetValues(Widget, ...);
extern void XtWarning(const char *);
extern void XtWarningMsg(const char *, const char *, const char
*,
                         const char *, String *, Cardinal *);
extern XtAppContext XtWidgetToApplicationContext(Widget);
extern Window XtWindow(Widget);
extern Window XtWindowOfObject(Widget);
extern Widget XtWindowToWidget(Display *, Window);
extern Boolean _XtCheckSubclassFlag(Widget, unsigned int);
extern Boolean _XtIsSubclassOf(Widget, WidgetClass, WidgetClass,
                               unsigned int);
```

6.10.9 X11/Intrinsicl.h

```
#define CALLGEOTAT(f)
#define XTERROR_PREFIX  ""
#define XTWARNING_PREFIX        ""
#define  XtStackAlloc(size,stack_cache_array)         ((size)  <=
sizeof(stack_cache_array)   ?   (XtPointer)(stack_cache_array)   :
XtMalloc((unsigned)(size)))
#define  XtWindowOfObject(object)           ((XtIsWidget(object) ?
(object) : _XtWindowedAncestor(object)) ->core.window)
#define XtIsSensitive(object)   (XtIsRectObj(object) ? ((object)-
>core.sensitive && (object)->core.ancestor_sensitive) : False)
#define XtIsManaged(object)      (XtIsRectObj(object) ? (object)-
>core.managed : False)
#define  XtScreenOfObject(object)           (XtIsWidget(object) ?
(object)->core.screen  :  _XtIsHookObject(object)  ?  ((HookObject)
(object))->hooks.screen       :       _XtWindowedAncestor(object)-
>core.screen)
#define  XtDisplayOfObject(object)          (XtIsWidget(object) ?
(object)->core.screen->display    :    _XtIsHookObject(object)    ?
((HookObject)(object))->hooks.screen->display                    :
_XtWindowedAncestor(object)->core.screen->display)
#define     XFILESEARCHPATHDEFAULT          "/usr/lib/X11/%L/%T/%N
%S:/usr/lib/X11/%l/%T/%N%S:/usr/lib/X11/%T/%N%S"
#define ERRORDB "/usr/lib/X11/XtErrorDB"
#define RectObjClassFlag        0x02
#define WidgetClassFlag 0x04
#define CompositeClassFlag      0x08
#define ConstraintClassFlag     0x10
#define ShellClassFlag  0x20
#define WMShellClassFlag        0x40
#define TopLevelClassFlag       0x80
#define _XtintrinsicI_h 1
#define  XtBZero(dst,size)           bzero((char  *)  (dst),  (int)
(size))
#define  XtMemmove(dst,src,size)  if  ((char  *)(dst)  !=  (char  *)
(src))  {  (void)  memcpy((char  *)  (dst),  (char  *)  (src),  (int)
(size)); }
#define  XtMemcmp(b1,b2,size)      memcmp((char  *)  (b1),  (char  *)
(b2), (int) (size))
#define _XBCOPYFUNC     _XtBcopy
#define XtStackFree(pointer,stack_cache_array)  { if ((pointer) !
= ((XtPointer)(stack_cache_array))) XtFree(pointer); }

extern String XtCXtToolkitError;
```

6.10.10 X11/IntrinsicP.h

```
#define XtVersion       (XT_VERSION * 1000 + XT_REVISION)
#define XtVersionDontCheck      0
#define _XtintrinsicP_h 1
#define XT_VERSION      11
#define XT_REVISION     6

typedef struct {
    long int xrm_name;
    long int xrm_class;
    long int xrm_type;
    Cardinal xrm_size;
    int xrm_offset;
    long int xrm_default_type;
    XtPointer xrm_default_addr;
} XrmResource;
typedef XrmResource *XrmResourceList;
typedef struct _XtTMRec *XtTM;
typedef struct {
    String name;
    String type;
    XtArgVal value;
    int size;
} XtTypedArg;
typedef XtTypedArg *XtTypedArgList;
typedef void (*XtProc) (void);
typedef void (*XtWidgetClassProc) (WidgetClass);
typedef void (*XtInitProc) (Widget, Widget, ArgList, Cardinal *);
typedef void (*XtArgsProc) (Widget, ArgList, Cardinal *);
typedef void (*XtRealizeProc) (Widget, XtValueMask *,
                               XSetWindowAttributes *);
typedef void (*XtWidgetProc) (Widget);
typedef void (*XtExposeProc) (Widget, XEvent *, Region);
typedef Boolean(*XtArgsFunc) (Widget, ArgList, Cardinal *);
typedef void (*XtAlmostProc) (Widget, Widget, XtWidgetGeometry *,
                              XtWidgetGeometry *);
typedef Boolean(*XtAcceptFocusProc) (Widget, Time *);
typedef long unsigned int XtVersionType;
typedef       XtGeometryResult(*XtGeometryHandler)       (Widget,
XtWidgetGeometry *,
                                                          XtWidgetGeometry
*);
typedef void (*XtAllocateProc) (WidgetClass, Cardinal *, Cardinal
*,
                                                ArgList, Cardinal *,
XtTypedArgList,
                                   Cardinal *, struct _WidgetRec *
*,
                                   void **);
typedef void (*XtDeallocateProc) (struct _WidgetRec *, void *);
typedef struct _XtTMRec {
    XtTranslations translations;
    XtBoundActions proc_table;
    struct _XtStateRec *current_state;
    long unsigned int lastEventTime;
} XtTMRec;

typedef void (*XtStringProc) (Widget, String);
typedef   Boolean(*XtSetValuesFunc)   (Widget,   Widget,   Widget,
ArgList,
                                    Cardinal *);
extern  void  XtConfigureWidget(Widget,  int,  int,  unsigned  int,
unsigned int,
```

```
                              unsigned int);
extern  void  XtCreateWindow(Widget,  unsigned  int,  Visual  *,
XtValueMask,
                            XSetWindowAttributes *);
extern Boolean XtIsComposite(Widget);
extern Boolean XtIsConstraint(Widget);
extern Boolean XtIsRectObj(Widget);
extern Boolean XtIsShell(Widget);
extern Boolean XtIsTopLevelShell(Widget);
extern Boolean XtIsWMShell(Widget);
extern Boolean XtIsWidget(Widget);
extern void XtMoveWidget(Widget, int, int);
extern void XtProcessLock(void);
extern void XtProcessUnlock(void);
extern void XtResizeWidget(Widget, unsigned int, unsigned int,
                            unsigned int);
extern void XtResizeWindow(Widget);
extern void _XtInherit(void);
```

6.10.11 X11/Object.h

```
#define _XtObject_h     1

typedef struct _ObjectClassRec *ObjectClass;
typedef struct _ObjectClassRec *Object;
extern WidgetClass objectClass;
```

6.10.12 X11/ObjectP.h

```
#define XtInheritAllocate       ((XtAllocateProc) _XtInherit)
#define XtInheritDeallocate     ((XtDeallocateProc) _XtInherit)
#define _Xt_ObjectP_h_  1
#define XtObjectExtensionVersion        1L

typedef struct _ObjectPart {
    Widget self;
    WidgetClass widget_class;
    Widget parent;
    XrmName xrm_name;
    Boolean being_destroyed;
    XtCallbackList destroy_callbacks;
    XtPointer constraints;
} ObjectPart;
typedef struct _ObjectRec {
    ObjectPart object;
} ObjectRec;
typedef struct _ObjectClassPart {
    WidgetClass superclass;
    String class_name;
    Cardinal widget_size;
    XtProc class_initialize;
    XtWidgetClassProc class_part_initialize;
    XtEnum class_inited;
    XtInitProc initialize;
    XtArgsProc initialize_hook;
    XtProc obj1;
    XtPointer obj2;
    Cardinal obj3;
    XtResourceList resources;
    Cardinal num_resources;
    XrmClass xrm_class;
    Boolean obj4;
    XtEnum obj5;
```

```
    Boolean obj6;
    Boolean obj7;
    XtWidgetProc destroy;
    XtProc obj8;
    XtProc obj9;
    XtSetValuesFunc set_values;
    XtArgsFunc set_values_hook;
    XtProc obj10;
    XtArgsProc get_values_hook;
    XtProc obj11;
    XtVersionType version;
    XtPointer callback_private;
    String obj12;
    XtProc obj13;
    XtProc obj14;
    XtPointer extension;
} ObjectClassPart;
typedef struct {
    XtPointer next_extension;
    XrmQuark record_type;
    long int version;
    Cardinal record_size;
    XtAllocateProc allocate;
    XtDeallocateProc deallocate;
} ObjectClassExtensionRec;
typedef ObjectClassExtensionRec *ObjectClassExtension;

typedef struct _ObjectClassRec {
    ObjectClassPart object_class;
} ObjectClassRec;
extern ObjectClassRec objectClassRec;
```

6.10.13 X11/RectObj.h

```
typedef struct _RectObjRec *RectObj;
typedef struct _RectObjClassRec *RectObjClass;
extern WidgetClass rectObjClass;
```

6.10.14 X11/RectObjP.h

```
typedef struct _RectObjPart {
    Position x;
    Position y;
    Dimension width;
    Dimension height;
    Dimension border_width;
    Boolean managed;
    Boolean sensitive;
    Boolean ancestor_sensitive;
} RectObjPart;

typedef struct _RectObjRec {
    ObjectPart object;
    RectObjPart rectangle;
} RectObjRec;

typedef struct _RectObjClassPart {
    WidgetClass superclass;
    String class_name;
    Cardinal widget_size;
    XtProc class_initialize;
    XtWidgetClassProc class_part_initialize;
    XtEnum class_inited;
```

```
    XtInitProc initialize;
    XtArgsProc initialize_hook;
    XtProc rect1;
    XtPointer rect2;
    Cardinal rect3;
    XtResourceList resources;
    Cardinal num_resources;
    XrmClass xrm_class;
    Boolean rect4;
    XtEnum rect5;
    Boolean rect6;
    Boolean rect7;
    XtWidgetProc destroy;
    XtWidgetProc resize;
    XtExposeProc expose;
    XtSetValuesFunc set_values;
    XtArgsFunc set_values_hook;
    XtAlmostProc set_values_almost;
    XtArgsProc get_values_hook;
    XtProc rect9;
    XtVersionType version;
    XtPointer callback_private;
    String rect10;
    XtGeometryHandler query_geometry;
    XtProc rect11;
    XtPointer extension;
} RectObjClassPart;

typedef struct _RectObjClassRec {
    RectObjClassPart rect_class;
} RectObjClassRec;
extern RectObjClassRec rectObjClassRec;
```

6.10.15 X11/Shell.h

```
#define XtNiconName     ((char*)&XtShellStrings[0])
#define XtCDiscardCommand       ((char*)&XtShellStrings[1001])
#define XtNenvironment  ((char*)&XtShellStrings[1016])
#define XtCEnvironment  ((char*)&XtShellStrings[1028])
#define XtNinteractCallback     ((char*)&XtShellStrings[1040])
#define XtNvisual       ((char*)&XtShellStrings[104])
#define XtNjoinSession  ((char*)&XtShellStrings[1057])
#define XtCJoinSession  ((char*)&XtShellStrings[1069])
#define XtNprogramPath  ((char*)&XtShellStrings[1081])
#define XtCProgramPath  ((char*)&XtShellStrings[1093])
#define XtNresignCommand        ((char*)&XtShellStrings[1105])
#define XtCResignCommand        ((char*)&XtShellStrings[1119])
#define XtCVisual       ((char*)&XtShellStrings[111])
#define XtNrestartCommand       ((char*)&XtShellStrings[1133])
#define XtCRestartCommand       ((char*)&XtShellStrings[1148])
#define XtNrestartStyle ((char*)&XtShellStrings[1163])
#define XtCRestartStyle ((char*)&XtShellStrings[1176])
#define XtNsaveCallback ((char*)&XtShellStrings[1189])
#define XtNtitleEncoding        ((char*)&XtShellStrings[118])
#define XtNsaveCompleteCallback ((char*)&XtShellStrings[1202])
#define XtNsessionID    ((char*)&XtShellStrings[1223])
#define XtCSessionID    ((char*)&XtShellStrings[1233])
#define XtNshutdownCommand      ((char*)&XtShellStrings[1243])
#define XtCShutdownCommand      ((char*)&XtShellStrings[1259])
#define XtNerrorCallback        ((char*)&XtShellStrings[1275])
#define XtCTitleEncoding        ((char*)&XtShellStrings[132])
#define XtNsaveUnder    ((char*)&XtShellStrings[146])
#define XtCSaveUnder    ((char*)&XtShellStrings[156])
#define XtNtransient    ((char*)&XtShellStrings[166])
```

```
#define XtCTransient    ((char*)&XtShellStrings[176])
#define XtNoverrideRedirect     ((char*)&XtShellStrings[186])
#define XtNiconPixmap   ((char*)&XtShellStrings[18])
#define XtCOverrideRedirect     ((char*)&XtShellStrings[203])
#define XtNtransientFor ((char*)&XtShellStrings[220])
#define XtCTransientFor ((char*)&XtShellStrings[233])
#define XtNiconNameEncoding     ((char*)&XtShellStrings[246])
#define XtCIconNameEncoding     ((char*)&XtShellStrings[263])
#define XtNallowShellResize     ((char*)&XtShellStrings[280])
#define XtCAllowShellResize     ((char*)&XtShellStrings[297])
#define XtCIconPixmap   ((char*)&XtShellStrings[29])
#define XtNcreatePopupChildProc ((char*)&XtShellStrings[314])
#define XtCCreatePopupChildProc ((char*)&XtShellStrings[335])
#define XtNtitle        ((char*)&XtShellStrings[356])
#define XtCTitle        ((char*)&XtShellStrings[362])
#define XtNargc ((char*)&XtShellStrings[373])
#define XtCArgc ((char*)&XtShellStrings[378])
#define XtNargv ((char*)&XtShellStrings[383])
#define XtCArgv ((char*)&XtShellStrings[388])
#define XtNiconX        ((char*)&XtShellStrings[393])
#define XtCIconX        ((char*)&XtShellStrings[399])
#define XtNiconY        ((char*)&XtShellStrings[405])
#define XtNiconWindow   ((char*)&XtShellStrings[40])
#define XtCIconY        ((char*)&XtShellStrings[411])
#define XtNinput        ((char*)&XtShellStrings[417])
#define XtCInput        ((char*)&XtShellStrings[423])
#define XtNiconic       ((char*)&XtShellStrings[429])
#define XtCIconic       ((char*)&XtShellStrings[436])
#define XtNinitialState ((char*)&XtShellStrings[443])
#define XtCInitialState ((char*)&XtShellStrings[456])
#define XtNgeometry     ((char*)&XtShellStrings[469])
#define XtCGeometry     ((char*)&XtShellStrings[478])
#define XtNbaseWidth    ((char*)&XtShellStrings[487])
#define XtCBaseWidth    ((char*)&XtShellStrings[497])
#define XtNbaseHeight   ((char*)&XtShellStrings[507])
#define XtCBaseHeight   ((char*)&XtShellStrings[518])
#define XtCIconWindow   ((char*)&XtShellStrings[51])
#define XtNwinGravity   ((char*)&XtShellStrings[529])
#define XtCWinGravity   ((char*)&XtShellStrings[540])
#define XtNminWidth     ((char*)&XtShellStrings[551])
#define XtCMinWidth     ((char*)&XtShellStrings[560])
#define XtNminHeight    ((char*)&XtShellStrings[569])
#define XtCMinHeight    ((char*)&XtShellStrings[579])
#define XtNmaxWidth     ((char*)&XtShellStrings[589])
#define XtCMaxWidth     ((char*)&XtShellStrings[598])
#define XtNmaxHeight    ((char*)&XtShellStrings[607])
#define XtCMaxHeight    ((char*)&XtShellStrings[617])
#define XtNwidthInc     ((char*)&XtShellStrings[627])
#define XtNiconMask     ((char*)&XtShellStrings[62])
#define XtCWidthInc     ((char*)&XtShellStrings[636])
#define XtNheightInc    ((char*)&XtShellStrings[645])
#define XtCHeightInc    ((char*)&XtShellStrings[655])
#define XtNminAspectY   ((char*)&XtShellStrings[665])
#define XtCMinAspectY   ((char*)&XtShellStrings[676])
#define XtNmaxAspectY   ((char*)&XtShellStrings[687])
#define XtCMaxAspectY   ((char*)&XtShellStrings[698])
#define XtNminAspectX   ((char*)&XtShellStrings[709])
#define XtCIconMask     ((char*)&XtShellStrings[71])
#define XtCMinAspectX   ((char*)&XtShellStrings[720])
#define XtNmaxAspectX   ((char*)&XtShellStrings[731])
#define XtCMaxAspectX   ((char*)&XtShellStrings[742])
#define XtNwmTimeout    ((char*)&XtShellStrings[753])
#define XtCWmTimeout    ((char*)&XtShellStrings[763])
#define XtNwaitForWm    ((char*)&XtShellStrings[773])
#define XtCWaitForWm    ((char*)&XtShellStrings[783])
#define XtNwaitforwm    ((char*)&XtShellStrings[793])
```

```
#define XtCWaitforwm    ((char*)&XtShellStrings[803])
#define XtNwindowGroup  ((char*)&XtShellStrings[80])
#define XtNclientLeader ((char*)&XtShellStrings[813])
#define XtCClientLeader ((char*)&XtShellStrings[826])
#define XtNwindowRole   ((char*)&XtShellStrings[839])
#define XtCWindowRole   ((char*)&XtShellStrings[850])
#define XtNurgency      ((char*)&XtShellStrings[861])
#define XtCUrgency      ((char*)&XtShellStrings[869])
#define XtNcancelCallback       ((char*)&XtShellStrings[877])
#define XtNcloneCommand ((char*)&XtShellStrings[892])
#define XtCCloneCommand ((char*)&XtShellStrings[905])
#define XtNconnection   ((char*)&XtShellStrings[918])
#define XtCConnection   ((char*)&XtShellStrings[929])
#define XtCWindowGroup  ((char*)&XtShellStrings[92])
#define XtNcurrentDirectory     ((char*)&XtShellStrings[940])
#define XtCCurrentDirectory     ((char*)&XtShellStrings[957])
#define XtNdieCallback  ((char*)&XtShellStrings[974])
#define XtNdiscardCommand       ((char*)&XtShellStrings[986])
#define XtCIconName     ((char*)&XtShellStrings[9])
#define _XtShell_h      1

extern char XtShellStrings[];
extern WidgetClass applicationShellWidgetClass;
extern WidgetClass overrideShellWidgetClass;
extern WidgetClass sessionShellWidgetClass;
extern WidgetClass shellWidgetClass;
extern WidgetClass topLevelShellWidgetClass;
extern WidgetClass transientShellWidgetClass;
extern WidgetClass wmShellWidgetClass;
```

6.10.16 X11/ShellP.h

```
struct _OldXSizeHints {
    long int flags;
    int x;
    int y;
    int width;
    int height;
    int min_width;
    int min_height;
    int max_width;
    int max_height;
    int width_inc;
    int height_inc;
    struct {
        int x;
        int y;
    } min_aspect;
    struct {
        int x;
        int y;
    } max_aspect;
};

#define _XtShellPositionValid   ((Boolean)(1<<0))
#define _XtShellNotReparented   ((Boolean)(1<<1))
#define _XtShellPPositionOK     ((Boolean)(1<<2))
#define _XtShellGeometryParsed  ((Boolean)(1<<3))
#define                                 XtInheritRootGeometryManager
((XtGeometryHandler)_XtInherit)
#define XtShellExtensionVersion 1L

typedef struct {
    XtPointer extension;
```

```
} ShellClassPart;
typedef struct {
    XtPointer next_extension;
    XrmQuark record_type;
    long int version;
    Cardinal record_size;
    XtGeometryHandler root_geometry_manager;
} ShellClassExtensionRec;
typedef ShellClassExtensionRec *ShellClassExtension;
typedef struct _ShellClassRec {
    CoreClassPart core_class;
    CompositeClassPart composite_class;
    ShellClassPart shell_class;
} ShellClassRec;
typedef struct {
    char *geometry;
    XtCreatePopupChildProc create_popup_child_proc;
    XtGrabKind grab_kind;
    Boolean spring_loaded;
    Boolean popped_up;
    Boolean allow_shell_resize;
    Boolean client_specified;
    Boolean save_under;
    Boolean override_redirect;
    XtCallbackList popup_callback;
    XtCallbackList popdown_callback;
    Visual *visual;
} ShellPart;
typedef struct {
    CorePart core;
    CompositePart composite;
    ShellPart shell;
} ShellRec;
typedef ShellRec *ShellWidget;
typedef struct {
    XtPointer extension;
} OverrideShellClassPart;
typedef struct _OverrideShellClassRec {
    CoreClassPart core_class;
    CompositeClassPart composite_class;
    ShellClassPart shell_class;
    OverrideShellClassPart override_shell_class;
} OverrideShellClassRec;
typedef struct {
    int frabjous;
} OverrideShellPart;
typedef struct {
    CorePart core;
    CompositePart composite;
    ShellPart shell;
    OverrideShellPart override;
} OverrideShellRec;
typedef OverrideShellRec *OverrideShellWidget;
typedef struct {
    XtPointer extension;
} WMShellClassPart;
typedef struct _WMShellClassRec {
    CoreClassPart core_class;
    CompositeClassPart composite_class;
    ShellClassPart shell_class;
    WMShellClassPart wm_shell_class;
} WMShellClassRec;
typedef struct {
    char *title;
    int wm_timeout;
    Boolean wait_for_wm;
```

```
    Boolean transient;
    Boolean urgency;
    Widget client_leader;
    String window_role;
    struct _OldXSizeHints size_hints;
    XWMHints wm_hints;
    int base_width;
    int base_height;
    int win_gravity;
    Atom title_encoding;
} WMShellPart;
typedef struct {
    CorePart core;
    CompositePart composite;
    ShellPart shell;
    WMShellPart wm;
} WMShellRec;
typedef WMShellRec *WMShellWidget;
typedef struct {
    XtPointer extension;
} TransientShellClassPart;
typedef struct _TransientShellClassRec {
    CoreClassPart core_class;
    CompositeClassPart composite_class;
    ShellClassPart shell_class;
    WMShellClassPart wm_shell_class;
    VendorShellClassPart vendor_shell_class;
    TransientShellClassPart transient_shell_class;
} TransientShellClassRec;
typedef struct {
    Widget transient_for;
} TransientShellPart;
typedef struct {
    CorePart core;
    CompositePart composite;
    ShellPart shell;
    WMShellPart wm;
    VendorShellPart vendor;
    TransientShellPart transient;
} TransientShellRec;
typedef TransientShellRec *TransientShellWidget;
typedef struct {
    XtPointer extension;
} TopLevelShellClassPart;
typedef struct _TopLevelShellClassRec {
    CoreClassPart core_class;
    CompositeClassPart composite_class;
    ShellClassPart shell_class;
    WMShellClassPart wm_shell_class;
    VendorShellClassPart vendor_shell_class;
    TopLevelShellClassPart top_level_shell_class;
} TopLevelShellClassRec;
typedef struct {
    char *icon_name;
    Boolean iconic;
    Atom icon_name_encoding;
} TopLevelShellPart;
typedef struct {
    CorePart core;
    CompositePart composite;
    ShellPart shell;
    WMShellPart wm;
    VendorShellPart vendor;
    TopLevelShellPart topLevel;
} TopLevelShellRec;
typedef TopLevelShellRec *TopLevelShellWidget;
```

```
typedef struct {
    XtPointer extension;
} ApplicationShellClassPart;
typedef struct _ApplicationShellClassRec {
    CoreClassPart core_class;
    CompositeClassPart composite_class;
    ShellClassPart shell_class;
    WMShellClassPart wm_shell_class;
    VendorShellClassPart vendor_shell_class;
    TopLevelShellClassPart top_level_shell_class;
    ApplicationShellClassPart application_shell_class;
} ApplicationShellClassRec;
typedef struct {
    char *c_class;
    XrmClass xrm_class;
    int argc;
    char **argv;
} ApplicationShellPart;
typedef struct {
    CorePart core;
    CompositePart composite;
    ShellPart shell;
    WMShellPart wm;
    VendorShellPart vendor;
    TopLevelShellPart topLevel;
    ApplicationShellPart application;
} ApplicationShellRec;
typedef ApplicationShellRec *ApplicationShellWidget;
typedef struct {
    XtPointer extension;
} SessionShellClassPart;
typedef struct _SessionShellClassRec {
    CoreClassPart core_class;
    CompositeClassPart composite_class;
    ShellClassPart shell_class;
    WMShellClassPart wm_shell_class;
    VendorShellClassPart vendor_shell_class;
    TopLevelShellClassPart top_level_shell_class;
    ApplicationShellClassPart application_shell_class;
    SessionShellClassPart session_shell_class;
} SessionShellClassRec;
typedef struct _XtSaveYourselfRec *XtSaveYourself;
typedef struct {
    SmcConn connection;
    String session_id;
    char **restart_command;
    char **clone_command;
    char **discard_command;
    char **resign_command;
    char **shutdown_command;
    char **environment;
    String current_dir;
    String program_path;
    unsigned char restart_style;
    unsigned char checkpoint_state;
    Boolean join_session;
    XtCallbackList save_callbacks;
    XtCallbackList interact_callbacks;
    XtCallbackList cancel_callbacks;
    XtCallbackList save_complete_callbacks;
    XtCallbackList die_callbacks;
    XtCallbackList error_callbacks;
    XtSaveYourself save;
    XtInputId input_id;
    XtPointer ses20;
    XtPointer ses19;
```

```
    XtPointer ses18;
    XtPointer ses17;
    XtPointer ses16;
    XtPointer ses15;
    XtPointer ses14;
    XtPointer ses13;
    XtPointer ses12;
    XtPointer ses11;
    XtPointer ses10;
    XtPointer ses9;
    XtPointer ses8;
    XtPointer ses7;
    XtPointer ses6;
    XtPointer ses5;
    XtPointer ses4;
    XtPointer ses3;
    XtPointer ses2;
    XtPointer ses1;
} SessionShellPart;
typedef struct {
    CorePart core;
    CompositePart composite;
    ShellPart shell;
    WMShellPart wm;
    VendorShellPart vendor;
    TopLevelShellPart topLevel;
    ApplicationShellPart application;
    SessionShellPart session;
} SessionShellRec;
typedef SessionShellRec *SessionShellWidget;
extern OverrideShellClassRec overrideShellClassRec;
extern SessionShellClassRec sessionShellClassRec;
extern ShellClassRec shellClassRec;
extern TopLevelShellClassRec topLevelShellClassRec;
extern TransientShellClassRec transientShellClassRec;
extern WMShellClassRec wmShellClassRec;
```

6.10.17 X11/StringDefs.h

```
#define XtNaccelerators ((char*)&XtStrings[0])
#define XtCFile ((char*)&XtStrings[1012])
#define XtCFont ((char*)&XtStrings[1017])
#define XtCForeground   ((char*)&XtStrings[1022])
#define XtCFraction     ((char*)&XtStrings[1033])
#define XtCFunction     ((char*)&XtStrings[1042])
#define XtCHeight       ((char*)&XtStrings[1051])
#define XtCHSpace       ((char*)&XtStrings[1058])
#define XtCIndex        ((char*)&XtStrings[1065])
#define XtCInitialResourcesPersistent   ((char*)&XtStrings[1071])
#define XtCInsertPosition       ((char*)&XtStrings[1098])
#define XtCInterval     ((char*)&XtStrings[1113])
#define XtNborderPixmap ((char*)&XtStrings[111])
#define XtCJustify      ((char*)&XtStrings[1122])
#define XtCKnobIndent   ((char*)&XtStrings[1130])
#define XtCKnobPixel    ((char*)&XtStrings[1141])
#define XtCLabel        ((char*)&XtStrings[1151])
#define XtCLength       ((char*)&XtStrings[1157])
#define XtCMappedWhenManaged    ((char*)&XtStrings[1164])
#define XtCMargin       ((char*)&XtStrings[1182])
#define XtCMenuEntry    ((char*)&XtStrings[1189])
#define XtCNotify       ((char*)&XtStrings[1199])
#define XtCOrientation  ((char*)&XtStrings[1206])
#define XtCParameter    ((char*)&XtStrings[1218])
#define XtCPixmap       ((char*)&XtStrings[1228])
```

```
#define XtCPosition     ((char*)&XtStrings[1235])
#define XtCReadOnly     ((char*)&XtStrings[1244])
#define XtNborderWidth  ((char*)&XtStrings[124])
#define XtCResize       ((char*)&XtStrings[1253])
#define XtCReverseVideo ((char*)&XtStrings[1260])
#define XtCScreen       ((char*)&XtStrings[1273])
#define XtCScrollProc   ((char*)&XtStrings[1280])
#define XtCScrollDCursor        ((char*)&XtStrings[1291])
#define XtCScrollHCursor        ((char*)&XtStrings[1305])
#define XtCScrollLCursor        ((char*)&XtStrings[1319])
#define XtCScrollRCursor        ((char*)&XtStrings[1333])
#define XtCScrollUCursor        ((char*)&XtStrings[1347])
#define XtCScrollVCursor        ((char*)&XtStrings[1361])
#define XtNcallback     ((char*)&XtStrings[136])
#define XtCSelection    ((char*)&XtStrings[1375])
#define XtCSensitive    ((char*)&XtStrings[1385])
#define XtCSelectionArray       ((char*)&XtStrings[1395])
#define XtNallowHoriz   ((char*)&XtStrings[13])
#define XtCSpace        ((char*)&XtStrings[1410])
#define XtCString       ((char*)&XtStrings[1416])
#define XtCTextOptions  ((char*)&XtStrings[1423])
#define XtCTextPosition ((char*)&XtStrings[1435])
#define XtCTextSink     ((char*)&XtStrings[1448])
#define XtCTextSource   ((char*)&XtStrings[1457])
#define XtNchildren     ((char*)&XtStrings[145])
#define XtCThickness    ((char*)&XtStrings[1468])
#define XtCThumb        ((char*)&XtStrings[1478])
#define XtCTranslations ((char*)&XtStrings[1484])
#define XtCValue        ((char*)&XtStrings[1497])
#define XtCVSpace       ((char*)&XtStrings[1503])
#define XtCWidth        ((char*)&XtStrings[1510])
#define XtCWindow       ((char*)&XtStrings[1516])
#define XtCX    ((char*)&XtStrings[1523])
#define XtCY    ((char*)&XtStrings[1525])
#define XtRAcceleratorTable     ((char*)&XtStrings[1527])
#define XtRAtom ((char*)&XtStrings[1544])
#define XtRBitmap       ((char*)&XtStrings[1549])
#define XtNcolormap     ((char*)&XtStrings[154])
#define XtRBool ((char*)&XtStrings[1556])
#define XtRBoolean      ((char*)&XtStrings[1561])
#define XtRCallback     ((char*)&XtStrings[1569])
#define XtRCallProc     ((char*)&XtStrings[1578])
#define XtRCardinal     ((char*)&XtStrings[1587])
#define XtRColor        ((char*)&XtStrings[1596])
#define XtRColormap     ((char*)&XtStrings[1602])
#define XtRCursor       ((char*)&XtStrings[1611])
#define XtRDimension    ((char*)&XtStrings[1618])
#define XtRDisplay      ((char*)&XtStrings[1628])
#define XtREditMode     ((char*)&XtStrings[1636])
#define XtNdepth        ((char*)&XtStrings[163])
#define XtREnum ((char*)&XtStrings[1645])
#define XtRFile ((char*)&XtStrings[1650])
#define XtRFloat        ((char*)&XtStrings[1655])
#define XtRFont ((char*)&XtStrings[1661])
#define XtRFontStruct   ((char*)&XtStrings[1666])
#define XtRFunction     ((char*)&XtStrings[1677])
#define XtRGeometry     ((char*)&XtStrings[1686])
#define XtRImmediate    ((char*)&XtStrings[1695])
#define XtNdestroyCallback      ((char*)&XtStrings[169])
#define XtRInitialState ((char*)&XtStrings[1705])
#define XtRInt  ((char*)&XtStrings[1718])
#define XtRJustify      ((char*)&XtStrings[1722])
#define XtRLongBoolean  ((char*)&XtStrings[1730])
#define XtRObject       ((char*)&XtStrings[1735])
#define XtROrientation  ((char*)&XtStrings[1742])
#define XtRPixel        ((char*)&XtStrings[1754])
```

```
#define XtRPixmap       ((char*)&XtStrings[1760])
#define XtRPointer      ((char*)&XtStrings[1767])
#define XtRPosition     ((char*)&XtStrings[1775])
#define XtRScreen       ((char*)&XtStrings[1784])
#define XtRShort        ((char*)&XtStrings[1791])
#define XtRString       ((char*)&XtStrings[1797])
#define XtRStringArray  ((char*)&XtStrings[1804])
#define XtRStringTable  ((char*)&XtStrings[1816])
#define XtRUnsignedChar ((char*)&XtStrings[1828])
#define XtRTranslationTable     ((char*)&XtStrings[1841])
#define XtRVisual       ((char*)&XtStrings[1858])
#define XtNeditType     ((char*)&XtStrings[185])
#define XtRWidget       ((char*)&XtStrings[1865])
#define XtRWidgetClass  ((char*)&XtStrings[1872])
#define XtRWidgetList   ((char*)&XtStrings[1884])
#define XtRWindow       ((char*)&XtStrings[1895])
#define XtEoff  ((char*)&XtStrings[1902])
#define XtEfalse        ((char*)&XtStrings[1906])
#define XtEno   ((char*)&XtStrings[1912])
#define XtEon   ((char*)&XtStrings[1915])
#define XtEtrue ((char*)&XtStrings[1918])
#define XtEyes  ((char*)&XtStrings[1923])
#define XtEvertical     ((char*)&XtStrings[1927])
#define XtEhorizontal   ((char*)&XtStrings[1936])
#define XtEtextRead     ((char*)&XtStrings[1947])
#define XtNfile ((char*)&XtStrings[194])
#define XtEtextAppend   ((char*)&XtStrings[1952])
#define XtEtextEdit     ((char*)&XtStrings[1959])
#define XtExtdefaultbackground  ((char*)&XtStrings[1964])
#define XtExtdefaultforeground  ((char*)&XtStrings[1984])
#define XtNfont ((char*)&XtStrings[199])
#define XtExtdefaultfont        ((char*)&XtStrings[2004])
#define XtNfontSet      ((char*)&XtStrings[2018])
#define XtRFontSet      ((char*)&XtStrings[2026])
#define XtCFontSet      ((char*)&XtStrings[2034])
#define XtRGravity      ((char*)&XtStrings[2042])
#define XtNforceBars    ((char*)&XtStrings[204])
#define XtNcreateHook   ((char*)&XtStrings[2050])
#define XtNchangeHook   ((char*)&XtStrings[2061])
#define XtNconfigureHook        ((char*)&XtStrings[2072])
#define XtNgeometryHook ((char*)&XtStrings[2086])
#define XtNdestroyHook  ((char*)&XtStrings[2099])
#define XtNshells       ((char*)&XtStrings[2111])
#define XtNnumShells    ((char*)&XtStrings[2118])
#define XtRCommandArgArray      ((char*)&XtStrings[2128])
#define XtRDirectoryString      ((char*)&XtStrings[2144])
#define XtNforeground   ((char*)&XtStrings[214])
#define XtREnvironmentArray     ((char*)&XtStrings[2160])
#define XtRRestartStyle ((char*)&XtStrings[2177])
#define XtRSmcConn      ((char*)&XtStrings[2190])
#define XtHcreate       ((char*)&XtStrings[2198])
#define XtHsetValues    ((char*)&XtStrings[2207])
#define XtHmanageChildren       ((char*)&XtStrings[2219])
#define XtHunmanageChildren     ((char*)&XtStrings[2236])
#define XtHmanageSet    ((char*)&XtStrings[2255])
#define XtNfunction     ((char*)&XtStrings[225])
#define XtHunmanageSet  ((char*)&XtStrings[2267])
#define XtHrealizeWidget        ((char*)&XtStrings[2281])
#define XtHunrealizeWidget      ((char*)&XtStrings[2297])
#define XtHaddCallback  ((char*)&XtStrings[2315])
#define XtHaddCallbacks ((char*)&XtStrings[2329])
#define XtHremoveCallback       ((char*)&XtStrings[2344])
#define XtNheight       ((char*)&XtStrings[234])
#define XtHremoveCallbacks      ((char*)&XtStrings[2361])
#define XtHremoveAllCallbacks   ((char*)&XtStrings[2379])
#define XtHaugmentTranslations  ((char*)&XtStrings[2400])
```

```
#define XtNhighlight    ((char*)&XtStrings[241])
#define XtHoverrideTranslations ((char*)&XtStrings[2422])
#define XtHuninstallTranslations        ((char*)&XtStrings[2445])
#define XtHsetKeyboardFocus     ((char*)&XtStrings[2469])
#define XtHsetWMColormapWindows ((char*)&XtStrings[2488])
#define XtNallowVert    ((char*)&XtStrings[24])
#define XtHsetMappedWhenManaged ((char*)&XtStrings[2511])
#define XtNhSpace       ((char*)&XtStrings[251])
#define XtHmapWidget    ((char*)&XtStrings[2534])
#define XtHunmapWidget  ((char*)&XtStrings[2546])
#define XtHpopup        ((char*)&XtStrings[2560])
#define XtHpopupSpringLoaded    ((char*)&XtStrings[2568])
#define XtHpopdown      ((char*)&XtStrings[2588])
#define XtNindex        ((char*)&XtStrings[258])
#define XtHconfigure    ((char*)&XtStrings[2598])
#define XtHpreGeometry  ((char*)&XtStrings[2610])
#define XtHpostGeometry ((char*)&XtStrings[2624])
#define XtHdestroy      ((char*)&XtStrings[2639])
#define XtNinitialResourcesPersistent   ((char*)&XtStrings[264])
#define XtNinnerHeight  ((char*)&XtStrings[291])
#define XtNinnerWidth   ((char*)&XtStrings[303])
#define XtNinnerWindow  ((char*)&XtStrings[314])
#define XtNinsertPosition       ((char*)&XtStrings[326])
#define XtNinternalHeight       ((char*)&XtStrings[341])
#define XtNancestorSensitive    ((char*)&XtStrings[34])
#define XtNinternalWidth        ((char*)&XtStrings[356])
#define XtNjumpProc     ((char*)&XtStrings[370])
#define XtNjustify      ((char*)&XtStrings[379])
#define XtNknobHeight   ((char*)&XtStrings[387])
#define XtNknobIndent   ((char*)&XtStrings[398])
#define XtNknobPixel    ((char*)&XtStrings[409])
#define XtNknobWidth    ((char*)&XtStrings[419])
#define XtNlabel        ((char*)&XtStrings[429])
#define XtNlength       ((char*)&XtStrings[435])
#define XtNlowerRight   ((char*)&XtStrings[442])
#define XtNmappedWhenManaged    ((char*)&XtStrings[453])
#define XtNmenuEntry    ((char*)&XtStrings[471])
#define XtNname ((char*)&XtStrings[481])
#define XtNnotify       ((char*)&XtStrings[486])
#define XtNnumChildren  ((char*)&XtStrings[493])
#define XtNorientation  ((char*)&XtStrings[505])
#define XtNparameter    ((char*)&XtStrings[517])
#define XtNpixmap       ((char*)&XtStrings[527])
#define XtNbackground   ((char*)&XtStrings[52])
#define XtNpopupCallback        ((char*)&XtStrings[534])
#define XtNpopdownCallback      ((char*)&XtStrings[548])
#define XtNresize       ((char*)&XtStrings[564])
#define XtNreverseVideo ((char*)&XtStrings[571])
#define XtNscreen       ((char*)&XtStrings[584])
#define XtNscrollProc   ((char*)&XtStrings[591])
#define XtNscrollDCursor        ((char*)&XtStrings[602])
#define XtNscrollHCursor        ((char*)&XtStrings[616])
#define XtNscrollLCursor        ((char*)&XtStrings[630])
#define XtNbackgroundPixmap     ((char*)&XtStrings[63])
#define XtNscrollRCursor        ((char*)&XtStrings[644])
#define XtNscrollUCursor        ((char*)&XtStrings[658])
#define XtNscrollVCursor        ((char*)&XtStrings[672])
#define XtNselection    ((char*)&XtStrings[686])
#define XtNselectionArray       ((char*)&XtStrings[696])
#define XtNsensitive    ((char*)&XtStrings[711])
#define XtNshown        ((char*)&XtStrings[721])
#define XtNspace        ((char*)&XtStrings[727])
#define XtNstring       ((char*)&XtStrings[733])
#define XtNtextOptions  ((char*)&XtStrings[740])
#define XtNtextSink     ((char*)&XtStrings[752])
#define XtNtextSource   ((char*)&XtStrings[761])
```

```
#define XtNthickness    ((char*)&XtStrings[772])
#define XtNthumb        ((char*)&XtStrings[782])
#define XtNthumbProc    ((char*)&XtStrings[788])
#define XtNtop  ((char*)&XtStrings[798])
#define XtNtranslations ((char*)&XtStrings[802])
#define XtNbitmap       ((char*)&XtStrings[80])
#define XtNunrealizeCallback    ((char*)&XtStrings[815])
#define XtNupdate       ((char*)&XtStrings[833])
#define XtNuseBottom    ((char*)&XtStrings[840])
#define XtNuseRight     ((char*)&XtStrings[850])
#define XtNvalue        ((char*)&XtStrings[859])
#define XtNvSpace       ((char*)&XtStrings[865])
#define XtNwidth        ((char*)&XtStrings[872])
#define XtNwindow       ((char*)&XtStrings[878])
#define XtNborderColor  ((char*)&XtStrings[87])
#define XtNx    ((char*)&XtStrings[885])
#define XtNy    ((char*)&XtStrings[887])
#define XtCAccelerators ((char*)&XtStrings[889])
#define XtCBackground   ((char*)&XtStrings[902])
#define XtCBitmap       ((char*)&XtStrings[913])
#define XtCBoolean      ((char*)&XtStrings[920])
#define XtCBorderColor  ((char*)&XtStrings[928])
#define XtCBorderWidth  ((char*)&XtStrings[940])
#define XtCCallback     ((char*)&XtStrings[952])
#define XtCColormap     ((char*)&XtStrings[961])
#define XtCColor        ((char*)&XtStrings[970])
#define XtCCursor       ((char*)&XtStrings[976])
#define XtCDepth        ((char*)&XtStrings[983])
#define XtCEditType     ((char*)&XtStrings[989])
#define XtCEventBindings        ((char*)&XtStrings[998])
#define XtNborder       ((char*)&XtStrings[99])
#define _XtStringDefs_h_        1

extern char XtStrings[];
```

6.10.18 X11/Translatel.h

```
struct _TranslationData {
    unsigned char hasBindings;
    unsigned char operation;
    TMShortCard numStateTrees;
    struct _TranslationData *composers[2];
    EventMask eventMask;
    TMStateTree stateTreeTbl[1];
};
typedef struct _ActionsRec *ActionPtr;
typedef struct _ActionsRec {
    int idx;
    String *params;
    Cardinal num_params;
    ActionPtr next;
} ActionRec;
typedef long unsigned int TMLongCard;
struct _LateBindings {
    unsigned int knot:1;
    unsigned int pair:1;
    short unsigned int ref_count;
    KeySym keysym;
};
typedef struct _LateBindings *LateBindingsPtr;
struct _TMTypeMatchRec {
    TMLongCard eventType;
    TMLongCard eventCode;
    TMLongCard eventCodeMask;
```

```
    MatchProc matchEvent;
};
typedef struct _TMTypeMatchRec *TMTypeMatch;
struct _TMModifierMatchRec {
    TMLongCard modifiers;
    TMLongCard modifierMask;
    LateBindingsPtr lateModifiers;
    Boolean standard;
};
typedef struct _TMModifierMatchRec *TMModifierMatch;
typedef struct _TMEventRec *TMEventPtr;
typedef   Boolean(*MatchProc)   (TMTypeMatch,   TMModifierMatch,
TMEventPtr);
struct _TMEventRec {
    XEvent *xev;
    Event event;
};
typedef struct _EventRec {
    TMLongCard modifiers;
    TMLongCard modifierMask;
    LateBindingsPtr lateModifiers;
    TMLongCard eventType;
    TMLongCard eventCode;
    TMLongCard eventCodeMask;
    MatchProc matchEvent;
    Boolean standard;
} Event;
typedef short unsigned int TMShortCard;
typedef struct _TMBranchHeadRec {
    unsigned int isSimple:1;
    unsigned int hasActions:1;
    unsigned int hasCycles:1;
    unsigned int more:13;
    TMShortCard typeIndex;
    TMShortCard modIndex;
} TMBranchHeadRec;
typedef struct _TMSimpleStateTreeRec {
    unsigned int isSimple:1;
    unsigned int isAccelerator:1;
    unsigned int mappingNotifyInterest:1;
    unsigned int refCount:13;
    TMShortCard numBranchHeads;
    TMShortCard numQuarks;
    TMShortCard unused;
    TMBranchHeadRec *branchHeadTbl;
    XrmQuark *quarkTbl;
} TMSimpleStateTreeRec;
struct _XtStateRec {
    unsigned int isCycleStart:1;
    unsigned int isCycleEnd:1;
    TMShortCard typeIndex;
    TMShortCard modIndex;
    ActionPtr actions;
    StatePtr nextLevel;
};
typedef struct _XtStateRec *StatePtr;
typedef struct _TMParseStateTreeRec {
    unsigned int isSimple:1;
    unsigned int isAccelerator:1;
    unsigned int mappingNotifyInterest:1;
    unsigned int isStackQuarks:1;
    unsigned int isStackBranchHeads:1;
    unsigned int isStackComplexBranchHeads:1;
    unsigned int unused:10;
    TMShortCard numBranchHeads;
    TMShortCard numQuarks;
```

```
    TMShortCard numComplexBranchHeads;
    TMBranchHeadRec *branchHeadTbl;
    XrmQuark *quarkTbl;
    StatePtr *complexBranchHeadTbl;
    TMShortCard branchHeadTblSize;
    TMShortCard quarkTblSize;
    TMShortCard complexBranchHeadTblSize;
    StatePtr head;
} TMParseStateTreeRec;
typedef struct _TMComplexStateTreeRec {
    unsigned int isSimple:1;
    unsigned int isAccelerator:1;
    unsigned int mappingNotifyInterest:1;
    unsigned int refCount:13;
    TMShortCard numBranchHeads;
    TMShortCard numQuarks;
    TMShortCard numComplexBranchHeads;
    TMBranchHeadRec *branchHeadTbl;
    XrmQuark *quarkTbl;
    StatePtr *complexBranchHeadTbl;
} TMComplexStateTreeRec;
union _TMStateTreeRec {
    TMSimpleStateTreeRec simple;
    TMParseStateTreeRec parse;
    TMComplexStateTreeRec complex;
};
typedef union _TMStateTreeRec *TMStateTree;
typedef Boolean(*_XtTraversalProc) (StatePtr, XtPointer);
typedef struct _TMSimpleBindProcsRec {
    XtActionProc *procs;
} TMSimpleBindProcsRec;
typedef struct _TMSimpleBindDataRec {
    unsigned int isComplex:1;
    TMSimpleBindProcsRec bindTbl[8];
} TMSimpleBindDataRec;
typedef struct _TMComplexBindProcsRec {
    Widget widget;
    XtTranslations aXlations;
    XtActionProc *procs;
} TMComplexBindProcsRec;
struct _ATranslationData {
    unsigned char hasBindings;
    unsigned char operation;
    struct _TranslationData *xlations;
    struct _ATranslationData *next;
    TMComplexBindProcsRec bindTbl[24];
};
typedef struct _TMComplexBindDataRec {
    unsigned int isComplex:1;
    struct _ATranslationData *accel_context;
    TMComplexBindProcsRec bindTbl[24];
} TMComplexBindDataRec;
union _TMBindDataRec {
    TMSimpleBindDataRec simple;
    TMComplexBindDataRec complex;
};
typedef union _TMBindDataRec *TMBindData;
typedef struct _TMParseStateTreeRec *TMParseStateTree;
struct _EventSeqRec {
    Event event;
    StatePtr state;
    EventSeqPtr next;
    ActionPtr actions;
};
typedef struct _EventSeqRec *EventSeqPtr;
typedef struct _TMBranchHeadRec *TMBranchHead;
```

```
typedef unsigned int _XtTranslateOp;
```

6.10.19 X11/VendorP.h

```
typedef struct {
    XtPointer extension;
} VendorShellClassPart;
typedef struct _VendorShellClassRec {
    CoreClassPart core_class;
    CompositeClassPart composite_class;
    ShellClassPart shell_class;
    WMShellClassPart wm_shell_class;
    VendorShellClassPart vendor_shell_class;
} VendorShellClassRec;
typedef struct {
    int vendor_specific;
} VendorShellPart;
typedef struct {
    CorePart core;
    CompositePart composite;
    ShellPart shell;
    WMShellPart wm;
    VendorShellPart vendor;
} VendorShellRec;
typedef VendorShellRec *VendorShellWidget;
```

6.11 Interface Definitions for libXt

The interfaces defined on the following pages are included in libXt and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 6.9 shall behave as described in the referenced base document.

_XtCopyFromArg

Name

_XtCopyFromArg — Copy "size" bytes from src to dst.

Synopsis

```
void _XtCopyFromArg(XtArgVal src,char* dst,unsigned int size);
```

Description

The _XtCopyFromArg() function copies "size" bytes from src to dst. This is an internal X function call.

_XtInherit

Name

_XtInherit — inheritance operation.

Synopsis

```
#include <IntrinsicP.h>
```

```
extern void _XtInherit(
#if NeedFunctionPrototypes
    void
#endif
);
```

Description

_XtInherit() is a procedure that issues an error message if it is actually called.

_XtInheritTranslations

Name

_XtInheritTranslations — an inheritance constant

Synopsis

```
#include <CoreP.h>

externalref int _XtInheritTranslations;
```

Description

_XtInheritTranslations is an inheritance constant.

_XtIsSubclassOf

Name

_XtIsSubclassOf — determine if Widget is a subclass of WidgetClass.

Synopsis

```
#include <Intrinsic.h>

extern Boolean _XtIsSubclassOf(
    Widget              /* object*  /,
    WidgetClass         /* widget_class */,
    WidgetClass         /* flag_class */,
    _XtXtEnum           /* type_flag */,
);
```

Description

Determine if Widget(object) is a subclass of WidgetClass(widget_class).

6.12 Interfaces for libXext

Table 6-10 defines the library name and shared object name for the libXext library

Table 6-10 libXext Definition

Library:	libXext
SONAME:	libXext.so.6

The behavior of the interfaces in this library is specified by the following specifications:

[LSB] This Specification
[X-dbe] Double Buffer Extension Library
[X-DPMS] X Display Power Management Signaling
[X-evi] X Extended Visual Interface Extension
[X-security] X Security Extension Specification
[X-shape] X Nonrectangular Window Shape Extension Library
[X-shm] The MIT Shared Memory Extension
[X-sync] X Synchronization Extension Library

6.12.1 libXext interfaces

6.12.1.1 Interfaces for libXext interfaces

An LSB conforming implementation shall provide the generic functions for libXext interfaces specified in Table 6-11, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-11 libXext - libXext interfaces Function Interfaces

XMissingExtension [LSB]	XextAddDisplay [LSB]	XextCreateExtension [LSB]	XextDestroyExtension [LSB]
XextFindDisplay [LSB]	XextRemoveDisplay [LSB]		

6.12.2 X Shape Extension

6.12.2.1 Interfaces for X Shape Extension

An LSB conforming implementation shall provide the generic functions for X Shape Extension specified in Table 6-12, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-12 libXext - X Shape Extension Function Interfaces

XShapeCombineMask [X-shape]	XShapeCombineRectangles [X-shape]	XShapeCombineRegion [X-shape]	XShapeCombineShape [X-shape]
XShapeGetRectangles [X-shape]	XShapeInputSelected [X-shape]	XShapeOffsetShape [X-shape]	XShapeQueryExtension [X-shape]
XShapeQueryExtents [X-shape]	XShapeQueryVersion [X-shape]	XShapeSelectInput [X-shape]	

6.12.3 X Display Power Management Signaling Extension

6.12.3.1 Interfaces for X Display Power Management Signaling Extension

An LSB conforming implementation shall provide the generic functions for X Display Power Management Signaling Extension specified in Table 6-13, with the full mandatory functionality as described in the referenced underlying spec-

ification.

Table 6-13 libXext - X Display Power Management Signaling Extension Function Interfaces

DPMSCapable [X-DPMS]	DPMSDisable [X-DPMS]	DPMSEnable [X-DPMS]	DPMSForceLevel [X-DPMS]
DPMSGetTimeouts [X-DPMS]	DPMSGetVersion [X-DPMS]	DPMSInfo [X-DPMS]	DPMSQueryExtension [X-DPMS]
DPMSSetTimeouts [X-DPMS]			

6.12.4 X Shared Memory Extensions

6.12.4.1 Interfaces for X Shared Memory Extensions

An LSB conforming implementation shall provide the generic functions for X Shared Memory Extensions specified in Table 6-14, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-14 libXext - X Shared Memory Extensions Function Interfaces

XShmAttach [X-shm]	XShmCreateImage [X-shm]	XShmCreatePixmap [X-shm]	XShmDetach [X-shm]
XShmGetEventBase [X-shm]	XShmGetImage [X-shm]	XShmPixmapFormat [X-shm]	XShmPutImage [X-shm]
XShmQueryExtension [X-shm]	XShmQueryVersion [X-shm]		

6.12.5 MIT-MISC Extension

6.12.5.1 Interfaces for MIT-MISC Extension

No external functions are defined for libXext - MIT-MISC Extension in this part of the specification. See also the relevant architecture specific part of this specification.

6.12.6 X Synchronization Extension

6.12.6.1 Interfaces for X Synchronization Extension

An LSB conforming implementation shall provide the generic functions for X Synchronization Extension specified in Table 6-15, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-15 libXext - X Synchronization Extension Function Interfaces

XSyncAwait [X-sync]	XSyncChangeAlarm [X-sync]	XSyncChangeCounter [X-sync]	XSyncCreateAlarm [X-sync]
XSyncCreateCounter [X-sync]	XSyncDestroyAlarm [X-sync]	XSyncDestroyCounter [X-sync]	XSyncFreeSystemCounterList [X-sync]
XSyncGetPriority [X-sync]	XSyncInitialize [X-sync]	XSyncIntToValue [X-sync]	XSyncIntsToValue [X-sync]

XSyncListSystemCounters [X-sync]	XSyncMaxValue [X-sync]	XSyncMinValue [X-sync]	XSyncQueryAlarm [X-sync]
XSyncQueryCounter [X-sync]	XSyncQueryExtension [X-sync]	XSyncSetCounter [X-sync]	XSyncSetPriority [X-sync]
XSyncValueAdd [X-sync]	XSyncValueEqual [X-sync]	XSyncValueGreaterOrEqual [X-sync]	XSyncValueGreaterThan [X-sync]
XSyncValueHigh32 [X-sync]	XSyncValueIsNegative [X-sync]	XSyncValueIsPositive [X-sync]	XSyncValueIsZero [X-sync]
XSyncValueLessOrEqual [X-sync]	XSyncValueLessThan [X-sync]	XSyncValueLow32 [X-sync]	XSyncValueSubtract [X-sync]

6.12.7 X Security Extension

6.12.7.1 Interfaces for X Security Extension

An LSB conforming implementation shall provide the generic functions for X Security Extension specified in Table 6-16, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-16 libXext - X Security Extension Function Interfaces

XSecurityAllocXauth [X-security]	XSecurityFreeXauth [X-security]	XSecurityGenerateAuthorization [X-security]	XSecurityQueryExtension [X-security]
XSecurityRevokeAuthorization [X-security]			

6.12.8 X Double Buffer Extension

6.12.8.1 Interfaces for X Double Buffer Extension

An LSB conforming implementation shall provide the generic functions for X Double Buffer Extension specified in Table 6-17, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-17 libXext - X Double Buffer Extension Function Interfaces

XdbeAllocateBackBufferName [X-dbe]	XdbeBeginIdiom [X-dbe]	XdbeDeallocateBackBufferName [X-dbe]	XdbeEndIdiom [X-dbe]
XdbeFreeVisualInfo [X-dbe]	XdbeGetBackBufferAttributes [X-dbe]	XdbeGetVisualInfo [X-dbe]	XdbeQueryExtension [X-dbe]
XdbeSwapBuffers [X-dbe]			

6.12.9 X Extended Visual Interface Extension

6.12.9.1 Interfaces for X Extended Visual Interface Extension

An LSB conforming implementation shall provide the generic functions for X Extended Visual Interface Extension specified in Table 6-18, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-18 libXext - X Extended Visual Interface Extension Function Interfaces

XeviGetVisualInfo [X-evi]	XeviQueryExtension [X-evi]	XeviQueryVersion [X-evi]	

6.13 Data Definitions for libXext

This section defines global identifiers and their values that are associated with interfaces contained in libXext. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

6.13.1 X11/extensions/XEVI.h

```
#define XEVI_TRANSPARENCY_NONE  0
#define X_EVIQueryVersion       0
#define XEVI_TRANSPARENCY_PIXEL 1
#define X_EVIGetVisualInfo      1
#define XEVI_TRANSPARENCY_MASK  2

typedef struct {
    VisualID core_visual_id;
    int screen;
    int level;
    unsigned int transparency_type;
    unsigned int transparency_value;
    unsigned int min_hw_colormaps;
    unsigned int max_hw_colormaps;
    unsigned int num_colormap_conflicts;
    VisualID *colormap_conflicts;
} ExtendedVisualInfo;
extern int XeviGetVisualInfo(Display *, VisualID *, int,
                             ExtendedVisualInfo * *, int *);
extern int XeviQueryExtension(Display *);
extern int XeviQueryVersion(Display *, int *, int *);
```

6.13.2 X11/extensions/XEVIstr.h

```
#define XEVI_MINOR_VERSION      0
#define XEVI_MAJOR_VERSION      1
#define _EVISTR_H_      1
#define sz_xExtendedVisualInfo  16
#define sz_xEVIGetVisualInfoReply       32
#define sz_xEVIQueryVersionReply        32
#define sz_VisualID32   4
#define sz_xEVIQueryVersionReq  4
#define sz_xEVIGetVisualInfoReq 8
#define EVINAME "Extended-Visual-Information"

typedef unsigned int VisualID32;
typedef struct _xExtendedVisualInfo {
    CARD32 core_visual_id;
    INT8 screen;
    INT8 level;
    CARD8 transparency_type;
    CARD8 pad0;
    CARD32 transparency_value;
    CARD8 min_hw_colormaps;
    CARD8 max_hw_colormaps;
    CARD16 num_colormap_conflicts;
} xExtendedVisualInfo;
typedef struct _XEVIQueryVersion {
    CARD8 reqType;
    CARD8 xeviReqType;
    CARD16 length;
} xEVIQueryVersionReq;
typedef struct {
    BYTE type;
    CARD8 unused;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 majorVersion;
    CARD16 minorVersion;
    CARD32 pad0;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
} xEVIQueryVersionReply;
typedef struct _XEVIGetVisualInfoReq {
    CARD8 reqType;
    CARD8 xeviReqType;
    CARD16 length;
    CARD32 n_visual;
} xEVIGetVisualInfoReq;
typedef struct _XEVIGetVisualInfoReply {
    BYTE type;
    CARD8 unused;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 n_info;
    CARD32 n_conflicts;
    CARD32 pad0;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
} xEVIGetVisualInfoReply;
```

6.13.3 X11/extensions/XKBbells.h

```
#define _XKBBELLS_H_
#define XkbBI_Info      0
#define XkbBI_Warning   1
#define XkbBI_Failure   10
#define XkbBI_Wait      11
#define XkbBI_Proceed   12
#define XkbBI_Ignore    13
#define XkbBI_Iconify   14
#define XkbBI_Deiconify 15
#define XkbBI_Open      16
#define XkbBI_Close     17
#define XkbBI_TerminalBell      18
#define XkbBI_MarginBell        19
#define XkbBI_MinorError        2
#define XkbBI_CursorStuck       20
#define XkbBI_NewMail   21
#define XkbBI_LaunchApp 22
#define XkbBI_AppDeath  23
#define XkbBI_ImAlive   24
#define XkbBI_ClockChimeHour    25
#define XkbBI_ClockChimeHalf    26
#define XkbBI_ClockChimeQuarter 27
#define XkbBI_RepeatingLastBell 28
#define XkbBI_ComposeFail       29
#define XkbBI_MajorError        3
#define XkbBI_AX_FeatureOn      30
#define XkbBI_AX_FeatureOff     31
#define XkbBI_AX_FeatureChange  32
#define XkbBI_AX_IndicatorOn    33
#define XkbBI_AX_IndicatorOff   34
#define XkbBI_AX_IndicatorChange        35
#define XkbBI_AX_SlowKeysWarning        36
#define XkbBI_AX_SlowKeyPress   37
#define XkbBI_AX_SlowKeyAccept  38
#define XkbBI_AX_SlowKeyReject  39
#define XkbBI_BadValue  4
#define XkbBI_AX_SlowKeyRelease 40
#define XkbBI_AX_BounceKeyReject        41
#define XkbBI_AX_StickyLatch    42
#define XkbBI_AX_StickyLock     43
#define XkbBI_AX_StickyUnlock   44
#define XkbBI_NumBells  45
#define XkbBI_InvalidLocation   5
#define XkbBI_Question  6
#define XkbBI_Start     7
#define XkbBI_End       8
#define XkbBI_Success   9
#define XkbBN_AppDeath  "AppDeath"
#define XkbBN_AX_BounceKeyReject        "AX_BounceKeyReject"
#define XkbBN_AX_FeatureChange  "AX_FeatureChange"
#define XkbBN_AX_FeatureOff     "AX_FeatureOff"
#define XkbBN_AX_FeatureOn      "AX_FeatureOn"
#define XkbBN_AX_IndicatorChange        "AX_IndicatorChange"
#define XkbBN_AX_IndicatorOff   "AX_IndicatorOff"
#define XkbBN_AX_IndicatorOn    "AX_IndicatorOn"
#define XkbBN_AX_SlowKeyAccept  "AX_SlowKeyAccept"
#define XkbBN_AX_SlowKeyPress   "AX_SlowKeyPress"
#define XkbBN_AX_SlowKeyReject  "AX_SlowKeyReject"
#define XkbBN_AX_SlowKeyRelease "AX_SlowKeyRelease"
#define XkbBN_AX_SlowKeysWarning        "AX_SlowKeysWarning"
#define XkbBN_AX_StickyLatch    "AX_StickyLatch"
#define XkbBN_AX_StickyLock     "AX_StickyLock"
```

```
#define XkbBN_AX_StickyUnlock   "AX_StickyUnlock"
#define XkbBN_BadValue  "BadValue"
#define XkbBN_ClockChimeHalf    "ClockChimeHalf"
#define XkbBN_ClockChimeHour    "ClockChimeHour"
#define XkbBN_ClockChimeQuarter "ClockChimeQuarter"
#define XkbBN_Close     "Close"
#define XkbBN_ComposeFail       "ComposeFail"
#define XkbBN_CursorStuck       "CursorStuck"
#define XkbBN_Deiconify "Deconify"
#define XkbBN_End       "End"
#define XkbBN_Failure   "Failure"
#define XkbBN_Iconify   "Iconify"
#define XkbBN_Ignore    "Ignore"
#define XkbBN_ImAlive   "ImAlive"
#define XkbBN_Info      "Info"
#define XkbBN_InvalidLocation   "InvalidLocation"
#define XkbBN_LaunchApp "LaunchApp"
#define XkbBN_MajorError        "MajorError"
#define XkbBN_MarginBell        "MarginBell"
#define XkbBN_MinorError        "MinorError"
#define XkbBN_NewMail   "NewMail"
#define XkbBN_Open      "Open"
#define XkbBN_Proceed   "Proceed"
#define XkbBN_Question  "Question"
#define XkbBN_RepeatingLastBell "RepeatingLastBell"
#define XkbBN_Start     "Start"
#define XkbBN_Success   "Success"
#define XkbBN_TerminalBell      "TerminalBell"
#define XkbBN_Wait      "Wait"
#define XkbBN_Warning   "Warning"
```

6.13.4 X11/extensions/XShm.h

```
#define X_ShmQueryVersion       0
#define X_ShmAttach     1
#define X_ShmDetach     2
#define X_ShmPutImage   3
#define X_ShmGetImage   4
#define X_ShmCreatePixmap       5
#define ShmCompletion   0
#define ShmNumberEvents (ShmCompletion + 1)
#define BadShmSeg       0
#define ShmNumberErrors (BadShmSeg + 1)

typedef unsigned long int ShmSeg;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Drawable drawable;
    int major_code;
    int minor_code;
    ShmSeg shmseg;
    unsigned long int offset;
} XShmCompletionEvent;
typedef struct {
    ShmSeg shmseg;
    int shmid;
    char *shmaddr;
    int readOnly;
} XShmSegmentInfo;
extern int XShmAttach(Display *, XShmSegmentInfo *);
extern XImage *XShmCreateImage(Display *, Visual *, unsigned int,
```

```
int,
                                        char *, XShmSegmentInfo *,
unsigned int,
                                unsigned int);
extern Pixmap XShmCreatePixmap(Display *, Drawable, char *,
                                XShmSegmentInfo *, unsigned int,
                                unsigned int, unsigned int);
extern int XShmDetach(Display *, XShmSegmentInfo *);
extern int XShmGetEventBase(Display *);
extern int XShmGetImage(Display *, Drawable, XImage *, int, int,
                        unsigned long int);
extern int XShmPixmapFormat(Display *);
extern int XShmPutImage(Display *, Drawable, GC, XImage *, int,
int, int,
                        int, unsigned int, unsigned int, int);
extern int XShmQueryExtension(Display *);
extern int XShmQueryVersion(Display *, int *, int *, int *);
```

6.13.5 X11/extensions/Xdbe.h

```
#define XdbeBadBuffer   0

typedef Drawable XdbeBackBuffer;
typedef unsigned char XdbeSwapAction;
typedef struct {
    Window swap_window;
    XdbeSwapAction swap_action;
} XdbeSwapInfo;
typedef struct {
    Window window;
} XdbeBackBufferAttributes;
typedef struct {
    int type;
    Display *display;
    XdbeBackBuffer buffer;
    unsigned long int serial;
    unsigned char error_code;
    unsigned char request_code;
    unsigned char minor_code;
} XdbeBufferError;
extern   XdbeBackBuffer   XdbeAllocateBackBufferName(Display   *,
Window,
                                                     XdbeSwapAction);
extern int XdbeBeginIdiom(Display *);
extern      int      XdbeDeallocateBackBufferName(Display      *,
XdbeBackBuffer);
extern int XdbeEndIdiom(Display *);
extern void XdbeFreeVisualInfo(XdbeScreenVisualInfo *);
extern                                  XdbeBackBufferAttributes
*XdbeGetBackBufferAttributes(Display *,
                                                                Xdbe
BackBuffer);
extern    XdbeScreenVisualInfo    *XdbeGetVisualInfo(Display    *,
Drawable *,
                                                   int *);
extern int XdbeQueryExtension(Display *, int *, int *);
extern int XdbeSwapBuffers(Display *, XdbeSwapInfo *, int);
```

6.13.6 X11/extensions/Xdbeproto.h

```
#define DbeNumberErrors (DbeBadBuffer + 1)
#define DBE_MINOR_VERSION       0
#define DbeBadBuffer    0
```

```
#define DbeNumberEvents 0
#define X_DbeGetVersion 0
#define XdbeUndefined   0
#define DBE_MAJOR_VERSION       1
#define X_DbeAllocateBackBufferName     1
#define XdbeBackground  1
#define X_DbeDeallocateBackBufferName   2
#define XdbeUntouched   2
#define X_DbeSwapBuffers        3
#define XdbeCopied      3
#define X_DbeBeginIdiom 4
#define X_DbeEndIdiom   5
#define X_DbeGetVisualInfo      6
#define X_DbeGetBackBufferAttributes    7
#define DBE_PROTOCOL_NAME       "DOUBLE-BUFFER"

typedef CARD8 xDbeSwapAction;
typedef CARD32 xDbeBackBuffer;
```

6.13.7 X11/extensions/Xext.h

```
#define X_EXTENSION_MISSING     "missing"
#define X_EXTENSION_UNKNOWN     "unknown"

extern int XMissingExtension(Display *, const char *);
extern
      int (*XSetExtensionErrorHandler(int (*)(Display *, char *,
char *)))
    (Display *, char *, char *);
```

6.13.8 X11/extensions/dpms.h

```
#define DPMSModeOn      0
#define DPMSModeStandby 1
#define DPMSModeSuspend 2
#define DPMSModeOff     3

extern int DPMSCapable(Display *);
extern int DPMSDisable(Display *);
extern int DPMSEnable(Display *);
extern int DPMSForceLevel(Display *, CARD16);
extern int DPMSGetTimeouts(Display *, CARD16 *, CARD16 *, CARD16
*);
extern int DPMSGetVersion(Display *, int *, int *);
extern int DPMSInfo(Display *, CARD16 *, BOOL *);
extern int DPMSQueryExtension(Display *, int *, int *);
extern int DPMSSetTimeouts(Display *, CARD16, CARD16, CARD16);
```

6.13.9 X11/extensions/dpmsstr.h

```
#define DPMSNumberErrors        0
#define DPMSNumberEvents        0
#define X_DPMSGetVersion        0
#define DPMSMajorVersion        1
#define DPMSMinorVersion        1
#define X_DPMSCapable   1
#define _DPMSSTR_H_     1
#define sz_xDPMSSetTimeoutsReq  12
#define X_DPMSGetTimeouts       2
#define X_DPMSSetTimeouts       3
#define sz_xDPMSCapableReply    32
```

© 2008 Linux Foundation

```
#define sz_xDPMSGetTimeoutsReply        32
#define sz_xDPMSGetVersionReply 32
#define sz_xDPMSInfoReply       32
#define X_DPMSEnable    4
#define sz_xDPMSCapableReq      4
#define sz_xDPMSDisableReq      4
#define sz_xDPMSEnableReq       4
#define sz_xDPMSGetTimeoutsReq  4
#define sz_xDPMSInfoReq 4
#define X_DPMSDisable   5
#define X_DPMSForceLevel        6
#define X_DPMSInfo      7
#define sz_xDPMSForceLevelReq   8
#define sz_xDPMSGetVersionReq   8
#define DPMSExtensionName       "DPMS"

typedef struct {
    CARD8 reqType;
    CARD8 dpmsReqType;
    CARD16 length;
    CARD16 majorVersion;
    CARD16 minorVersion;
} xDPMSGetVersionReq;
typedef struct {
    BYTE type;
    CARD8 pad0;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 majorVersion;
    CARD16 minorVersion;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xDPMSGetVersionReply;
typedef struct {
    CARD8 reqType;
    CARD8 dpmsReqType;
    CARD16 length;
} xDPMSCapableReq;
typedef struct {
    BYTE type;
    CARD8 pad0;
    CARD16 sequenceNumber;
    CARD32 length;
    BOOL capable;
    CARD8 pad1;
    CARD16 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
    CARD32 pad7;
} xDPMSCapableReply;
typedef struct {
    CARD8 reqType;
    CARD8 dpmsReqType;
    CARD16 length;
} xDPMSGetTimeoutsReq;
typedef struct {
    BYTE type;
    CARD8 pad0;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 standby;
```

```
    CARD16 suspend;
    CARD16 off;
    CARD16 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
} xDPMSGetTimeoutsReply;
typedef struct {
    CARD8 reqType;
    CARD8 dpmsReqType;
    CARD16 length;
    CARD16 standby;
    CARD16 suspend;
    CARD16 off;
    CARD16 pad0;
} xDPMSSetTimeoutsReq;
typedef struct {
    CARD8 reqType;
    CARD8 dpmsReqType;
    CARD16 length;
} xDPMSEnableReq;
typedef struct {
    CARD8 reqType;
    CARD8 dpmsReqType;
    CARD16 length;
} xDPMSDisableReq;
typedef struct {
    CARD8 reqType;
    CARD8 dpmsReqType;
    CARD16 length;
    CARD16 level;
    CARD16 pad0;
} xDPMSForceLevelReq;
typedef struct {
    CARD8 reqType;
    CARD8 dpmsReqType;
    CARD16 length;
} xDPMSInfoReq;
typedef struct {
    BYTE type;
    CARD8 pad0;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 power_level;
    BOOL state;
    CARD8 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xDPMSInfoReply;
```

6.13.10 X11/extensions/extutil.h

```
#define XextHasExtension(i)     ((i) && ((i)->codes))
#define XEXT_ERROR_STRING_PROTO(proc)   \
        char *proc(Display *dpy, int code, XExtCodes *codes, char
*buf, int n)
#define XEXT_CLOSE_DISPLAY_PROTO(proc)  \
        int proc(Display *dpy, XExtCodes *codes)
#define XEXT_FIND_DISPLAY_PROTO(proc)   \
        XExtDisplayInfo *proc(Display *dpy)
```

```
#define XextCheckExtension(dpy,i,name,val)      \
    if  (!XextHasExtension(i))  {  XMissingExtension  (dpy,  name);
return val; }
#define XextSimpleCheckExtension(dpy,i,name)    \
    if  (!XextHasExtension(i))  {  XMissingExtension  (dpy,  name);
return; }
#define XEXT_GENERATE_ERROR_STRING(proc,extname,nerr,errl)      \
char *proc (Display *dpy, int code, XExtCodes *codes, char *buf,
int n) \
{ \
    code -= codes->first_error; \
    if (code >= 0 && code < nerr) { \
        char tmp[256]; \
        sprintf (tmp, "%s.%d", extname, code); \
                XGetErrorDatabaseText  (dpy,  "XProtoError",  tmp,
errl[code], buf, n); \
        return buf; \
    } \
    return (char *)0; \
}
#define XEXT_GENERATE_CLOSE_DISPLAY(proc,extinfo)       \
int proc (Display *dpy, XExtCodes *codes) \
{ \
    return XextRemoveDisplay (extinfo, dpy); \
}
#define
XEXT_GENERATE_FIND_DISPLAY(proc,extinfo,extname,hooks,nev,data) \
XExtDisplayInfo *proc (Display *dpy) \
{ \
XExtDisplayInfo *dpyinfo; \
       if  (!extinfo)  {  if  (!(extinfo  =  XextCreateExtension()))
return NULL; } \
    if (!(dpyinfo = XextFindDisplay (extinfo, dpy))) \
                                    dpyinfo     =     XextAddDisplay
(extinfo,dpy,extname,hooks,nev,data); \
    return dpyinfo; \
}

typedef struct _XExtDisplayInfo {
    struct _XExtDisplayInfo *next;
    Display *display;
    XExtCodes *codes;
    XPointer data;
} XExtDisplayInfo;
typedef struct _XExtensionInfo {
    XExtDisplayInfo *head;
    XExtDisplayInfo *cur;
    int ndisplays;
} XExtensionInfo;
typedef struct _XExtensionHooks {
    int (*create_gc) (Display *, GC, XExtCodes *);
    int (*copy_gc) (Display *, GC, XExtCodes *);
    int (*flush_gc) (Display *, GC, XExtCodes *);
    int (*free_gc) (Display *, GC, XExtCodes *);
    int (*create_font) (Display *, XFontStruct *, XExtCodes *);
    int (*free_font) (Display *, XFontStruct *, XExtCodes *);
    int (*close_display) (Display *, XExtCodes *);
    int (*wire_to_event) (Display *, XEvent *, xEvent *);
    int (*event_to_wire) (Display *, XEvent *, xEvent *);
    int (*error) (Display *, xError *, XExtCodes *, int *);
     char *(*error_string) (Display *, int, XExtCodes *, char *,
int);
} XExtensionHooks;
extern  XExtDisplayInfo  *XextAddDisplay(XExtensionInfo  *,  Display
*, char *,
                                         XExtensionHooks *, int,
```

```
XPointer);
extern XExtensionInfo *XextCreateExtension(void);
extern void XextDestroyExtension(XExtensionInfo *);
extern XExtDisplayInfo *XextFindDisplay(XExtensionInfo *, Display
*);
extern int XextRemoveDisplay(XExtensionInfo *, Display *);
```

6.13.11 X11/extensions/security.h

```
#define XSecurityAuthorizationName      "XC-QUERY-SECURITY-1"
#define XSecurityAuthorizationRevokedMask       (1<<0)
#define XSecurityTimeout        (1<<0)
#define XSecurityTrustLevel     (1<<1)
#define XSecurityGroup  (1<<2)
#define XSecurityEventMask      (1<<3)
#define XSecurityAllAuthorizationAttributes      (XSecurityTimeout
| XSecurityTrustLevel | XSecurityGroup | XSecurityEventMask)
#define XSecurityAuthorizationRevoked   0
#define XSecurityBadAuthorization       0
#define XSecurityClientTrusted  0
#define XSecurityBadAuthorizationProtocol       1
#define XSecurityClientUntrusted        1
#define XSecurityNumberEvents   1
#define XSecurityAuthorizationNameLen   19
#define XSecurityNumberErrors   2
#define XSecurityAllEventMasks  XSecurityAuthorizationRevokedMask

typedef unsigned long int XSecurityAuthorization;
typedef struct {
    unsigned int timeout;
    unsigned int trust_level;
    XID group;
    long int event_mask;
} XSecurityAuthorizationAttributes;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    XSecurityAuthorization auth_id;
} XSecurityAuthorizationRevokedEvent;
extern Xauth *XSecurityAllocXauth(void);
extern void XSecurityFreeXauth(Xauth *);
extern Xauth *XSecurityGenerateAuthorization(Display *, Xauth *,
                                             unsigned long int,
                                              XSecurityAuthorizati
onAttributes
                                                                    *,
XSecurityAuthorization *);
extern int XSecurityQueryExtension(Display *, int *, int *);
extern      int      XSecurityRevokeAuthorization(Display      *,
XSecurityAuthorization);
```

6.13.12 X11/extensions/shape.h

```
#define X_ShapeQueryVersion     0
#define X_ShapeRectangles       1
#define X_ShapeMask     2
#define X_ShapeCombine  3
#define X_ShapeOffset   4
#define X_ShapeQueryExtents     5
#define X_ShapeSelectInput      6
#define X_ShapeInputSelected    7
```

```
#define X_ShapeGetRectangles    8
#define ShapeSet        0
#define ShapeUnion      1
#define ShapeIntersect  2
#define ShapeSubtract   3
#define ShapeInvert     4
#define ShapeBounding   0
#define ShapeClip       1
#define ShapeInput      2
#define ShapeNotifyMask (1L << 0)
#define ShapeNotify     0
#define ShapeNumberEvents       (ShapeNotify + 1)

typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    Window window;
    int kind;
    int x;
    int y;
    unsigned int width;
    unsigned int height;
    Time time;
    int shaped;
} XShapeEvent;
extern void XShapeCombineMask(Display *, Window, int, int, int,
Pixmap,
                              int);
extern void XShapeCombineRectangles(Display *, Window, int, int,
int,
                                    XRectangle *, int, int, int);
extern void XShapeCombineRegion(Display *, Window, int, int, int,
Region,
                                int);
extern void XShapeCombineShape(Display *, Window, int, int, int,
Window,
                               int, int);
extern XRectangle *XShapeGetRectangles(Display *, Window, int,
int *,
                                       int *);
extern unsigned long int XShapeInputSelected(Display *, Window);
extern void XShapeOffsetShape(Display *, Window, int, int, int);
extern int XShapeQueryExtension(Display *, int *, int *);
extern int XShapeQueryExtents(Display *, Window, int *, int *,
int *,
                              unsigned int *, unsigned int *, int
*, int *,
                              int *, unsigned int *, unsigned int
*);
extern int XShapeQueryVersion(Display *, int *, int *);
extern void XShapeSelectInput(Display *, Window, unsigned long
int);
```

6.13.13 X11/extensions/sync.h

```
typedef XID XSyncCounter;
typedef XID XSyncAlarm;
typedef struct _XSyncValue {
    int hi;
    unsigned int lo;
} XSyncValue;
typedef enum {
```

```
    XSyncAbsolute,
    XSyncRelative
} XSyncValueType;
typedef enum {
    XSyncPositiveTransition,
    XSyncNegativeTransition,
    XSyncPositiveComparison,
    XSyncNegativeComparison
} XSyncTestType;
typedef enum {
    XSyncAlarmActive,
    XSyncAlarmInactive,
    XSyncAlarmDestroyed
} XSyncAlarmState;

#define SYNC_NAME       "SYNC"
#define _XSyncValueIsPositive(v)        (((v).hi&0x80000000)?0:1)
#define _XSyncValueIsNegative(v)        (((v).hi&0x80000000)?1:0)
#define  _XSyncValueLessThan(a,b)               ((a).hi<(b).hi  ||
((a).hi==(b).hi && (a).lo<(b).lo))
#define  _XSyncValueLessOrEqual(a,b)           ((a).hi<(b).hi  ||
((a).hi==(b).hi && (a).lo<=(b).lo))
#define  _XSyncValueGreaterThan(a,b)           ((a).hi>(b).hi  ||
((a).hi==(b).hi && (a).lo>(b).lo))
#define   _XSyncValueGreaterOrEqual(a,b)      ((a).hi>(b).hi   ||
((a).hi==(b).hi && (a).lo>=(b).lo))
#define    _XSyncValueEqual(a,b)            ((a).lo==(b).lo    &&
(a).hi==(b).hi)
#define _XSyncValueIsZero(a)    ((a).lo==0&&(a).hi==0)
#define   _XSyncIntToValue(pv,i)      ((pv)->hi=((i<0)?~0:0),(pv)-
>lo=(i))
#define  _XSyncMaxValue(pv)             ((pv)->hi=0x7fffffff,(pv)-
>lo=0xffffffff)
#define _XSyncMinValue(pv)      ((pv)->hi=0x80000000,(pv)->lo=0)
#define _XSyncIntsToValue(pv,l,h)       ((pv)->lo = (l), (pv)->hi
= (h))
#define _XSyncValueHigh32(v)    ((v).hi)
#define _XSyncValueLow32(v)     ((v).lo)
#define XSyncCACounter  (1L<<0)
#define XSyncCAValueType        (1L<<1)
#define XSyncCAValue    (1L<<2)
#define XSyncCATestType (1L<<3)
#define XSyncCADelta    (1L<<4)
#define XSyncCAEvents   (1L<<5)
#define XSyncAlarmNotifyMask    (1L<<XSyncAlarmNotify)
#define XSyncNumberErrors       (XSyncBadAlarm+1)
#define SYNC_MINOR_VERSION      0
#define XSyncCounterNotify      0
#define X_SyncInitialize        0
#define XSyncBadCounter 0L
#define XSyncAlarmNotify        1
#define X_SyncListSystemCounters        1
#define X_SyncQueryAlarm        10
#define X_SyncDestroyAlarm      11
#define X_SyncSetPriority       12
#define X_SyncGetPriority       13
#define XSyncBadAlarm   1L
#define X_SyncCreateCounter     2
#define XSyncNumberEvents       2L
#define SYNC_MAJOR_VERSION      3
#define X_SyncSetCounter        3
#define X_SyncChangeCounter     4
#define X_SyncQueryCounter      5
#define X_SyncDestroyCounter    6
#define X_SyncAwait     7
#define X_SyncCreateAlarm       8
```

```
#define X_SyncChangeAlarm       9
#define _XSyncValueAdd(presult,a,b,poverflow)   {\
int t = (a).lo;\
 Bool signa = XSyncValueIsNegative(a);\
 Bool signb = XSyncValueIsNegative(b);\
 ((presult)->lo = (a).lo + (b).lo);\
 ((presult)->hi = (a).hi + (b).hi);\
 if (t>(presult)->lo) (presult)->hi++;\
      *poverflow   =   ((signa   ==   signb)   &&   !(signa   ==
XSyncValueIsNegative(*presult)));\
}
#define _XSyncValueSubtract(presult,a,b,poverflow)      {\
int t = (a).lo;\
 Bool signa = XSyncValueIsNegative(a);\
 Bool signb = XSyncValueIsNegative(b);\
 ((presult)->lo = (a).lo - (b).lo);\
 ((presult)->hi = (a).hi - (b).hi);\
 if (t>(presult)->lo) (presult)->hi--;\
   *poverflow   =   ((signa   ==   signb)   &&   !(signa   ==
XSyncValueIsNegative(*presult)));\
}

typedef struct _XSyncSystemCounter {
    char *name;
    XSyncCounter counter;
    XSyncValue resolution;
} XSyncSystemCounter;
typedef struct {
    XSyncCounter counter;
    XSyncValueType value_type;
    XSyncValue wait_value;
    XSyncTestType test_type;
} XSyncTrigger;
typedef struct {
    XSyncTrigger trigger;
    XSyncValue event_threshold;
} XSyncWaitCondition;
typedef struct {
    XSyncTrigger trigger;
    XSyncValue delta;
    int events;
    XSyncAlarmState state;
} XSyncAlarmAttributes;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    XSyncCounter counter;
    XSyncValue wait_value;
    XSyncValue counter_value;
    Time time;
    int count;
    int destroyed;
} XSyncCounterNotifyEvent;
typedef struct {
    int type;
    unsigned long int serial;
    int send_event;
    Display *display;
    XSyncAlarm alarm;
    XSyncValue counter_value;
    XSyncValue alarm_value;
    Time time;
    XSyncAlarmState state;
} XSyncAlarmNotifyEvent;
```

```
typedef struct {
    int type;
    Display *display;
    XSyncAlarm alarm;
    unsigned long int serial;
    unsigned char error_code;
    unsigned char request_code;
    unsigned char minor_code;
} XSyncAlarmError;
typedef struct {
    int type;
    Display *display;
    XSyncCounter counter;
    unsigned long int serial;
    unsigned char error_code;
    unsigned char request_code;
    unsigned char minor_code;
} XSyncCounterError;
extern int XSyncAwait(Display *, XSyncWaitCondition *, int);
extern int XSyncChangeAlarm(Display *, XSyncAlarm, unsigned long
int,
                            XSyncAlarmAttributes *);
extern    int    XSyncChangeCounter(Display    *,    XSyncCounter,
XSyncValue);
extern XSyncAlarm XSyncCreateAlarm(Display *, unsigned long int,
                                   XSyncAlarmAttributes *);
extern XSyncCounter XSyncCreateCounter(Display *, XSyncValue);
extern int XSyncDestroyAlarm(Display *, XSyncAlarm);
extern int XSyncDestroyCounter(Display *, XSyncCounter);
extern void XSyncFreeSystemCounterList(XSyncSystemCounter *);
extern int XSyncGetPriority(Display *, XID, int *);
extern int XSyncInitialize(Display *, int *, int *);
extern void XSyncIntToValue(XSyncValue *, int);
extern void XSyncIntsToValue(XSyncValue *, unsigned int, int);
extern XSyncSystemCounter *XSyncListSystemCounters(Display *, int
*);
extern void XSyncMaxValue(XSyncValue *);
extern void XSyncMinValue(XSyncValue *);
extern     int     XSyncQueryAlarm(Display     *,     XSyncAlarm,
XSyncAlarmAttributes *);
extern int XSyncQueryCounter(Display *, XSyncCounter, XSyncValue
*);
extern int XSyncQueryExtension(Display *, int *, int *);
extern int XSyncSetCounter(Display *, XSyncCounter, XSyncValue);
extern int XSyncSetPriority(Display *, XID, int);
extern void XSyncValueAdd(XSyncValue *, XSyncValue, XSyncValue,
int *);
extern int XSyncValueEqual(XSyncValue, XSyncValue);
extern int XSyncValueGreaterOrEqual(XSyncValue, XSyncValue);
extern int XSyncValueGreaterThan(XSyncValue, XSyncValue);
extern int XSyncValueHigh32(XSyncValue);
extern int XSyncValueIsNegative(XSyncValue);
extern int XSyncValueIsPositive(XSyncValue);
extern int XSyncValueIsZero(XSyncValue);
extern int XSyncValueLessOrEqual(XSyncValue, XSyncValue);
extern int XSyncValueLessThan(XSyncValue, XSyncValue);
extern unsigned int XSyncValueLow32(XSyncValue);
extern   void   XSyncValueSubtract(XSyncValue   *,   XSyncValue,
XSyncValue,
                               int *);
```

6.13.14 X11/extensions/syncstr.h

```
#define sz_xSyncChangeAlarmReq  12
```

```
#define sz_xSyncCreateAlarmReq  12
#define sz_xSyncSetPriorityReq  12
#define sz_xSyncSystemCounter   14
#define sz_xSyncChangeCounterReq        16
#define sz_xSyncCreateCounterReq        16
#define sz_xSyncSetCounterReq   16
#define sz_xSyncWaitCondition   28
#define sz_xSyncGetPriorityReply        32
#define sz_xSyncInitializeReply 32
#define sz_xSyncListSystemCountersReply 32
#define sz_xSyncQueryCounterReply       32
#define sz_xSyncAwaitReq        4
#define sz_xSyncListSystemCountersReq   4
#define sz_xSyncQueryAlarmReply 40
#define sz_xSyncDestroyAlarmReq 8
#define sz_xSyncDestroyCounterReq       8
#define sz_xSyncGetPriorityReq  8
#define sz_xSyncInitializeReq   8
#define sz_xSyncQueryAlarmReq   8
#define sz_xSyncQueryCounterReq 8

typedef struct _xSyncInitialize {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD8 majorVersion;
    CARD8 minorVersion;
    CARD16 pad;
} xSyncInitializeReq;
typedef struct {
    BYTE type;
    CARD8 unused;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 majorVersion;
    CARD8 minorVersion;
    CARD16 pad;
    CARD32 pad0;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
} xSyncInitializeReply;
typedef struct _xSyncListSystemCounters {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
} xSyncListSystemCountersReq;
typedef struct {
    BYTE type;
    CARD8 unused;
    CARD16 sequenceNumber;
    CARD32 length;
    INT32 nCounters;
    CARD32 pad0;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
} xSyncListSystemCountersReply;
typedef struct {
    CARD32 counter;
    INT32 resolution_hi;
    CARD32 resolution_lo;
    CARD16 name_length;
} xSyncSystemCounter;
```

```
typedef struct _xSyncCreateCounterReq {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD32 cid;
    INT32 initial_value_hi;
    CARD32 initial_value_lo;
} xSyncCreateCounterReq;
typedef struct _xSyncChangeCounterReq {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD32 cid;
    INT32 value_hi;
    CARD32 value_lo;
} xSyncChangeCounterReq;
typedef struct _xSyncSetCounterReq {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD32 cid;
    INT32 value_hi;
    CARD32 value_lo;
} xSyncSetCounterReq;
typedef struct _xSyncDestroyCounterReq {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD32 counter;
} xSyncDestroyCounterReq;
typedef struct _xSyncQueryCounterReq {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD32 counter;
} xSyncQueryCounterReq;
typedef struct {
    BYTE type;
    CARD8 unused;
    CARD16 sequenceNumber;
    CARD32 length;
    INT32 value_hi;
    CARD32 value_lo;
    CARD32 pad0;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
} xSyncQueryCounterReply;
typedef struct _xSyncAwaitReq {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
} xSyncAwaitReq;
typedef struct _xSyncWaitCondition {
    CARD32 counter;
    CARD32 value_type;
    INT32 wait_value_hi;
    CARD32 wait_value_lo;
    CARD32 test_type;
    INT32 event_threshold_hi;
    CARD32 event_threshold_lo;
} xSyncWaitCondition;
typedef struct _xSyncCreateAlarmReq {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
```

```
    CARD32 id;
    CARD32 valueMask;
} xSyncCreateAlarmReq;
typedef struct _xSyncDestroyAlarmReq {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD32 alarm;
} xSyncDestroyAlarmReq;
typedef struct _xSyncQueryAlarmReq {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD32 alarm;
} xSyncQueryAlarmReq;
typedef struct {
    BYTE type;
    CARD8 unused;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 counter;
    CARD32 value_type;
    INT32 wait_value_hi;
    CARD32 wait_value_lo;
    CARD32 test_type;
    INT32 delta_hi;
    CARD32 delta_lo;
    BOOL events;
    BYTE state;
    BYTE pad0;
    BYTE pad1;
} xSyncQueryAlarmReply;
typedef struct _xSyncChangeAlarmReq {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD32 alarm;
    CARD32 valueMask;
} xSyncChangeAlarmReq;
typedef struct _xSyncSetPriority {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD32 id;
    INT32 priority;
} xSyncSetPriorityReq;
typedef struct _xSyncGetPriority {
    CARD8 reqType;
    CARD8 syncReqType;
    CARD16 length;
    CARD32 id;
} xSyncGetPriorityReq;
typedef struct {
    BYTE type;
    CARD8 unused;
    CARD16 sequenceNumber;
    CARD32 length;
    INT32 priority;
    CARD32 pad0;
    CARD32 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
} xSyncGetPriorityReply;
typedef struct _xSyncCounterNotifyEvent {
    BYTE type;
```

```
    BYTE kind;
    CARD16 sequenceNumber;
    CARD32 counter;
    INT32 wait_value_hi;
    CARD32 wait_value_lo;
    INT32 counter_value_hi;
    CARD32 counter_value_lo;
    CARD32 time;
    CARD16 count;
    BOOL destroyed;
    BYTE pad0;
} xSyncCounterNotifyEvent;
typedef struct _xSyncAlarmNotifyEvent {
    BYTE type;
    BYTE kind;
    CARD16 sequenceNumber;
    CARD32 alarm;
    INT32 counter_value_hi;
    CARD32 counter_value_lo;
    INT32 alarm_value_hi;
    CARD32 alarm_value_lo;
    CARD32 time;
    CARD8 state;
    BYTE pad0;
    BYTE pad1;
    BYTE pad2;
} xSyncAlarmNotifyEvent;
```

6.14 Interface Definitions for libXext

The interfaces defined on the following pages are included in libXext and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 6.12 shall behave as described in the referenced base document.

6.15 Interfaces for libXi

Table 6-19 defines the library name and shared object name for the libXi library

Table 6-19 libXi Definition

Library:	libXi
SONAME:	libXi.so.6

The behavior of the interfaces in this library is specified by the following specifications:

[XINPUT] X11 Input Library

6.15.1 XInput

6.15.1.1 Interfaces for XInput

An LSB conforming implementation shall provide the generic functions for XInput specified in Table 6-20, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-20 libXi - XInput Function Interfaces

XAllowDeviceEvents [XINPUT]	XChangeDeviceControl	XChangeDeviceDontPropagateL	XChangeDeviceKeyMapping

	[XINPUT]	ist [XINPUT]	[XINPUT]
XChangeFeedbackControl [XINPUT]	XChangeKeyboardDevice [XINPUT]	XChangePointerDevice [XINPUT]	XCloseDevice [XINPUT]
XDeviceBell [XINPUT]	XFreeDeviceControl [XINPUT]	XFreeDeviceList [XINPUT]	XFreeDeviceMotionEvents [XINPUT]
XFreeDeviceState [XINPUT]	XFreeFeedbackList [XINPUT]	XGetDeviceButtonMapping [XINPUT]	XGetDeviceControl [XINPUT]
XGetDeviceDontPropagateList [XINPUT]	XGetDeviceFocus [XINPUT]	XGetDeviceKeyMapping [XINPUT]	XGetDeviceModifierMapping [XINPUT]
XGetDeviceMotionEvents [XINPUT]	XGetExtensionVersion [XINPUT]	XGetFeedbackControl [XINPUT]	XGetSelectedExtensionEvents [XINPUT]
XGrabDevice [XINPUT]	XGrabDeviceButton [XINPUT]	XGrabDeviceKey [XINPUT]	XInput_find_display [XINPUT]
XListInputDevices [XINPUT]	XOpenDevice [XINPUT]	XQueryDeviceState [XINPUT]	XSelectExtensionEvent [XINPUT]
XSendExtensionEvent [XINPUT]	XSetDeviceButtonMapping [XINPUT]	XSetDeviceFocus [XINPUT]	XSetDeviceMode [XINPUT]
XSetDeviceModifierMapping [XINPUT]	XSetDeviceValuators [XINPUT]	XUngrabDevice [XINPUT]	XUngrabDeviceButton [XINPUT]
XUngrabDeviceKey [XINPUT]			

6.16 Data Definitions for libXi

This section defines global identifiers and their values that are associated with interfaces contained in libXi. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

6.16.1 X11/extensions/XI.h

```
#define InProximity     (0L << 1)
#define DeviceMode      (1L << 0)
#define DvAccelNum      (1L << 0)
#define DvInteger       (1L << 0)
#define DvString        (1L << 0)
#define DvAccelDenom    (1L << 1)
#define OutOfProximity  (1L << 1)
#define ProximityState  (1L << 1)
#define DvThreshold     (1L << 2)
#define DvKeyClickPercent       (1L<<0)
#define DvPercent       (1L<<1)
#define DvPitch (1L<<2)
#define DvDuration      (1L<<3)
#define DvLed   (1L<<4)
#define DvLedMode       (1L<<5)
#define DvKey   (1L<<6)
#define DvAutoRepeatMode        (1L<<7)
#define AddToList       0
#define AsyncThisDevice 0
#define COUNT   0
#define DeviceAdded     0
#define Dont_Check      0
#define IsXPointer      0
#define KbdFeedbackClass        0
#define KeyClass        0
#define NewPointer      0
#define Relative        0
#define XI_Absent       0
#define XI_BadDevice    0
#define XI_Initial_Release_Minor        0
#define XPOINTER        0
#define _devicePointerMotionHint        0
#define _devicePresence 0
#define UseXKeyboard    0xFF
#define Absolute        1
#define ButtonClass     1
#define CREATE  1
#define DEVICE_RESOLUTION       1
#define DeleteFromList  1
#define DeviceRemoved   1
#define IsXKeyboard     1
#define NewKeyboard     1
#define NoSuchExtension 1
#define PtrFeedbackClass        1
#define SyncThisDevice  1
#define XI_Add_DevicePresenceNotify_Major       1
#define XI_Add_XChangeDeviceControl_Major       1
#define XI_Add_XDeviceBell_Major        1
#define XI_Add_XDeviceBell_Minor        1
#define XI_Add_XSetDeviceValuators_Major        1
#define XI_BadEvent     1
#define XI_Initial_Release_Major        1
#define XI_Present      1
#define XInput_Initial_Release  1
#define XKEYBOARD       1
#define _deviceButton1Motion    1
#define sz_xAllowDeviceEventsReq        12
#define sz_xChangeDeviceDontPropagateListReq    12
#define sz_xChangeFeedbackControlReq    12
#define sz_xSelectExtensionEventReq     12
#define sz_xUngrabDeviceReq     12
#define sz_xGetDeviceMotionEventsReq    16
#define sz_xSendExtensionEventReq       16
#define sz_xSetDeviceFocusReq   16
#define sz_xUngrabDeviceButtonReq       16
#define sz_xUngrabDeviceKeyReq  16
```

```
#define DEVICE_ABS_CALIB        2
#define DeviceEnabled   2
#define IsXExtensionDevice      2
#define ReplayThisDevice        2
#define StringFeedbackClass     2
#define ValuatorClass   2
#define XI_Add_XSetDeviceValuators_Minor        2
#define XI_BadMode      2
#define XInput_Add_XDeviceBell  2
#define _deviceButton2Motion    2
#define sz_xGrabDeviceButtonReq 20
#define sz_xGrabDeviceKeyReq    20
#define sz_xGrabDeviceReq       20
#define AsyncOtherDevices       3
#define DEVICE_CORE     3
#define DeviceDisabled  3
#define FeedbackClass   3
#define FollowKeyboard  3
#define IntegerFeedbackClass    3
#define IsXExtensionKeyboard    3
#define RevertToFollowKeyboard  3
#define XI_Add_XChangeDeviceControl_Minor       3
#define XI_DeviceBusy   3
#define XInput_Add_XSetDeviceValuators  3
#define _deviceButton3Motion    3
#define sz_xChangeDeviceControlReply    32
#define sz_xChangeKeyboardDeviceReply   32
#define sz_xChangePointerDeviceReply    32
#define sz_xGetDeviceButtonMappingReply 32
#define sz_xGetDeviceControlReply       32
#define sz_xGetDeviceDontPropagateListReply     32
#define sz_xGetDeviceFocusReply 32
#define sz_xGetDeviceKeyMappingReply    32
#define sz_xGetDeviceMotionEventsReply  32
#define sz_xGetExtensionVersionReply    32
#define sz_xGetFeedbackControlReply     32
#define sz_xGetSelectedExtensionEventsReply     32
#define sz_xGrabDeviceButtonReply       32
#define sz_xGrabDeviceKeyReply  32
#define sz_xGrabDeviceReply     32
#define sz_xListInputDevicesReply       32
#define sz_xOpenDeviceReply     32
#define sz_xQueryDeviceStateReply       32
#define sz_xSetDeviceButtonMappingReply 32
#define sz_xSetDeviceModeReply  32
#define sz_xSetDeviceModifierMappingReply       32
#define sz_xSetDeviceValuatorsReply     32
#define AsyncAll        4
#define DEVICE_ENABLE   4
#define DeviceUnrecoverable     4
#define IsXExtensionPointer     4
#define LedFeedbackClass        4
#define ProximityClass  4
#define XI_Add_DevicePresenceNotify_Minor       4
#define XI_BadClass     4
#define XInput_Add_XChangeDeviceControl 4
#define _deviceButton4Motion    4
#define sz_xListInputDevicesReq 4
#define BellFeedbackClass       5
#define DEVICE_ABS_AREA 5
#define FocusClass      5
#define SyncAll 5
#define XInput_Add_DevicePresenceNotify 5
#define _deviceButton5Motion    5
#define OtherClass      6
#define _deviceButtonMotion     6
```

```
#define _deviceButtonGrab       7
#define _deviceOwnerGrabButton  8
#define sz_xChangeDeviceControlReq      8
#define sz_xChangeDeviceKeyMappingReq   8
#define sz_xChangeKeyboardDeviceReq     8
#define sz_xChangePointerDeviceReq      8
#define sz_xCloseDeviceReq      8
#define sz_xDeviceBellReq       8
#define sz_xGetDeviceButtonMappingReq   8
#define sz_xGetDeviceControlReq 8
#define sz_xGetDeviceDontPropagateListReq       8
#define sz_xGetDeviceFocusReq   8
#define sz_xGetDeviceKeyMappingReq      8
#define sz_xGetDeviceModifierMappingReq 8
#define sz_xGetExtensionVersionReq      8
#define sz_xGetFeedbackControlReq       8
#define sz_xGetSelectedExtensionEventsReq       8
#define sz_xOpenDeviceReq       8
#define sz_xQueryDeviceStateReq 8
#define sz_xSetDeviceButtonMappingReq   8
#define sz_xSetDeviceModeReq    8
#define sz_xSetDeviceModifierMappingReq 8
#define sz_xSetDeviceValuatorsReq       8
#define _noExtensionEvent       9
#define XI_BARCODE      "BARCODE"
#define XI_BUTTONBOX    "BUTTONBOX"
#define XI_CURSORKEYS   "CURSORKEYS"
#define XI_DATAGLOVE    "DATAGLOVE"
#define XI_EYETRACKER   "EYETRACKER"
#define XI_FOOTMOUSE    "FOOTMOUSE"
#define XI_ID_MODULE    "ID_MODULE"
#define XI_KEYBOARD     "KEYBOARD"
#define XI_KNOB_BOX     "KNOB_BOX"
#define XI_MOUSE        "MOUSE"
#define XI_NINE_KNOB    "NINE_KNOB"
#define XI_ONE_KNOB     "ONE_KNOB"
#define XI_QUADRATURE   "QUADRATURE"
#define XI_SPACEBALL    "SPACEBALL"
#define XI_TABLET       "TABLET"
#define XI_TOUCHPAD     "TOUCHPAD"
#define XI_TOUCHSCREEN  "TOUCHSCREEN"
#define XI_TRACKBALL    "TRACKBALL"
#define INAME   "XInputExtension"

typedef long unsigned int XEventClass;
typedef struct {
    int present;
    short int major_version;
    short int minor_version;
} XExtensionVersion;
```

6.16.2 X11/extensions/XInput.h

```
#define _XINPUT_H_
#define DeviceButtonPress(d,type,_class)         \
                FindTypeAndClass(d,  type,  _class,  ButtonClass,
_deviceButtonPress)
#define DeviceButtonRelease(d,type,_class)       \
                FindTypeAndClass(d,  type,  _class,  ButtonClass,
_deviceButtonRelease)
#define DeviceFocusIn(d,type,_class)     \
                 FindTypeAndClass(d,  type,  _class,  FocusClass,
_deviceFocusIn)
#define DeviceFocusOut(d,type,_class)    \
```

```
                FindTypeAndClass(d,  type,  _class,  FocusClass,
_deviceFocusOut)
#define DeviceKeyPress(d,type,_class)    \
                  FindTypeAndClass(d,  type,  _class,  KeyClass,
_deviceKeyPress)
#define DeviceKeyRelease(d,type,_class)  \
                  FindTypeAndClass(d,  type,  _class,  KeyClass,
_deviceKeyRelease)
#define ChangeDeviceNotify(d,type,_class)        \
                FindTypeAndClass(d,  type,  _class,  OtherClass,
_changeDeviceNotify)
#define DeviceMappingNotify(d,type,_class)       \
                FindTypeAndClass(d,  type,  _class,  OtherClass,
_deviceMappingNotify)
#define DeviceStateNotify(d,type,_class)         \
                FindTypeAndClass(d,  type,  _class,  OtherClass,
_deviceStateNotify)
#define ProximityIn(d,type,_class)       \
              FindTypeAndClass(d,  type,  _class,  ProximityClass,
_proximityIn)
#define ProximityOut(d,type,_class)      \
             FindTypeAndClass(d,  type,  _class,  ProximityClass,
_proximityOut)
#define DeviceMotionNotify(d,type,_class)        \
              FindTypeAndClass(d,  type,  _class,  ValuatorClass,
_deviceMotionNotify)
#define FindTypeAndClass(d,type,_class,classid,offset)   \
        { int _i; XInputClassInfo *_ip; type = 0; _class = 0; for
(_i=0, _ip= \
               ((XDevice  *)  d)->classes;  _i<  ((XDevice  *)  d)-
>num_classes; _i++, \
           _ip++) if (_ip->input_class == classid) {type = _ip-
>event_type_base + \
            offset; _class = ((XDevice *) d)->device_id << 8 |
type;}}
#define DevicePointerMotionHint(d,type,_class)   \
        { _class = ((XDevice *) d)->device_id << 8 | \
        _devicePointerMotionHint;}
#define DeviceButton1Motion(d,type,_class)       \
               {  _class  =  ((XDevice  *)  d)->device_id  <<  8  |
_deviceButton1Motion;}
#define DeviceButton2Motion(d,type,_class)       \
               {  _class  =  ((XDevice  *)  d)->device_id  <<  8  |
_deviceButton2Motion;}
#define DeviceButton3Motion(d,type,_class)       \
               {  _class  =  ((XDevice  *)  d)->device_id  <<  8  |
_deviceButton3Motion;}
#define DeviceButton5Motion(d,type,_class)       \
               {  _class  =  ((XDevice  *)  d)->device_id  <<  8  |
_deviceButton5Motion;}
#define DeviceButtonPressGrab(d,type,_class)     \
               {  _class  =  ((XDevice  *)  d)->device_id  <<  8  |
_deviceButtonGrab;}
#define DeviceOwnerGrabButton(d,type,_class)     \
               {  _class  =  ((XDevice  *)  d)->device_id  <<  8  |
_deviceOwnerGrabButton;}
#define NoExtensionEvent(d,type,_class)  \
               {  _class  =  ((XDevice  *)  d)->device_id  <<  8  |
_noExtensionEvent;}
#define _deviceButtonPress      0
#define _deviceFocusIn  0
#define _deviceKeyPress 0
#define _deviceMotionNotify     0
#define _deviceStateNotify      0
#define _proximityIn    0
#define _deviceButtonRelease    1
```

```
#define _deviceFocusOut 1
#define _deviceKeyRelease       1
#define _deviceMappingNotify    1
#define _proximityOut   1
#define _changeDeviceNotify     2
#define  DeviceButton4Motion(d,type,  _class)         {  _class  =
((XDevice *) d)->device_id << 8 | _deviceButton4Motion;}
#define  DeviceButtonMotion(d,type,  _class)          {  _class  =
((XDevice *) d)->device_id << 8 | _deviceButtonMotion;}
#define DevicePresence(dpy, type, _class)       {\
    extern int _XiGetDevicePresenceNotifyEvent(Display *); \
    type = _XiGetDevicePresenceNotifyEvent(dpy);            \
 _class =  (0x10000 | _devicePresence); \
 }

typedef struct {
    unsigned char input_class;
    unsigned char event_type_base;
} XInputClassInfo;
typedef struct {
    XID device_id;
    int num_classes;
    XInputClassInfo *classes;
} XDevice;
typedef struct {
    int type;
    long unsigned int serial;
    int send_event;
    Display *display;
    Window window;
    XID deviceid;
    Window root;
    Window subwindow;
    Time time;
    int x;
    int y;
    int x_root;
    int y_root;
    unsigned int state;
    unsigned int keycode;
    int same_screen;
    unsigned int device_state;
    unsigned char axes_count;
    unsigned char first_axis;
    int axis_data[6];
} XDeviceKeyEvent;
typedef XDeviceKeyEvent XDeviceKeyPressedEvent;
typedef XDeviceKeyEvent XDeviceKeyReleasedEvent;
typedef struct {
    int type;
    long unsigned int serial;
    int send_event;
    Display *display;
    Window window;
    XID deviceid;
    Window root;
    Window subwindow;
    Time time;
    int x;
    int y;
    int x_root;
    int y_root;
    unsigned int state;
    unsigned int button;
    int same_screen;
    unsigned int device_state;
```

```
    unsigned char axes_count;
    unsigned char first_axis;
    int axis_data[6];
} XDeviceButtonEvent;
typedef XDeviceButtonEvent XDeviceButtonPressedEvent;
typedef XDeviceButtonEvent XDeviceButtonReleasedEvent;
typedef struct {
    int type;
    long unsigned int serial;
    int send_event;
    Display *display;
    Window window;
    XID deviceid;
    Window root;
    Window subwindow;
    Time time;
    int x;
    int y;
    int x_root;
    int y_root;
    unsigned int state;
    char is_hint;
    int same_screen;
    unsigned int device_state;
    unsigned char axes_count;
    unsigned char first_axis;
    int axis_data[6];
} XDeviceMotionEvent;
typedef struct {
    int type;
    long unsigned int serial;
    int send_event;
    Display *display;
    Window window;
    XID deviceid;
    int mode;
    int detail;
    Time time;
} XDeviceFocusChangeEvent;
typedef XDeviceFocusChangeEvent XDeviceFocusInEvent;
typedef XDeviceFocusChangeEvent XDeviceFocusOutEvent;
typedef struct {
    int type;
    long unsigned int serial;
    int send_event;
    Display *display;
    Window window;
    XID deviceid;
    Window root;
    Window subwindow;
    Time time;
    int x;
    int y;
    int x_root;
    int y_root;
    unsigned int state;
    int same_screen;
    unsigned int device_state;
    unsigned char axes_count;
    unsigned char first_axis;
    int axis_data[6];
} XProximityNotifyEvent;
typedef XProximityNotifyEvent XProximityInEvent;
typedef XProximityNotifyEvent XProximityOutEvent;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
```

```
    unsigned c_class;
#else
    unsigned class;
#endif
    unsigned char length;
} XInputClass;
typedef struct {
    int type;
    long unsigned int serial;
    int send_event;
    Display *display;
    Window window;
    XID deviceid;
    Time time;
    int num_classes;
    char data[64];
} XDeviceStateNotifyEvent;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    unsigned c_class;
#else
    unsigned class;
#endif
    unsigned char length;
    unsigned char num_valuators;
    unsigned char mode;
    int valuators[6];
} XValuatorStatus;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    unsigned c_class;
#else
    unsigned class;
#endif
    unsigned char length;
    short int num_keys;
    char keys[32];
} XKeyStatus;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    unsigned c_class;
#else
    unsigned class;
#endif
    unsigned char length;
    short int num_buttons;
    char buttons[32];
} XButtonStatus;
typedef struct {
    int type;
    long unsigned int serial;
    int send_event;
    Display *display;
    Window window;
    XID deviceid;
    Time time;
    int request;
    int first_keycode;
    int count;
} XDeviceMappingEvent;
typedef struct {
    int type;
    long unsigned int serial;
    int send_event;
    Display *display;
    Window window;
```

```
    XID deviceid;
    Time time;
    int request;
} XChangeDeviceNotifyEvent;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
} XFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int click;
    int percent;
    int pitch;
    int duration;
    int led_mask;
    int global_auto_repeat;
    char auto_repeats[32];
} XKbdFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int accelNum;
    int accelDenom;
    int threshold;
} XPtrFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int resolution;
    int minVal;
    int maxVal;
} XIntegerFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int max_symbols;
    int num_syms_supported;
    KeySym *syms_supported;
} XStringFeedbackState;
typedef struct {
```

```
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int percent;
    int pitch;
    int duration;
} XBellFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int led_values;
    int led_mask;
} XLedFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
} XFeedbackControl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int accelNum;
    int accelDenom;
    int threshold;
} XPtrFeedbackControl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int click;
    int percent;
    int pitch;
    int duration;
    int led_mask;
    int led_value;
    int key;
    int auto_repeat_mode;
} XKbdFeedbackControl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
```

© 2008 Linux Foundation

```
    int length;
    XID id;
    int num_keysyms;
    KeySym *syms_to_display;
} XStringFeedbackControl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int int_to_display;
} XIntegerFeedbackControl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int percent;
    int pitch;
    int duration;
} XBellFeedbackControl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    XID id;
    int led_mask;
    int led_values;
} XLedFeedbackControl;
typedef struct {
    XID control;
    int length;
} XDeviceControl;
typedef struct {
    XID control;
    int length;
    int first_valuator;
    int num_valuators;
    int *resolutions;
} XDeviceResolutionControl;
typedef struct {
    XID control;
    int length;
    int num_valuators;
    int *resolutions;
    int *min_resolutions;
    int *max_resolutions;
} XDeviceResolutionState;
typedef struct _XAnyClassinfo *XAnyClassPtr;
typedef struct _XAnyClassinfo {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
} XAnyClassInfo;
```

```
typedef struct _XDeviceInfo *XDeviceInfoPtr;
typedef struct _XDeviceInfo {
    XID id;
    Atom type;
    char *name;
    int num_classes;
    int use;
    XAnyClassPtr inputclassinfo;
} XDeviceInfo;
typedef struct _XKeyInfo *XKeyInfoPtr;
typedef struct _XKeyInfo {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    short unsigned int min_keycode;
    short unsigned int max_keycode;
    short unsigned int num_keys;
} XKeyInfo;
typedef struct _XButtonInfo *XButtonInfoPtr;
typedef struct _XButtonInfo {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    short int num_buttons;
} XButtonInfo;
typedef struct _XAxisInfo *XAxisInfoPtr;
typedef struct _XAxisInfo {
    int resolution;
    int min_value;
    int max_value;
} XAxisInfo;
typedef struct _XValuatorInfo *XValuatorInfoPtr;
typedef struct _XValuatorInfo {
#if defined(__cplusplus) || defined(c_plusplus)
    XID c_class;
#else
    XID class;
#endif
    int length;
    unsigned char num_axes;
    unsigned char mode;
    long unsigned int motion_buffer;
    XAxisInfoPtr axes;
} XValuatorInfo;
typedef struct {
    XEventClass event_type;
    XID device;
} XEventList;
typedef struct {
    Time time;
    int *data;
} XDeviceTimeCoord;
typedef struct {
    XID device_id;
    int num_classes;
    XInputClass *data;
} XDeviceState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    unsigned c_class;
```

```
#else
    unsigned class;
#endif
    unsigned char length;
    unsigned char num_valuators;
    unsigned char mode;
    int *valuators;
} XValuatorState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    unsigned c_class;
#else
    unsigned class;
#endif
    unsigned char length;
    short int num_keys;
    char keys[32];
} XKeyState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    unsigned c_class;
#else
    unsigned class;
#endif
    unsigned char length;
    short int num_buttons;
    char buttons[32];
} XButtonState;
extern int XAllowDeviceEvents(Display *, XDevice *, int, Time);
extern int XChangeDeviceControl(Display *, XDevice *, int,
                                XDeviceControl *);
extern int XChangeDeviceDontPropagateList(Display *, Window, int,
                                          XEventClass *, int);
extern int XChangeDeviceKeyMapping(Display *, XDevice *, int,
int,
                                   KeySym *, int);
extern int XChangeFeedbackControl(Display *, XDevice *, unsigned
long int,
                                  XFeedbackControl *);
extern int XChangeKeyboardDevice(Display *, XDevice *);
extern int XChangePointerDevice(Display *, XDevice *, int, int);
extern int XCloseDevice(Display *, XDevice *);
extern int XDeviceBell(Display *, XDevice *, XID, XID, int);
extern void XFreeDeviceControl(XDeviceControl *);
extern void XFreeDeviceList(XDeviceInfo *);
extern void XFreeDeviceMotionEvents(XDeviceTimeCoord *);
extern void XFreeDeviceState(XDeviceState *);
extern void XFreeFeedbackList(XFeedbackState *);
extern int XGetDeviceButtonMapping(Display *, XDevice *, unsigned
char *,
                                   unsigned int);
extern XDeviceControl *XGetDeviceControl(Display *, XDevice *,
int);
extern XEventClass *XGetDeviceDontPropagateList(Display *,
Window, int *);
extern int XGetDeviceFocus(Display *, XDevice *, Window *, int *,
Time *);
extern KeySym *XGetDeviceKeyMapping(Display *, XDevice *,
unsigned int,
                                    int, int *);
extern XModifierKeymap *XGetDeviceModifierMapping(Display *,
XDevice *);
extern XDeviceTimeCoord *XGetDeviceMotionEvents(Display *,
XDevice *, Time,
                                                Time, int *, int
*, int *);
```

```
extern XExtensionVersion *XGetExtensionVersion(Display *, const
char *);
extern XFeedbackState *XGetFeedbackControl(Display *, XDevice *,
int *);
extern int XGetSelectedExtensionEvents(Display *, Window, int *,
                                       XEventClass * *, int *,
                                       XEventClass * *);
extern int XGrabDevice(Display *, XDevice *, Window, int, int,
                       XEventClass *, int, int, Time);
extern int XGrabDeviceButton(Display *, XDevice *, unsigned int,
                                unsigned int, XDevice *, Window,
int,
                                unsigned int, XEventClass *, int,
int);
extern int XGrabDeviceKey(Display *, XDevice *, unsigned int,
unsigned int,
                          XDevice *, Window, int, unsigned int,
                          XEventClass *, int, int);
extern XDeviceInfo *XListInputDevices(Display *, int *);
extern XDevice *XOpenDevice(Display *, XID);
extern XDeviceState *XQueryDeviceState(Display *, XDevice *);
extern int XSelectExtensionEvent(Display *, Window, XEventClass
*, int);
extern int XSendExtensionEvent(Display *, XDevice *, Window, int,
int,
                               XEventClass *, XEvent *);
extern int XSetDeviceButtonMapping(Display *, XDevice *, unsigned
char *,
                                   int);
extern int XSetDeviceFocus(Display *, XDevice *, Window, int,
Time);
extern int XSetDeviceMode(Display *, XDevice *, int);
extern int XSetDeviceModifierMapping(Display *, XDevice *,
                                     XModifierKeymap *);
extern int XSetDeviceValuators(Display *, XDevice *, int *, int,
int);
extern int XUngrabDevice(Display *, XDevice *, Time);
extern int XUngrabDeviceButton(Display *, XDevice *, unsigned
int,
                               unsigned int, XDevice *, Window);
extern int XUngrabDeviceKey(Display *, XDevice *, unsigned int,
                            unsigned int, XDevice *, Window);
```

6.16.3 X11/extensions/XIproto.h

```
#define XI_DeviceValuator       0
#define InputClassBits  0x3F
#define DEVICE_BITS     0x7F
#define MORE_EVENTS     0x80
#define CLIENT_REQ      1
#define XI_DeviceKeyPress       1
#define X_GetExtensionVersion   1
#define XI_DeviceStateNotify    10
#define X_GetDeviceMotionEvents 10
#define XI_DeviceMappingNotify  11
#define X_ChangeKeyboardDevice  11
#define XI_ChangeDeviceNotify   12
#define X_ChangePointerDevice   12
#define XI_DeviceKeystateNotify 13
#define X_GrabDevice    13
#define XI_DeviceButtonstateNotify      14
#define X_UngrabDevice  14
#define XI_DevicePresenceNotify 15
#define X_GrabDeviceKey 15
```

```
#define IEVENTS 16
#define X_UngrabDeviceKey       16
#define X_GrabDeviceButton      17
#define X_UngrabDeviceButton    18
#define X_AllowDeviceEvents     19
#define XI_DeviceKeyRelease     2
#define X_ListInputDevices      2
#define X_GetDeviceFocus        20
#define X_SetDeviceFocus        21
#define X_GetFeedbackControl    22
#define X_ChangeFeedbackControl 23
#define X_GetDeviceKeyMapping   24
#define X_ChangeDeviceKeyMapping        25
#define X_GetDeviceModifierMapping      26
#define X_SetDeviceModifierMapping      27
#define X_GetDeviceButtonMapping        28
#define X_SetDeviceButtonMapping        29
#define XI_DeviceButtonPress    3
#define X_OpenDevice    3
#define X_QueryDeviceState      30
#define X_SendExtensionEvent    31
#define X_DeviceBell    32
#define X_SetDeviceValuators    33
#define X_GetDeviceControl      34
#define X_ChangeDeviceControl   35
#define XI_DeviceButtonRelease  4
#define X_CloseDevice   4
#define IERRORS 5
#define XI_DeviceMotionNotify   5
#define X_SetDeviceMode 5
#define ModeBitsShift   6
#define XI_DeviceFocusIn        6
#define X_SelectExtensionEvent  6
#define XI_DeviceFocusOut       7
#define X_GetSelectedExtensionEvents    7
#define numInputClasses 7
#define XI_ProximityIn  8
#define X_ChangeDeviceDontPropagateList 8
#define XI_ProximityOut 9
#define X_GetDeviceDontPropagateList    9

typedef struct _XExtEventInfo {
    Mask mask;
    BYTE type;
    BYTE word;
} XExtEventInfo;
typedef unsigned char *Pointer;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD16 nbytes;
    CARD8 pad1;
    CARD8 pad2;
} xGetExtensionVersionReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 major_version;
    CARD16 minor_version;
    BOOL present;
    CARD8 pad1;
    CARD8 pad2;
    CARD8 pad3;
```

```
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
} xGetExtensionVersionReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
} xListInputDevicesReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 ndevices;
    CARD8 pad1;
    CARD8 pad2;
    CARD8 pad3;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
} xListInputDevicesReply;
typedef struct _xDeviceInfo *xDeviceInfoPtr;
typedef struct _xAnyClassinfo *xAnyClassPtr;
typedef struct _xAnyClassinfo {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 length;
} xAnyClassInfo;
typedef struct _xDeviceInfo {
    CARD32 type;
    CARD8 id;
    CARD8 num_classes;
    CARD8 use;
    CARD8 pad1;
} xDeviceInfo;
typedef struct _xKeyInfo *xKeyInfoPtr;
typedef struct _xKeyInfo {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 length;
    CARD8 min_keycode;
    CARD8 max_keycode;
    CARD16 num_keys;
    CARD8 pad1;
    CARD8 pad2;
} xKeyInfo;
typedef struct _xButtonInfo *xButtonInfoPtr;
typedef struct _xButtonInfo {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 length;
    CARD16 num_buttons;
} xButtonInfo;
```

```
typedef struct _xValuatorInfo *xValuatorInfoPtr;
typedef struct _xValuatorInfo {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 length;
    CARD8 num_axes;
    CARD8 mode;
    CARD32 motion_buffer_size;
} xValuatorInfo;
typedef struct _xAxisInfo *xAxisInfoPtr;
typedef struct _xAxisInfo {
    CARD32 resolution;
    CARD32 min_value;
    CARD32 max_value;
} xAxisInfo;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xOpenDeviceReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 num_classes;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad00;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
} xOpenDeviceReply;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 event_type_base;
} xInputClassInfo;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xCloseDeviceReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    CARD8 mode;
    BYTE pad1;
```

```
    BYTE pad2;
} xSetDeviceModeReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 status;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
} xSetDeviceModeReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 window;
    CARD16 count;
    CARD16 pad00;
} xSelectExtensionEventReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 window;
} xGetSelectedExtensionEventsReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 this_client_count;
    CARD16 all_clients_count;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
} xGetSelectedExtensionEventsReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 window;
    CARD16 count;
    CARD8 mode;
    BYTE pad;
} xChangeDeviceDontPropagateListReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 window;
} xGetDeviceDontPropagateListReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 count;
    CARD16 pad00;
```

```
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
} xGetDeviceDontPropagateListReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 start;
    CARD32 stop;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xGetDeviceMotionEventsReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 nEvents;
    CARD8 axes;
    CARD8 mode;
    BYTE pad1;
    BYTE pad2;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
} xGetDeviceMotionEventsReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xChangeKeyboardDeviceReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 status;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
} xChangeKeyboardDeviceReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 xaxis;
    CARD8 yaxis;
    CARD8 deviceid;
    BYTE pad1;
} xChangePointerDeviceReq;
typedef struct {
```

```
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 status;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
} xChangePointerDeviceReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 grabWindow;
    CARD32 time;
    CARD16 event_count;
    CARD8 this_device_mode;
    CARD8 other_devices_mode;
    BOOL ownerEvents;
    CARD8 deviceid;
    CARD16 pad01;
} xGrabDeviceReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 status;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
} xGrabDeviceReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 time;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xUngrabDeviceReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 grabWindow;
    CARD16 event_count;
    CARD16 modifiers;
    CARD8 modifier_device;
    CARD8 grabbed_device;
    CARD8 key;
    BYTE this_device_mode;
    BYTE other_devices_mode;
    BOOL ownerEvents;
    BYTE pad1;
```

```
    BYTE pad2;
} xGrabDeviceKeyReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 grabWindow;
    CARD16 modifiers;
    CARD8 modifier_device;
    CARD8 key;
    CARD8 grabbed_device;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xUngrabDeviceKeyReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 grabWindow;
    CARD8 grabbed_device;
    CARD8 modifier_device;
    CARD16 event_count;
    CARD16 modifiers;
    BYTE this_device_mode;
    BYTE other_devices_mode;
    CARD8 button;
    BOOL ownerEvents;
    BYTE pad1;
    BYTE pad2;
} xGrabDeviceButtonReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 grabWindow;
    CARD16 modifiers;
    CARD8 modifier_device;
    CARD8 button;
    CARD8 grabbed_device;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xUngrabDeviceButtonReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 time;
    CARD8 mode;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
} xAllowDeviceEventsReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xGetDeviceFocusReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
```

```
    CARD16 sequenceNumber;
    CARD32 length;
    CARD32 focus;
    CARD32 time;
    CARD8 revertTo;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
} xGetDeviceFocusReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 focus;
    CARD32 time;
    CARD8 revertTo;
    CARD8 device;
    CARD16 pad01;
} xSetDeviceFocusReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xGetFeedbackControlReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD16 num_feedbacks;
    CARD16 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
    CARD32 pad06;
} xGetFeedbackControlReply;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
} xFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    CARD16 pitch;
    CARD16 duration;
    CARD32 led_mask;
    CARD32 led_values;
    BOOL global_auto_repeat;
```

```
    CARD8 click;
    CARD8 percent;
    BYTE pad;
    BYTE auto_repeats[32];
} xKbdFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    CARD8 pad1;
    CARD8 pad2;
    CARD16 accelNum;
    CARD16 accelDenom;
    CARD16 threshold;
} xPtrFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    CARD32 resolution;
    INT32 min_value;
    INT32 max_value;
} xIntegerFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    CARD16 max_symbols;
    CARD16 num_syms_supported;
} xStringFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    CARD8 percent;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD16 pitch;
    CARD16 duration;
} xBellFeedbackState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    CARD32 led_mask;
```

```
    CARD32 led_values;
} xLedFeedbackState;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 mask;
    CARD8 deviceid;
    CARD8 feedbackid;
    BYTE pad1;
    BYTE pad2;
} xChangeFeedbackControlReq;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
} xFeedbackCtl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    CARD8 key;
    CARD8 auto_repeat_mode;
    INT8 click;
    INT8 percent;
    INT16 pitch;
    INT16 duration;
    CARD32 led_mask;
    CARD32 led_values;
} xKbdFeedbackCtl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    CARD8 pad1;
    CARD8 pad2;
    INT16 num;
    INT16 denom;
    INT16 thresh;
} xPtrFeedbackCtl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    INT32 int_to_display;
} xIntegerFeedbackCtl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
```

```
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    CARD8 pad1;
    CARD8 pad2;
    CARD16 num_keysyms;
} xStringFeedbackCtl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    INT8 percent;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    INT16 pitch;
    INT16 duration;
} xBellFeedbackCtl;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 id;
    CARD16 length;
    CARD32 led_mask;
    CARD32 led_values;
} xLedFeedbackCtl;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    CARD8 firstKeyCode;
    CARD8 count;
    BYTE pad1;
} xGetDeviceKeyMappingReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 keySymsPerKeyCode;
    CARD8 pad0;
    CARD16 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xGetDeviceKeyMappingReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    CARD8 firstKeyCode;
    CARD8 keySymsPerKeyCode;
    CARD8 keyCodes;
} xChangeDeviceKeyMappingReq;
```

```
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xGetDeviceModifierMappingReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 numKeyPerModifier;
    CARD8 pad0;
    CARD16 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xGetDeviceModifierMappingReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    CARD8 numKeyPerModifier;
    CARD16 pad1;
} xSetDeviceModifierMappingReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 success;
    CARD8 pad0;
    CARD16 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xSetDeviceModifierMappingReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xGetDeviceButtonMappingReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 nElts;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
```

© 2008 Linux Foundation

```
    CARD32 pad04;
    CARD32 pad05;
} xGetDeviceButtonMappingReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    CARD8 map_length;
    BYTE pad1;
    BYTE pad2;
} xSetDeviceButtonMappingReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 status;
    BYTE pad0;
    CARD16 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xSetDeviceButtonMappingReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xQueryDeviceStateReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 num_classes;
    BYTE pad0;
    CARD16 pad1;
    CARD32 pad2;
    CARD32 pad3;
    CARD32 pad4;
    CARD32 pad5;
    CARD32 pad6;
} xQueryDeviceStateReply;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 length;
    CARD8 num_keys;
    BYTE pad1;
    CARD8 keys[32];
} xKeyState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
```

```
    CARD8 length;
    CARD8 num_buttons;
    BYTE pad1;
    CARD8 buttons[32];
} xButtonState;
typedef struct {
#if defined(__cplusplus) || defined(c_plusplus)
    CARD8 c_class;
#else
    CARD8 class;
#endif
    CARD8 length;
    CARD8 num_valuators;
    CARD8 mode;
} xValuatorState;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD32 destination;
    CARD8 deviceid;
    BOOL propagate;
    CARD16 count;
    CARD8 num_events;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
} xSendExtensionEventReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    CARD8 feedbackid;
    CARD8 feedbackclass;
    INT8 percent;
} xDeviceBellReq;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD8 deviceid;
    CARD8 first_valuator;
    CARD8 num_valuators;
    BYTE pad1;
} xSetDeviceValuatorsReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 status;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
} xSetDeviceValuatorsReply;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD16 control;
```

© 2008 Linux Foundation

```
    CARD8 deviceid;
    BYTE pad2;
} xGetDeviceControlReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 status;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
} xGetDeviceControlReply;
typedef struct {
    CARD16 control;
    CARD16 length;
} xDeviceState;
typedef struct {
    CARD16 control;
    CARD16 length;
    CARD32 num_valuators;
} xDeviceResolutionState;
typedef struct {
    CARD8 reqType;
    CARD8 ReqType;
    CARD16 length;
    CARD16 control;
    CARD8 deviceid;
    BYTE pad0;
} xChangeDeviceControlReq;
typedef struct {
    CARD8 repType;
    CARD8 RepType;
    CARD16 sequenceNumber;
    CARD32 length;
    CARD8 status;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
    CARD32 pad05;
} xChangeDeviceControlReply;
typedef struct {
    CARD16 control;
    CARD16 length;
} xDeviceCtl;
typedef struct {
    CARD16 control;
    CARD16 length;
    CARD8 first_valuator;
    CARD8 num_valuators;
    CARD8 pad1;
    CARD8 pad2;
} xDeviceResolutionCtl;
typedef struct {
    BYTE type;
    CARD8 deviceid;
    CARD16 sequenceNumber;
```

```
    KeyButMask device_state;
    CARD8 num_valuators;
    CARD8 first_valuator;
    INT32 valuator0;
    INT32 valuator1;
    INT32 valuator2;
    INT32 valuator3;
    INT32 valuator4;
    INT32 valuator5;
} deviceValuator;
typedef struct {
    BYTE type;
    BYTE detail;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD32 root;
    CARD32 event;
    CARD32 child;
    INT16 root_x;
    INT16 root_y;
    INT16 event_x;
    INT16 event_y;
    KeyButMask state;
    BOOL same_screen;
    CARD8 deviceid;
} deviceKeyButtonPointer;
typedef struct {
    BYTE type;
    BYTE detail;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD32 window;
    BYTE mode;
    CARD8 deviceid;
    BYTE pad1;
    BYTE pad2;
    CARD32 pad00;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
} deviceFocus;
typedef struct {
    BYTE type;
    BYTE deviceid;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 num_keys;
    CARD8 num_buttons;
    CARD8 num_valuators;
    CARD8 classes_reported;
    CARD8 buttons[4];
    CARD8 keys[4];
    INT32 valuator0;
    INT32 valuator1;
    INT32 valuator2;
} deviceStateNotify;
typedef struct {
    BYTE type;
    BYTE deviceid;
    CARD16 sequenceNumber;
    CARD8 keys[28];
} deviceKeyStateNotify;
typedef struct {
    BYTE type;
    BYTE deviceid;
    CARD16 sequenceNumber;
```

```
    CARD8 buttons[28];
} deviceButtonStateNotify;
typedef struct {
    BYTE type;
    BYTE deviceid;
    CARD16 sequenceNumber;
    CARD8 request;
    CARD8 firstKeyCode;
    CARD8 count;
    BYTE pad1;
    CARD32 time;
    CARD32 pad00;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
} deviceMappingNotify;
typedef struct {
    BYTE type;
    BYTE deviceid;
    CARD16 sequenceNumber;
    CARD32 time;
    CARD8 request;
    BYTE pad1;
    BYTE pad2;
    BYTE pad3;
    CARD32 pad00;
    CARD32 pad01;
    CARD32 pad02;
    CARD32 pad03;
    CARD32 pad04;
} changeDeviceNotify;
```

6.17 Interfaces for libXtst

Table 6-21 defines the library name and shared object name for the libXtst library

Table 6-21 libXtst Definition

Library:	libXtst
SONAME:	libXtst.so.6

The behavior of the interfaces in this library is specified by the following specifications:

[X-test] XTEST Extension Library

6.17.1 libXtst Interfaces

6.17.1.1 Interfaces for libXtst Interfaces

An LSB conforming implementation shall provide the generic functions for libXtst Interfaces specified in Table 6-22, with the full mandatory functionality as described in the referenced underlying specification.

Table 6-22 libXtst - libXtst Interfaces Function Interfaces

XTestCompareCurrentCursorWithWindow [X-test]	XTestCompareCursorWithWindow [X-test]	XTestDiscard [X-test]	XTestFakeButtonEvent [X-test]

XTestFakeDeviceButtonEvent [X-test]	XTestFakeDeviceKeyEvent [X-test]	XTestFakeDeviceMotionEvent [X-test]	XTestFakeKeyEvent [X-test]
XTestFakeMotionEvent [X-test]	XTestFakeProximityEvent [X-test]	XTestFakeRelativeMotionEvent [X-test]	XTestGrabControl [X-test]
XTestQueryExtension [X-test]	XTestSetGContextOfGC [X-test]	XTestSetVisualIDOfVisual [X-test]	

6.18 Data Definitions for libXtst

This section defines global identifiers and their values that are associated with interfaces contained in libXtst. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

6.18.1 X11/extensions/XTest.h

```
#define XTestNumberErrors       0
#define XTestNumberEvents       0
#define X_XTestGetVersion       0
#define X_XTestCompareCursor    1
#define XTestMajorVersion       2
#define XTestMinorVersion       2
#define X_XTestFakeInput        2
#define X_XTestGrabControl      3
#define XTestExtensionName      "XTEST"

extern    int    XTestCompareCurrentCursorWithWindow(Display    *,
Window);
extern   int   XTestCompareCursorWithWindow(Display   *,   Window,
Cursor);
extern int XTestDiscard(Display *);
extern int XTestFakeButtonEvent(Display *, unsigned int, int,
                                unsigned long int);
extern  int  XTestFakeDeviceButtonEvent(Display  *,  XDevice  *,
unsigned int,
                                        int, int *, int, unsigned
long int);
extern int XTestFakeDeviceKeyEvent(Display *, XDevice *, unsigned
int, int,
                                        int *, int, unsigned long
int);
extern int XTestFakeDeviceMotionEvent(Display *, XDevice *, int,
int,
```

```
                                          int *, int, unsigned long
int);
extern int XTestFakeKeyEvent(Display *, unsigned int, int,
                             unsigned long int);
extern int XTestFakeMotionEvent(Display *, int, int, int,
                                unsigned long int);
extern int XTestFakeProximityEvent(Display *, XDevice *, int, int
*, int,
                                   unsigned long int);
extern int XTestFakeRelativeMotionEvent(Display *, int, int,
                                        unsigned long int);
extern int XTestGrabControl(Display *, int);
extern int XTestQueryExtension(Display *, int *, int *, int *,
int *);
extern void XTestSetGContextOfGC(GC, GContext);
extern void XTestSetVisualIDOfVisual(Visual *, VisualID);
```

III OpenGL Libraries

7 Libraries

7.1 Interfaces for libGL

Table 7-1 defines the library name and shared object name for the libGL library

Table 7-1 libGL Definition

Library:	libGL
SONAME:	libGL.so.1

The behavior of the interfaces in this library is specified by the following specifications:

[GLX] OpenGL Extensions
[OGL] OpenGL
[OGL ABI] OpenGL ABI

7.1.1 GL X interface

7.1.1.1 Interfaces for GL X interface

An LSB conforming implementation shall provide the generic functions for GL X interface specified in Table 7-2, with the full mandatory functionality as described in the referenced underlying specification.

Table 7-2 libGL - GL X interface Function Interfaces

glXChooseFBConfig [GLX]	glXChooseVisual [GLX]	glXCopyContext [GLX]	glXCreateContext [GLX]
glXCreateGLXPixmap [GLX]	glXCreateNewContext [GLX]	glXCreatePbuffer [GLX]	glXCreatePixmap [GLX]
glXCreateWindow [GLX]	glXDestroyContext [GLX]	glXDestroyGLXPixmap [GLX]	glXDestroyPbuffer [GLX]
glXDestroyPixmap [GLX]	glXDestroyWindow [GLX]	glXFreeContextEXT [GLX]	glXGetClientString [GLX]
glXGetConfig [GLX]	glXGetContextIDEXT [GLX]	glXGetCurrentContext [GLX]	glXGetCurrentDisplay [GLX]
glXGetCurrentDrawable [GLX]	glXGetCurrentReadDrawable [GLX]	glXGetFBConfigAttrib [GLX]	glXGetFBConfigs [GLX]
glXGetProcAddressARB [OGL ABI]	glXGetSelectedEvent [GLX]	glXGetVisualFromFBConfig [GLX]	glXImportContextEXT [GLX]
glXIsDirect [GLX]	glXMakeContextCurrent [GLX]	glXMakeCurrent [GLX]	glXQueryContext [GLX]
glXQueryContextInfoEXT [GLX]	glXQueryDrawable [GLX]	glXQueryExtension [GLX]	glXQueryExtensionsString [GLX]
glXQueryServerString [GLX]	glXQueryVersion [GLX]	glXSelectEvent [GLX]	glXSwapBuffers [GLX]
glXUseXFont [GLX]	glXWaitGL [GLX]	glXWaitX [GLX]	

7.1.2 OpenGL

7.1.2.1 Interfaces for OpenGL

An LSB conforming implementation shall provide the generic functions for OpenGL specified in Table 7-3, with the full mandatory functionality as described in the referenced underlying specification.

Table 7-3 libGL - OpenGL Function Interfaces

glAccum [OGL]	glActiveTexture ARB [OGL]	glAlphaFunc [OGL]	glAreTexturesResident [OGL]
glArrayElement [OGL]	glBegin [OGL]	glBindTexture [OGL]	glBitmap [OGL]
glBlendColor [OGL]	glBlendEquation [OGL]	glBlendFunc [OGL]	glCallList [OGL]
glCallLists [OGL]	glClear [OGL]	glClearAccum [OGL]	glClearColor [OGL]
glClearDepth [OGL]	glClearIndex [OGL]	glClearStencil [OGL]	glClientActiveTextureARB [OGL]
glClipPlane [OGL]	glColor3b [OGL]	glColor3bv [OGL]	glColor3d [OGL]
glColor3dv [OGL]	glColor3f [OGL]	glColor3fv [OGL]	glColor3i [OGL]
glColor3iv [OGL]	glColor3s [OGL]	glColor3sv [OGL]	glColor3ub [OGL]
glColor3ubv [OGL]	glColor3ui [OGL]	glColor3uiv [OGL]	glColor3us [OGL]
glColor3usv [OGL]	glColor4b [OGL]	glColor4bv [OGL]	glColor4d [OGL]
glColor4dv [OGL]	glColor4f [OGL]	glColor4fv [OGL]	glColor4i [OGL]
glColor4iv [OGL]	glColor4s [OGL]	glColor4sv [OGL]	glColor4ub [OGL]
glColor4ubv [OGL]	glColor4ui [OGL]	glColor4uiv [OGL]	glColor4us [OGL]
glColor4usv [OGL]	glColorMask [OGL]	glColorMaterial [OGL]	glColorPointer [OGL]
glColorSubTable [OGL]	glColorTable [OGL]	glColorTableParameterfv [OGL]	glColorTableParameteriv [OGL]
glConvolutionFilter1D [OGL]	glConvolutionFilter2D [OGL]	glConvolutionParameterf [OGL]	glConvolutionParameterfv [OGL]
glConvolutionParameteri [OGL]	glConvolutionParameteriv [OGL]	glCopyColorSubTable [OGL]	glCopyColorTable [OGL]
glCopyConvolutionFilter1D [OGL]	glCopyConvolutionFilter2D [OGL]	glCopyPixels [OGL]	glCopyTexImage1D [OGL]
glCopyTexImag	glCopyTexSubI	glCopyTexSubI	glCopyTexSubI

e2D [OGL]	mage1D [OGL]	mage2D [OGL]	mage3D [OGL]
glCullFace [OGL]	glDeleteLists [OGL]	glDeleteTextures [OGL]	glDepthFunc [OGL]
glDepthMask [OGL]	glDepthRange [OGL]	glDisable [OGL]	glDisableClientState [OGL]
glDrawArrays [OGL]	glDrawBuffer [OGL]	glDrawElements [OGL]	glDrawPixels [OGL]
glDrawRangeElements [OGL]	glEdgeFlag [OGL]	glEdgeFlagPointer [OGL]	glEdgeFlagv [OGL]
glEnable [OGL]	glEnableClientState [OGL]	glEnd [OGL]	glEndList [OGL]
glEvalCoord1d [OGL]	glEvalCoord1dv [OGL]	glEvalCoord1f [OGL]	glEvalCoord1fv [OGL]
glEvalCoord2d [OGL]	glEvalCoord2dv [OGL]	glEvalCoord2f [OGL]	glEvalCoord2fv [OGL]
glEvalMesh1 [OGL]	glEvalMesh2 [OGL]	glEvalPoint1 [OGL]	glEvalPoint2 [OGL]
glFeedbackBuffer [OGL]	glFinish [OGL]	glFlush [OGL]	glFogf [OGL]
glFogfv [OGL]	glFogi [OGL]	glFogiv [OGL]	glFrontFace [OGL]
glFrustum [OGL]	glGenLists [OGL]	glGenTextures [OGL]	glGetBooleanv [OGL]
glGetClipPlane [OGL]	glGetColorTable [OGL]	glGetColorTable Parameterfv [OGL]	glGetColorTable Parameteriv [OGL]
glGetConvolutionFilter [OGL]	glGetConvolutionParameterfv [OGL]	glGetConvolutionParameteriv [OGL]	glGetDoublev [OGL]
glGetError [OGL]	glGetFloatv [OGL]	glGetHistogram [OGL]	glGetHistogram Parameterfv [OGL]
glGetHistogram Parameteriv [OGL]	glGetIntegerv [OGL]	glGetLightfv [OGL]	glGetLightiv [OGL]
glGetMapdv [OGL]	glGetMapfv [OGL]	glGetMapiv [OGL]	glGetMaterialfv [OGL]
glGetMaterialiv [OGL]	glGetMinmax [OGL]	glGetMinmaxParameterfv [OGL]	glGetMinmaxParameteriv [OGL]
glGetPixelMapfv [OGL]	glGetPixelMapuiv [OGL]	glGetPixelMapusv [OGL]	glGetPointerv [OGL]
glGetPolygonStipple [OGL]	glGetSeparableFilter [OGL]	glGetString [OGL]	glGetTexEnvfv [OGL]
glGetTexEnviv [OGL]	glGetTexGendv [OGL]	glGetTexGenfv [OGL]	glGetTexGeniv [OGL]
glGetTexImage	glGetTexLevelPa	glGetTexLevelPa	glGetTexParame

[OGL]	rameterfv [OGL]	rameteriv [OGL]	terfv [OGL]
glGetTexParameteriv [OGL]	glHint [OGL]	glHistogram [OGL]	glIndexMask [OGL]
glIndexPointer [OGL]	glIndexd [OGL]	glIndexdv [OGL]	glIndexf [OGL]
glIndexfv [OGL]	glIndexi [OGL]	glIndexiv [OGL]	glIndexs [OGL]
glIndexsv [OGL]	glIndexub [OGL]	glIndexubv [OGL]	glInitNames [OGL]
glInterleavedArrays [OGL]	glIsEnabled [OGL]	glIsList [OGL]	glIsTexture [OGL]
glLightModelf [OGL]	glLightModelfv [OGL]	glLightModeli [OGL]	glLightModeliv [OGL]
glLightf [OGL]	glLightfv [OGL]	glLighti [OGL]	glLightiv [OGL]
glLineStipple [OGL]	glLineWidth [OGL]	glListBase [OGL]	glLoadIdentity [OGL]
glLoadMatrixd [OGL]	glLoadMatrixf [OGL]	glLoadName [OGL]	glLogicOp [OGL]
glMap1d [OGL]	glMap1f [OGL]	glMap2d [OGL]	glMap2f [OGL]
glMapGrid1d [OGL]	glMapGrid1f [OGL]	glMapGrid2d [OGL]	glMapGrid2f [OGL]
glMaterialf [OGL]	glMaterialfv [OGL]	glMateriali [OGL]	glMaterialiv [OGL]
glMatrixMode [OGL]	glMinmax [OGL]	glMultMatrixd [OGL]	glMultMatrixf [OGL]
glMultiTexCoord1dARB [OGL]	glMultiTexCoord1dvARB [OGL]	glMultiTexCoord1fARB [OGL]	glMultiTexCoord1fvARB [OGL]
glMultiTexCoord1iARB [OGL]	glMultiTexCoord1ivARB [OGL]	glMultiTexCoord1sARB [OGL]	glMultiTexCoord1svARB [OGL]
glMultiTexCoord2dARB [OGL]	glMultiTexCoord2dvARB [OGL]	glMultiTexCoord2fARB [OGL]	glMultiTexCoord2fvARB [OGL]
glMultiTexCoord2iARB [OGL]	glMultiTexCoord2ivARB [OGL]	glMultiTexCoord2sARB [OGL]	glMultiTexCoord2svARB [OGL]
glMultiTexCoord3dARB [OGL]	glMultiTexCoord3dvARB [OGL]	glMultiTexCoord3fARB [OGL]	glMultiTexCoord3fvARB [OGL]
glMultiTexCoord3iARB [OGL]	glMultiTexCoord3ivARB [OGL]	glMultiTexCoord3sARB [OGL]	glMultiTexCoord3svARB [OGL]
glMultiTexCoord4dARB [OGL]	glMultiTexCoord4dvARB [OGL]	glMultiTexCoord4fARB [OGL]	glMultiTexCoord4fvARB [OGL]
glMultiTexCoord4iARB [OGL]	glMultiTexCoord4ivARB [OGL]	glMultiTexCoord4sARB [OGL]	glMultiTexCoord4svARB [OGL]
glNewList [OGL]	glNormal3b [OGL]	glNormal3bv [OGL]	glNormal3d [OGL]
glNormal3dv [OGL]	glNormal3f [OGL]	glNormal3fv [OGL]	glNormal3i [OGL]
glNormal3iv	glNormal3s	glNormal3sv	glNormalPointer

[OGL]	[OGL]	[OGL]	[OGL]
glOrtho [OGL]	glPassThrough [OGL]	glPixelMapfv [OGL]	glPixelMapuiv [OGL]
glPixelMapusv [OGL]	glPixelStoref [OGL]	glPixelStorei [OGL]	glPixelTransferf [OGL]
glPixelTransferi [OGL]	glPixelZoom [OGL]	glPointSize [OGL]	glPolygonMode [OGL]
glPolygonOffset [OGL]	glPolygonStipple [OGL]	glPopAttrib [OGL]	glPopClientAttrib [OGL]
glPopMatrix [OGL]	glPopName [OGL]	glPrioritizeTextures [OGL]	glPushAttrib [OGL]
glPushClientAttrib [OGL]	glPushMatrix [OGL]	glPushName [OGL]	glRasterPos2d [OGL]
glRasterPos2dv [OGL]	glRasterPos2f [OGL]	glRasterPos2fv [OGL]	glRasterPos2i [OGL]
glRasterPos2iv [OGL]	glRasterPos2s [OGL]	glRasterPos2sv [OGL]	glRasterPos3d [OGL]
glRasterPos3dv [OGL]	glRasterPos3f [OGL]	glRasterPos3fv [OGL]	glRasterPos3i [OGL]
glRasterPos3iv [OGL]	glRasterPos3s [OGL]	glRasterPos3sv [OGL]	glRasterPos4d [OGL]
glRasterPos4dv [OGL]	glRasterPos4f [OGL]	glRasterPos4fv [OGL]	glRasterPos4i [OGL]
glRasterPos4iv [OGL]	glRasterPos4s [OGL]	glRasterPos4sv [OGL]	glReadBuffer [OGL]
glReadPixels [OGL]	glRectd [OGL]	glRectdv [OGL]	glRectf [OGL]
glRectfv [OGL]	glRecti [OGL]	glRectiv [OGL]	glRects [OGL]
glRectsv [OGL]	glRenderMode [OGL]	glResetHistogram [OGL]	glResetMinmax [OGL]
glRotated [OGL]	glRotatef [OGL]	glScaled [OGL]	glScalef [OGL]
glScissor [OGL]	glSelectBuffer [OGL]	glSeparableFilter2D [OGL]	glShadeModel [OGL]
glStencilFunc [OGL]	glStencilMask [OGL]	glStencilOp [OGL]	glTexCoord1d [OGL]
glTexCoord1dv [OGL]	glTexCoord1f [OGL]	glTexCoord1fv [OGL]	glTexCoord1i [OGL]
glTexCoord1iv [OGL]	glTexCoord1s [OGL]	glTexCoord1sv [OGL]	glTexCoord2d [OGL]
glTexCoord2dv [OGL]	glTexCoord2f [OGL]	glTexCoord2fv [OGL]	glTexCoord2i [OGL]
glTexCoord2iv [OGL]	glTexCoord2s [OGL]	glTexCoord2sv [OGL]	glTexCoord3d [OGL]
glTexCoord3dv [OGL]	glTexCoord3f [OGL]	glTexCoord3fv [OGL]	glTexCoord3i [OGL]

glTexCoord3iv [OGL]	glTexCoord3s [OGL]	glTexCoord3sv [OGL]	glTexCoord4d [OGL]
glTexCoord4dv [OGL]	glTexCoord4f [OGL]	glTexCoord4fv [OGL]	glTexCoord4i [OGL]
glTexCoord4iv [OGL]	glTexCoord4s [OGL]	glTexCoord4sv [OGL]	glTexCoordPointer [OGL]
glTexEnvf [OGL]	glTexEnvfv [OGL]	glTexEnvi [OGL]	glTexEnviv [OGL]
glTexGend [OGL]	glTexGendv [OGL]	glTexGenf [OGL]	glTexGenfv [OGL]
glTexGeni [OGL]	glTexGeniv [OGL]	glTexImage1D [OGL]	glTexImage2D [OGL]
glTexImage3D [OGL]	glTexParameterf [OGL]	glTexParameterfv [OGL]	glTexParameteri [OGL]
glTexParameteriv [OGL]	glTexSubImage1D [OGL]	glTexSubImage2D [OGL]	glTexSubImage3D [OGL]
glTranslated [OGL]	glTranslatef [OGL]	glVertex2d [OGL]	glVertex2dv [OGL]
glVertex2f [OGL]	glVertex2fv [OGL]	glVertex2i [OGL]	glVertex2iv [OGL]
glVertex2s [OGL]	glVertex2sv [OGL]	glVertex3d [OGL]	glVertex3dv [OGL]
glVertex3f [OGL]	glVertex3fv [OGL]	glVertex3i [OGL]	glVertex3iv [OGL]
glVertex3s [OGL]	glVertex3sv [OGL]	glVertex4d [OGL]	glVertex4dv [OGL]
glVertex4f [OGL]	glVertex4fv [OGL]	glVertex4i [OGL]	glVertex4iv [OGL]
glVertex4s [OGL]	glVertex4sv [OGL]	glVertexPointer [OGL]	glViewport [OGL]

7.2 Data Definitions for libGL

This section defines global identifiers and their values that are associated with interfaces contained in libGL. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

7.2.1 GL/gl.h

```
#define GL_VERSION_1_1  1
#define GL_VERSION_1_2  1
#define GL_VERSION_1_3  1

typedef unsigned int GLenum;
typedef unsigned char GLboolean;
typedef unsigned int GLbitfield;
typedef void GLvoid;
typedef char GLbyte;
typedef short GLshort;
typedef int GLint;
typedef unsigned char GLubyte;
typedef unsigned short GLushort;
typedef unsigned int GLuint;
typedef int GLsizei;
typedef float GLfloat;
typedef float GLclampf;
typedef double GLdouble;
typedef double GLclampd;

#define GL_BYTE 0x1400
#define GL_UNSIGNED_BYTE        0x1401
#define GL_SHORT        0x1402
#define GL_UNSIGNED_SHORT       0x1403
#define GL_INT  0x1404
#define GL_UNSIGNED_INT 0x1405
#define GL_FLOAT        0x1406
#define GL_2_BYTES      0x1407
#define GL_3_BYTES      0x1408
#define GL_4_BYTES      0x1409
#define GL_DOUBLE       0x140A

#define GL_POINTS       0x0000
#define GL_LINES        0x0001
#define GL_LINE_LOOP    0x0002
#define GL_LINE_STRIP   0x0003
#define GL_TRIANGLES    0x0004
#define GL_TRIANGLE_STRIP       0x0005
#define GL_TRIANGLE_FAN 0x0006
#define GL_QUADS        0x0007
#define GL_QUAD_STRIP   0x0008
#define GL_POLYGON      0x0009

#define GL_V2F  0x2A20
#define GL_V3F  0x2A21
#define GL_C4UB_V2F     0x2A22
#define GL_C4UB_V3F     0x2A23
#define GL_C3F_V3F      0x2A24
#define GL_N3F_V3F      0x2A25
#define GL_C4F_N3F_V3F  0x2A26
#define GL_T2F_V3F      0x2A27
#define GL_T4F_V4F      0x2A28
#define GL_T2F_C4UB_V3F 0x2A29
#define GL_T2F_C3F_V3F  0x2A2A
#define GL_T2F_N3F_V3F  0x2A2B
#define GL_T2F_C4F_N3F_V3F      0x2A2C
#define GL_T4F_C4F_N3F_V4F      0x2A2D
#define GL_VERTEX_ARRAY 0x8074
#define GL_NORMAL_ARRAY 0x8075
#define GL_COLOR_ARRAY  0x8076
#define GL_INDEX_ARRAY  0x8077
#define GL_TEXTURE_COORD_ARRAY  0x8078
```

```
#define GL_EDGE_FLAG_ARRAY      0x8079
#define GL_VERTEX_ARRAY_SIZE    0x807A
#define GL_VERTEX_ARRAY_TYPE    0x807B
#define GL_VERTEX_ARRAY_STRIDE  0x807C
#define GL_NORMAL_ARRAY_TYPE    0x807E
#define GL_NORMAL_ARRAY_STRIDE  0x807F
#define GL_COLOR_ARRAY_SIZE     0x8081
#define GL_COLOR_ARRAY_TYPE     0x8082
#define GL_COLOR_ARRAY_STRIDE   0x8083
#define GL_INDEX_ARRAY_TYPE     0x8085
#define GL_INDEX_ARRAY_STRIDE   0x8086
#define GL_TEXTURE_COORD_ARRAY_SIZE     0x8088
#define GL_TEXTURE_COORD_ARRAY_TYPE     0x8089
#define GL_TEXTURE_COORD_ARRAY_STRIDE   0x808A
#define GL_EDGE_FLAG_ARRAY_STRIDE       0x808C
#define GL_VERTEX_ARRAY_POINTER 0x808E
#define GL_NORMAL_ARRAY_POINTER 0x808F
#define GL_COLOR_ARRAY_POINTER  0x8090
#define GL_INDEX_ARRAY_POINTER  0x8091
#define GL_TEXTURE_COORD_ARRAY_POINTER  0x8092
#define GL_EDGE_FLAG_ARRAY_POINTER      0x8093

#define GL_MATRIX_MODE  0x0BA0
#define GL_MODELVIEW    0x1700
#define GL_PROJECTION   0x1701
#define GL_TEXTURE      0x1702

#define GL_POINT_SMOOTH 0x0B10
#define GL_POINT_SIZE   0x0B11
#define GL_POINT_SIZE_RANGE     0x0B12
#define GL_POINT_SIZE_GRANULARITY       0x0B13

#define GL_LINE_SMOOTH  0x0B20
#define GL_LINE_WIDTH   0x0B21
#define GL_LINE_WIDTH_RANGE     0x0B22
#define GL_LINE_WIDTH_GRANULARITY       0x0B23
#define GL_LINE_STIPPLE 0x0B24
#define GL_LINE_STIPPLE_PATTERN 0x0B25
#define GL_LINE_STIPPLE_REPEAT  0x0B26

#define GL_FRONT        0x0404
#define GL_BACK 0x0405
#define GL_CW   0x0900
#define GL_CCW  0x0901
#define GL_POLYGON_MODE 0x0B40
#define GL_POLYGON_SMOOTH       0x0B41
#define GL_POLYGON_STIPPLE      0x0B42
#define GL_EDGE_FLAG    0x0B43
#define GL_CULL_FACE    0x0B44
#define GL_CULL_FACE_MODE       0x0B45
#define GL_FRONT_FACE   0x0B46
#define GL_POINT        0x1B00
#define GL_LINE 0x1B01
#define GL_FILL 0x1B02
#define GL_POLYGON_OFFSET_UNITS 0x2A00
#define GL_POLYGON_OFFSET_POINT 0x2A01
#define GL_POLYGON_OFFSET_LINE  0x2A02
#define GL_POLYGON_OFFSET_FILL  0x8037
#define GL_POLYGON_OFFSET_FACTOR        0x8038

#define GL_LIST_MODE    0x0B30
#define GL_LIST_BASE    0x0B32
#define GL_LIST_INDEX   0x0B33
#define GL_COMPILE      0x1300
#define GL_COMPILE_AND_EXECUTE  0x1301
```

© 2008 Linux Foundation

```
#define GL_NEVER        0x0200
#define GL_LESS 0x0201
#define GL_EQUAL        0x0202
#define GL_LEQUAL       0x0203
#define GL_GREATER      0x0204
#define GL_NOTEQUAL     0x0205
#define GL_GEQUAL       0x0206
#define GL_ALWAYS       0x0207
#define GL_DEPTH_RANGE  0x0B70
#define GL_DEPTH_TEST   0x0B71
#define GL_DEPTH_WRITEMASK      0x0B72
#define GL_DEPTH_CLEAR_VALUE    0x0B73
#define GL_DEPTH_FUNC   0x0B74
#define GL_DEPTH_BITS   0x0D56
#define GL_DEPTH_COMPONENT      0x1902

#define GL_FRONT_AND_BACK       0x0408
#define GL_LIGHTING     0x0B50
#define GL_LIGHT_MODEL_LOCAL_VIEWER     0x0B51
#define GL_LIGHT_MODEL_TWO_SIDE 0x0B52
#define GL_LIGHT_MODEL_AMBIENT  0x0B53
#define GL_SHADE_MODEL  0x0B54
#define GL_COLOR_MATERIAL_FACE  0x0B55
#define GL_COLOR_MATERIAL_PARAMETER     0x0B56
#define GL_COLOR_MATERIAL       0x0B57
#define GL_NORMALIZE    0x0BA1
#define GL_AMBIENT      0x1200
#define GL_DIFFUSE      0x1201
#define GL_SPECULAR     0x1202
#define GL_POSITION     0x1203
#define GL_SPOT_DIRECTION       0x1204
#define GL_SPOT_EXPONENT        0x1205
#define GL_SPOT_CUTOFF  0x1206
#define GL_CONSTANT_ATTENUATION 0x1207
#define GL_LINEAR_ATTENUATION   0x1208
#define GL_QUADRATIC_ATTENUATION        0x1209
#define GL_EMISSION     0x1600
#define GL_SHININESS    0x1601
#define GL_AMBIENT_AND_DIFFUSE  0x1602
#define GL_COLOR_INDEXES        0x1603
#define GL_FLAT 0x1D00
#define GL_SMOOTH       0x1D01
#define GL_LIGHT0       0x4000
#define GL_LIGHT1       0x4001
#define GL_LIGHT2       0x4002
#define GL_LIGHT3       0x4003
#define GL_LIGHT4       0x4004
#define GL_LIGHT5       0x4005
#define GL_LIGHT6       0x4006
#define GL_LIGHT7       0x4007

#define GL_CLIP_PLANE0  0x3000
#define GL_CLIP_PLANE1  0x3001
#define GL_CLIP_PLANE2  0x3002
#define GL_CLIP_PLANE3  0x3003
#define GL_CLIP_PLANE4  0x3004
#define GL_CLIP_PLANE5  0x3005

#define GL_ACCUM        0x0100
#define GL_LOAD 0x0101
#define GL_RETURN       0x0102
#define GL_MULT 0x0103
#define GL_ADD  0x0104
#define GL_ACCUM_CLEAR_VALUE    0x0B80
#define GL_ACCUM_RED_BITS       0x0D58
#define GL_ACCUM_GREEN_BITS     0x0D59
```

```
#define GL_ACCUM_BLUE_BITS      0x0D5A
#define GL_ACCUM_ALPHA_BITS     0x0D5B

#define GL_ALPHA_TEST   0x0BC0
#define GL_ALPHA_TEST_FUNC      0x0BC1
#define GL_ALPHA_TEST_REF       0x0BC2

#define GL_ZERO 0x0
#define GL_SRC_COLOR    0x0300
#define GL_ONE_MINUS_SRC_COLOR  0x0301
#define GL_SRC_ALPHA    0x0302
#define GL_ONE_MINUS_SRC_ALPHA  0x0303
#define GL_DST_ALPHA    0x0304
#define GL_ONE_MINUS_DST_ALPHA  0x0305
#define GL_DST_COLOR    0x0306
#define GL_ONE_MINUS_DST_COLOR  0x0307
#define GL_SRC_ALPHA_SATURATE   0x0308
#define GL_BLEND_DST    0x0BE0
#define GL_BLEND_SRC    0x0BE1
#define GL_BLEND        0x0BE2
#define GL_ONE  0x1

#define GL_RENDER       0x1C00
#define GL_FEEDBACK     0x1C01
#define GL_SELECT       0x1C02

#define GL_2D   0x0600
#define GL_3D   0x0601
#define GL_3D_COLOR     0x0602
#define GL_3D_COLOR_TEXTURE     0x0603
#define GL_4D_COLOR_TEXTURE     0x0604
#define GL_PASS_THROUGH_TOKEN   0x0700
#define GL_POINT_TOKEN  0x0701
#define GL_LINE_TOKEN   0x0702
#define GL_POLYGON_TOKEN        0x0703
#define GL_BITMAP_TOKEN 0x0704
#define GL_DRAW_PIXEL_TOKEN     0x0705
#define GL_COPY_PIXEL_TOKEN     0x0706
#define GL_LINE_RESET_TOKEN     0x0707
#define GL_FEEDBACK_BUFFER_POINTER      0x0DF0
#define GL_FEEDBACK_BUFFER_SIZE 0x0DF1
#define GL_FEEDBACK_BUFFER_TYPE 0x0DF2
#define GL_ALPHA_BLEND_EQUATION_ATI     0x883D
#define GL_ATI_blend_equation_separate  1

#define GL_CURRENT_BIT  0x00000001
#define GL_POINT_BIT    0x00000002
#define GL_LINE_BIT     0x00000004
#define GL_POLYGON_BIT  0x00000008
#define GL_POLYGON_STIPPLE_BIT  0x00000010
#define GL_PIXEL_MODE_BIT       0x00000020
#define GL_LIGHTING_BIT 0x00000040
#define GL_FOG_BIT      0x00000080
#define GL_DEPTH_BUFFER_BIT     0x00000100
#define GL_ACCUM_BUFFER_BIT     0x00000200
#define GL_STENCIL_BUFFER_BIT   0x00000400
#define GL_VIEWPORT_BIT 0x00000800
#define GL_TRANSFORM_BIT        0x00001000
#define GL_ENABLE_BIT   0x00002000
#define GL_COLOR_BUFFER_BIT     0x00004000
#define GL_HINT_BIT     0x00008000
#define GL_EVAL_BIT     0x00010000
#define GL_LIST_BIT     0x00020000
#define GL_TEXTURE_BIT  0x00040000
#define GL_SCISSOR_BIT  0x00080000
#define GL_ALL_ATTRIB_BITS      0x000FFFFF
```

© 2008 Linux Foundation

```
#define GL_CLIENT_PIXEL_STORE_BIT       0x00000001
#define GL_CLIENT_VERTEX_ARRAY_BIT      0x00000002
#define GL_TEXTURE_INTERNAL_FORMAT      0x1003
#define GL_R3_G3_B2     0x2A10
#define GL_ALPHA4       0x803B
#define GL_ALPHA8       0x803C
#define GL_ALPHA12      0x803D
#define GL_ALPHA16      0x803E
#define GL_LUMINANCE4   0x803F
#define GL_LUMINANCE8   0x8040
#define GL_LUMINANCE12  0x8041
#define GL_LUMINANCE16  0x8042
#define GL_LUMINANCE4_ALPHA4    0x8043
#define GL_LUMINANCE6_ALPHA2    0x8044
#define GL_LUMINANCE8_ALPHA8    0x8045
#define GL_LUMINANCE12_ALPHA4   0x8046
#define GL_LUMINANCE12_ALPHA12  0x8047
#define GL_LUMINANCE16_ALPHA16  0x8048
#define GL_INTENSITY    0x8049
#define GL_INTENSITY4   0x804A
#define GL_INTENSITY8   0x804B
#define GL_INTENSITY12  0x804C
#define GL_INTENSITY16  0x804D
#define GL_RGB4 0x804F
#define GL_RGB5 0x8050
#define GL_RGB8 0x8051
#define GL_RGB10        0x8052
#define GL_RGB12        0x8053
#define GL_RGB16        0x8054
#define GL_RGBA2        0x8055
#define GL_RGBA4        0x8056
#define GL_RGB5_A1      0x8057
#define GL_RGBA8        0x8058
#define GL_RGB10_A2     0x8059
#define GL_RGBA12       0x805A
#define GL_RGBA16       0x805B
#define GL_PROXY_TEXTURE_1D     0x8063
#define GL_PROXY_TEXTURE_2D     0x8064
#define GL_TEXTURE_PRIORITY     0x8066
#define GL_TEXTURE_RESIDENT     0x8067
#define GL_TEXTURE_BINDING_1D   0x8068
#define GL_TEXTURE_BINDING_2D   0x8069
#define GL_ALL_CLIENT_ATTRIB_BITS       0xFFFFFFFF
#define GL_CLIENT_ALL_ATTRIB_BITS       0xFFFFFFFF

#define GL_SMOOTH_POINT_SIZE_RANGE      0x0B12
#define GL_SMOOTH_POINT_SIZE_GRANULARITY        0x0B13
#define GL_SMOOTH_LINE_WIDTH_RANGE      0x0B22
#define GL_SMOOTH_LINE_WIDTH_GRANULARITY        0x0B23
#define GL_UNSIGNED_BYTE_3_3_2  0x8032
#define GL_UNSIGNED_SHORT_4_4_4_4       0x8033
#define GL_UNSIGNED_SHORT_5_5_5_1       0x8034
#define GL_UNSIGNED_INT_8_8_8_8 0x8035
#define GL_UNSIGNED_INT_10_10_10_2      0x8036
#define GL_RESCALE_NORMAL       0x803A
#define GL_TEXTURE_BINDING_3D   0x806A
#define GL_PACK_SKIP_IMAGES     0x806B
#define GL_PACK_IMAGE_HEIGHT    0x806C
#define GL_UNPACK_SKIP_IMAGES   0x806D
#define GL_UNPACK_IMAGE_HEIGHT  0x806E
#define GL_TEXTURE_3D   0x806F
#define GL_PROXY_TEXTURE_3D     0x8070
#define GL_TEXTURE_DEPTH        0x8071
#define GL_TEXTURE_WRAP_R       0x8072
#define GL_MAX_3D_TEXTURE_SIZE  0x8073
```

```
#define GL_BGR  0x80E0
#define GL_BGRA 0x80E1
#define GL_MAX_ELEMENTS_VERTICES        0x80E8
#define GL_MAX_ELEMENTS_INDICES 0x80E9
#define GL_CLAMP_TO_EDGE        0x812F
#define GL_TEXTURE_MIN_LOD      0x813A
#define GL_TEXTURE_MAX_LOD      0x813B
#define GL_TEXTURE_BASE_LEVEL   0x813C
#define GL_TEXTURE_MAX_LEVEL    0x813D
#define GL_LIGHT_MODEL_COLOR_CONTROL    0x81F8
#define GL_SINGLE_COLOR 0x81F9
#define GL_SEPARATE_SPECULAR_COLOR      0x81FA
#define GL_UNSIGNED_BYTE_2_3_3_REV      0x8362
#define GL_UNSIGNED_SHORT_5_6_5 0x8363
#define GL_UNSIGNED_SHORT_5_6_5_REV     0x8364
#define GL_UNSIGNED_SHORT_4_4_4_4_REV   0x8365
#define GL_UNSIGNED_SHORT_1_5_5_5_REV   0x8366
#define GL_UNSIGNED_INT_8_8_8_8_REV     0x8367
#define GL_UNSIGNED_INT_2_10_10_10_REV  0x8368
#define GL_ALIASED_POINT_SIZE_RANGE     0x846D
#define GL_ALIASED_LINE_WIDTH_RANGE     0x846E

#define GL_CONSTANT_COLOR       0x8001
#define GL_ONE_MINUS_CONSTANT_COLOR     0x8002
#define GL_CONSTANT_ALPHA       0x8003
#define GL_ONE_MINUS_CONSTANT_ALPHA     0x8004
#define GL_BLEND_COLOR  0x8005
#define GL_FUNC_ADD     0x8006
#define GL_MIN  0x8007
#define GL_MAX  0x8008
#define GL_BLEND_EQUATION       0x8009
#define GL_FUNC_SUBTRACT        0x800A
#define GL_FUNC_REVERSE_SUBTRACT        0x800B
#define GL_CONVOLUTION_1D       0x8010
#define GL_CONVOLUTION_2D       0x8011
#define GL_SEPARABLE_2D 0x8012
#define GL_CONVOLUTION_BORDER_MODE      0x8013
#define GL_CONVOLUTION_FILTER_SCALE     0x8014
#define GL_CONVOLUTION_FILTER_BIAS      0x8015
#define GL_REDUCE       0x8016
#define GL_CONVOLUTION_FORMAT   0x8017
#define GL_CONVOLUTION_WIDTH    0x8018
#define GL_CONVOLUTION_HEIGHT   0x8019
#define GL_MAX_CONVOLUTION_WIDTH        0x801A
#define GL_MAX_CONVOLUTION_HEIGHT       0x801B
#define GL_POST_CONVOLUTION_RED_SCALE   0x801C
#define GL_POST_CONVOLUTION_GREEN_SCALE 0x801D
#define GL_POST_CONVOLUTION_BLUE_SCALE  0x801E
#define GL_POST_CONVOLUTION_ALPHA_SCALE 0x801F
#define GL_POST_CONVOLUTION_RED_BIAS    0x8020
#define GL_POST_CONVOLUTION_GREEN_BIAS  0x8021
#define GL_POST_CONVOLUTION_BLUE_BIAS   0x8022
#define GL_POST_CONVOLUTION_ALPHA_BIAS  0x8023
#define GL_HISTOGRAM    0x8024
#define GL_PROXY_HISTOGRAM      0x8025
#define GL_HISTOGRAM_WIDTH      0x8026
#define GL_HISTOGRAM_FORMAT     0x8027
#define GL_HISTOGRAM_RED_SIZE   0x8028
#define GL_HISTOGRAM_GREEN_SIZE 0x8029
#define GL_HISTOGRAM_BLUE_SIZE  0x802A
#define GL_HISTOGRAM_ALPHA_SIZE 0x802B
#define GL_HISTOGRAM_LUMINANCE_SIZE     0x802C
#define GL_HISTOGRAM_SINK       0x802D
#define GL_MINMAX       0x802E
#define GL_MINMAX_FORMAT        0x802F
#define GL_MINMAX_SINK  0x8030
```

© 2008 Linux Foundation

```
#define GL_TABLE_TOO_LARGE      0x8031
#define GL_COLOR_MATRIX 0x80B1
#define GL_COLOR_MATRIX_STACK_DEPTH     0x80B2
#define GL_MAX_COLOR_MATRIX_STACK_DEPTH 0x80B3
#define GL_POST_COLOR_MATRIX_RED_SCALE  0x80B4
#define GL_POST_COLOR_MATRIX_GREEN_SCALE        0x80B5
#define GL_POST_COLOR_MATRIX_BLUE_SCALE 0x80B6
#define GL_POST_COLOR_MATRIX_ALPHA_SCALE        0x80B7
#define GL_POST_COLOR_MATRIX_RED_BIAS   0x80B8
#define GL_POST_COLOR_MATRIX_GREEN_BIAS 0x80B9
#define GL_POST_COLOR_MATRIX_BLUE_BIAS  0x80BA
#define GL_POST_COLOR_MATRIX_ALPHA_BIAS 0x80BB
#define GL_COLOR_TABLE  0x80D0
#define GL_POST_CONVOLUTION_COLOR_TABLE 0x80D1
#define GL_POST_COLOR_MATRIX_COLOR_TABLE        0x80D2
#define GL_PROXY_COLOR_TABLE    0x80D3
#define GL_PROXY_POST_CONVOLUTION_COLOR_TABLE   0x80D4
#define GL_PROXY_POST_COLOR_MATRIX_COLOR_TABLE  0x80D5
#define GL_COLOR_TABLE_SCALE    0x80D6
#define GL_COLOR_TABLE_BIAS     0x80D7
#define GL_COLOR_TABLE_FORMAT   0x80D8
#define GL_COLOR_TABLE_WIDTH    0x80D9
#define GL_COLOR_TABLE_RED_SIZE 0x80DA
#define GL_COLOR_TABLE_GREEN_SIZE       0x80DB
#define GL_COLOR_TABLE_BLUE_SIZE        0x80DC
#define GL_COLOR_TABLE_ALPHA_SIZE       0x80DD
#define GL_COLOR_TABLE_LUMINANCE_SIZE   0x80DE
#define GL_COLOR_TABLE_INTENSITY_SIZE   0x80DF
#define GL_CONSTANT_BORDER      0x8151
#define GL_REPLICATE_BORDER     0x8153
#define GL_CONVOLUTION_BORDER_COLOR     0x8154

#define GL_TEXTURE0     0x84C0
#define GL_TEXTURE1     0x84C1
#define GL_TEXTURE2     0x84C2
#define GL_TEXTURE3     0x84C3
#define GL_TEXTURE4     0x84C4
#define GL_TEXTURE5     0x84C5
#define GL_TEXTURE6     0x84C6
#define GL_TEXTURE7     0x84C7
#define GL_TEXTURE8     0x84C8
#define GL_TEXTURE9     0x84C9
#define GL_TEXTURE10    0x84CA
#define GL_TEXTURE11    0x84CB
#define GL_TEXTURE12    0x84CC
#define GL_TEXTURE13    0x84CD
#define GL_TEXTURE14    0x84CE
#define GL_TEXTURE15    0x84CF
#define GL_TEXTURE16    0x84D0
#define GL_TEXTURE17    0x84D1
#define GL_TEXTURE18    0x84D2
#define GL_TEXTURE19    0x84D3
#define GL_TEXTURE20    0x84D4
#define GL_TEXTURE21    0x84D5
#define GL_TEXTURE22    0x84D6
#define GL_TEXTURE23    0x84D7
#define GL_TEXTURE24    0x84D8
#define GL_TEXTURE25    0x84D9
#define GL_TEXTURE26    0x84DA
#define GL_TEXTURE27    0x84DB
#define GL_TEXTURE28    0x84DC
#define GL_TEXTURE29    0x84DD
#define GL_TEXTURE30    0x84DE
#define GL_TEXTURE31    0x84DF
#define GL_ACTIVE_TEXTURE       0x84E0
#define GL_CLIENT_ACTIVE_TEXTURE        0x84E1
```

```
#define GL_MAX_TEXTURE_UNITS    0x84E2

#define GL_NORMAL_MAP   0x8511
#define GL_REFLECTION_MAP       0x8512
#define GL_TEXTURE_CUBE_MAP     0x8513
#define GL_TEXTURE_BINDING_CUBE_MAP     0x8514
#define GL_TEXTURE_CUBE_MAP_POSITIVE_X  0x8515
#define GL_TEXTURE_CUBE_MAP_NEGATIVE_X  0x8516
#define GL_TEXTURE_CUBE_MAP_POSITIVE_Y  0x8517
#define GL_TEXTURE_CUBE_MAP_NEGATIVE_Y  0x8518
#define GL_TEXTURE_CUBE_MAP_POSITIVE_Z  0x8519
#define GL_TEXTURE_CUBE_MAP_NEGATIVE_Z  0x851A
#define GL_PROXY_TEXTURE_CUBE_MAP       0x851B
#define GL_MAX_CUBE_MAP_TEXTURE_SIZE    0x851C

#define GL_COMPRESSED_ALPHA     0x84E9
#define GL_COMPRESSED_LUMINANCE 0x84EA
#define GL_COMPRESSED_LUMINANCE_ALPHA   0x84EB
#define GL_COMPRESSED_INTENSITY 0x84EC
#define GL_COMPRESSED_RGB       0x84ED
#define GL_COMPRESSED_RGBA      0x84EE
#define GL_TEXTURE_COMPRESSION_HINT     0x84EF
#define GL_TEXTURE_COMPRESSED_IMAGE_SIZE        0x86A0
#define GL_TEXTURE_COMPRESSED   0x86A1
#define GL_NUM_COMPRESSED_TEXTURE_FORMATS       0x86A2
#define GL_COMPRESSED_TEXTURE_FORMATS   0x86A3

#define GL_MULTISAMPLE_BIT      0x20000000
#define GL_MULTISAMPLE  0x809D
#define GL_SAMPLE_ALPHA_TO_COVERAGE     0x809E
#define GL_SAMPLE_ALPHA_TO_ONE  0x809F
#define GL_SAMPLE_COVERAGE      0x80A0
#define GL_SAMPLE_BUFFERS       0x80A8
#define GL_SAMPLES      0x80A9
#define GL_SAMPLE_COVERAGE_VALUE        0x80AA
#define GL_SAMPLE_COVERAGE_INVERT       0x80AB

#define GL_TRANSPOSE_MODELVIEW_MATRIX   0x84E3
#define GL_TRANSPOSE_PROJECTION_MATRIX  0x84E4
#define GL_TRANSPOSE_TEXTURE_MATRIX     0x84E5
#define GL_TRANSPOSE_COLOR_MATRIX       0x84E6

#define GL_SUBTRACT     0x84E7
#define GL_COMBINE      0x8570
#define GL_COMBINE_RGB  0x8571
#define GL_COMBINE_ALPHA        0x8572
#define GL_RGB_SCALE    0x8573
#define GL_ADD_SIGNED   0x8574
#define GL_INTERPOLATE  0x8575
#define GL_CONSTANT     0x8576
#define GL_PRIMARY_COLOR        0x8577
#define GL_PREVIOUS     0x8578
#define GL_SOURCE0_RGB  0x8580
#define GL_SOURCE1_RGB  0x8581
#define GL_SOURCE2_RGB  0x8582
#define GL_SOURCE0_ALPHA        0x8588
#define GL_SOURCE1_ALPHA        0x8589
#define GL_SOURCE2_ALPHA        0x858A
#define GL_OPERAND0_RGB 0x8590
#define GL_OPERAND1_RGB 0x8591
#define GL_OPERAND2_RGB 0x8592
#define GL_OPERAND0_ALPHA       0x8598
#define GL_OPERAND1_ALPHA       0x8599
#define GL_OPERAND2_ALPHA       0x859A

#define GL_DOT3_RGB     0x86AE
```

© 2008 Linux Foundation

```
#define GL_DOT3_RGBA    0x86AF

#define GL_CLAMP_TO_BORDER      0x812D

#define GL_TEXTURE0_ARB 0x84C0
#define GL_TEXTURE1_ARB 0x84C1
#define GL_TEXTURE2_ARB 0x84C2
#define GL_TEXTURE3_ARB 0x84C3
#define GL_TEXTURE4_ARB 0x84C4
#define GL_TEXTURE5_ARB 0x84C5
#define GL_TEXTURE6_ARB 0x84C6
#define GL_TEXTURE7_ARB 0x84C7
#define GL_TEXTURE8_ARB 0x84C8
#define GL_TEXTURE9_ARB 0x84C9
#define GL_TEXTURE10_ARB        0x84CA
#define GL_TEXTURE11_ARB        0x84CB
#define GL_TEXTURE12_ARB        0x84CC
#define GL_TEXTURE13_ARB        0x84CD
#define GL_TEXTURE14_ARB        0x84CE
#define GL_TEXTURE15_ARB        0x84CF
#define GL_TEXTURE16_ARB        0x84D0
#define GL_TEXTURE17_ARB        0x84D1
#define GL_TEXTURE18_ARB        0x84D2
#define GL_TEXTURE19_ARB        0x84D3
#define GL_TEXTURE20_ARB        0x84D4
#define GL_TEXTURE21_ARB        0x84D5
#define GL_TEXTURE22_ARB        0x84D6
#define GL_TEXTURE23_ARB        0x84D7
#define GL_TEXTURE24_ARB        0x84D8
#define GL_TEXTURE25_ARB        0x84D9
#define GL_TEXTURE26_ARB        0x84DA
#define GL_TEXTURE27_ARB        0x84DB
#define GL_TEXTURE28_ARB        0x84DC
#define GL_TEXTURE29_ARB        0x84DD
#define GL_TEXTURE30_ARB        0x84DE
#define GL_TEXTURE31_ARB        0x84DF
#define GL_ACTIVE_TEXTURE_ARB   0x84E0
#define GL_CLIENT_ACTIVE_TEXTURE_ARB    0x84E1
#define GL_MAX_TEXTURE_UNITS_ARB        0x84E2
#define GL_ARB_imaging  1
#ifndef GL_ARB_multitexture
#define GL_ARB_multitexture     1
#endif

#define GL_NO_ERROR     0x0
#define GL_INVALID_ENUM 0x0500
#define GL_INVALID_VALUE        0x0501
#define GL_INVALID_OPERATION    0x0502
#define GL_STACK_OVERFLOW       0x0503
#define GL_STACK_UNDERFLOW      0x0504
#define GL_OUT_OF_MEMORY        0x0505

#define GL_VENDOR       0x1F00
#define GL_RENDERER     0x1F01
#define GL_VERSION      0x1F02
#define GL_EXTENSIONS   0x1F03

#define GL_SELECTION_BUFFER_POINTER     0x0DF3
#define GL_SELECTION_BUFFER_SIZE        0x0DF4

#define GL_EXP  0x0800
#define GL_EXP2 0x0801
#define GL_FOG  0x0B60
#define GL_FOG_INDEX    0x0B61
#define GL_FOG_DENSITY  0x0B62
#define GL_FOG_START    0x0B63
```

```
#define GL_FOG_END      0x0B64
#define GL_FOG_MODE     0x0B65
#define GL_FOG_COLOR    0x0B66
#define GL_LINEAR       0x2601

#define GL_LOGIC_OP_MODE        0x0BF0
#define GL_INDEX_LOGIC_OP       0x0BF1
#define GL_LOGIC_OP     0x0BF1
#define GL_COLOR_LOGIC_OP       0x0BF2
#define GL_CLEAR        0x1500
#define GL_AND  0x1501
#define GL_AND_REVERSE  0x1502
#define GL_COPY 0x1503
#define GL_AND_INVERTED 0x1504
#define GL_NOOP 0x1505
#define GL_XOR  0x1506
#define GL_OR   0x1507
#define GL_NOR  0x1508
#define GL_EQUIV        0x1509
#define GL_INVERT       0x150A
#define GL_OR_REVERSE   0x150B
#define GL_COPY_INVERTED        0x150C
#define GL_OR_INVERTED  0x150D
#define GL_NAND 0x150E
#define GL_SET  0x150F

#define GL_STENCIL_TEST 0x0B90
#define GL_STENCIL_CLEAR_VALUE  0x0B91
#define GL_STENCIL_FUNC 0x0B92
#define GL_STENCIL_VALUE_MASK   0x0B93
#define GL_STENCIL_FAIL 0x0B94
#define GL_STENCIL_PASS_DEPTH_FAIL      0x0B95
#define GL_STENCIL_PASS_DEPTH_PASS      0x0B96
#define GL_STENCIL_REF  0x0B97
#define GL_STENCIL_WRITEMASK    0x0B98
#define GL_STENCIL_BITS 0x0D57
#define GL_STENCIL_INDEX        0x1901
#define GL_KEEP 0x1E00
#define GL_REPLACE      0x1E01
#define GL_INCR 0x1E02
#define GL_DECR 0x1E03

#define GL_NONE 0x0
#define GL_FRONT_LEFT   0x0400
#define GL_FRONT_RIGHT  0x0401
#define GL_BACK_LEFT    0x0402
#define GL_BACK_RIGHT   0x0403
#define GL_LEFT 0x0406
#define GL_RIGHT        0x0407
#define GL_AUX0 0x0409
#define GL_AUX1 0x040A
#define GL_AUX2 0x040B
#define GL_AUX3 0x040C
#define GL_DITHER       0x0BD0
#define GL_AUX_BUFFERS  0x0C00
#define GL_DRAW_BUFFER  0x0C01
#define GL_READ_BUFFER  0x0C02
#define GL_DOUBLEBUFFER 0x0C32
#define GL_STEREO       0x0C33
#define GL_SUBPIXEL_BITS        0x0D50
#define GL_INDEX_BITS   0x0D51
#define GL_RED_BITS     0x0D52
#define GL_GREEN_BITS   0x0D53
#define GL_BLUE_BITS    0x0D54
#define GL_ALPHA_BITS   0x0D55
#define GL_COLOR        0x1800
```

```
#define GL_DEPTH        0x1801
#define GL_STENCIL      0x1802
#define GL_COLOR_INDEX  0x1900
#define GL_RED  0x1903
#define GL_GREEN        0x1904
#define GL_BLUE 0x1905
#define GL_ALPHA        0x1906
#define GL_RGB  0x1907
#define GL_RGBA 0x1908
#define GL_LUMINANCE    0x1909
#define GL_LUMINANCE_ALPHA      0x190A
#define GL_BITMAP       0x1A00

#define GL_MAX_LIST_NESTING     0x0B31
#define GL_MAX_EVAL_ORDER       0x0D30
#define GL_MAX_LIGHTS   0x0D31
#define GL_MAX_CLIP_PLANES      0x0D32
#define GL_MAX_TEXTURE_SIZE     0x0D33
#define GL_MAX_PIXEL_MAP_TABLE  0x0D34
#define GL_MAX_ATTRIB_STACK_DEPTH       0x0D35
#define GL_MAX_MODELVIEW_STACK_DEPTH    0x0D36
#define GL_MAX_NAME_STACK_DEPTH 0x0D37
#define GL_MAX_PROJECTION_STACK_DEPTH   0x0D38
#define GL_MAX_TEXTURE_STACK_DEPTH      0x0D39
#define GL_MAX_VIEWPORT_DIMS    0x0D3A
#define GL_MAX_CLIENT_ATTRIB_STACK_DEPTH        0x0D3B

#define GL_CURRENT_COLOR        0x0B00
#define GL_CURRENT_INDEX        0x0B01
#define GL_CURRENT_NORMAL       0x0B02
#define GL_CURRENT_TEXTURE_COORDS       0x0B03
#define GL_CURRENT_RASTER_COLOR 0x0B04
#define GL_CURRENT_RASTER_INDEX 0x0B05
#define GL_CURRENT_RASTER_TEXTURE_COORDS        0x0B06
#define GL_CURRENT_RASTER_POSITION      0x0B07
#define GL_CURRENT_RASTER_POSITION_VALID        0x0B08
#define GL_CURRENT_RASTER_DISTANCE      0x0B09
#define GL_VIEWPORT     0x0BA2
#define GL_MODELVIEW_STACK_DEPTH        0x0BA3
#define GL_PROJECTION_STACK_DEPTH       0x0BA4
#define GL_TEXTURE_STACK_DEPTH  0x0BA5
#define GL_MODELVIEW_MATRIX     0x0BA6
#define GL_PROJECTION_MATRIX    0x0BA7
#define GL_TEXTURE_MATRIX       0x0BA8
#define GL_ATTRIB_STACK_DEPTH   0x0BB0
#define GL_CLIENT_ATTRIB_STACK_DEPTH    0x0BB1
#define GL_INDEX_CLEAR_VALUE    0x0C20
#define GL_INDEX_WRITEMASK      0x0C21
#define GL_COLOR_CLEAR_VALUE    0x0C22
#define GL_COLOR_WRITEMASK      0x0C23
#define GL_INDEX_MODE   0x0C30
#define GL_RGBA_MODE    0x0C31
#define GL_RENDER_MODE  0x0C40
#define GL_NAME_STACK_DEPTH     0x0D70

#define GL_COEFF        0x0A00
#define GL_ORDER        0x0A01
#define GL_DOMAIN       0x0A02
#define GL_AUTO_NORMAL  0x0D80
#define GL_MAP1_COLOR_4 0x0D90
#define GL_MAP1_INDEX   0x0D91
#define GL_MAP1_NORMAL  0x0D92
#define GL_MAP1_TEXTURE_COORD_1 0x0D93
#define GL_MAP1_TEXTURE_COORD_2 0x0D94
#define GL_MAP1_TEXTURE_COORD_3 0x0D95
#define GL_MAP1_TEXTURE_COORD_4 0x0D96
```

```
#define GL_MAP1_VERTEX_3        0x0D97
#define GL_MAP1_VERTEX_4        0x0D98
#define GL_MAP2_COLOR_4 0x0DB0
#define GL_MAP2_INDEX   0x0DB1
#define GL_MAP2_NORMAL  0x0DB2
#define GL_MAP2_TEXTURE_COORD_1 0x0DB3
#define GL_MAP2_TEXTURE_COORD_2 0x0DB4
#define GL_MAP2_TEXTURE_COORD_3 0x0DB5
#define GL_MAP2_TEXTURE_COORD_4 0x0DB6
#define GL_MAP2_VERTEX_3        0x0DB7
#define GL_MAP2_VERTEX_4        0x0DB8
#define GL_MAP1_GRID_DOMAIN     0x0DD0
#define GL_MAP1_GRID_SEGMENTS   0x0DD1
#define GL_MAP2_GRID_DOMAIN     0x0DD2
#define GL_MAP2_GRID_SEGMENTS   0x0DD3

#define GL_PERSPECTIVE_CORRECTION_HINT  0x0C50
#define GL_POINT_SMOOTH_HINT    0x0C51
#define GL_LINE_SMOOTH_HINT     0x0C52
#define GL_POLYGON_SMOOTH_HINT  0x0C53
#define GL_FOG_HINT     0x0C54
#define GL_DONT_CARE    0x1100
#define GL_FASTEST      0x1101
#define GL_NICEST       0x1102

#define GL_SCISSOR_BOX  0x0C10
#define GL_SCISSOR_TEST 0x0C11

#define GL_PIXEL_MAP_I_TO_I     0x0C70
#define GL_PIXEL_MAP_S_TO_S     0x0C71
#define GL_PIXEL_MAP_I_TO_R     0x0C72
#define GL_PIXEL_MAP_I_TO_G     0x0C73
#define GL_PIXEL_MAP_I_TO_B     0x0C74
#define GL_PIXEL_MAP_I_TO_A     0x0C75
#define GL_PIXEL_MAP_R_TO_R     0x0C76
#define GL_PIXEL_MAP_G_TO_G     0x0C77
#define GL_PIXEL_MAP_B_TO_B     0x0C78
#define GL_PIXEL_MAP_A_TO_A     0x0C79
#define GL_PIXEL_MAP_I_TO_I_SIZE        0x0CB0
#define GL_PIXEL_MAP_S_TO_S_SIZE        0x0CB1
#define GL_PIXEL_MAP_I_TO_R_SIZE        0x0CB2
#define GL_PIXEL_MAP_I_TO_G_SIZE        0x0CB3
#define GL_PIXEL_MAP_I_TO_B_SIZE        0x0CB4
#define GL_PIXEL_MAP_I_TO_A_SIZE        0x0CB5
#define GL_PIXEL_MAP_R_TO_R_SIZE        0x0CB6
#define GL_PIXEL_MAP_G_TO_G_SIZE        0x0CB7
#define GL_PIXEL_MAP_B_TO_B_SIZE        0x0CB8
#define GL_PIXEL_MAP_A_TO_A_SIZE        0x0CB9
#define GL_UNPACK_SWAP_BYTES    0x0CF0
#define GL_UNPACK_LSB_FIRST     0x0CF1
#define GL_UNPACK_ROW_LENGTH    0x0CF2
#define GL_UNPACK_SKIP_ROWS     0x0CF3
#define GL_UNPACK_SKIP_PIXELS   0x0CF4
#define GL_UNPACK_ALIGNMENT     0x0CF5
#define GL_PACK_SWAP_BYTES      0x0D00
#define GL_PACK_LSB_FIRST       0x0D01
#define GL_PACK_ROW_LENGTH      0x0D02
#define GL_PACK_SKIP_ROWS       0x0D03
#define GL_PACK_SKIP_PIXELS     0x0D04
#define GL_PACK_ALIGNMENT       0x0D05
#define GL_MAP_COLOR    0x0D10
#define GL_MAP_STENCIL  0x0D11
#define GL_INDEX_SHIFT  0x0D12
#define GL_INDEX_OFFSET 0x0D13
#define GL_RED_SCALE    0x0D14
#define GL_RED_BIAS     0x0D15
```

```
#define GL_ZOOM_X       0x0D16
#define GL_ZOOM_Y       0x0D17
#define GL_GREEN_SCALE  0x0D18
#define GL_GREEN_BIAS   0x0D19
#define GL_BLUE_SCALE   0x0D1A
#define GL_BLUE_BIAS    0x0D1B
#define GL_ALPHA_SCALE  0x0D1C
#define GL_ALPHA_BIAS   0x0D1D
#define GL_DEPTH_SCALE  0x0D1E
#define GL_DEPTH_BIAS   0x0D1F

#define GL_TEXTURE_GEN_S        0x0C60
#define GL_TEXTURE_GEN_T        0x0C61
#define GL_TEXTURE_GEN_R        0x0C62
#define GL_TEXTURE_GEN_Q        0x0C63
#define GL_TEXTURE_1D   0x0DE0
#define GL_TEXTURE_2D   0x0DE1
#define GL_TEXTURE_WIDTH        0x1000
#define GL_TEXTURE_HEIGHT       0x1001
#define GL_TEXTURE_COMPONENTS   0x1003
#define GL_TEXTURE_BORDER_COLOR 0x1004
#define GL_TEXTURE_BORDER       0x1005
#define GL_S    0x2000
#define GL_T    0x2001
#define GL_R    0x2002
#define GL_Q    0x2003
#define GL_MODULATE     0x2100
#define GL_DECAL        0x2101
#define GL_TEXTURE_ENV_MODE     0x2200
#define GL_TEXTURE_ENV_COLOR    0x2201
#define GL_TEXTURE_ENV  0x2300
#define GL_EYE_LINEAR   0x2400
#define GL_OBJECT_LINEAR        0x2401
#define GL_SPHERE_MAP   0x2402
#define GL_TEXTURE_GEN_MODE     0x2500
#define GL_OBJECT_PLANE 0x2501
#define GL_EYE_PLANE    0x2502
#define GL_NEAREST      0x2600
#define GL_NEAREST_MIPMAP_NEAREST       0x2700
#define GL_LINEAR_MIPMAP_NEAREST        0x2701
#define GL_NEAREST_MIPMAP_LINEAR        0x2702
#define GL_LINEAR_MIPMAP_LINEAR 0x2703
#define GL_TEXTURE_MAG_FILTER   0x2800
#define GL_TEXTURE_MIN_FILTER   0x2801
#define GL_TEXTURE_WRAP_S       0x2802
#define GL_TEXTURE_WRAP_T       0x2803
#define GL_CLAMP        0x2900
#define GL_REPEAT       0x2901
#define GL_TEXTURE_RED_SIZE     0x805C
#define GL_TEXTURE_GREEN_SIZE   0x805D
#define GL_TEXTURE_BLUE_SIZE    0x805E
#define GL_TEXTURE_ALPHA_SIZE   0x805F
#define GL_TEXTURE_LUMINANCE_SIZE       0x8060
#define GL_TEXTURE_INTENSITY_SIZE       0x8061

#define GL_FALSE        0x0
#define GL_TRUE 0x1

extern void glAccum(GLenum op, GLfloat value);
extern void glActiveTextureARB(GLenum texture);
extern void glAlphaFunc(GLenum func, GLclampf ref);
extern GLboolean glAreTexturesResident(GLsizei n, const GLuint *
textures,
                                       GLboolean * residences);
extern void glArrayElement(GLint i);
extern void glBegin(GLenum mode);
```

```
extern void glBindTexture(GLenum target, GLuint texture);
extern void glBitmap(GLsizei width, GLsizei height, GLfloat
xorig,
                     GLfloat yorig, GLfloat xmove, GLfloat ymove,
                     const GLubyte * bitmap);
extern void glBlendColor(GLclampf red, GLclampf green, GLclampf
blue,
                         GLclampf alpha);
extern void glBlendEquation(GLenum mode);
extern void glBlendFunc(GLenum sfactor, GLenum dfactor);
extern void glCallList(GLuint list);
extern void glCallLists(GLsizei n, GLenum type, const GLvoid *
lists);
extern void glClear(GLbitfield mask);
extern void glClearAccum(GLfloat red, GLfloat green, GLfloat
blue,
                         GLfloat alpha);
extern void glClearColor(GLclampf red, GLclampf green, GLclampf
blue,
                         GLclampf alpha);
extern void glClearDepth(GLclampd depth);
extern void glClearIndex(GLfloat c);
extern void glClearStencil(GLint s);
extern void glClientActiveTextureARB(GLenum texture);
extern void glClipPlane(GLenum plane, const GLdouble * equation);
extern void glColor3b(GLbyte red, GLbyte green, GLbyte blue);
extern void glColor3bv(const GLbyte * v);
extern void glColor3d(GLdouble red, GLdouble green, GLdouble
blue);
extern void glColor3dv(const GLdouble * v);
extern void glColor3f(GLfloat red, GLfloat green, GLfloat blue);
extern void glColor3fv(const GLfloat * v);
extern void glColor3i(GLint red, GLint green, GLint blue);
extern void glColor3iv(const GLint * v);
extern void glColor3s(GLshort red, GLshort green, GLshort blue);
extern void glColor3sv(const GLshort * v);
extern void glColor3ub(GLubyte red, GLubyte green, GLubyte blue);
extern void glColor3ubv(const GLubyte * v);
extern void glColor3ui(GLuint red, GLuint green, GLuint blue);
extern void glColor3uiv(const GLuint * v);
extern void glColor3us(GLushort red, GLushort green, GLushort
blue);
extern void glColor3usv(const GLushort * v);
extern void glColor4b(GLbyte red, GLbyte green, GLbyte blue,
GLbyte alpha);
extern void glColor4bv(const GLbyte * v);
extern void glColor4d(GLdouble red, GLdouble green, GLdouble
blue,
                      GLdouble alpha);
extern void glColor4dv(const GLdouble * v);
extern void glColor4f(GLfloat red, GLfloat green, GLfloat blue,
                      GLfloat alpha);
extern void glColor4fv(const GLfloat * v);
extern void glColor4i(GLint red, GLint green, GLint blue, GLint
alpha);
extern void glColor4iv(const GLint * v);
extern void glColor4s(GLshort red, GLshort green, GLshort blue,
                      GLshort alpha);
extern void glColor4sv(const GLshort * v);
extern void glColor4ub(GLubyte red, GLubyte green, GLubyte blue,
                       GLubyte alpha);
extern void glColor4ubv(const GLubyte * v);
extern void glColor4ui(GLuint red, GLuint green, GLuint blue,
                       GLuint alpha);
extern void glColor4uiv(const GLuint * v);
extern void glColor4us(GLushort red, GLushort green, GLushort
```

```
blue,
                        GLushort alpha);
extern void glColor4usv(const GLushort * v);
extern void glColorMask(GLboolean red, GLboolean green, GLboolean
blue,
                        GLboolean alpha);
extern void glColorMaterial(GLenum face, GLenum mode);
extern  void  glColorPointer(GLint  size,  GLenum  type,  GLsizei
stride,
                             const GLvoid * pointer);
extern void glColorSubTable(GLenum target, GLsizei start, GLsizei
count,
                            GLenum format, GLenum type,
                            const GLvoid * data);
extern void glColorTable(GLenum target, GLenum internalformat,
                             GLsizei width, GLenum format, GLenum
type,
                           const GLvoid * table);
extern void glColorTableParameterfv(GLenum target, GLenum pname,
                                    const GLfloat * params);
extern void glColorTableParameteriv(GLenum target, GLenum pname,
                                    const GLint * params);
extern    void    glConvolutionFilter1D(GLenum    target,    GLenum
internalformat,
                                  GLsizei width, GLenum format,
                                      GLenum type, const GLvoid *
image);
extern    void    glConvolutionFilter2D(GLenum    target,    GLenum
internalformat,
                                  GLsizei width, GLsizei height,
                                  GLenum format, GLenum type,
                                  const GLvoid * image);
extern void glConvolutionParameterf(GLenum target, GLenum pname,
                                    GLfloat params);
extern void glConvolutionParameterfv(GLenum target, GLenum pname,
                                     const GLfloat * params);
extern void glConvolutionParameteri(GLenum target, GLenum pname,
                                    GLint params);
extern void glConvolutionParameteriv(GLenum target, GLenum pname,
                                     const GLint * params);
extern  void  glCopyColorSubTable(GLenum  target,  GLsizei  start,
GLint x,
                                GLint y, GLsizei width);
extern     void     glCopyColorTable(GLenum     target,     GLenum
internalformat, GLint x,
                              GLint y, GLsizei width);
extern   void   glCopyConvolutionFilter1D(GLenum   target,   GLenum
internalformat,
                                          GLint x, GLint y, GLsizei
width);
extern   void   glCopyConvolutionFilter2D(GLenum   target,   GLenum
internalformat,
                                          GLint x, GLint y, GLsizei
width,
                                         GLsizei height);
extern void glCopyPixels(GLint x, GLint y, GLsizei width, GLsizei
height,
                         GLenum type);
extern void glCopyTexImage1D(GLenum target, GLint level,
                                  GLenum internalFormat, GLint x,
GLint y,
                              GLsizei width, GLint border);
extern void glCopyTexImage2D(GLenum target, GLint level,
                                  GLenum internalFormat, GLint x,
GLint y,
                             GLsizei width, GLsizei height, GLint
```

```
border);
extern void glCopyTexSubImage1D(GLenum target, GLint level, GLint
xoffset,
                                GLint x, GLint y, GLsizei width);
extern void glCopyTexSubImage2D(GLenum target, GLint level, GLint
xoffset,
                                GLint yoffset, GLint x, GLint y,
                                GLsizei width, GLsizei height);
extern void glCopyTexSubImage3D(GLenum target, GLint level, GLint
xoffset,
                                   GLint yoffset, GLint zoffset,
GLint x,
                                 GLint y, GLsizei width, GLsizei
height);
extern void glCullFace(GLenum mode);
extern void glDeleteLists(GLuint list, GLsizei range);
extern void glDeleteTextures(GLsizei n, const GLuint * textures);
extern void glDepthFunc(GLenum func);
extern void glDepthMask(GLboolean flag);
extern void glDepthRange(GLclampd zNear, GLclampd zFar);
extern void glDisable(GLenum cap);
extern void glDisableClientState(GLenum array);
extern  void  glDrawArrays(GLenum  mode,  GLint  first,  GLsizei
count);
extern void glDrawBuffer(GLenum mode);
extern  void  glDrawElements(GLenum  mode,  GLsizei  count,  GLenum
type,
                           const GLvoid * indices);
extern  void  glDrawPixels(GLsizei  width,  GLsizei  height,  GLenum
format,
                         GLenum type, const GLvoid * pixels);
extern void glDrawRangeElements(GLenum mode, GLuint start, GLuint
end,
                                GLsizei count, GLenum type,
                                const GLvoid * indices);
extern void glEdgeFlag(GLboolean flag);
extern  void  glEdgeFlagPointer(GLsizei  stride,  const  GLvoid  *
pointer);
extern void glEdgeFlagv(const GLboolean * flag);
extern void glEnable(GLenum cap);
extern void glEnableClientState(GLenum array);
extern void glEnd(void);
extern void glEndList(void);
extern void glEvalCoord1d(GLdouble u);
extern void glEvalCoord1dv(const GLdouble * u);
extern void glEvalCoord1f(GLfloat u);
extern void glEvalCoord1fv(const GLfloat * u);
extern void glEvalCoord2d(GLdouble u, GLdouble v);
extern void glEvalCoord2dv(const GLdouble * u);
extern void glEvalCoord2f(GLfloat u, GLfloat v);
extern void glEvalCoord2fv(const GLfloat * u);
extern void glEvalMesh1(GLenum mode, GLint i1, GLint i2);
extern  void  glEvalMesh2(GLenum  mode,  GLint  i1,  GLint  i2,  GLint
j1,
                        GLint j2);
extern void glEvalPoint1(GLint i);
extern void glEvalPoint2(GLint i, GLint j);
extern void glFeedbackBuffer(GLsizei size, GLenum type, GLfloat *
buffer);
extern void glFinish(void);
extern void glFlush(void);
extern void glFogf(GLenum pname, GLfloat param);
extern void glFogfv(GLenum pname, const GLfloat * params);
extern void glFogi(GLenum pname, GLint param);
extern void glFogiv(GLenum pname, const GLint * params);
extern void glFrontFace(GLenum mode);
```

```
extern void glFrustum(GLdouble left, GLdouble right, GLdouble
bottom,
                      GLdouble top, GLdouble zNear, GLdouble
zFar);
extern GLuint glGenLists(GLsizei range);
extern void glGenTextures(GLsizei n, GLuint * textures);
extern void glGetBooleanv(GLenum pname, GLboolean * params);
extern void glGetClipPlane(GLenum plane, GLdouble * equation);
extern void glGetColorTable(GLenum target, GLenum format, GLenum
type,
                            GLvoid * table);
extern void glGetColorTableParameterfv(GLenum target, GLenum
pname,
                                       GLfloat * params);
extern void glGetColorTableParameteriv(GLenum target, GLenum
pname,
                                       GLint * params);
extern void glGetConvolutionFilter(GLenum target, GLenum format,
                                   GLenum type, GLvoid * image);
extern void glGetConvolutionParameterfv(GLenum target, GLenum
pname,
                                        GLfloat * params);
extern void glGetConvolutionParameteriv(GLenum target, GLenum
pname,
                                        GLint * params);
extern void glGetDoublev(GLenum pname, GLdouble * params);
extern GLenum glGetError(void);
extern void glGetFloatv(GLenum pname, GLfloat * params);
extern void glGetHistogram(GLenum target, GLboolean reset, GLenum
format,
                           GLenum type, GLvoid * values);
extern void glGetHistogramParameterfv(GLenum target, GLenum
pname,
                                      GLfloat * params);
extern void glGetHistogramParameteriv(GLenum target, GLenum
pname,
                                      GLint * params);
extern void glGetIntegerv(GLenum pname, GLint * params);
extern void glGetLightfv(GLenum light, GLenum pname, GLfloat *
params);
extern void glGetLightiv(GLenum light, GLenum pname, GLint *
params);
extern void glGetMapdv(GLenum target, GLenum query, GLdouble *
v);
extern void glGetMapfv(GLenum target, GLenum query, GLfloat * v);
extern void glGetMapiv(GLenum target, GLenum query, GLint * v);
extern void glGetMaterialfv(GLenum face, GLenum pname, GLfloat *
params);
extern void glGetMaterialiv(GLenum face, GLenum pname, GLint *
params);
extern void glGetMinmax(GLenum target, GLboolean reset, GLenum
format,
                        GLenum types, GLvoid * values);
extern void glGetMinmaxParameterfv(GLenum target, GLenum pname,
                                   GLfloat * params);
extern void glGetMinmaxParameteriv(GLenum target, GLenum pname,
                                   GLint * params);
extern void glGetPixelMapfv(GLenum map, GLfloat * values);
extern void glGetPixelMapuiv(GLenum map, GLuint * values);
extern void glGetPixelMapusv(GLenum map, GLushort * values);
extern void glGetPointerv(GLenum pname, void **params);
extern void glGetPolygonStipple(GLubyte * mask);
extern void glGetSeparableFilter(GLenum target, GLenum format,
GLenum type,
                                 GLvoid * row, GLvoid * column,
                                 GLvoid * span);
```

```
extern const GLubyte *glGetString(GLenum name);
extern void glGetTexEnvfv(GLenum target, GLenum pname, GLfloat *
params);
extern void glGetTexEnviv(GLenum target, GLenum pname, GLint *
params);
extern void glGetTexGendv(GLenum coord, GLenum pname, GLdouble *
params);
extern void glGetTexGenfv(GLenum coord, GLenum pname, GLfloat *
params);
extern void glGetTexGeniv(GLenum coord, GLenum pname, GLint *
params);
extern void glGetTexImage(GLenum target, GLint level, GLenum
format,
                          GLenum type, GLvoid * pixels);
extern void glGetTexLevelParameterfv(GLenum target, GLint level,
                                     GLenum pname, GLfloat *
params);
extern void glGetTexLevelParameteriv(GLenum target, GLint level,
                                      GLenum pname, GLint *
params);
extern void glGetTexParameterfv(GLenum target, GLenum pname,
                                GLfloat * params);
extern void glGetTexParameteriv(GLenum target, GLenum pname,
                                GLint * params);
extern void glHint(GLenum target, GLenum mode);
extern void glHistogram(GLenum target, GLsizei width,
                        GLenum internalformat, GLboolean sink);
extern void glIndexMask(GLuint mask);
extern void glIndexPointer(GLenum type, GLsizei stride,
                           const GLvoid * pointer);
extern void glIndexd(GLdouble c);
extern void glIndexdv(const GLdouble * c);
extern void glIndexf(GLfloat c);
extern void glIndexfv(const GLfloat * c);
extern void glIndexi(GLint c);
extern void glIndexiv(const GLint * c);
extern void glIndexs(GLshort c);
extern void glIndexsv(const GLshort * c);
extern void glIndexub(GLubyte c);
extern void glIndexubv(const GLubyte * c);
extern void glInitNames(void);
extern void glInterleavedArrays(GLenum format, GLsizei stride,
                                const GLvoid * pointer);
extern GLboolean glIsEnabled(GLenum cap);
extern GLboolean glIsList(GLuint list);
extern GLboolean glIsTexture(GLuint texture);
extern void glLightModelf(GLenum pname, GLfloat param);
extern void glLightModelfv(GLenum pname, const GLfloat * params);
extern void glLightModeli(GLenum pname, GLint param);
extern void glLightModeliv(GLenum pname, const GLint * params);
extern void glLightf(GLenum light, GLenum pname, GLfloat param);
extern void glLightfv(GLenum light, GLenum pname, const GLfloat *
params);
extern void glLighti(GLenum light, GLenum pname, GLint param);
extern void glLightiv(GLenum light, GLenum pname, const GLint *
params);
extern void glLineStipple(GLint factor, GLushort pattern);
extern void glLineWidth(GLfloat width);
extern void glListBase(GLuint base);
extern void glLoadIdentity(void);
extern void glLoadMatrixd(const GLdouble * m);
extern void glLoadMatrixf(const GLfloat * m);
extern void glLoadName(GLuint name);
extern void glLogicOp(GLenum opcode);
extern void glMap1d(GLenum target, GLdouble u1, GLdouble u2,
GLint stride,
```

```
                    GLint order, const GLdouble * points);
extern void glMap1f(GLenum target, GLfloat u1, GLfloat u2, GLint
stride,
                    GLint order, const GLfloat * points);
extern void glMap2d(GLenum target, GLdouble u1, GLdouble u2,
GLint ustride,
                    GLint uorder, GLdouble v1, GLdouble v2, GLint
vstride,
                    GLint vorder, const GLdouble * points);
extern void glMap2f(GLenum target, GLfloat u1, GLfloat u2, GLint
ustride,
                      GLint uorder, GLfloat v1, GLfloat v2, GLint
vstride,
                    GLint vorder, const GLfloat * points);
extern void glMapGrid1d(GLint un, GLdouble u1, GLdouble u2);
extern void glMapGrid1f(GLint un, GLfloat u1, GLfloat u2);
extern void glMapGrid2d(GLint un, GLdouble u1, GLdouble u2, GLint
vn,
                        GLdouble v1, GLdouble v2);
extern void glMapGrid2f(GLint un, GLfloat u1, GLfloat u2, GLint
vn,
                        GLfloat v1, GLfloat v2);
extern  void  glMaterialf(GLenum  face,  GLenum  pname,  GLfloat
param);
extern void glMaterialfv(GLenum face, GLenum pname,
                         const GLfloat * params);
extern void glMateriali(GLenum face, GLenum pname, GLint param);
extern void glMaterialiv(GLenum face, GLenum pname, const GLint *
params);
extern void glMatrixMode(GLenum mode);
extern  void  glMinmax(GLenum  target,  GLenum  internalformat,
GLboolean sink);
extern void glMultMatrixd(const GLdouble * m);
extern void glMultMatrixf(const GLfloat * m);
extern void glMultiTexCoord1dARB(GLenum target, GLdouble s);
extern void glMultiTexCoord1dvARB(GLenum target, const GLdouble *
v);
extern void glMultiTexCoord1fARB(GLenum target, GLfloat s);
extern void glMultiTexCoord1fvARB(GLenum target, const GLfloat *
v);
extern void glMultiTexCoord1iARB(GLenum target, GLint s);
extern  void  glMultiTexCoord1ivARB(GLenum  target,  const  GLint  *
v);
extern void glMultiTexCoord1sARB(GLenum target, GLshort s);
extern void glMultiTexCoord1svARB(GLenum target, const GLshort *
v);
extern  void  glMultiTexCoord2dARB(GLenum  target,  GLdouble  s,
GLdouble t);
extern void glMultiTexCoord2dvARB(GLenum target, const GLdouble *
v);
extern  void  glMultiTexCoord2fARB(GLenum  target,  GLfloat  s,
GLfloat t);
extern void glMultiTexCoord2fvARB(GLenum target, const GLfloat *
v);
extern  void  glMultiTexCoord2iARB(GLenum  target,  GLint  s,  GLint
t);
extern  void  glMultiTexCoord2ivARB(GLenum  target,  const  GLint  *
v);
extern  void  glMultiTexCoord2sARB(GLenum  target,  GLshort  s,
GLshort t);
extern void glMultiTexCoord2svARB(GLenum target, const GLshort *
v);
extern  void  glMultiTexCoord3dARB(GLenum  target,  GLdouble  s,
GLdouble t,
                                   GLdouble r);
extern void glMultiTexCoord3dvARB(GLenum target, const GLdouble *
```

```
v);
extern  void  glMultiTexCoord3fARB(GLenum  target,  GLfloat  s,
GLfloat t,
                                   GLfloat r);
extern void glMultiTexCoord3fvARB(GLenum target, const GLfloat *
v);
extern void glMultiTexCoord3iARB(GLenum target, GLint s, GLint t,
GLint r);
extern  void  glMultiTexCoord3ivARB(GLenum  target,  const  GLint  *
v);
extern  void  glMultiTexCoord3sARB(GLenum  target,  GLshort  s,
GLshort t,
                                   GLshort r);
extern void glMultiTexCoord3svARB(GLenum target, const GLshort *
v);
extern  void  glMultiTexCoord4dARB(GLenum  target,  GLdouble  s,
GLdouble t,
                                   GLdouble r, GLdouble q);
extern void glMultiTexCoord4dvARB(GLenum target, const GLdouble *
v);
extern  void  glMultiTexCoord4fARB(GLenum  target,  GLfloat  s,
GLfloat t,
                                   GLfloat r, GLfloat q);
extern void glMultiTexCoord4fvARB(GLenum target, const GLfloat *
v);
extern void glMultiTexCoord4iARB(GLenum target, GLint s, GLint t,
GLint r,
                                   GLint q);
extern  void  glMultiTexCoord4ivARB(GLenum  target,  const  GLint  *
v);
extern  void  glMultiTexCoord4sARB(GLenum  target,  GLshort  s,
GLshort t,
                                   GLshort r, GLshort q);
extern void glMultiTexCoord4svARB(GLenum target, const GLshort *
v);
extern void glNewList(GLuint list, GLenum mode);
extern void glNormal3b(GLbyte nx, GLbyte ny, GLbyte nz);
extern void glNormal3bv(const GLbyte * v);
extern void glNormal3d(GLdouble nx, GLdouble ny, GLdouble nz);
extern void glNormal3dv(const GLdouble * v);
extern void glNormal3f(GLfloat nx, GLfloat ny, GLfloat nz);
extern void glNormal3fv(const GLfloat * v);
extern void glNormal3i(GLint nx, GLint ny, GLint nz);
extern void glNormal3iv(const GLint * v);
extern void glNormal3s(GLshort nx, GLshort ny, GLshort nz);
extern void glNormal3sv(const GLshort * v);
extern void glNormalPointer(GLenum type, GLsizei stride,
                            const GLvoid * pointer);
extern  void  glOrtho(GLdouble  left,  GLdouble  right,  GLdouble
bottom,
                      GLdouble top, GLdouble zNear, GLdouble zFar);
extern void glPassThrough(GLfloat token);
extern void glPixelMapfv(GLenum map, GLint mapsize,
                         const GLfloat * values);
extern void glPixelMapuiv(GLenum map, GLint mapsize,
                          const GLuint * values);
extern void glPixelMapusv(GLenum map, GLint mapsize,
                          const GLushort * values);
extern void glPixelStoref(GLenum pname, GLfloat param);
extern void glPixelStorei(GLenum pname, GLint param);
extern void glPixelTransferf(GLenum pname, GLfloat param);
extern void glPixelTransferi(GLenum pname, GLint param);
extern void glPixelZoom(GLfloat xfactor, GLfloat yfactor);
extern void glPointSize(GLfloat size);
extern void glPolygonMode(GLenum face, GLenum mode);
extern void glPolygonOffset(GLfloat factor, GLfloat units);
```

```
extern void glPolygonStipple(const GLubyte * mask);
extern void glPopAttrib(void);
extern void glPopClientAttrib(void);
extern void glPopMatrix(void);
extern void glPopName(void);
extern void glPrioritizeTextures(GLsizei n, const GLuint *
textures,
                                 const GLclampf * priorities);
extern void glPushAttrib(GLbitfield mask);
extern void glPushClientAttrib(GLbitfield mask);
extern void glPushMatrix(void);
extern void glPushName(GLuint name);
extern void glRasterPos2d(GLdouble x, GLdouble y);
extern void glRasterPos2dv(const GLdouble * v);
extern void glRasterPos2f(GLfloat x, GLfloat y);
extern void glRasterPos2fv(const GLfloat * v);
extern void glRasterPos2i(GLint x, GLint y);
extern void glRasterPos2iv(const GLint * v);
extern void glRasterPos2s(GLshort x, GLshort y);
extern void glRasterPos2sv(const GLshort * v);
extern void glRasterPos3d(GLdouble x, GLdouble y, GLdouble z);
extern void glRasterPos3dv(const GLdouble * v);
extern void glRasterPos3f(GLfloat x, GLfloat y, GLfloat z);
extern void glRasterPos3fv(const GLfloat * v);
extern void glRasterPos3i(GLint x, GLint y, GLint z);
extern void glRasterPos3iv(const GLint * v);
extern void glRasterPos3s(GLshort x, GLshort y, GLshort z);
extern void glRasterPos3sv(const GLshort * v);
extern void glRasterPos4d(GLdouble x, GLdouble y, GLdouble z,
GLdouble w);
extern void glRasterPos4dv(const GLdouble * v);
extern void glRasterPos4f(GLfloat x, GLfloat y, GLfloat z,
GLfloat w);
extern void glRasterPos4fv(const GLfloat * v);
extern void glRasterPos4i(GLint x, GLint y, GLint z, GLint w);
extern void glRasterPos4iv(const GLint * v);
extern void glRasterPos4s(GLshort x, GLshort y, GLshort z,
GLshort w);
extern void glRasterPos4sv(const GLshort * v);
extern void glReadBuffer(GLenum mode);
extern void glReadPixels(GLint x, GLint y, GLsizei width, GLsizei
height,
                         GLenum format, GLenum type, GLvoid *
pixels);
extern void glRectd(GLdouble x1, GLdouble y1, GLdouble x2,
GLdouble y2);
extern void glRectdv(const GLdouble * v1, const GLdouble * v2);
extern void glRectf(GLfloat x1, GLfloat y1, GLfloat x2, GLfloat
y2);
extern void glRectfv(const GLfloat * v1, const GLfloat * v2);
extern void glRecti(GLint x1, GLint y1, GLint x2, GLint y2);
extern void glRectiv(const GLint * v1, const GLint * v2);
extern void glRects(GLshort x1, GLshort y1, GLshort x2, GLshort
y2);
extern void glRectsv(const GLshort * v1, const GLshort * v2);
extern GLint glRenderMode(GLenum mode);
extern void glResetHistogram(GLenum target);
extern void glResetMinmax(GLenum target);
extern void glRotated(GLdouble angle, GLdouble x, GLdouble y,
GLdouble z);
extern void glRotatef(GLfloat angle, GLfloat x, GLfloat y,
GLfloat z);
extern void glScaled(GLdouble x, GLdouble y, GLdouble z);
extern void glScalef(GLfloat x, GLfloat y, GLfloat z);
extern void glScissor(GLint x, GLint y, GLsizei width, GLsizei
height);
```

```
extern void glSelectBuffer(GLsizei size, GLuint * buffer);
extern    void    glSeparableFilter2D(GLenum    target,    GLenum
internalformat,
                                GLsizei width, GLsizei height,
                                GLenum format, GLenum type,
                                 const GLvoid * row, const GLvoid
* column);
extern void glShadeModel(GLenum mode);
extern void glStencilFunc(GLenum func, GLint ref, GLuint mask);
extern void glStencilMask(GLuint mask);
extern void glStencilOp(GLenum fail, GLenum zfail, GLenum zpass);
extern void glTexCoord1d(GLdouble s);
extern void glTexCoord1dv(const GLdouble * v);
extern void glTexCoord1f(GLfloat s);
extern void glTexCoord1fv(const GLfloat * v);
extern void glTexCoord1i(GLint s);
extern void glTexCoord1iv(const GLint * v);
extern void glTexCoord1s(GLshort s);
extern void glTexCoord1sv(const GLshort * v);
extern void glTexCoord2d(GLdouble s, GLdouble t);
extern void glTexCoord2dv(const GLdouble * v);
extern void glTexCoord2f(GLfloat s, GLfloat t);
extern void glTexCoord2fv(const GLfloat * v);
extern void glTexCoord2i(GLint s, GLint t);
extern void glTexCoord2iv(const GLint * v);
extern void glTexCoord2s(GLshort s, GLshort t);
extern void glTexCoord2sv(const GLshort * v);
extern void glTexCoord3d(GLdouble s, GLdouble t, GLdouble r);
extern void glTexCoord3dv(const GLdouble * v);
extern void glTexCoord3f(GLfloat s, GLfloat t, GLfloat r);
extern void glTexCoord3fv(const GLfloat * v);
extern void glTexCoord3i(GLint s, GLint t, GLint r);
extern void glTexCoord3iv(const GLint * v);
extern void glTexCoord3s(GLshort s, GLshort t, GLshort r);
extern void glTexCoord3sv(const GLshort * v);
extern  void  glTexCoord4d(GLdouble  s,  GLdouble  t,  GLdouble  r,
GLdouble q);
extern void glTexCoord4dv(const GLdouble * v);
extern void glTexCoord4f(GLfloat s, GLfloat t, GLfloat r, GLfloat
q);
extern void glTexCoord4fv(const GLfloat * v);
extern void glTexCoord4i(GLint s, GLint t, GLint r, GLint q);
extern void glTexCoord4iv(const GLint * v);
extern void glTexCoord4s(GLshort s, GLshort t, GLshort r, GLshort
q);
extern void glTexCoord4sv(const GLshort * v);
extern  void  glTexCoordPointer(GLint  size,  GLenum  type,  GLsizei
stride,
                            const GLvoid * pointer);
extern  void  glTexEnvf(GLenum  target,  GLenum  pname,  GLfloat
param);
extern void glTexEnvfv(GLenum target, GLenum pname,
                       const GLfloat * params);
extern void glTexEnvi(GLenum target, GLenum pname, GLint param);
extern void glTexEnviv(GLenum target, GLenum pname, const GLint *
params);
extern  void  glTexGend(GLenum  coord,  GLenum  pname,  GLdouble
param);
extern void glTexGendv(GLenum coord, GLenum pname,
                       const GLdouble * params);
extern void glTexGenf(GLenum coord, GLenum pname, GLfloat param);
extern void glTexGenfv(GLenum coord, GLenum pname, const GLfloat
* params);
extern void glTexGeni(GLenum coord, GLenum pname, GLint param);
extern void glTexGeniv(GLenum coord, GLenum pname, const GLint *
params);
```

```
extern void glTexImage1D(GLenum target, GLint level, GLint
internalformat,
                         GLsizei width, GLint border, GLenum
format,
                         GLenum type, const GLvoid * pixels);
extern void glTexImage2D(GLenum target, GLint level, GLint
internalformat,
                         GLsizei width, GLsizei height, GLint
border,
                         GLenum format, GLenum type,
                         const GLvoid * pixels);
extern void glTexImage3D(GLenum target, GLint level, GLint
internalFormat,
                         GLsizei width, GLsizei height, GLsizei
depth,
                         GLint border, GLenum format, GLenum
type,
                         const GLvoid * pixels);
extern void glTexParameterf(GLenum target, GLenum pname, GLfloat
param);
extern void glTexParameterfv(GLenum target, GLenum pname,
                         const GLfloat * params);
extern void glTexParameteri(GLenum target, GLenum pname, GLint
param);
extern void glTexParameteriv(GLenum target, GLenum pname,
                         const GLint * params);
extern void glTexSubImage1D(GLenum target, GLint level, GLint
xoffset,
                         GLsizei width, GLenum format, GLenum
type,
                         const GLvoid * pixels);
extern void glTexSubImage2D(GLenum target, GLint level, GLint
xoffset,
                         GLint yoffset, GLsizei width, GLsizei
height,
                         GLenum format, GLenum type,
                         const GLvoid * pixels);
extern void glTexSubImage3D(GLenum target, GLint level, GLint
xoffset,
                         GLint yoffset, GLint zoffset, GLsizei
width,
                         GLsizei height, GLsizei depth, GLenum
format,
                         GLenum type, const GLvoid * pixels);
extern void glTranslated(GLdouble x, GLdouble y, GLdouble z);
extern void glTranslatef(GLfloat x, GLfloat y, GLfloat z);
extern void glVertex2d(GLdouble x, GLdouble y);
extern void glVertex2dv(const GLdouble * v);
extern void glVertex2f(GLfloat x, GLfloat y);
extern void glVertex2fv(const GLfloat * v);
extern void glVertex2i(GLint x, GLint y);
extern void glVertex2iv(const GLint * v);
extern void glVertex2s(GLshort x, GLshort y);
extern void glVertex2sv(const GLshort * v);
extern void glVertex3d(GLdouble x, GLdouble y, GLdouble z);
extern void glVertex3dv(const GLdouble * v);
extern void glVertex3f(GLfloat x, GLfloat y, GLfloat z);
extern void glVertex3fv(const GLfloat * v);
extern void glVertex3i(GLint x, GLint y, GLint z);
extern void glVertex3iv(const GLint * v);
extern void glVertex3s(GLshort x, GLshort y, GLshort z);
extern void glVertex3sv(const GLshort * v);
extern void glVertex4d(GLdouble x, GLdouble y, GLdouble z,
GLdouble w);
extern void glVertex4dv(const GLdouble * v);
extern void glVertex4f(GLfloat x, GLfloat y, GLfloat z, GLfloat
```

```
w);
extern void glVertex4fv(const GLfloat * v);
extern void glVertex4i(GLint x, GLint y, GLint z, GLint w);
extern void glVertex4iv(const GLint * v);
extern void glVertex4s(GLshort x, GLshort y, GLshort z, GLshort
w);
extern void glVertex4sv(const GLshort * v);
extern void glVertexPointer(GLint size, GLenum type, GLsizei
stride,
                            const GLvoid * pointer);
extern void glViewport(GLint x, GLint y, GLsizei width, GLsizei
height);
```

7.2.2 GL/glext.h

```
#define GLEXT_64_TYPES_DEFINED
#define GL_FOG_COORD_ARRAY_BUFFER_BINDING        \
        GL_FOG_COORDINATE_ARRAY_BUFFER_BINDING
#define GL_2X_BIT_ATI   0x00000001
#define GL_RED_BIT_ATI  0x00000001
#define GL_4X_BIT_ATI   0x00000002
#define GL_COMP_BIT_ATI 0x00000002
#define GL_GREEN_BIT_ATI        0x00000002
#define GL_8X_BIT_ATI   0x00000004
#define GL_BLUE_BIT_ATI 0x00000004
#define GL_NEGATE_BIT_ATI       0x00000004
#define GL_VERTEX23_BIT_PGI     0x00000004
#define GL_BIAS_BIT_ATI 0x00000008
#define GL_HALF_BIT_ATI 0x00000008
#define GL_VERTEX4_BIT_PGI      0x00000008
#define GL_QUARTER_BIT_ATI      0x00000010
#define GL_EIGHTH_BIT_ATI       0x00000020
#define GL_SATURATE_BIT_ATI     0x00000040
#define GL_RESTART_SUN  0x0001
#define GL_COLOR3_BIT_PGI       0x00010000
#define GL_REPLACE_MIDDLE_SUN   0x0002
#define GL_COLOR4_BIT_PGI       0x00020000
#define GL_REPLACE_OLDEST_SUN   0x0003
#define GL_EDGEFLAG_BIT_PGI     0x00040000
#define GL_INDEX_BIT_PGI        0x00080000
#define GL_MAT_AMBIENT_BIT_PGI  0x00100000
#define GL_MAT_AMBIENT_AND_DIFFUSE_BIT_PGI      0x00200000
#define GL_MAT_DIFFUSE_BIT_PGI  0x00400000
#define GL_MAT_EMISSION_BIT_PGI 0x00800000
#define GL_MAT_COLOR_INDEXES_BIT_PGI    0x01000000
#define GL_MAT_SHININESS_BIT_PGI        0x02000000
#define GL_MAT_SPECULAR_BIT_PGI 0x04000000
#define GL_INVALID_FRAMEBUFFER_OPERATION_EXT    0x0506
#define GL_NORMAL_BIT_PGI       0x08000000
#define GL_TEXCOORD1_BIT_PGI    0x10000000
#define GL_HALF_FLOAT_ARB       0x140B
#define GL_MODELVIEW0_ARB       0x1700
#define GL_RASTER_POSITION_UNCLIPPED_IBM        0x19262
#define GL_PREFER_DOUBLEBUFFER_HINT_PGI 0x1A1F8
#define GL_CONSERVE_MEMORY_HINT_PGI     0x1A1FD
#define GL_RECLAIM_MEMORY_HINT_PGI      0x1A1FE
#define GL_NATIVE_GRAPHICS_HANDLE_PGI   0x1A202
#define GL_NATIVE_GRAPHICS_BEGIN_HINT_PGI       0x1A203
#define GL_NATIVE_GRAPHICS_END_HINT_PGI 0x1A204
#define GL_ALWAYS_FAST_HINT_PGI 0x1A20C
#define GL_ALWAYS_SOFT_HINT_PGI 0x1A20D
#define GL_ALLOW_DRAW_OBJ_HINT_PGI      0x1A20E
#define GL_ALLOW_DRAW_WIN_HINT_PGI      0x1A20F
#define GL_ALLOW_DRAW_FRG_HINT_PGI      0x1A210
```

```
#define GL_ALLOW_DRAW_MEM_HINT_PGI      0x1A211
#define GL_STRICT_DEPTHFUNC_HINT_PGI    0x1A216
#define GL_STRICT_LIGHTING_HINT_PGI     0x1A217
#define GL_STRICT_SCISSOR_HINT_PGI      0x1A218
#define GL_FULL_STIPPLE_HINT_PGI        0x1A219
#define GL_CLIP_NEAR_HINT_PGI   0x1A220
#define GL_CLIP_FAR_HINT_PGI    0x1A221
#define GL_WIDE_LINE_HINT_PGI   0x1A222
#define GL_BACK_NORMALS_HINT_PGI        0x1A223
#define GL_VERTEX_DATA_HINT_PGI 0x1A22A
#define GL_VERTEX_CONSISTENT_HINT_PGI   0x1A22B
#define GL_MATERIAL_SIDE_HINT_PGI       0x1A22C
#define GL_MAX_VERTEX_HINT_PGI  0x1A22D
#define GL_MULTISAMPLE_BIT_3DFX 0x20000000
#define GL_MULTISAMPLE_BIT_ARB  0x20000000
#define GL_MULTISAMPLE_BIT_EXT  0x20000000
#define GL_TEXCOORD2_BIT_PGI    0x20000000
#define GL_TEXCOORD3_BIT_PGI    0x40000000
#define GL_ABGR_EXT     0x8000
#define GL_TEXCOORD4_BIT_PGI    0x80000000
#define GL_CONSTANT_COLOR_EXT   0x8001
#define GL_ONE_MINUS_CONSTANT_COLOR_EXT 0x8002
#define GL_CONSTANT_ALPHA_EXT   0x8003
#define GL_ONE_MINUS_CONSTANT_ALPHA_EXT 0x8004
#define GL_BLEND_COLOR_EXT      0x8005
#define GL_FUNC_ADD_EXT 0x8006
#define GL_MIN_EXT      0x8007
#define GL_MAX_EXT      0x8008
#define GL_BLEND_EQUATION_EXT   0x8009
#define GL_FUNC_SUBTRACT_EXT    0x800A
#define GL_FUNC_REVERSE_SUBTRACT_EXT    0x800B
#define GL_CMYK_EXT     0x800C
#define GL_CMYKA_EXT    0x800D
#define GL_PACK_CMYK_HINT_EXT   0x800E
#define GL_UNPACK_CMYK_HINT_EXT 0x800F
#define GL_CONVOLUTION_1D_EXT   0x8010
#define GL_CONVOLUTION_2D_EXT   0x8011
#define GL_SEPARABLE_2D_EXT     0x8012
#define GL_CONVOLUTION_BORDER_MODE_EXT  0x8013
#define GL_CONVOLUTION_FILTER_SCALE_EXT 0x8014
#define GL_CONVOLUTION_FILTER_BIAS_EXT  0x8015
#define GL_REDUCE_EXT   0x8016
#define GL_CONVOLUTION_FORMAT_EXT       0x8017
#define GL_CONVOLUTION_WIDTH_EXT        0x8018
#define GL_CONVOLUTION_HEIGHT_EXT       0x8019
#define GL_MAX_CONVOLUTION_WIDTH_EXT    0x801A
#define GL_MAX_CONVOLUTION_HEIGHT_EXT   0x801B
#define GL_POST_CONVOLUTION_RED_SCALE_EXT       0x801C
#define GL_POST_CONVOLUTION_GREEN_SCALE_EXT     0x801D
#define GL_POST_CONVOLUTION_BLUE_SCALE_EXT      0x801E
#define GL_POST_CONVOLUTION_ALPHA_SCALE_EXT     0x801F
#define GL_POST_CONVOLUTION_RED_BIAS_EXT        0x8020
#define GL_POST_CONVOLUTION_GREEN_BIAS_EXT      0x8021
#define GL_POST_CONVOLUTION_BLUE_BIAS_EXT       0x8022
#define GL_POST_CONVOLUTION_ALPHA_BIAS_EXT      0x8023
#define GL_HISTOGRAM_EXT        0x8024
#define GL_PROXY_HISTOGRAM_EXT  0x8025
#define GL_HISTOGRAM_WIDTH_EXT  0x8026
#define GL_HISTOGRAM_FORMAT_EXT 0x8027
#define GL_HISTOGRAM_RED_SIZE_EXT       0x8028
#define GL_HISTOGRAM_GREEN_SIZE_EXT     0x8029
#define GL_HISTOGRAM_BLUE_SIZE_EXT      0x802A
#define GL_HISTOGRAM_ALPHA_SIZE_EXT     0x802B
#define GL_HISTOGRAM_LUMINANCE_SIZE_EXT 0x802C
#define GL_HISTOGRAM_SINK_EXT   0x802D
#define GL_MINMAX_EXT   0x802E
```

```
#define GL_MINMAX_FORMAT_EXT    0x802F
#define GL_MINMAX_SINK_EXT      0x8030
#define GL_TABLE_TOO_LARGE_EXT  0x8031
#define GL_UNSIGNED_BYTE_3_3_2_EXT      0x8032
#define GL_UNSIGNED_SHORT_4_4_4_4_EXT   0x8033
#define GL_UNSIGNED_SHORT_5_5_5_1_EXT   0x8034
#define GL_UNSIGNED_INT_8_8_8_8_EXT     0x8035
#define GL_UNSIGNED_INT_10_10_10_2_EXT  0x8036
#define GL_POLYGON_OFFSET_EXT   0x8037
#define GL_POLYGON_OFFSET_FACTOR_EXT    0x8038
#define GL_POLYGON_OFFSET_BIAS_EXT      0x8039
#define GL_RESCALE_NORMAL_EXT   0x803A
#define GL_ALPHA4_EXT   0x803B
#define GL_ALPHA8_EXT   0x803C
#define GL_ALPHA12_EXT  0x803D
#define GL_ALPHA16_EXT  0x803E
#define GL_LUMINANCE4_EXT       0x803F
#define GL_LUMINANCE8_EXT       0x8040
#define GL_LUMINANCE12_EXT      0x8041
#define GL_LUMINANCE16_EXT      0x8042
#define GL_LUMINANCE4_ALPHA4_EXT        0x8043
#define GL_LUMINANCE6_ALPHA2_EXT        0x8044
#define GL_LUMINANCE8_ALPHA8_EXT        0x8045
#define GL_LUMINANCE12_ALPHA4_EXT       0x8046
#define GL_LUMINANCE12_ALPHA12_EXT      0x8047
#define GL_LUMINANCE16_ALPHA16_EXT      0x8048
#define GL_INTENSITY_EXT        0x8049
#define GL_INTENSITY4_EXT       0x804A
#define GL_INTENSITY8_EXT       0x804B
#define GL_INTENSITY12_EXT      0x804C
#define GL_INTENSITY16_EXT      0x804D
#define GL_RGB2_EXT     0x804E
#define GL_RGB4_EXT     0x804F
#define GL_RGB5_EXT     0x8050
#define GL_RGB8_EXT     0x8051
#define GL_RGB10_EXT    0x8052
#define GL_RGB12_EXT    0x8053
#define GL_RGB16_EXT    0x8054
#define GL_RGBA2_EXT    0x8055
#define GL_RGBA4_EXT    0x8056
#define GL_RGB5_A1_EXT  0x8057
#define GL_RGBA8_EXT    0x8058
#define GL_RGB10_A2_EXT 0x8059
#define GL_RGBA12_EXT   0x805A
#define GL_RGBA16_EXT   0x805B
#define GL_TEXTURE_RED_SIZE_EXT 0x805C
#define GL_TEXTURE_GREEN_SIZE_EXT       0x805D
#define GL_TEXTURE_BLUE_SIZE_EXT        0x805E
#define GL_TEXTURE_ALPHA_SIZE_EXT       0x805F
#define GL_TEXTURE_LUMINANCE_SIZE_EXT   0x8060
#define GL_TEXTURE_INTENSITY_SIZE_EXT   0x8061
#define GL_REPLACE_EXT  0x8062
#define GL_PROXY_TEXTURE_1D_EXT 0x8063
#define GL_PROXY_TEXTURE_2D_EXT 0x8064
#define GL_TEXTURE_TOO_LARGE_EXT        0x8065
#define GL_TEXTURE_PRIORITY_EXT 0x8066
#define GL_TEXTURE_RESIDENT_EXT 0x8067
#define GL_TEXTURE_1D_BINDING_EXT       0x8068
#define GL_TEXTURE_2D_BINDING_EXT       0x8069
#define GL_TEXTURE_3D_BINDING_EXT       0x806A
#define GL_PACK_SKIP_IMAGES_EXT 0x806B
#define GL_PACK_IMAGE_HEIGHT_EXT        0x806C
#define GL_UNPACK_SKIP_IMAGES_EXT       0x806D
#define GL_UNPACK_IMAGE_HEIGHT_EXT      0x806E
#define GL_TEXTURE_3D_EXT       0x806F
#define GL_PROXY_TEXTURE_3D_EXT 0x8070
```

© 2008 Linux Foundation

```
#define GL_TEXTURE_DEPTH_EXT    0x8071
#define GL_TEXTURE_WRAP_R_EXT   0x8072
#define GL_MAX_3D_TEXTURE_SIZE_EXT      0x8073
#define GL_VERTEX_ARRAY_EXT     0x8074
#define GL_NORMAL_ARRAY_EXT     0x8075
#define GL_COLOR_ARRAY_EXT      0x8076
#define GL_INDEX_ARRAY_EXT      0x8077
#define GL_TEXTURE_COORD_ARRAY_EXT      0x8078
#define GL_EDGE_FLAG_ARRAY_EXT  0x8079
#define GL_VERTEX_ARRAY_SIZE_EXT        0x807A
#define GL_VERTEX_ARRAY_TYPE_EXT        0x807B
#define GL_VERTEX_ARRAY_STRIDE_EXT      0x807C
#define GL_VERTEX_ARRAY_COUNT_EXT       0x807D
#define GL_NORMAL_ARRAY_TYPE_EXT        0x807E
#define GL_NORMAL_ARRAY_STRIDE_EXT      0x807F
#define GL_NORMAL_ARRAY_COUNT_EXT       0x8080
#define GL_COLOR_ARRAY_SIZE_EXT 0x8081
#define GL_COLOR_ARRAY_TYPE_EXT 0x8082
#define GL_COLOR_ARRAY_STRIDE_EXT       0x8083
#define GL_COLOR_ARRAY_COUNT_EXT        0x8084
#define GL_INDEX_ARRAY_TYPE_EXT 0x8085
#define GL_INDEX_ARRAY_STRIDE_EXT       0x8086
#define GL_INDEX_ARRAY_COUNT_EXT        0x8087
#define GL_TEXTURE_COORD_ARRAY_SIZE_EXT 0x8088
#define GL_TEXTURE_COORD_ARRAY_TYPE_EXT 0x8089
#define GL_TEXTURE_COORD_ARRAY_STRIDE_EXT       0x808A
#define GL_TEXTURE_COORD_ARRAY_COUNT_EXT        0x808B
#define GL_EDGE_FLAG_ARRAY_STRIDE_EXT   0x808C
#define GL_EDGE_FLAG_ARRAY_COUNT_EXT    0x808D
#define GL_VERTEX_ARRAY_POINTER_EXT     0x808E
#define GL_NORMAL_ARRAY_POINTER_EXT     0x808F
#define GL_COLOR_ARRAY_POINTER_EXT      0x8090
#define GL_INDEX_ARRAY_POINTER_EXT      0x8091
#define GL_TEXTURE_COORD_ARRAY_POINTER_EXT      0x8092
#define GL_EDGE_FLAG_ARRAY_POINTER_EXT  0x8093
#define GL_MULTISAMPLE_ARB      0x809D
#define GL_MULTISAMPLE_EXT      0x809D
#define GL_SAMPLE_ALPHA_TO_COVERAGE_ARB 0x809E
#define GL_SAMPLE_ALPHA_TO_MASK_EXT     0x809E
#define GL_SAMPLE_ALPHA_TO_ONE_ARB      0x809F
#define GL_SAMPLE_ALPHA_TO_ONE_EXT      0x809F
#define GL_SAMPLE_COVERAGE_ARB  0x80A0
#define GL_SAMPLE_MASK_EXT      0x80A0
#define GL_1PASS_EXT    0x80A1
#define GL_2PASS_0_EXT  0x80A2
#define GL_2PASS_1_EXT  0x80A3
#define GL_4PASS_0_EXT  0x80A4
#define GL_4PASS_1_EXT  0x80A5
#define GL_4PASS_2_EXT  0x80A6
#define GL_4PASS_3_EXT  0x80A7
#define GL_SAMPLE_BUFFERS_ARB   0x80A8
#define GL_SAMPLE_BUFFERS_EXT   0x80A8
#define GL_SAMPLES_ARB  0x80A9
#define GL_SAMPLES_EXT  0x80A9
#define GL_SAMPLE_COVERAGE_VALUE_ARB    0x80AA
#define GL_SAMPLE_MASK_VALUE_EXT        0x80AA
#define GL_SAMPLE_COVERAGE_INVERT_ARB   0x80AB
#define GL_SAMPLE_MASK_INVERT_EXT       0x80AB
#define GL_SAMPLE_PATTERN_EXT   0x80AC
#define GL_TEXTURE_COMPARE_FAIL_VALUE_ARB       0x80BF
#define GL_BLEND_DST_RGB        0x80C8
#define GL_BLEND_DST_RGB_EXT    0x80C8
#define GL_BLEND_SRC_RGB        0x80C9
#define GL_BLEND_SRC_RGB_EXT    0x80C9
#define GL_BLEND_DST_ALPHA      0x80CA
#define GL_BLEND_DST_ALPHA_EXT  0x80CA
```

```
#define GL_BLEND_SRC_ALPHA      0x80CB
#define GL_BLEND_SRC_ALPHA_EXT  0x80CB
#define GL_422_EXT      0x80CC
#define GL_422_REV_EXT  0x80CD
#define GL_422_AVERAGE_EXT      0x80CE
#define GL_422_REV_AVERAGE_EXT  0x80CF
#define GL_BGR_EXT      0x80E0
#define GL_BGRA_EXT     0x80E1
#define GL_COLOR_INDEX1_EXT     0x80E2
#define GL_COLOR_INDEX2_EXT     0x80E3
#define GL_COLOR_INDEX4_EXT     0x80E4
#define GL_COLOR_INDEX8_EXT     0x80E5
#define GL_COLOR_INDEX12_EXT    0x80E6
#define GL_COLOR_INDEX16_EXT    0x80E7
#define GL_MAX_ELEMENTS_VERTICES_EXT    0x80E8
#define GL_MAX_ELEMENTS_INDICES_EXT     0x80E9
#define GL_PHONG_WIN    0x80EA
#define GL_PHONG_HINT_WIN       0x80EB
#define GL_FOG_SPECULAR_TEXTURE_WIN     0x80EC
#define GL_TEXTURE_INDEX_SIZE_EXT       0x80ED
#define GL_CLIP_VOLUME_CLIPPING_HINT_EXT        0x80F0
#define GL_POINT_SIZE_MIN       0x8126
#define GL_POINT_SIZE_MIN_ARB   0x8126
#define GL_POINT_SIZE_MIN_EXT   0x8126
#define GL_POINT_SIZE_MAX       0x8127
#define GL_POINT_SIZE_MAX_ARB   0x8127
#define GL_POINT_SIZE_MAX_EXT   0x8127
#define GL_POINT_FADE_THRESHOLD_SIZE    0x8128
#define GL_POINT_FADE_THRESHOLD_SIZE_ARB        0x8128
#define GL_POINT_FADE_THRESHOLD_SIZE_EXT        0x8128
#define GL_DISTANCE_ATTENUATION_EXT     0x8129
#define GL_POINT_DISTANCE_ATTENUATION   0x8129
#define GL_POINT_DISTANCE_ATTENUATION_ARB       0x8129
#define GL_CLAMP_TO_BORDER_ARB  0x812D
#define GL_IGNORE_BORDER_HP     0x8150
#define GL_CONSTANT_BORDER_HP   0x8151
#define GL_REPLICATE_BORDER_HP  0x8153
#define GL_CONVOLUTION_BORDER_COLOR_HP  0x8154
#define GL_IMAGE_SCALE_X_HP     0x8155
#define GL_IMAGE_SCALE_Y_HP     0x8156
#define GL_IMAGE_TRANSLATE_X_HP 0x8157
#define GL_IMAGE_TRANSLATE_Y_HP 0x8158
#define GL_IMAGE_ROTATE_ANGLE_HP        0x8159
#define GL_IMAGE_ROTATE_ORIGIN_X_HP     0x815A
#define GL_IMAGE_ROTATE_ORIGIN_Y_HP     0x815B
#define GL_IMAGE_MAG_FILTER_HP  0x815C
#define GL_IMAGE_MIN_FILTER_HP  0x815D
#define GL_IMAGE_CUBIC_WEIGHT_HP        0x815E
#define GL_CUBIC_HP     0x815F
#define GL_AVERAGE_HP   0x8160
#define GL_IMAGE_TRANSFORM_2D_HP        0x8161
#define GL_POST_IMAGE_TRANSFORM_COLOR_TABLE_HP  0x8162
#define GL_PROXY_POST_IMAGE_TRANSFORM_COLOR_TABLE_HP    0x8163
#define GL_OCCLUSION_TEST_HP    0x8165
#define GL_OCCLUSION_TEST_RESULT_HP     0x8166
#define GL_TEXTURE_LIGHTING_MODE_HP     0x8167
#define GL_TEXTURE_POST_SPECULAR_HP     0x8168
#define GL_TEXTURE_PRE_SPECULAR_HP      0x8169
#define GL_GENERATE_MIPMAP      0x8191
#define GL_GENERATE_MIPMAP_HINT 0x8192
#define GL_DEPTH_COMPONENT16    0x81A5
#define GL_DEPTH_COMPONENT16_ARB        0x81A5
#define GL_DEPTH_COMPONENT24    0x81A6
#define GL_DEPTH_COMPONENT24_ARB        0x81A6
#define GL_DEPTH_COMPONENT32    0x81A7
#define GL_DEPTH_COMPONENT32_ARB        0x81A7
```

© 2008 Linux Foundation

```
#define GL_ARRAY_ELEMENT_LOCK_FIRST_EXT 0x81A8
#define GL_ARRAY_ELEMENT_LOCK_COUNT_EXT 0x81A9
#define GL_CULL_VERTEX_EXT      0x81AA
#define GL_CULL_VERTEX_EYE_POSITION_EXT 0x81AB
#define GL_CULL_VERTEX_OBJECT_POSITION_EXT      0x81AC
#define GL_IUI_V2F_EXT  0x81AD
#define GL_IUI_V3F_EXT  0x81AE
#define GL_IUI_N3F_V2F_EXT      0x81AF
#define GL_IUI_N3F_V3F_EXT      0x81B0
#define GL_T2F_IUI_V2F_EXT      0x81B1
#define GL_T2F_IUI_V3F_EXT      0x81B2
#define GL_T2F_IUI_N3F_V2F_EXT  0x81B3
#define GL_T2F_IUI_N3F_V3F_EXT  0x81B4
#define GL_INDEX_TEST_EXT       0x81B5
#define GL_INDEX_TEST_FUNC_EXT  0x81B6
#define GL_INDEX_TEST_REF_EXT   0x81B7
#define GL_INDEX_MATERIAL_EXT   0x81B8
#define GL_INDEX_MATERIAL_PARAMETER_EXT 0x81B9
#define GL_INDEX_MATERIAL_FACE_EXT      0x81BA
#define GL_WRAP_BORDER_SUN      0x81D4
#define GL_UNPACK_CONSTANT_DATA_SUNX    0x81D5
#define GL_TEXTURE_CONSTANT_DATA_SUNX   0x81D6
#define GL_TRIANGLE_LIST_SUN    0x81D7
#define GL_REPLACEMENT_CODE_SUN 0x81D8
#define GL_GLOBAL_ALPHA_SUN     0x81D9
#define GL_GLOBAL_ALPHA_FACTOR_SUN      0x81DA
#define GL_LIGHT_MODEL_COLOR_CONTROL_EXT        0x81F8
#define GL_SINGLE_COLOR_EXT     0x81F9
#define GL_SEPARATE_SPECULAR_COLOR_EXT  0x81FA
#define GL_SHARED_TEXTURE_PALETTE_EXT   0x81FB
#define GL_TEXT_FRAGMENT_SHADER_ATI     0x8200
#define GL_PIXEL_TRANSFORM_2D_EXT       0x8330
#define GL_PIXEL_MAG_FILTER_EXT 0x8331
#define GL_PIXEL_MIN_FILTER_EXT 0x8332
#define GL_PIXEL_CUBIC_WEIGHT_EXT       0x8333
#define GL_CUBIC_EXT    0x8334
#define GL_AVERAGE_EXT  0x8335
#define GL_PIXEL_TRANSFORM_2D_STACK_DEPTH_EXT   0x8336
#define GL_MAX_PIXEL_TRANSFORM_2D_STACK_DEPTH_EXT       0x8337
#define GL_PIXEL_TRANSFORM_2D_MATRIX_EXT        0x8338
#define GL_FRAGMENT_MATERIAL_EXT        0x8349
#define GL_FRAGMENT_NORMAL_EXT  0x834A
#define GL_FRAGMENT_COLOR_EXT   0x834C
#define GL_ATTENUATION_EXT      0x834D
#define GL_SHADOW_ATTENUATION_EXT       0x834E
#define GL_TEXTURE_APPLICATION_MODE_EXT 0x834F
#define GL_TEXTURE_LIGHT_EXT    0x8350
#define GL_TEXTURE_MATERIAL_FACE_EXT    0x8351
#define GL_TEXTURE_MATERIAL_PARAMETER_EXT       0x8352
#define GL_MIRRORED_REPEAT      0x8370
#define GL_MIRRORED_REPEAT_ARB  0x8370
#define GL_MIRRORED_REPEAT_IBM  0x8370
#define GL_RGB_S3TC     0x83A0
#define GL_RGB4_S3TC    0x83A1
#define GL_RGBA_S3TC    0x83A2
#define GL_RGBA4_S3TC   0x83A3
#define GL_COMPRESSED_RGB_S3TC_DXT1_EXT 0x83F0
#define GL_COMPRESSED_RGBA_S3TC_DXT1_EXT        0x83F1
#define GL_COMPRESSED_RGBA_S3TC_DXT3_EXT        0x83F2
#define GL_COMPRESSED_RGBA_S3TC_DXT5_EXT        0x83F3
#define GL_PARALLEL_ARRAYS_INTEL        0x83F4
#define GL_VERTEX_ARRAY_PARALLEL_POINTERS_INTEL 0x83F5
#define GL_NORMAL_ARRAY_PARALLEL_POINTERS_INTEL 0x83F6
#define GL_COLOR_ARRAY_PARALLEL_POINTERS_INTEL  0x83F7
#define GL_TEXTURE_COORD_ARRAY_PARALLEL_POINTERS_INTEL  0x83F8
#define GL_TANGENT_ARRAY_EXT    0x8439
```

```
#define GL_BINORMAL_ARRAY_EXT   0x843A
#define GL_CURRENT_TANGENT_EXT  0x843B
#define GL_CURRENT_BINORMAL_EXT 0x843C
#define GL_TANGENT_ARRAY_TYPE_EXT       0x843E
#define GL_TANGENT_ARRAY_STRIDE_EXT     0x843F
#define GL_BINORMAL_ARRAY_TYPE_EXT      0x8440
#define GL_BINORMAL_ARRAY_STRIDE_EXT    0x8441
#define GL_TANGENT_ARRAY_POINTER_EXT    0x8442
#define GL_BINORMAL_ARRAY_POINTER_EXT   0x8443
#define GL_MAP1_TANGENT_EXT     0x8444
#define GL_MAP2_TANGENT_EXT     0x8445
#define GL_MAP1_BINORMAL_EXT    0x8446
#define GL_MAP2_BINORMAL_EXT    0x8447
#define GL_FOG_COORDINATE_SOURCE        0x8450
#define GL_FOG_COORDINATE_SOURCE_EXT    0x8450
#define GL_FOG_COORDINATE       0x8451
#define GL_FOG_COORDINATE_EXT   0x8451
#define GL_FRAGMENT_DEPTH       0x8452
#define GL_FRAGMENT_DEPTH_EXT   0x8452
#define GL_CURRENT_FOG_COORDINATE       0x8453
#define GL_CURRENT_FOG_COORDINATE_EXT   0x8453
#define GL_FOG_COORDINATE_ARRAY_TYPE    0x8454
#define GL_FOG_COORDINATE_ARRAY_TYPE_EXT        0x8454
#define GL_FOG_COORDINATE_ARRAY_STRIDE  0x8455
#define GL_FOG_COORDINATE_ARRAY_STRIDE_EXT      0x8455
#define GL_FOG_COORDINATE_ARRAY_POINTER 0x8456
#define GL_FOG_COORDINATE_ARRAY_POINTER_EXT     0x8456
#define GL_FOG_COORDINATE_ARRAY 0x8457
#define GL_FOG_COORDINATE_ARRAY_EXT     0x8457
#define GL_COLOR_SUM    0x8458
#define GL_COLOR_SUM_ARB        0x8458
#define GL_COLOR_SUM_EXT        0x8458
#define GL_CURRENT_SECONDARY_COLOR      0x8459
#define GL_CURRENT_SECONDARY_COLOR_EXT  0x8459
#define GL_SECONDARY_COLOR_ARRAY_SIZE   0x845A
#define GL_SECONDARY_COLOR_ARRAY_SIZE_EXT       0x845A
#define GL_SECONDARY_COLOR_ARRAY_TYPE   0x845B
#define GL_SECONDARY_COLOR_ARRAY_TYPE_EXT       0x845B
#define GL_SECONDARY_COLOR_ARRAY_STRIDE 0x845C
#define GL_SECONDARY_COLOR_ARRAY_STRIDE_EXT     0x845C
#define GL_SECONDARY_COLOR_ARRAY_POINTER        0x845D
#define GL_SECONDARY_COLOR_ARRAY_POINTER_EXT    0x845D
#define GL_SECONDARY_COLOR_ARRAY        0x845E
#define GL_SECONDARY_COLOR_ARRAY_EXT    0x845E
#define GL_SCREEN_COORDINATES_REND      0x8490
#define GL_INVERTED_SCREEN_W_REND       0x8491
#define GL_TRANSPOSE_MODELVIEW_MATRIX_ARB       0x84E3
#define GL_TRANSPOSE_PROJECTION_MATRIX_ARB      0x84E4
#define GL_TRANSPOSE_TEXTURE_MATRIX_ARB 0x84E5
#define GL_TRANSPOSE_COLOR_MATRIX_ARB   0x84E6
#define GL_SUBTRACT_ARB 0x84E7
#define GL_MAX_RENDERBUFFER_SIZE_EXT    0x84E8
#define GL_COMPRESSED_ALPHA_ARB 0x84E9
#define GL_COMPRESSED_LUMINANCE_ARB     0x84EA
#define GL_COMPRESSED_LUMINANCE_ALPHA_ARB       0x84EB
#define GL_COMPRESSED_INTENSITY_ARB     0x84EC
#define GL_COMPRESSED_RGB_ARB   0x84ED
#define GL_COMPRESSED_RGBA_ARB  0x84EE
#define GL_TEXTURE_COMPRESSION_HINT_ARB 0x84EF
#define GL_TEXTURE_RECTANGLE_ARB        0x84F5
#define GL_TEXTURE_BINDING_RECTANGLE_ARB        0x84F6
#define GL_PROXY_TEXTURE_RECTANGLE_ARB  0x84F7
#define GL_MAX_RECTANGLE_TEXTURE_SIZE_ARB       0x84F8
#define GL_MAX_TEXTURE_LOD_BIAS 0x84FD
#define GL_MAX_TEXTURE_LOD_BIAS_EXT     0x84FD
#define GL_TEXTURE_MAX_ANISOTROPY_EXT   0x84FE
```

© 2008 Linux Foundation

```
#define GL_MAX_TEXTURE_MAX_ANISOTROPY_EXT       0x84FF
#define GL_TEXTURE_FILTER_CONTROL       0x8500
#define GL_TEXTURE_FILTER_CONTROL_EXT   0x8500
#define GL_TEXTURE_LOD_BIAS     0x8501
#define GL_TEXTURE_LOD_BIAS_EXT 0x8501
#define GL_MODELVIEW1_STACK_DEPTH_EXT   0x8502
#define GL_MODELVIEW1_MATRIX_EXT        0x8506
#define GL_INCR_WRAP    0x8507
#define GL_INCR_WRAP_EXT        0x8507
#define GL_DECR_WRAP    0x8508
#define GL_DECR_WRAP_EXT        0x8508
#define GL_VERTEX_WEIGHTING_EXT 0x8509
#define GL_MODELVIEW1_ARB       0x850A
#define GL_MODELVIEW1_EXT       0x850A
#define GL_CURRENT_VERTEX_WEIGHT_EXT    0x850B
#define GL_VERTEX_WEIGHT_ARRAY_EXT      0x850C
#define GL_VERTEX_WEIGHT_ARRAY_SIZE_EXT 0x850D
#define GL_VERTEX_WEIGHT_ARRAY_TYPE_EXT 0x850E
#define GL_VERTEX_WEIGHT_ARRAY_STRIDE_EXT       0x850F
#define GL_VERTEX_WEIGHT_ARRAY_POINTER_EXT      0x8510
#define GL_NORMAL_MAP_ARB       0x8511
#define GL_NORMAL_MAP_EXT       0x8511
#define GL_REFLECTION_MAP_ARB   0x8512
#define GL_REFLECTION_MAP_EXT   0x8512
#define GL_TEXTURE_CUBE_MAP_ARB 0x8513
#define GL_TEXTURE_CUBE_MAP_EXT 0x8513
#define GL_TEXTURE_BINDING_CUBE_MAP_ARB 0x8514
#define GL_TEXTURE_BINDING_CUBE_MAP_EXT 0x8514
#define GL_TEXTURE_CUBE_MAP_POSITIVE_X_ARB      0x8515
#define GL_TEXTURE_CUBE_MAP_POSITIVE_X_EXT      0x8515
#define GL_TEXTURE_CUBE_MAP_NEGATIVE_X_ARB      0x8516
#define GL_TEXTURE_CUBE_MAP_NEGATIVE_X_EXT      0x8516
#define GL_TEXTURE_CUBE_MAP_POSITIVE_Y_ARB      0x8517
#define GL_TEXTURE_CUBE_MAP_POSITIVE_Y_EXT      0x8517
#define GL_TEXTURE_CUBE_MAP_NEGATIVE_Y_ARB      0x8518
#define GL_TEXTURE_CUBE_MAP_NEGATIVE_Y_EXT      0x8518
#define GL_TEXTURE_CUBE_MAP_POSITIVE_Z_ARB      0x8519
#define GL_TEXTURE_CUBE_MAP_POSITIVE_Z_EXT      0x8519
#define GL_TEXTURE_CUBE_MAP_NEGATIVE_Z_ARB      0x851A
#define GL_TEXTURE_CUBE_MAP_NEGATIVE_Z_EXT      0x851A
#define GL_PROXY_TEXTURE_CUBE_MAP_ARB   0x851B
#define GL_PROXY_TEXTURE_CUBE_MAP_EXT   0x851B
#define GL_MAX_CUBE_MAP_TEXTURE_SIZE_ARB        0x851C
#define GL_MAX_CUBE_MAP_TEXTURE_SIZE_EXT        0x851C
#define GL_RED_MIN_CLAMP_INGR   0x8560
#define GL_GREEN_MIN_CLAMP_INGR 0x8561
#define GL_BLUE_MIN_CLAMP_INGR  0x8562
#define GL_ALPHA_MIN_CLAMP_INGR 0x8563
#define GL_RED_MAX_CLAMP_INGR   0x8564
#define GL_GREEN_MAX_CLAMP_INGR 0x8565
#define GL_BLUE_MAX_CLAMP_INGR  0x8566
#define GL_ALPHA_MAX_CLAMP_INGR 0x8567
#define GL_INTERLACE_READ_INGR  0x8568
#define GL_COMBINE_ARB  0x8570
#define GL_COMBINE_EXT  0x8570
#define GL_COMBINE_RGB_ARB      0x8571
#define GL_COMBINE_RGB_EXT      0x8571
#define GL_COMBINE_ALPHA_ARB    0x8572
#define GL_COMBINE_ALPHA_EXT    0x8572
#define GL_RGB_SCALE_ARB        0x8573
#define GL_RGB_SCALE_EXT        0x8573
#define GL_ADD_SIGNED_ARB       0x8574
#define GL_ADD_SIGNED_EXT       0x8574
#define GL_INTERPOLATE_ARB      0x8575
#define GL_INTERPOLATE_EXT      0x8575
#define GL_CONSTANT_ARB 0x8576
```

```
#define GL_CONSTANT_EXT 0x8576
#define GL_PRIMARY_COLOR_ARB    0x8577
#define GL_PRIMARY_COLOR_EXT    0x8577
#define GL_PREVIOUS_ARB 0x8578
#define GL_PREVIOUS_EXT 0x8578
#define GL_SOURCE0_RGB_ARB      0x8580
#define GL_SOURCE0_RGB_EXT      0x8580
#define GL_SOURCE1_RGB_ARB      0x8581
#define GL_SOURCE1_RGB_EXT      0x8581
#define GL_SOURCE2_RGB_ARB      0x8582
#define GL_SOURCE2_RGB_EXT      0x8582
#define GL_SOURCE0_ALPHA_ARB    0x8588
#define GL_SOURCE0_ALPHA_EXT    0x8588
#define GL_SOURCE1_ALPHA_ARB    0x8589
#define GL_SOURCE1_ALPHA_EXT    0x8589
#define GL_SOURCE2_ALPHA_ARB    0x858A
#define GL_SOURCE2_ALPHA_EXT    0x858A
#define GL_OPERAND0_RGB_ARB     0x8590
#define GL_OPERAND0_RGB_EXT     0x8590
#define GL_OPERAND1_RGB_ARB     0x8591
#define GL_OPERAND1_RGB_EXT     0x8591
#define GL_OPERAND2_RGB_ARB     0x8592
#define GL_OPERAND2_RGB_EXT     0x8592
#define GL_OPERAND0_ALPHA_ARB   0x8598
#define GL_OPERAND0_ALPHA_EXT   0x8598
#define GL_OPERAND1_ALPHA_ARB   0x8599
#define GL_OPERAND1_ALPHA_EXT   0x8599
#define GL_OPERAND2_ALPHA_ARB   0x859A
#define GL_OPERAND2_ALPHA_EXT   0x859A
#define GL_PERTURB_EXT  0x85AE
#define GL_TEXTURE_NORMAL_EXT   0x85AF
#define GL_REPLACEMENT_CODE_ARRAY_SUN   0x85C0
#define GL_REPLACEMENT_CODE_ARRAY_TYPE_SUN      0x85C1
#define GL_REPLACEMENT_CODE_ARRAY_STRIDE_SUN    0x85C2
#define GL_REPLACEMENT_CODE_ARRAY_POINTER_SUN   0x85C3
#define GL_R1UI_V3F_SUN 0x85C4
#define GL_R1UI_C4UB_V3F_SUN    0x85C5
#define GL_R1UI_C3F_V3F_SUN     0x85C6
#define GL_R1UI_N3F_V3F_SUN     0x85C7
#define GL_R1UI_C4F_N3F_V3F_SUN 0x85C8
#define GL_R1UI_T2F_V3F_SUN     0x85C9
#define GL_R1UI_T2F_N3F_V3F_SUN 0x85CA
#define GL_R1UI_T2F_C4F_N3F_V3F_SUN     0x85CB
#define GL_SLICE_ACCUM_SUN      0x85CC
#define GL_QUAD_MESH_SUN        0x8614
#define GL_TRIANGLE_MESH_SUN    0x8615
#define GL_VERTEX_PROGRAM_ARB   0x8620
#define GL_VERTEX_ATTRIB_ARRAY_ENABLED  0x8622
#define GL_VERTEX_ATTRIB_ARRAY_ENABLED_ARB      0x8622
#define GL_VERTEX_ATTRIB_ARRAY_SIZE     0x8623
#define GL_VERTEX_ATTRIB_ARRAY_SIZE_ARB 0x8623
#define GL_VERTEX_ATTRIB_ARRAY_STRIDE   0x8624
#define GL_VERTEX_ATTRIB_ARRAY_STRIDE_ARB       0x8624
#define GL_VERTEX_ATTRIB_ARRAY_TYPE     0x8625
#define GL_VERTEX_ATTRIB_ARRAY_TYPE_ARB 0x8625
#define GL_CURRENT_VERTEX_ATTRIB        0x8626
#define GL_CURRENT_VERTEX_ATTRIB_ARB    0x8626
#define GL_PROGRAM_LENGTH_ARB   0x8627
#define GL_PROGRAM_STRING_ARB   0x8628
#define GL_MAX_PROGRAM_MATRIX_STACK_DEPTH_ARB   0x862E
#define GL_MAX_PROGRAM_MATRICES_ARB     0x862F
#define GL_CURRENT_MATRIX_STACK_DEPTH_ARB       0x8640
#define GL_CURRENT_MATRIX_ARB   0x8641
#define GL_VERTEX_PROGRAM_POINT_SIZE    0x8642
#define GL_VERTEX_PROGRAM_POINT_SIZE_ARB        0x8642
#define GL_VERTEX_PROGRAM_TWO_SIDE      0x8643
```

```
#define GL_VERTEX_PROGRAM_TWO_SIDE_ARB  0x8643
#define GL_VERTEX_ATTRIB_ARRAY_POINTER  0x8645
#define GL_VERTEX_ATTRIB_ARRAY_POINTER_ARB      0x8645
#define GL_PROGRAM_ERROR_POSITION_ARB   0x864B
#define GL_PROGRAM_BINDING_ARB  0x8677
#define GL_TEXTURE_COMPRESSED_IMAGE_SIZE_ARB    0x86A0
#define GL_TEXTURE_COMPRESSED_ARB       0x86A1
#define GL_NUM_COMPRESSED_TEXTURE_FORMATS_ARB   0x86A2
#define GL_COMPRESSED_TEXTURE_FORMATS_ARB       0x86A3
#define GL_MAX_VERTEX_UNITS_ARB 0x86A4
#define GL_ACTIVE_VERTEX_UNITS_ARB      0x86A5
#define GL_WEIGHT_SUM_UNITY_ARB 0x86A6
#define GL_VERTEX_BLEND_ARB     0x86A7
#define GL_CURRENT_WEIGHT_ARB   0x86A8
#define GL_WEIGHT_ARRAY_TYPE_ARB        0x86A9
#define GL_WEIGHT_ARRAY_STRIDE_ARB      0x86AA
#define GL_WEIGHT_ARRAY_SIZE_ARB        0x86AB
#define GL_WEIGHT_ARRAY_POINTER_ARB     0x86AC
#define GL_WEIGHT_ARRAY_ARB     0x86AD
#define GL_DOT3_RGB_ARB 0x86AE
#define GL_DOT3_RGBA_ARB        0x86AF
#define GL_COMPRESSED_RGB_FXT1_3DFX     0x86B0
#define GL_COMPRESSED_RGBA_FXT1_3DFX    0x86B1
#define GL_MULTISAMPLE_3DFX     0x86B2
#define GL_SAMPLE_BUFFERS_3DFX  0x86B3
#define GL_SAMPLES_3DFX 0x86B4
#define GL_MODELVIEW2_ARB       0x8722
#define GL_MODELVIEW3_ARB       0x8723
#define GL_MODELVIEW4_ARB       0x8724
#define GL_MODELVIEW5_ARB       0x8725
#define GL_MODELVIEW6_ARB       0x8726
#define GL_MODELVIEW7_ARB       0x8727
#define GL_MODELVIEW8_ARB       0x8728
#define GL_MODELVIEW9_ARB       0x8729
#define GL_MODELVIEW10_ARB      0x872A
#define GL_MODELVIEW11_ARB      0x872B
#define GL_MODELVIEW12_ARB      0x872C
#define GL_MODELVIEW13_ARB      0x872D
#define GL_MODELVIEW14_ARB      0x872E
#define GL_MODELVIEW15_ARB      0x872F
#define GL_MODELVIEW16_ARB      0x8730
#define GL_MODELVIEW17_ARB      0x8731
#define GL_MODELVIEW18_ARB      0x8732
#define GL_MODELVIEW19_ARB      0x8733
#define GL_MODELVIEW20_ARB      0x8734
#define GL_MODELVIEW21_ARB      0x8735
#define GL_MODELVIEW22_ARB      0x8736
#define GL_MODELVIEW23_ARB      0x8737
#define GL_MODELVIEW24_ARB      0x8738
#define GL_MODELVIEW25_ARB      0x8739
#define GL_MODELVIEW26_ARB      0x873A
#define GL_MODELVIEW27_ARB      0x873B
#define GL_MODELVIEW28_ARB      0x873C
#define GL_MODELVIEW29_ARB      0x873D
#define GL_MODELVIEW30_ARB      0x873E
#define GL_MODELVIEW31_ARB      0x873F
#define GL_DOT3_RGB_EXT 0x8740
#define GL_DOT3_RGBA_EXT        0x8741
#define GL_MIRROR_CLAMP_ATI     0x8742
#define GL_MIRROR_CLAMP_EXT     0x8742
#define GL_MIRROR_CLAMP_TO_EDGE_ATI     0x8743
#define GL_MIRROR_CLAMP_TO_EDGE_EXT     0x8743
#define GL_MODULATE_ADD_ATI     0x8744
#define GL_MODULATE_SIGNED_ADD_ATI      0x8745
#define GL_MODULATE_SUBTRACT_ATI        0x8746
#define GL_STATIC_ATI   0x8760
```

```
#define GL_DYNAMIC_ATI  0x8761
#define GL_PRESERVE_ATI 0x8762
#define GL_DISCARD_ATI  0x8763
#define GL_BUFFER_SIZE  0x8764
#define GL_BUFFER_SIZE_ARB      0x8764
#define GL_OBJECT_BUFFER_SIZE_ATI       0x8764
#define GL_BUFFER_USAGE 0x8765
#define GL_BUFFER_USAGE_ARB     0x8765
#define GL_OBJECT_BUFFER_USAGE_ATI      0x8765
#define GL_ARRAY_OBJECT_BUFFER_ATI      0x8766
#define GL_ARRAY_OBJECT_OFFSET_ATI      0x8767
#define GL_ELEMENT_ARRAY_ATI    0x8768
#define GL_ELEMENT_ARRAY_TYPE_ATI       0x8769
#define GL_ELEMENT_ARRAY_POINTER_ATI    0x876A
#define GL_MAX_VERTEX_STREAMS_ATI       0x876B
#define GL_VERTEX_STREAM0_ATI   0x876C
#define GL_VERTEX_STREAM1_ATI   0x876D
#define GL_VERTEX_STREAM2_ATI   0x876E
#define GL_VERTEX_STREAM3_ATI   0x876F
#define GL_VERTEX_STREAM4_ATI   0x8770
#define GL_VERTEX_STREAM5_ATI   0x8771
#define GL_VERTEX_STREAM6_ATI   0x8772
#define GL_VERTEX_STREAM7_ATI   0x8773
#define GL_VERTEX_SOURCE_ATI    0x8774
#define GL_BUMP_ROT_MATRIX_ATI  0x8775
#define GL_BUMP_ROT_MATRIX_SIZE_ATI     0x8776
#define GL_BUMP_NUM_TEX_UNITS_ATI       0x8777
#define GL_BUMP_TEX_UNITS_ATI   0x8778
#define GL_DUDV_ATI     0x8779
#define GL_DU8DV8_ATI   0x877A
#define GL_BUMP_ENVMAP_ATI      0x877B
#define GL_BUMP_TARGET_ATI      0x877C
#define GL_VERTEX_SHADER_EXT    0x8780
#define GL_VERTEX_SHADER_BINDING_EXT    0x8781
#define GL_OP_INDEX_EXT 0x8782
#define GL_OP_NEGATE_EXT        0x8783
#define GL_OP_DOT3_EXT  0x8784
#define GL_OP_DOT4_EXT  0x8785
#define GL_OP_MUL_EXT   0x8786
#define GL_OP_ADD_EXT   0x8787
#define GL_OP_MADD_EXT  0x8788
#define GL_OP_FRAC_EXT  0x8789
#define GL_OP_MAX_EXT   0x878A
#define GL_OP_MIN_EXT   0x878B
#define GL_OP_SET_GE_EXT        0x878C
#define GL_OP_SET_LT_EXT        0x878D
#define GL_OP_CLAMP_EXT 0x878E
#define GL_OP_FLOOR_EXT 0x878F
#define GL_OP_ROUND_EXT 0x8790
#define GL_OP_EXP_BASE_2_EXT    0x8791
#define GL_OP_LOG_BASE_2_EXT    0x8792
#define GL_OP_POWER_EXT 0x8793
#define GL_OP_RECIP_EXT 0x8794
#define GL_OP_RECIP_SQRT_EXT    0x8795
#define GL_OP_SUB_EXT   0x8796
#define GL_OP_CROSS_PRODUCT_EXT 0x8797
#define GL_OP_MULTIPLY_MATRIX_EXT       0x8798
#define GL_OP_MOV_EXT   0x8799
#define GL_OUTPUT_VERTEX_EXT    0x879A
#define GL_OUTPUT_COLOR0_EXT    0x879B
#define GL_OUTPUT_COLOR1_EXT    0x879C
#define GL_OUTPUT_TEXTURE_COORD0_EXT    0x879D
#define GL_OUTPUT_TEXTURE_COORD1_EXT    0x879E
#define GL_OUTPUT_TEXTURE_COORD2_EXT    0x879F
#define GL_OUTPUT_TEXTURE_COORD3_EXT    0x87A0
#define GL_OUTPUT_TEXTURE_COORD4_EXT    0x87A1
```

© 2008 Linux Foundation

```
#define GL_OUTPUT_TEXTURE_COORD5_EXT    0x87A2
#define GL_OUTPUT_TEXTURE_COORD6_EXT    0x87A3
#define GL_OUTPUT_TEXTURE_COORD7_EXT    0x87A4
#define GL_OUTPUT_TEXTURE_COORD8_EXT    0x87A5
#define GL_OUTPUT_TEXTURE_COORD9_EXT    0x87A6
#define GL_OUTPUT_TEXTURE_COORD10_EXT   0x87A7
#define GL_OUTPUT_TEXTURE_COORD11_EXT   0x87A8
#define GL_OUTPUT_TEXTURE_COORD12_EXT   0x87A9
#define GL_OUTPUT_TEXTURE_COORD13_EXT   0x87AA
#define GL_OUTPUT_TEXTURE_COORD14_EXT   0x87AB
#define GL_OUTPUT_TEXTURE_COORD15_EXT   0x87AC
#define GL_OUTPUT_TEXTURE_COORD16_EXT   0x87AD
#define GL_OUTPUT_TEXTURE_COORD17_EXT   0x87AE
#define GL_OUTPUT_TEXTURE_COORD18_EXT   0x87AF
#define GL_OUTPUT_TEXTURE_COORD19_EXT   0x87B0
#define GL_OUTPUT_TEXTURE_COORD20_EXT   0x87B1
#define GL_OUTPUT_TEXTURE_COORD21_EXT   0x87B2
#define GL_OUTPUT_TEXTURE_COORD22_EXT   0x87B3
#define GL_OUTPUT_TEXTURE_COORD23_EXT   0x87B4
#define GL_OUTPUT_TEXTURE_COORD24_EXT   0x87B5
#define GL_OUTPUT_TEXTURE_COORD25_EXT   0x87B6
#define GL_OUTPUT_TEXTURE_COORD26_EXT   0x87B7
#define GL_OUTPUT_TEXTURE_COORD27_EXT   0x87B8
#define GL_OUTPUT_TEXTURE_COORD28_EXT   0x87B9
#define GL_OUTPUT_TEXTURE_COORD29_EXT   0x87BA
#define GL_OUTPUT_TEXTURE_COORD30_EXT   0x87BB
#define GL_OUTPUT_TEXTURE_COORD31_EXT   0x87BC
#define GL_OUTPUT_FOG_EXT       0x87BD
#define GL_SCALAR_EXT   0x87BE
#define GL_VECTOR_EXT   0x87BF
#define GL_MATRIX_EXT   0x87C0
#define GL_VARIANT_EXT  0x87C1
#define GL_INVARIANT_EXT        0x87C2
#define GL_LOCAL_CONSTANT_EXT   0x87C3
#define GL_LOCAL_EXT    0x87C4
#define GL_MAX_VERTEX_SHADER_INSTRUCTIONS_EXT   0x87C5
#define GL_MAX_VERTEX_SHADER_VARIANTS_EXT       0x87C6
#define GL_MAX_VERTEX_SHADER_INVARIANTS_EXT     0x87C7
#define GL_MAX_VERTEX_SHADER_LOCAL_CONSTANTS_EXT        0x87C8
#define GL_MAX_VERTEX_SHADER_LOCALS_EXT 0x87C9
#define GL_MAX_OPTIMIZED_VERTEX_SHADER_INSTRUCTIONS_EXT 0x87CA
#define GL_MAX_OPTIMIZED_VERTEX_SHADER_VARIANTS_EXT     0x87CB
#define         GL_MAX_OPTIMIZED_VERTEX_SHADER_LOCAL_CONSTANTS_EXT
0x87CC
#define GL_MAX_OPTIMIZED_VERTEX_SHADER_INVARIANTS_EXT   0x87CD
#define GL_MAX_OPTIMIZED_VERTEX_SHADER_LOCALS_EXT       0x87CE
#define GL_VERTEX_SHADER_INSTRUCTIONS_EXT       0x87CF
#define GL_VERTEX_SHADER_VARIANTS_EXT   0x87D0
#define GL_VERTEX_SHADER_INVARIANTS_EXT 0x87D1
#define GL_VERTEX_SHADER_LOCAL_CONSTANTS_EXT    0x87D2
#define GL_VERTEX_SHADER_LOCALS_EXT     0x87D3
#define GL_VERTEX_SHADER_OPTIMIZED_EXT  0x87D4
#define GL_X_EXT        0x87D5
#define GL_Y_EXT        0x87D6
#define GL_Z_EXT        0x87D7
#define GL_W_EXT        0x87D8
#define GL_NEGATIVE_X_EXT       0x87D9
#define GL_NEGATIVE_Y_EXT       0x87DA
#define GL_NEGATIVE_Z_EXT       0x87DB
#define GL_NEGATIVE_W_EXT       0x87DC
#define GL_ZERO_EXT     0x87DD
#define GL_ONE_EXT      0x87DE
#define GL_NEGATIVE_ONE_EXT     0x87DF
#define GL_NORMALIZED_RANGE_EXT 0x87E0
#define GL_FULL_RANGE_EXT       0x87E1
#define GL_CURRENT_VERTEX_EXT   0x87E2
```

```
#define GL_MVP_MATRIX_EXT       0x87E3
#define GL_VARIANT_VALUE_EXT    0x87E4
#define GL_VARIANT_DATATYPE_EXT 0x87E5
#define GL_VARIANT_ARRAY_STRIDE_EXT     0x87E6
#define GL_VARIANT_ARRAY_TYPE_EXT       0x87E7
#define GL_VARIANT_ARRAY_EXT    0x87E8
#define GL_VARIANT_ARRAY_POINTER_EXT    0x87E9
#define GL_INVARIANT_VALUE_EXT  0x87EA
#define GL_INVARIANT_DATATYPE_EXT       0x87EB
#define GL_LOCAL_CONSTANT_VALUE_EXT     0x87EC
#define GL_LOCAL_CONSTANT_DATATYPE_EXT  0x87ED
#define GL_PN_TRIANGLES_ATI     0x87F0
#define GL_MAX_PN_TRIANGLES_TESSELATION_LEVEL_ATI       0x87F1
#define GL_PN_TRIANGLES_POINT_MODE_ATI  0x87F2
#define GL_PN_TRIANGLES_NORMAL_MODE_ATI 0x87F3
#define GL_PN_TRIANGLES_TESSELATION_LEVEL_ATI   0x87F4
#define GL_PN_TRIANGLES_POINT_MODE_LINEAR_ATI   0x87F5
#define GL_PN_TRIANGLES_POINT_MODE_CUBIC_ATI    0x87F6
#define GL_PN_TRIANGLES_NORMAL_MODE_LINEAR_ATI  0x87F7
#define GL_PN_TRIANGLES_NORMAL_MODE_QUADRATIC_ATI       0x87F8
#define GL_STENCIL_BACK_FUNC    0x8800
#define GL_STENCIL_BACK_FUNC_ATI        0x8800
#define GL_STENCIL_BACK_FAIL    0x8801
#define GL_STENCIL_BACK_FAIL_ATI        0x8801
#define GL_STENCIL_BACK_PASS_DEPTH_FAIL 0x8802
#define GL_STENCIL_BACK_PASS_DEPTH_FAIL_ATI     0x8802
#define GL_STENCIL_BACK_PASS_DEPTH_PASS 0x8803
#define GL_STENCIL_BACK_PASS_DEPTH_PASS_ATI     0x8803
#define GL_FRAGMENT_PROGRAM_ARB 0x8804
#define GL_PROGRAM_ALU_INSTRUCTIONS_ARB 0x8805
#define GL_PROGRAM_TEX_INSTRUCTIONS_ARB 0x8806
#define GL_PROGRAM_TEX_INDIRECTIONS_ARB 0x8807
#define GL_PROGRAM_NATIVE_ALU_INSTRUCTIONS_ARB  0x8808
#define GL_PROGRAM_NATIVE_TEX_INSTRUCTIONS_ARB  0x8809
#define GL_PROGRAM_NATIVE_TEX_INDIRECTIONS_ARB  0x880A
#define GL_MAX_PROGRAM_ALU_INSTRUCTIONS_ARB     0x880B
#define GL_MAX_PROGRAM_TEX_INSTRUCTIONS_ARB     0x880C
#define GL_MAX_PROGRAM_TEX_INDIRECTIONS_ARB     0x880D
#define GL_MAX_PROGRAM_NATIVE_ALU_INSTRUCTIONS_ARB      0x880E
#define GL_MAX_PROGRAM_NATIVE_TEX_INSTRUCTIONS_ARB      0x880F
#define GL_MAX_PROGRAM_NATIVE_TEX_INDIRECTIONS_ARB      0x8810
#define GL_RGBA32F_ARB  0x8814
#define GL_RGBA_FLOAT32_ATI     0x8814
#define GL_RGB32F_ARB   0x8815
#define GL_RGB_FLOAT32_ATI      0x8815
#define GL_ALPHA32F_ARB 0x8816
#define GL_ALPHA_FLOAT32_ATI    0x8816
#define GL_INTENSITY32F_ARB     0x8817
#define GL_INTENSITY_FLOAT32_ATI        0x8817
#define GL_LUMINANCE32F_ARB     0x8818
#define GL_LUMINANCE_FLOAT32_ATI        0x8818
#define GL_LUMINANCE_ALPHA32F_ARB       0x8819
#define GL_LUMINANCE_ALPHA_FLOAT32_ATI  0x8819
#define GL_RGBA16F_ARB  0x881A
#define GL_RGBA_FLOAT16_ATI     0x881A
#define GL_RGB16F_ARB   0x881B
#define GL_RGB_FLOAT16_ATI      0x881B
#define GL_ALPHA16F_ARB 0x881C
#define GL_ALPHA_FLOAT16_ATI    0x881C
#define GL_INTENSITY16F_ARB     0x881D
#define GL_INTENSITY_FLOAT16_ATI        0x881D
#define GL_LUMINANCE16F_ARB     0x881E
#define GL_LUMINANCE_FLOAT16_ATI        0x881E
#define GL_LUMINANCE_ALPHA16F_ARB       0x881F
#define GL_LUMINANCE_ALPHA_FLOAT16_ATI  0x881F
#define GL_RGBA_FLOAT_MODE_ARB  0x8820
```

© 2008 Linux Foundation

```
#define GL_TYPE_RGBA_FLOAT_ATI  0x8820
#define GL_MAX_DRAW_BUFFERS     0x8824
#define GL_MAX_DRAW_BUFFERS_ARB 0x8824
#define GL_MAX_DRAW_BUFFERS_ATI 0x8824
#define GL_DRAW_BUFFER0 0x8825
#define GL_DRAW_BUFFER0_ARB     0x8825
#define GL_DRAW_BUFFER0_ATI     0x8825
#define GL_DRAW_BUFFER1 0x8826
#define GL_DRAW_BUFFER1_ARB     0x8826
#define GL_DRAW_BUFFER1_ATI     0x8826
#define GL_DRAW_BUFFER2 0x8827
#define GL_DRAW_BUFFER2_ARB     0x8827
#define GL_DRAW_BUFFER2_ATI     0x8827
#define GL_DRAW_BUFFER3 0x8828
#define GL_DRAW_BUFFER3_ARB     0x8828
#define GL_DRAW_BUFFER3_ATI     0x8828
#define GL_DRAW_BUFFER4 0x8829
#define GL_DRAW_BUFFER4_ARB     0x8829
#define GL_DRAW_BUFFER4_ATI     0x8829
#define GL_DRAW_BUFFER5 0x882A
#define GL_DRAW_BUFFER5_ARB     0x882A
#define GL_DRAW_BUFFER5_ATI     0x882A
#define GL_DRAW_BUFFER6 0x882B
#define GL_DRAW_BUFFER6_ARB     0x882B
#define GL_DRAW_BUFFER6_ATI     0x882B
#define GL_DRAW_BUFFER7 0x882C
#define GL_DRAW_BUFFER7_ARB     0x882C
#define GL_DRAW_BUFFER7_ATI     0x882C
#define GL_DRAW_BUFFER8 0x882D
#define GL_DRAW_BUFFER8_ARB     0x882D
#define GL_DRAW_BUFFER8_ATI     0x882D
#define GL_DRAW_BUFFER9 0x882E
#define GL_DRAW_BUFFER9_ARB     0x882E
#define GL_DRAW_BUFFER9_ATI     0x882E
#define GL_DRAW_BUFFER10        0x882F
#define GL_DRAW_BUFFER10_ARB    0x882F
#define GL_DRAW_BUFFER10_ATI    0x882F
#define GL_DRAW_BUFFER11        0x8830
#define GL_DRAW_BUFFER11_ARB    0x8830
#define GL_DRAW_BUFFER11_ATI    0x8830
#define GL_DRAW_BUFFER12        0x8831
#define GL_DRAW_BUFFER12_ARB    0x8831
#define GL_DRAW_BUFFER12_ATI    0x8831
#define GL_DRAW_BUFFER13        0x8832
#define GL_DRAW_BUFFER13_ARB    0x8832
#define GL_DRAW_BUFFER13_ATI    0x8832
#define GL_DRAW_BUFFER14        0x8833
#define GL_DRAW_BUFFER14_ARB    0x8833
#define GL_DRAW_BUFFER14_ATI    0x8833
#define GL_DRAW_BUFFER15        0x8834
#define GL_DRAW_BUFFER15_ARB    0x8834
#define GL_DRAW_BUFFER15_ATI    0x8834
#define GL_COLOR_CLEAR_UNCLAMPED_VALUE_ATI      0x8835
#define GL_BLEND_EQUATION_ALPHA 0x883D
#define GL_BLEND_EQUATION_ALPHA_EXT     0x883D
#define GL_MATRIX_PALETTE_ARB   0x8840
#define GL_MAX_MATRIX_PALETTE_STACK_DEPTH_ARB   0x8841
#define GL_MAX_PALETTE_MATRICES_ARB     0x8842
#define GL_CURRENT_PALETTE_MATRIX_ARB   0x8843
#define GL_MATRIX_INDEX_ARRAY_ARB       0x8844
#define GL_CURRENT_MATRIX_INDEX_ARB     0x8845
#define GL_MATRIX_INDEX_ARRAY_SIZE_ARB  0x8846
#define GL_MATRIX_INDEX_ARRAY_TYPE_ARB  0x8847
#define GL_MATRIX_INDEX_ARRAY_STRIDE_ARB        0x8848
#define GL_MATRIX_INDEX_ARRAY_POINTER_ARB       0x8849
#define GL_TEXTURE_DEPTH_SIZE   0x884A
```

```
#define GL_TEXTURE_DEPTH_SIZE_ARB       0x884A
#define GL_DEPTH_TEXTURE_MODE   0x884B
#define GL_DEPTH_TEXTURE_MODE_ARB       0x884B
#define GL_TEXTURE_COMPARE_MODE 0x884C
#define GL_TEXTURE_COMPARE_MODE_ARB     0x884C
#define GL_TEXTURE_COMPARE_FUNC 0x884D
#define GL_TEXTURE_COMPARE_FUNC_ARB     0x884D
#define GL_COMPARE_R_TO_TEXTURE 0x884E
#define GL_COMPARE_R_TO_TEXTURE_ARB     0x884E
#define GL_POINT_SPRITE 0x8861
#define GL_POINT_SPRITE_ARB     0x8861
#define GL_COORD_REPLACE        0x8862
#define GL_COORD_REPLACE_ARB    0x8862
#define GL_QUERY_COUNTER_BITS   0x8864
#define GL_QUERY_COUNTER_BITS_ARB       0x8864
#define GL_CURRENT_QUERY        0x8865
#define GL_CURRENT_QUERY_ARB    0x8865
#define GL_QUERY_RESULT 0x8866
#define GL_QUERY_RESULT_ARB     0x8866
#define GL_QUERY_RESULT_AVAILABLE       0x8867
#define GL_QUERY_RESULT_AVAILABLE_ARB   0x8867
#define GL_MAX_VERTEX_ATTRIBS   0x8869
#define GL_MAX_VERTEX_ATTRIBS_ARB       0x8869
#define GL_VERTEX_ATTRIB_ARRAY_NORMALIZED       0x886A
#define GL_VERTEX_ATTRIB_ARRAY_NORMALIZED_ARB   0x886A
#define GL_MAX_TEXTURE_COORDS   0x8871
#define GL_MAX_TEXTURE_COORDS_ARB       0x8871
#define GL_MAX_TEXTURE_IMAGE_UNITS      0x8872
#define GL_MAX_TEXTURE_IMAGE_UNITS_ARB  0x8872
#define GL_PROGRAM_ERROR_STRING_ARB     0x8874
#define GL_PROGRAM_FORMAT_ASCII_ARB     0x8875
#define GL_PROGRAM_FORMAT_ARB   0x8876
#define GL_DEPTH_BOUNDS_TEST_EXT        0x8890
#define GL_DEPTH_BOUNDS_EXT     0x8891
#define GL_ARRAY_BUFFER 0x8892
#define GL_ARRAY_BUFFER_ARB     0x8892
#define GL_ELEMENT_ARRAY_BUFFER 0x8893
#define GL_ELEMENT_ARRAY_BUFFER_ARB     0x8893
#define GL_ARRAY_BUFFER_BINDING 0x8894
#define GL_ARRAY_BUFFER_BINDING_ARB     0x8894
#define GL_ELEMENT_ARRAY_BUFFER_BINDING 0x8895
#define GL_ELEMENT_ARRAY_BUFFER_BINDING_ARB     0x8895
#define GL_VERTEX_ARRAY_BUFFER_BINDING  0x8896
#define GL_VERTEX_ARRAY_BUFFER_BINDING_ARB      0x8896
#define GL_NORMAL_ARRAY_BUFFER_BINDING  0x8897
#define GL_NORMAL_ARRAY_BUFFER_BINDING_ARB      0x8897
#define GL_COLOR_ARRAY_BUFFER_BINDING   0x8898
#define GL_COLOR_ARRAY_BUFFER_BINDING_ARB       0x8898
#define GL_INDEX_ARRAY_BUFFER_BINDING   0x8899
#define GL_INDEX_ARRAY_BUFFER_BINDING_ARB       0x8899
#define GL_TEXTURE_COORD_ARRAY_BUFFER_BINDING   0x889A
#define GL_TEXTURE_COORD_ARRAY_BUFFER_BINDING_ARB       0x889A
#define GL_EDGE_FLAG_ARRAY_BUFFER_BINDING       0x889B
#define GL_EDGE_FLAG_ARRAY_BUFFER_BINDING_ARB   0x889B
#define GL_SECONDARY_COLOR_ARRAY_BUFFER_BINDING 0x889C
#define GL_SECONDARY_COLOR_ARRAY_BUFFER_BINDING_ARB     0x889C
#define GL_FOG_COORDINATE_ARRAY_BUFFER_BINDING  0x889D
#define GL_FOG_COORDINATE_ARRAY_BUFFER_BINDING_ARB      0x889D
#define GL_WEIGHT_ARRAY_BUFFER_BINDING  0x889E
#define GL_WEIGHT_ARRAY_BUFFER_BINDING_ARB      0x889E
#define GL_VERTEX_ATTRIB_ARRAY_BUFFER_BINDING   0x889F
#define GL_VERTEX_ATTRIB_ARRAY_BUFFER_BINDING_ARB       0x889F
#define GL_PROGRAM_INSTRUCTIONS_ARB     0x88A0
#define GL_MAX_PROGRAM_INSTRUCTIONS_ARB 0x88A1
#define GL_PROGRAM_NATIVE_INSTRUCTIONS_ARB      0x88A2
#define GL_MAX_PROGRAM_NATIVE_INSTRUCTIONS_ARB  0x88A3
```

© 2008 Linux Foundation

```
#define GL_PROGRAM_TEMPORARIES_ARB      0x88A4
#define GL_MAX_PROGRAM_TEMPORARIES_ARB  0x88A5
#define GL_PROGRAM_NATIVE_TEMPORARIES_ARB       0x88A6
#define GL_MAX_PROGRAM_NATIVE_TEMPORARIES_ARB   0x88A7
#define GL_PROGRAM_PARAMETERS_ARB       0x88A8
#define GL_MAX_PROGRAM_PARAMETERS_ARB   0x88A9
#define GL_PROGRAM_NATIVE_PARAMETERS_ARB        0x88AA
#define GL_MAX_PROGRAM_NATIVE_PARAMETERS_ARB    0x88AB
#define GL_PROGRAM_ATTRIBS_ARB  0x88AC
#define GL_MAX_PROGRAM_ATTRIBS_ARB      0x88AD
#define GL_PROGRAM_NATIVE_ATTRIBS_ARB   0x88AE
#define GL_MAX_PROGRAM_NATIVE_ATTRIBS_ARB       0x88AF
#define GL_PROGRAM_ADDRESS_REGISTERS_ARB        0x88B0
#define GL_MAX_PROGRAM_ADDRESS_REGISTERS_ARB    0x88B1
#define GL_PROGRAM_NATIVE_ADDRESS_REGISTERS_ARB 0x88B2
#define GL_MAX_PROGRAM_NATIVE_ADDRESS_REGISTERS_ARB     0x88B3
#define GL_MAX_PROGRAM_LOCAL_PARAMETERS_ARB     0x88B4
#define GL_MAX_PROGRAM_ENV_PARAMETERS_ARB       0x88B5
#define GL_PROGRAM_UNDER_NATIVE_LIMITS_ARB      0x88B6
#define GL_TRANSPOSE_CURRENT_MATRIX_ARB 0x88B7
#define GL_READ_ONLY    0x88B8
#define GL_READ_ONLY_ARB        0x88B8
#define GL_WRITE_ONLY   0x88B9
#define GL_WRITE_ONLY_ARB       0x88B9
#define GL_READ_WRITE   0x88BA
#define GL_READ_WRITE_ARB       0x88BA
#define GL_BUFFER_ACCESS        0x88BB
#define GL_BUFFER_ACCESS_ARB    0x88BB
#define GL_BUFFER_MAPPED        0x88BC
#define GL_BUFFER_MAPPED_ARB    0x88BC
#define GL_BUFFER_MAP_POINTER   0x88BD
#define GL_BUFFER_MAP_POINTER_ARB       0x88BD
#define GL_MATRIX0_ARB  0x88C0
#define GL_MATRIX1_ARB  0x88C1
#define GL_MATRIX2_ARB  0x88C2
#define GL_MATRIX3_ARB  0x88C3
#define GL_MATRIX4_ARB  0x88C4
#define GL_MATRIX5_ARB  0x88C5
#define GL_MATRIX6_ARB  0x88C6
#define GL_MATRIX7_ARB  0x88C7
#define GL_MATRIX8_ARB  0x88C8
#define GL_MATRIX9_ARB  0x88C9
#define GL_MATRIX10_ARB 0x88CA
#define GL_MATRIX11_ARB 0x88CB
#define GL_MATRIX12_ARB 0x88CC
#define GL_MATRIX13_ARB 0x88CD
#define GL_MATRIX14_ARB 0x88CE
#define GL_MATRIX15_ARB 0x88CF
#define GL_MATRIX16_ARB 0x88D0
#define GL_MATRIX17_ARB 0x88D1
#define GL_MATRIX18_ARB 0x88D2
#define GL_MATRIX19_ARB 0x88D3
#define GL_MATRIX20_ARB 0x88D4
#define GL_MATRIX21_ARB 0x88D5
#define GL_MATRIX22_ARB 0x88D6
#define GL_MATRIX23_ARB 0x88D7
#define GL_MATRIX24_ARB 0x88D8
#define GL_MATRIX25_ARB 0x88D9
#define GL_MATRIX26_ARB 0x88DA
#define GL_MATRIX27_ARB 0x88DB
#define GL_MATRIX28_ARB 0x88DC
#define GL_MATRIX29_ARB 0x88DD
#define GL_MATRIX30_ARB 0x88DE
#define GL_MATRIX31_ARB 0x88DF
#define GL_STREAM_DRAW  0x88E0
#define GL_STREAM_DRAW_ARB      0x88E0
```

```
#define GL_STREAM_READ  0x88E1
#define GL_STREAM_READ_ARB      0x88E1
#define GL_STREAM_COPY  0x88E2
#define GL_STREAM_COPY_ARB      0x88E2
#define GL_STATIC_DRAW  0x88E4
#define GL_STATIC_DRAW_ARB      0x88E4
#define GL_STATIC_READ  0x88E5
#define GL_STATIC_READ_ARB      0x88E5
#define GL_STATIC_COPY  0x88E6
#define GL_STATIC_COPY_ARB      0x88E6
#define GL_DYNAMIC_DRAW 0x88E8
#define GL_DYNAMIC_DRAW_ARB     0x88E8
#define GL_DYNAMIC_READ 0x88E9
#define GL_DYNAMIC_READ_ARB     0x88E9
#define GL_DYNAMIC_COPY 0x88EA
#define GL_DYNAMIC_COPY_ARB     0x88EA
#define GL_PIXEL_PACK_BUFFER_ARB        0x88EB
#define GL_PIXEL_PACK_BUFFER_EXT        0x88EB
#define GL_PIXEL_UNPACK_BUFFER_ARB      0x88EC
#define GL_PIXEL_UNPACK_BUFFER_EXT      0x88EC
#define GL_PIXEL_PACK_BUFFER_BINDING_ARB        0x88ED
#define GL_PIXEL_PACK_BUFFER_BINDING_EXT        0x88ED
#define GL_PIXEL_UNPACK_BUFFER_BINDING_ARB      0x88EF
#define GL_PIXEL_UNPACK_BUFFER_BINDING_EXT      0x88EF
#define GL_STENCIL_TEST_TWO_SIDE_EXT    0x8910
#define GL_ACTIVE_STENCIL_FACE_EXT      0x8911
#define GL_MIRROR_CLAMP_TO_BORDER_EXT   0x8912
#define GL_SAMPLES_PASSED       0x8914
#define GL_SAMPLES_PASSED_ARB   0x8914
#define GL_CLAMP_VERTEX_COLOR_ARB       0x891A
#define GL_CLAMP_FRAGMENT_COLOR_ARB     0x891B
#define GL_CLAMP_READ_COLOR_ARB 0x891C
#define GL_FIXED_ONLY_ARB       0x891D
#define GL_FRAGMENT_SHADER_ATI  0x8920
#define GL_REG_0_ATI    0x8921
#define GL_REG_1_ATI    0x8922
#define GL_REG_2_ATI    0x8923
#define GL_REG_3_ATI    0x8924
#define GL_REG_4_ATI    0x8925
#define GL_REG_5_ATI    0x8926
#define GL_REG_6_ATI    0x8927
#define GL_REG_7_ATI    0x8928
#define GL_REG_8_ATI    0x8929
#define GL_REG_9_ATI    0x892A
#define GL_REG_10_ATI   0x892B
#define GL_REG_11_ATI   0x892C
#define GL_REG_12_ATI   0x892D
#define GL_REG_13_ATI   0x892E
#define GL_REG_14_ATI   0x892F
#define GL_REG_15_ATI   0x8930
#define GL_REG_16_ATI   0x8931
#define GL_REG_17_ATI   0x8932
#define GL_REG_18_ATI   0x8933
#define GL_REG_19_ATI   0x8934
#define GL_REG_20_ATI   0x8935
#define GL_REG_21_ATI   0x8936
#define GL_REG_22_ATI   0x8937
#define GL_REG_23_ATI   0x8938
#define GL_REG_24_ATI   0x8939
#define GL_REG_25_ATI   0x893A
#define GL_REG_26_ATI   0x893B
#define GL_REG_27_ATI   0x893C
#define GL_REG_28_ATI   0x893D
#define GL_REG_29_ATI   0x893E
#define GL_REG_30_ATI   0x893F
#define GL_REG_31_ATI   0x8940
```

© 2008 Linux Foundation

```
#define GL_CON_0_ATI    0x8941
#define GL_CON_1_ATI    0x8942
#define GL_CON_2_ATI    0x8943
#define GL_CON_3_ATI    0x8944
#define GL_CON_4_ATI    0x8945
#define GL_CON_5_ATI    0x8946
#define GL_CON_6_ATI    0x8947
#define GL_CON_7_ATI    0x8948
#define GL_CON_8_ATI    0x8949
#define GL_CON_9_ATI    0x894A
#define GL_CON_10_ATI   0x894B
#define GL_CON_11_ATI   0x894C
#define GL_CON_12_ATI   0x894D
#define GL_CON_13_ATI   0x894E
#define GL_CON_14_ATI   0x894F
#define GL_CON_15_ATI   0x8950
#define GL_CON_16_ATI   0x8951
#define GL_CON_17_ATI   0x8952
#define GL_CON_18_ATI   0x8953
#define GL_CON_19_ATI   0x8954
#define GL_CON_20_ATI   0x8955
#define GL_CON_21_ATI   0x8956
#define GL_CON_22_ATI   0x8957
#define GL_CON_23_ATI   0x8958
#define GL_CON_24_ATI   0x8959
#define GL_CON_25_ATI   0x895A
#define GL_CON_26_ATI   0x895B
#define GL_CON_27_ATI   0x895C
#define GL_CON_28_ATI   0x895D
#define GL_CON_29_ATI   0x895E
#define GL_CON_30_ATI   0x895F
#define GL_CON_31_ATI   0x8960
#define GL_MOV_ATI      0x8961
#define GL_ADD_ATI      0x8963
#define GL_MUL_ATI      0x8964
#define GL_SUB_ATI      0x8965
#define GL_DOT3_ATI     0x8966
#define GL_DOT4_ATI     0x8967
#define GL_MAD_ATI      0x8968
#define GL_LERP_ATI     0x8969
#define GL_CND_ATI      0x896A
#define GL_CND0_ATI     0x896B
#define GL_DOT2_ADD_ATI 0x896C
#define GL_SECONDARY_INTERPOLATOR_ATI   0x896D
#define GL_NUM_FRAGMENT_REGISTERS_ATI   0x896E
#define GL_NUM_FRAGMENT_CONSTANTS_ATI   0x896F
#define GL_NUM_PASSES_ATI       0x8970
#define GL_NUM_INSTRUCTIONS_PER_PASS_ATI        0x8971
#define GL_NUM_INSTRUCTIONS_TOTAL_ATI   0x8972
#define GL_NUM_INPUT_INTERPOLATOR_COMPONENTS_ATI        0x8973
#define GL_NUM_LOOPBACK_COMPONENTS_ATI  0x8974
#define GL_COLOR_ALPHA_PAIRING_ATI      0x8975
#define GL_SWIZZLE_STR_ATI      0x8976
#define GL_SWIZZLE_STQ_ATI      0x8977
#define GL_SWIZZLE_STR_DR_ATI   0x8978
#define GL_SWIZZLE_STQ_DQ_ATI   0x8979
#define GL_SWIZZLE_STRQ_ATI     0x897A
#define GL_SWIZZLE_STRQ_DQ_ATI  0x897B
#define GL_FRAGMENT_SHADER      0x8B30
#define GL_FRAGMENT_SHADER_ARB  0x8B30
#define GL_VERTEX_SHADER        0x8B31
#define GL_VERTEX_SHADER_ARB    0x8B31
#define GL_PROGRAM_OBJECT_ARB   0x8B40
#define GL_SHADER_OBJECT_ARB    0x8B48
#define GL_MAX_FRAGMENT_UNIFORM_COMPONENTS      0x8B49
#define GL_MAX_FRAGMENT_UNIFORM_COMPONENTS_ARB  0x8B49
```

```
#define GL_MAX_VERTEX_UNIFORM_COMPONENTS        0x8B4A
#define GL_MAX_VERTEX_UNIFORM_COMPONENTS_ARB    0x8B4A
#define GL_MAX_VARYING_FLOATS   0x8B4B
#define GL_MAX_VARYING_FLOATS_ARB       0x8B4B
#define GL_MAX_VERTEX_TEXTURE_IMAGE_UNITS       0x8B4C
#define GL_MAX_VERTEX_TEXTURE_IMAGE_UNITS_ARB   0x8B4C
#define GL_MAX_COMBINED_TEXTURE_IMAGE_UNITS     0x8B4D
#define GL_MAX_COMBINED_TEXTURE_IMAGE_UNITS_ARB 0x8B4D
#define GL_OBJECT_TYPE_ARB      0x8B4E
#define GL_OBJECT_SUBTYPE_ARB   0x8B4F
#define GL_SHADER_TYPE  0x8B4F
#define GL_FLOAT_VEC2   0x8B50
#define GL_FLOAT_VEC2_ARB       0x8B50
#define GL_FLOAT_VEC3   0x8B51
#define GL_FLOAT_VEC3_ARB       0x8B51
#define GL_FLOAT_VEC4   0x8B52
#define GL_FLOAT_VEC4_ARB       0x8B52
#define GL_INT_VEC2     0x8B53
#define GL_INT_VEC2_ARB 0x8B53
#define GL_INT_VEC3     0x8B54
#define GL_INT_VEC3_ARB 0x8B54
#define GL_INT_VEC4     0x8B55
#define GL_INT_VEC4_ARB 0x8B55
#define GL_BOOL 0x8B56
#define GL_BOOL_ARB     0x8B56
#define GL_BOOL_VEC2    0x8B57
#define GL_BOOL_VEC2_ARB        0x8B57
#define GL_BOOL_VEC3    0x8B58
#define GL_BOOL_VEC3_ARB        0x8B58
#define GL_BOOL_VEC4    0x8B59
#define GL_BOOL_VEC4_ARB        0x8B59
#define GL_FLOAT_MAT2   0x8B5A
#define GL_FLOAT_MAT2_ARB       0x8B5A
#define GL_FLOAT_MAT3   0x8B5B
#define GL_FLOAT_MAT3_ARB       0x8B5B
#define GL_FLOAT_MAT4   0x8B5C
#define GL_FLOAT_MAT4_ARB       0x8B5C
#define GL_SAMPLER_1D   0x8B5D
#define GL_SAMPLER_1D_ARB       0x8B5D
#define GL_SAMPLER_2D   0x8B5E
#define GL_SAMPLER_2D_ARB       0x8B5E
#define GL_SAMPLER_3D   0x8B5F
#define GL_SAMPLER_3D_ARB       0x8B5F
#define GL_SAMPLER_CUBE 0x8B60
#define GL_SAMPLER_CUBE_ARB     0x8B60
#define GL_SAMPLER_1D_SHADOW    0x8B61
#define GL_SAMPLER_1D_SHADOW_ARB        0x8B61
#define GL_SAMPLER_2D_SHADOW    0x8B62
#define GL_SAMPLER_2D_SHADOW_ARB        0x8B62
#define GL_SAMPLER_2D_RECT_ARB  0x8B63
#define GL_SAMPLER_2D_RECT_SHADOW_ARB   0x8B64
#define GL_DELETE_STATUS        0x8B80
#define GL_OBJECT_DELETE_STATUS_ARB     0x8B80
#define GL_COMPILE_STATUS       0x8B81
#define GL_OBJECT_COMPILE_STATUS_ARB    0x8B81
#define GL_LINK_STATUS  0x8B82
#define GL_OBJECT_LINK_STATUS_ARB       0x8B82
#define GL_OBJECT_VALIDATE_STATUS_ARB   0x8B83
#define GL_VALIDATE_STATUS      0x8B83
#define GL_INFO_LOG_LENGTH      0x8B84
#define GL_OBJECT_INFO_LOG_LENGTH_ARB   0x8B84
#define GL_ATTACHED_SHADERS     0x8B85
#define GL_OBJECT_ATTACHED_OBJECTS_ARB  0x8B85
#define GL_ACTIVE_UNIFORMS      0x8B86
#define GL_OBJECT_ACTIVE_UNIFORMS_ARB   0x8B86
#define GL_ACTIVE_UNIFORM_MAX_LENGTH    0x8B87
```

© 2008 Linux Foundation

```
#define GL_OBJECT_ACTIVE_UNIFORM_MAX_LENGTH_ARB 0x8B87
#define GL_OBJECT_SHADER_SOURCE_LENGTH_ARB      0x8B88
#define GL_SHADER_SOURCE_LENGTH 0x8B88
#define GL_ACTIVE_ATTRIBUTES    0x8B89
#define GL_OBJECT_ACTIVE_ATTRIBUTES_ARB 0x8B89
#define GL_ACTIVE_ATTRIBUTE_MAX_LENGTH  0x8B8A
#define GL_OBJECT_ACTIVE_ATTRIBUTE_MAX_LENGTH_ARB       0x8B8A
#define GL_FRAGMENT_SHADER_DERIVATIVE_HINT      0x8B8B
#define GL_FRAGMENT_SHADER_DERIVATIVE_HINT_ARB  0x8B8B
#define GL_SHADING_LANGUAGE_VERSION     0x8B8C
#define GL_SHADING_LANGUAGE_VERSION_ARB 0x8B8C
#define GL_CURRENT_PROGRAM      0x8B8D
#define GL_IMPLEMENTATION_COLOR_READ_TYPE_OES   0x8B9A
#define GL_IMPLEMENTATION_COLOR_READ_FORMAT_OES 0x8B9B
#define GL_TEXTURE_RED_TYPE_ARB 0x8C10
#define GL_TEXTURE_GREEN_TYPE_ARB       0x8C11
#define GL_TEXTURE_BLUE_TYPE_ARB        0x8C12
#define GL_TEXTURE_ALPHA_TYPE_ARB       0x8C13
#define GL_TEXTURE_LUMINANCE_TYPE_ARB   0x8C14
#define GL_TEXTURE_INTENSITY_TYPE_ARB   0x8C15
#define GL_TEXTURE_DEPTH_TYPE_ARB       0x8C16
#define GL_UNSIGNED_NORMALIZED_ARB      0x8C17
#define GL_POINT_SPRITE_COORD_ORIGIN    0x8CA0
#define GL_LOWER_LEFT   0x8CA1
#define GL_UPPER_LEFT   0x8CA2
#define GL_STENCIL_BACK_REF     0x8CA3
#define GL_STENCIL_BACK_VALUE_MASK      0x8CA4
#define GL_STENCIL_BACK_WRITEMASK       0x8CA5
#define GL_FRAMEBUFFER_BINDING_EXT      0x8CA6
#define GL_RENDERBUFFER_BINDING_EXT     0x8CA7
#define GL_FRAMEBUFFER_ATTACHMENT_OBJECT_TYPE_EXT       0x8CD0
#define GL_FRAMEBUFFER_ATTACHMENT_OBJECT_NAME_EXT       0x8CD1
#define GL_FRAMEBUFFER_ATTACHMENT_TEXTURE_LEVEL_EXT     0x8CD2
#define        GL_FRAMEBUFFER_ATTACHMENT_TEXTURE_CUBE_MAP_FACE_EXT
0x8CD3
#define           GL_FRAMEBUFFER_ATTACHMENT_TEXTURE_3D_ZOFFSET_EXT
0x8CD4
#define GL_FRAMEBUFFER_COMPLETE_EXT     0x8CD5
#define GL_FRAMEBUFFER_INCOMPLETE_ATTACHMENT_EXT        0x8CD6
#define           GL_FRAMEBUFFER_INCOMPLETE_MISSING_ATTACHMENT_EXT
0x8CD7
#define GL_FRAMEBUFFER_INCOMPLETE_DIMENSIONS_EXT        0x8CD9
#define GL_FRAMEBUFFER_INCOMPLETE_FORMATS_EXT   0x8CDA
#define GL_FRAMEBUFFER_INCOMPLETE_DRAW_BUFFER_EXT       0x8CDB
#define GL_FRAMEBUFFER_INCOMPLETE_READ_BUFFER_EXT       0x8CDC
#define GL_FRAMEBUFFER_UNSUPPORTED_EXT  0x8CDD
#define GL_MAX_COLOR_ATTACHMENTS_EXT    0x8CDF
#define GL_COLOR_ATTACHMENT0_EXT        0x8CE0
#define GL_COLOR_ATTACHMENT1_EXT        0x8CE1
#define GL_COLOR_ATTACHMENT2_EXT        0x8CE2
#define GL_COLOR_ATTACHMENT3_EXT        0x8CE3
#define GL_COLOR_ATTACHMENT4_EXT        0x8CE4
#define GL_COLOR_ATTACHMENT5_EXT        0x8CE5
#define GL_COLOR_ATTACHMENT6_EXT        0x8CE6
#define GL_COLOR_ATTACHMENT7_EXT        0x8CE7
#define GL_COLOR_ATTACHMENT8_EXT        0x8CE8
#define GL_COLOR_ATTACHMENT9_EXT        0x8CE9
#define GL_COLOR_ATTACHMENT10_EXT       0x8CEA
#define GL_COLOR_ATTACHMENT11_EXT       0x8CEB
#define GL_COLOR_ATTACHMENT12_EXT       0x8CEC
#define GL_COLOR_ATTACHMENT13_EXT       0x8CED
#define GL_COLOR_ATTACHMENT14_EXT       0x8CEE
#define GL_COLOR_ATTACHMENT15_EXT       0x8CEF
#define GL_DEPTH_ATTACHMENT_EXT 0x8D00
#define GL_STENCIL_ATTACHMENT_EXT       0x8D20
#define GL_FRAMEBUFFER_EXT      0x8D40
```

```
#define GL_RENDERBUFFER_EXT     0x8D41
#define GL_RENDERBUFFER_WIDTH_EXT       0x8D42
#define GL_RENDERBUFFER_HEIGHT_EXT      0x8D43
#define GL_RENDERBUFFER_INTERNAL_FORMAT_EXT     0x8D44
#define GL_STENCIL_INDEX1_EXT   0x8D46
#define GL_STENCIL_INDEX4_EXT   0x8D47
#define GL_STENCIL_INDEX8_EXT   0x8D48
#define GL_STENCIL_INDEX16_EXT  0x8D49
#define GL_RENDERBUFFER_RED_SIZE_EXT    0x8D50
#define GL_RENDERBUFFER_GREEN_SIZE_EXT  0x8D51
#define GL_RENDERBUFFER_BLUE_SIZE_EXT   0x8D52
#define GL_RENDERBUFFER_ALPHA_SIZE_EXT  0x8D53
#define GL_RENDERBUFFER_DEPTH_SIZE_EXT  0x8D54
#define GL_RENDERBUFFER_STENCIL_SIZE_EXT        0x8D55
#define GL_3DFX_multisample     1
#define GL_3DFX_tbuffer 1
#define GL_3DFX_texture_compression_FXT1        1
#define GL_ARB_color_buffer_float       1
#define GL_ARB_depth_texture    1
#define GL_ARB_draw_buffers     1
#define GL_ARB_fragment_program 1
#define GL_ARB_fragment_program_shadow  1
#define GL_ARB_fragment_shader  1
#define GL_ARB_half_float_pixel 1
#define GL_ARB_matrix_palette   1
#define GL_ARB_multisample      1
#define GL_ARB_occlusion_query  1
#define GL_ARB_pixel_buffer_object      1
#define GL_ARB_point_parameters 1
#define GL_ARB_point_sprite     1
#define GL_ARB_shader_objects   1
#define GL_ARB_shading_language_100     1
#define GL_ARB_shadow   1
#define GL_ARB_shadow_ambient   1
#define GL_ARB_texture_border_clamp     1
#define GL_ARB_texture_compression      1
#define GL_ARB_texture_cube_map 1
#define GL_ARB_texture_env_add  1
#define GL_ARB_texture_env_combine      1
#define GL_ARB_texture_env_crossbar     1
#define GL_ARB_texture_env_dot3 1
#define GL_ARB_texture_float    1
#define GL_ARB_texture_mirrored_repeat  1
#define GL_ARB_texture_non_power_of_two 1
#define GL_ARB_texture_rectangle        1
#define GL_ARB_transpose_matrix 1
#define GL_ARB_vertex_blend     1
#define GL_ARB_vertex_buffer_object     1
#define GL_ARB_vertex_program   1
#define GL_ARB_vertex_shader    1
#define GL_ARB_window_pos       1
#define GL_ATI_draw_buffers     1
#define GL_ATI_element_array    1
#define GL_ATI_envmap_bumpmap   1
#define GL_ATI_fragment_shader  1
#define GL_ATI_map_object_buffer        1
#define GL_ATI_pixel_format_float       1
#define GL_ATI_pn_triangles     1
#define GL_ATI_separate_stencil 1
#define GL_ATI_text_fragment_shader     1
#define GL_ATI_texture_env_combine3     1
#define GL_ATI_texture_float    1
#define GL_ATI_texture_mirror_once      1
#define GL_ATI_vertex_array_object      1
#define GL_ATI_vertex_attrib_array_object       1
#define GL_ATI_vertex_streams   1
```

© 2008 Linux Foundation

```
#define GL_EXT_422_pixels       1
#define GL_EXT_abgr     1
#define GL_EXT_bgra     1
#define GL_EXT_blend_color      1
#define GL_EXT_blend_equation_separate  1
#define GL_EXT_blend_func_separate      1
#define GL_EXT_blend_logic_op   1
#define GL_EXT_blend_minmax     1
#define GL_EXT_blend_subtract   1
#define GL_EXT_clip_volume_hint 1
#define GL_EXT_cmyka    1
#define GL_EXT_color_subtable   1
#define GL_EXT_compiled_vertex_array    1
#define GL_EXT_convolution      1
#define GL_EXT_coordinate_frame 1
#define GL_EXT_copy_texture     1
#define GL_EXT_cull_vertex      1
#define GL_EXT_depth_bounds_test        1
#define GL_EXT_draw_range_elements      1
#define GL_EXT_fog_coord        1
#define GL_EXT_framebuffer_object       1
#define GL_EXT_histogram        1
#define GL_EXT_index_array_formats      1
#define GL_EXT_index_func       1
#define GL_EXT_index_material   1
#define GL_EXT_index_texture    1
#define GL_EXT_light_texture    1
#define GL_EXT_misc_attribute   1
#define GL_EXT_multi_draw_arrays        1
#define GL_EXT_multisample      1
#define GL_EXT_packed_pixels    1
#define GL_EXT_paletted_texture 1
#define GL_EXT_pixel_buffer_object      1
#define GL_EXT_pixel_transform  1
#define GL_EXT_pixel_transform_color_table      1
#define GL_EXT_point_parameters 1
#define GL_EXT_polygon_offset   1
#define GL_EXT_rescale_normal   1
#define GL_EXT_secondary_color  1
#define GL_EXT_separate_specular_color  1
#define GL_EXT_shadow_funcs     1
#define GL_EXT_shared_texture_palette   1
#define GL_EXT_stencil_two_side 1
#define GL_EXT_stencil_wrap     1
#define GL_EXT_subtexture       1
#define GL_EXT_texture  1
#define GL_EXT_texture3D        1
#define GL_EXT_texture_env_add  1
#define GL_EXT_texture_env_combine      1
#define GL_EXT_texture_env_dot3 1
#define GL_EXT_texture_filter_anisotropic       1
#define GL_EXT_texture_lod_bias 1
#define GL_EXT_texture_mirror_clamp     1
#define GL_EXT_texture_object   1
#define GL_EXT_texture_perturb_normal   1
#define GL_EXT_vertex_array     1
#define GL_EXT_vertex_shader    1
#define GL_EXT_vertex_weighting 1
#define GL_GREMEDY_string_marker        1
#define GL_HP_convolution_border_modes  1
#define GL_HP_image_transform   1
#define GL_HP_occlusion_test    1
#define GL_HP_texture_lighting  1
#define GL_IBM_cull_vertex      1
#define GL_IBM_multimode_draw_arrays    1
#define GL_IBM_rasterpos_clip   1
```

```
#define GL_IBM_vertex_array_lists       1
#define GL_INGR_blend_func_separate     1
#define GL_INGR_color_clamp     1
#define GL_INGR_interlace_read  1
#define GL_INTEL_parallel_arrays        1
#define GL_OES_read_format      1
#define GL_PGI_misc_hints       1
#define GL_PGI_vertex_hints     1
#define GL_REND_screen_coordinates      1
#define GL_S3_s3tc      1
#define GL_SUNX_constant_data   1
#define GL_SUN_convolution_border_modes 1
#define GL_SUN_global_alpha     1
#define GL_SUN_mesh_array       1
#define GL_SUN_slice_accum      1
#define GL_SUN_triangle_list    1
#define GL_SUN_vertex   1
#define GL_VERSION_1_4  1
#define GL_VERSION_1_5  1
#define GL_VERSION_2_0  1
#define GL_WIN_phong_shading    1
#define GL_WIN_specular_fog     1
#define GL_CULL_VERTEX_IBM      103050
#define GL_VERTEX_ARRAY_LIST_IBM        103070
#define GL_NORMAL_ARRAY_LIST_IBM        103071
#define GL_COLOR_ARRAY_LIST_IBM 103072
#define GL_INDEX_ARRAY_LIST_IBM 103073
#define GL_TEXTURE_COORD_ARRAY_LIST_IBM 103074
#define GL_EDGE_FLAG_ARRAY_LIST_IBM     103075
#define GL_FOG_COORDINATE_ARRAY_LIST_IBM        103076
#define GL_SECONDARY_COLOR_ARRAY_LIST_IBM       103077
#define GL_VERTEX_ARRAY_LIST_STRIDE_IBM 103080
#define GL_NORMAL_ARRAY_LIST_STRIDE_IBM 103081
#define GL_COLOR_ARRAY_LIST_STRIDE_IBM  103082
#define GL_INDEX_ARRAY_LIST_STRIDE_IBM  103083
#define GL_TEXTURE_COORD_ARRAY_LIST_STRIDE_IBM  103084
#define GL_EDGE_FLAG_ARRAY_LIST_STRIDE_IBM      103085
#define GL_FOG_COORDINATE_ARRAY_LIST_STRIDE_IBM 103086
#define GL_SECONDARY_COLOR_ARRAY_LIST_STRIDE_IBM        103087
#define GL_BLEND_EQUATION_RGB   GL_BLEND_EQUATION
#define GL_BLEND_EQUATION_RGB_EXT       GL_BLEND_EQUATION
#define GL_CURRENT_FOG_COORD    GL_CURRENT_FOG_COORDINATE
#define GL_FOG_COORD    GL_FOG_COORDINATE
#define GL_FOG_COORD_ARRAY      GL_FOG_COORDINATE_ARRAY
#define                                 GL_FOG_COORD_ARRAY_POINTER
GL_FOG_COORDINATE_ARRAY_POINTER
#define                                  GL_FOG_COORD_ARRAY_STRIDE
GL_FOG_COORDINATE_ARRAY_STRIDE
#define GL_FOG_COORD_ARRAY_TYPE GL_FOG_COORDINATE_ARRAY_TYPE
#define GL_FOG_COORD_SRC        GL_FOG_COORDINATE_SOURCE
#define                            GL_READ_FRAMEBUFFER_BINDING_EXT
GL_FRAMEBUFFER_BINDING_EXT
#define GL_MODELVIEW0_EXT       GL_MODELVIEW
#define GL_MODELVIEW0_MATRIX_EXT        GL_MODELVIEW_MATRIX
#define GL_MODELVIEW0_STACK_DEPTH_EXT   GL_MODELVIEW_STACK_DEPTH
#define GL_SRC0_ALPHA   GL_SOURCE0_ALPHA
#define GL_SRC0_RGB     GL_SOURCE0_RGB
#define GL_SRC1_ALPHA   GL_SOURCE1_ALPHA
#define GL_SRC1_RGB     GL_SOURCE1_RGB
#define GL_SRC2_ALPHA   GL_SOURCE2_ALPHA
#define GL_SRC2_RGB     GL_SOURCE2_RGB

typedef unsigned int GLhandleARB;
typedef long int GLintptr;
typedef char GLchar;
typedef char GLcharARB;
```

© 2008 Linux Foundation

```
typedef ptrdiff_t GLsizeiptr;
typedef ptrdiff_t GLsizeiptrARB;
typedef long int GLintptrARB;
```

7.2.3 GL/glx.h

```
#define GLX_EXTENSION_NAME      "GLX"
#define GLX_FRONT_LEFT_BUFFER_BIT       0x00000001
#define GLX_RGBA_BIT    0x00000001
#define GLX_WINDOW_BIT  0x00000001
#define GLX_COLOR_INDEX_BIT     0x00000002
#define GLX_FRONT_RIGHT_BUFFER_BIT      0x00000002
#define GLX_PIXMAP_BIT  0x00000002
#define GLX_BACK_LEFT_BUFFER_BIT        0x00000004
#define GLX_PBUFFER_BIT 0x00000004
#define GLX_BACK_RIGHT_BUFFER_BIT       0x00000008
#define GLX_AUX_BUFFERS_BIT     0x00000010
#define GLX_DEPTH_BUFFER_BIT    0x00000020
#define GLX_STENCIL_BUFFER_BIT  0x00000040
#define GLX_ACCUM_BUFFER_BIT    0x00000080
#define GLX_PBUFFER_CLOBBER_MASK        0x08000000
#define GLX_SAMPLE_BUFFERS      0x186a0
#define GLX_SAMPLES     0x186a1
#define GLX_CONFIG_CAVEAT       0x20
#define GLX_X_VISUAL_TYPE       0x22
#define GLX_TRANSPARENT_TYPE    0x23
#define GLX_TRANSPARENT_INDEX_VALUE     0x24
#define GLX_TRANSPARENT_RED_VALUE       0x25
#define GLX_TRANSPARENT_GREEN_VALUE     0x26
#define GLX_TRANSPARENT_BLUE_VALUE      0x27
#define GLX_TRANSPARENT_ALPHA_VALUE     0x28
#define GLX_NONE        0x8000
#define GLX_SLOW_CONFIG 0x8001
#define GLX_TRUE_COLOR  0x8002
#define GLX_DIRECT_COLOR        0x8003
#define GLX_PSEUDO_COLOR        0x8004
#define GLX_STATIC_COLOR        0x8005
#define GLX_GRAY_SCALE  0x8006
#define GLX_STATIC_GRAY 0x8007
#define GLX_TRANSPARENT_RGB     0x8008
#define GLX_TRANSPARENT_INDEX   0x8009
#define GLX_VISUAL_ID   0x800B
#define GLX_SCREEN      0x800C
#define GLX_NON_CONFORMANT_CONFIG       0x800D
#define GLX_DRAWABLE_TYPE       0x8010
#define GLX_RENDER_TYPE 0x8011
#define GLX_X_RENDERABLE        0x8012
#define GLX_FBCONFIG_ID 0x8013
#define GLX_RGBA_TYPE   0x8014
#define GLX_COLOR_INDEX_TYPE    0x8015
#define GLX_MAX_PBUFFER_WIDTH   0x8016
#define GLX_MAX_PBUFFER_HEIGHT  0x8017
#define GLX_MAX_PBUFFER_PIXELS  0x8018
#define GLX_PRESERVED_CONTENTS  0x801B
#define GLX_LARGEST_PBUFFER     0x801C
#define GLX_WIDTH       0x801D
#define GLX_HEIGHT      0x801E
#define GLX_EVENT_MASK  0x801F
#define GLX_DAMAGED     0x8020
#define GLX_SAVED       0x8021
#define GLX_WINDOW      0x8022
#define GLX_PBUFFER     0x8023
#define GLX_PBUFFER_HEIGHT      0x8040
#define GLX_PBUFFER_WIDTH       0x8041
```

```
#define GLX_DONT_CARE   0xFFFFFFFF
#define GLX_ARB_get_proc_address        1
#define GLX_ARB_render_texture  1
#define GLX_BAD_SCREEN  1
#define GLX_EXT_texture_from_pixmap     1
#define GLX_USE_GL      1
#define GLX_VENDOR      1
#define GLX_VERSION_1_1 1
#define GLX_VERSION_1_2 1
#define GLX_VERSION_1_3 1
#define GLX_VERSION_1_4 1
#define GLX_BLUE_SIZE   10
#define GLX_ALPHA_SIZE  11
#define GLX_DEPTH_SIZE  12
#define GLX_STENCIL_SIZE        13
#define GLX_ACCUM_RED_SIZE      14
#define GLX_ACCUM_GREEN_SIZE    15
#define GLX_ACCUM_BLUE_SIZE     16
#define GLX_ACCUM_ALPHA_SIZE    17
#define GLX_BAD_ATTRIBUTE       2
#define GLX_BUFFER_SIZE 2
#define GLX_VERSION     2
#define GLX_EXTENSIONS  3
#define GLX_LEVEL       3
#define GLX_NO_EXTENSION        3
#define GLX_BAD_VISUAL  4
#define GLX_RGBA        4
#define GLX_BAD_CONTEXT 5
#define GLX_DOUBLEBUFFER        5
#define GLX_BAD_VALUE   6
#define GLX_GLXEXT_VERSION      6
#define GLX_STEREO      6
#define GLX_AUX_BUFFERS 7
#define GLX_BAD_ENUM    7
#define GLX_RED_SIZE    8
#define GLX_GREEN_SIZE  9

typedef struct __GLXcontextRec *GLXContext;
typedef struct __GLXFBConfigRec *GLXFBConfig;
typedef XID GLXDrawable;
typedef union __GLXEvent {
    GLXPbufferClobberEvent glxpbufferclobber;
    long int pad;
} GLXEvent;
typedef XID GLXContextID;
typedef XID GLXPixmap;
typedef struct {
    int event_type;
    int draw_type;
    unsigned long int serial;
    int send_event;
    Display *display;
    GLXDrawable drawable;
    unsigned int buffer_mask;
    unsigned int aux_buffer;
    int x;
    int y;
    int width;
    int height;
    int count;
} GLXPbufferClobberEvent;
typedef XID GLXPbuffer;
typedef XID GLXWindow;
typedef XID GLXFBConfigID;
typedef void (*__GLXextFuncPtr) (void);
extern GLXFBConfig *glXChooseFBConfig(Display * dpy, int screen,
```

```
                                        const int *attribList, int
*nitems);
extern XVisualInfo *glXChooseVisual(Display * dpy, int screen,
                                    int *attribList);
extern void glXCopyContext(Display * dpy, struct __GLXcontextRec
*src,
                           struct __GLXcontextRec *dst,
                           long unsigned int mask);
extern GLXContext glXCreateContext(Display * dpy, XVisualInfo *
vis,
                                           struct __GLXcontextRec
*shareList,
                                   int direct);
extern GLXPixmap glXCreateGLXPixmap(Display * dpy, XVisualInfo *
vis,
                                    Pixmap pixmap);
extern GLXContext glXCreateNewContext(Display * dpy,
                                           struct __GLXFBConfigRec
*config,
                                     int renderType,
                                          struct __GLXcontextRec
*shareList,
                                     int direct);
extern GLXPbuffer glXCreatePbuffer(Display * dpy,
                                           struct __GLXFBConfigRec
*config,
                                   const int *attribList);
extern GLXPixmap glXCreatePixmap(Display * dpy,
                                 struct __GLXFBConfigRec *config,
                                        Pixmap pixmap, const int
*attribList);
extern GLXWindow glXCreateWindow(Display * dpy,
                                 struct __GLXFBConfigRec *config,
                                           Window win, const int
*attribList);
extern    void    glXDestroyContext(Display    *    dpy,    struct
__GLXcontextRec *ctx);
extern void glXDestroyGLXPixmap(Display * dpy, GLXPixmap pix);
extern void glXDestroyPbuffer(Display * dpy, GLXPbuffer pbuf);
extern void glXDestroyPixmap(Display * dpy, GLXPixmap pixmap);
extern void glXDestroyWindow(Display * dpy, GLXWindow window);
extern const char *glXGetClientString(Display * dpy, int name);
extern  int  glXGetConfig(Display  *  dpy,  XVisualInfo  *  vis,  int
attrib,
                          int *value);
extern GLXContext glXGetCurrentContext(void);
extern Display *glXGetCurrentDisplay(void);
extern GLXDrawable glXGetCurrentDrawable(void);
extern GLXDrawable glXGetCurrentReadDrawable(void);
extern  int  glXGetFBConfigAttrib(Display  *  dpy,  GLXFBConfig
config,
                                  int attribute, int *value);
extern GLXFBConfig *glXGetFBConfigs(Display * dpy, int screen,
                                    int *nelements);
extern  void  glXGetSelectedEvent(Display  *  dpy,  GLXDrawable
drawable,
                                  unsigned long int *mask);
extern XVisualInfo *glXGetVisualFromFBConfig(Display * dpy,
                                             GLXFBConfig config);
extern  int  glXIsDirect(Display  *  dpy,  struct  __GLXcontextRec
*ctx);
extern int glXMakeContextCurrent(Display * dpy, GLXDrawable draw,
                                 GLXDrawable read, GLXContext
ctx);
extern int glXMakeCurrent(Display * dpy, GLXDrawable drawable,
                          struct __GLXcontextRec *ctx);
```

```
extern int glXQueryContext(Display * dpy, GLXContext ctx, int
attribute,
                           int *value);
extern void glXQueryDrawable(Display * dpy, GLXDrawable draw,
                            int attribute, unsigned int *value);
extern int glXQueryExtension(Display * dpy, int *errorBase,
                            int *eventBase);
extern const char *glXQueryExtensionsString(Display * dpy, int
screen);
extern const char *glXQueryServerString(Display * dpy, int
screen,
                                        int name);
extern int glXQueryVersion(Display * dpy, int *major, int
*minor);
extern void glXSelectEvent(Display * dpy, GLXDrawable drawable,
                           long unsigned int mask);
extern void glXSwapBuffers(Display * dpy, GLXDrawable drawable);
extern void glXUseXFont(Font font, int first, int count, int
listBase);
extern void glXWaitGL(void);
extern void glXWaitX(void);
```

7.2.4 GL/glxext.h

```
#define GLX_VISUAL_CAVEAT_EXT   0x20
#define GLX_X_VISUAL_TYPE_EXT   0x22
#define GLX_TRANSPARENT_TYPE_EXT        0x23
#define GLX_TRANSPARENT_INDEX_VALUE_EXT 0x24
#define GLX_TRANSPARENT_RED_VALUE_EXT   0x25
#define GLX_TRANSPARENT_GREEN_VALUE_EXT 0x26
#define GLX_TRANSPARENT_BLUE_VALUE_EXT  0x27
#define GLX_TRANSPARENT_ALPHA_VALUE_EXT 0x28
#define GLX_NONE_EXT    0x8000
#define GLX_SLOW_VISUAL_EXT     0x8001
#define GLX_TRUE_COLOR_EXT      0x8002
#define GLX_DIRECT_COLOR_EXT    0x8003
#define GLX_PSEUDO_COLOR_EXT    0x8004
#define GLX_STATIC_COLOR_EXT    0x8005
#define GLX_GRAY_SCALE_EXT      0x8006
#define GLX_STATIC_GRAY_EXT     0x8007
#define GLX_TRANSPARENT_RGB_EXT 0x8008
#define GLX_TRANSPARENT_INDEX_EXT       0x8009
#define GLX_SHARE_CONTEXT_EXT   0x800A
#define GLX_VISUAL_ID_EXT       0x800B
#define GLX_SCREEN_EXT  0x800C
#define GLX_NON_CONFORMANT_VISUAL_EXT   0x800D
#define GLX_SAMPLE_BUFFERS_3DFX 0x8050
#define GLX_SAMPLES_3DFX        0x8051
#define GLX_ARB_multisample     1
#define GLX_EXT_import_context  1
#define GLX_EXT_visual_info     1
#define GLX_EXT_visual_rating   1
#define GLX_SUN_get_transparent_index   1
#define GLX_SAMPLE_BUFFERS_ARB  100000
#define GLX_SAMPLES_ARB 100001

extern void glXFreeContextEXT(Display *, GLXContext);
extern GLXContextID glXGetContextIDEXT(GLXContext);
extern   __GLXextFuncPtr   glXGetProcAddressARB(const   GLubyte   *
procName);
extern GLXContext glXImportContextEXT(Display *, GLXContextID);
extern int glXQueryContextInfoEXT(Display *, GLXContext, int, int
*);
```

7.3 Interfaces for libGLU

Table 7-4 defines the library name and shared object name for the libGLU library

Table 7-4 libGLU Definition

Library:	libGLU
SONAME:	libGLU.so.1

The behavior of the interfaces in this library is specified by the following specifications:

[GLU] OpenGL Utilities

7.3.1 GL Utilities

7.3.1.1 Interfaces for GL Utilities

An LSB conforming implementation shall provide the generic functions for GL Utilities specified in Table 7-5, with the full mandatory functionality as described in the referenced underlying specification.

Table 7-5 libGLU - GL Utilities Function Interfaces

gluBeginCurve [GLU]	gluBeginPolygon [GLU]	gluBeginSurface [GLU]	gluBeginTrim [GLU]
gluBuild1DMipmapLevels [GLU]	gluBuild1DMipmaps [GLU]	gluBuild2DMipmapLevels [GLU]	gluBuild2DMipmaps [GLU]
gluBuild3DMipmapLevels [GLU]	gluBuild3DMipmaps [GLU]	gluCheckExtension [GLU]	gluCylinder [GLU]
gluDeleteNurbsRenderer [GLU]	gluDeleteQuadric [GLU]	gluDeleteTess [GLU]	gluDisk [GLU]
gluEndCurve [GLU]	gluEndPolygon [GLU]	gluEndSurface [GLU]	gluEndTrim [GLU]
gluErrorString [GLU]	gluGetNurbsProperty [GLU]	gluGetString [GLU]	gluGetTessProperty [GLU]
gluLoadSamplingMatrices [GLU]	gluLookAt [GLU]	gluNewNurbsRenderer [GLU]	gluNewQuadric [GLU]
gluNewTess [GLU]	gluNextContour [GLU]	gluNurbsCallback [GLU]	gluNurbsCallbackData [GLU]
gluNurbsCallbackDataEXT [GLU]	gluNurbsCurve [GLU]	gluNurbsProperty [GLU]	gluNurbsSurface [GLU]
gluOrtho2D [GLU]	gluPartialDisk [GLU]	gluPerspective [GLU]	gluPickMatrix [GLU]
gluProject [GLU]	gluPwlCurve [GLU]	gluQuadricCallback [GLU]	gluQuadricDrawStyle [GLU]
gluQuadricNormals [GLU]	gluQuadricOrientation [GLU]	gluQuadricTexture [GLU]	gluScaleImage [GLU]

gluSphere [GLU]	gluTessBeginContour [GLU]	gluTessBeginPolygon [GLU]	gluTessCallback [GLU]
gluTessEndContour [GLU]	gluTessEndPolygon [GLU]	gluTessNormal [GLU]	gluTessProperty [GLU]
gluTessVertex [GLU]	gluUnProject [GLU]	gluUnProject4 [GLU]	

7.4 Data Definitions for libGLU

This section defines global identifiers and their values that are associated with interfaces contained in libGLU. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

7.4.1 GL/glu.h

```
#define GLU_FALSE       0
#define GLU_EXT_nurbs_tessellator       1
#define GLU_EXT_object_space_tess       1
#define GLU_TRUE        1
#define GLU_VERSION_1_1 1
#define GLU_VERSION_1_2 1
#define GLU_VERSION_1_3 1
#define GLU_TESS_MAX_COORD      1.0e150
#define GLU_SMOOTH      100000
#define GLU_FLAT        100001
#define GLU_NONE        100002
#define GLU_POINT       100010
#define GLU_LINE        100011
#define GLU_FILL        100012
#define GLU_SILHOUETTE  100013
#define GLU_OUTSIDE     100020
#define GLU_INSIDE      100021
#define GLU_BEGIN       100100
#define GLU_TESS_BEGIN  100100
#define GLU_TESS_VERTEX 100101
#define GLU_VERTEX      100101
#define GLU_END 100102
#define GLU_TESS_END    100102
#define GLU_ERROR       100103
#define GLU_NURBS_ERROR 100103
#define GLU_TESS_ERROR  100103
#define GLU_EDGE_FLAG   100104
#define GLU_TESS_EDGE_FLAG      100104
#define GLU_TESS_COMBINE        100105
#define GLU_TESS_BEGIN_DATA     100106
#define GLU_TESS_VERTEX_DATA    100107
```

© 2008 Linux Foundation

```
#define GLU_TESS_END_DATA       100108
#define GLU_TESS_ERROR_DATA     100109
#define GLU_TESS_EDGE_FLAG_DATA 100110
#define GLU_TESS_COMBINE_DATA   100111
#define GLU_CW  100120
#define GLU_CCW 100121
#define GLU_INTERIOR    100122
#define GLU_EXTERIOR    100123
#define GLU_UNKNOWN     100124
#define GLU_TESS_WINDING_ODD    100130
#define GLU_TESS_WINDING_NONZERO        100131
#define GLU_TESS_WINDING_POSITIVE       100132
#define GLU_TESS_WINDING_NEGATIVE       100133
#define GLU_TESS_WINDING_ABS_GEQ_TWO    100134
#define GLU_TESS_WINDING_RULE   100140
#define GLU_TESS_BOUNDARY_ONLY  100141
#define GLU_TESS_TOLERANCE      100142
#define GLU_TESS_ERROR1 100151
#define GLU_TESS_MISSING_BEGIN_POLYGON  100151
#define GLU_TESS_ERROR2 100152
#define GLU_TESS_MISSING_BEGIN_CONTOUR  100152
#define GLU_TESS_ERROR3 100153
#define GLU_TESS_MISSING_END_POLYGON    100153
#define GLU_TESS_ERROR4 100154
#define GLU_TESS_MISSING_END_CONTOUR    100154
#define GLU_TESS_COORD_TOO_LARGE        100155
#define GLU_TESS_ERROR5 100155
#define GLU_TESS_ERROR6 100156
#define GLU_TESS_NEED_COMBINE_CALLBACK  100156
#define GLU_TESS_ERROR7 100157
#define GLU_TESS_ERROR8 100158
#define GLU_NURBS_MODE  100160
#define GLU_NURBS_MODE_EXT      100160
#define GLU_NURBS_TESSELLATOR   100161
#define GLU_NURBS_TESSELLATOR_EXT       100161
#define GLU_NURBS_RENDERER      100162
#define GLU_NURBS_RENDERER_EXT  100162
#define GLU_NURBS_BEGIN 100164
#define GLU_NURBS_BEGIN_EXT     100164
#define GLU_NURBS_VERTEX        100165
#define GLU_NURBS_VERTEX_EXT    100165
#define GLU_NURBS_NORMAL        100166
#define GLU_NURBS_NORMAL_EXT    100166
#define GLU_NURBS_COLOR 100167
#define GLU_NURBS_COLOR_EXT     100167
#define GLU_NURBS_TEXTURE_COORD 100168
#define GLU_NURBS_TEX_COORD_EXT 100168
#define GLU_NURBS_END   100169
#define GLU_NURBS_END_EXT       100169
#define GLU_NURBS_BEGIN_DATA    100170
#define GLU_NURBS_BEGIN_DATA_EXT        100170
#define GLU_NURBS_VERTEX_DATA   100171
#define GLU_NURBS_VERTEX_DATA_EXT       100171
#define GLU_NURBS_NORMAL_DATA   100172
#define GLU_NURBS_NORMAL_DATA_EXT       100172
#define GLU_NURBS_COLOR_DATA    100173
#define GLU_NURBS_COLOR_DATA_EXT        100173
#define GLU_NURBS_TEXTURE_COORD_DATA    100174
#define GLU_NURBS_TEX_COORD_DATA_EXT    100174
#define GLU_NURBS_END_DATA      100175
#define GLU_NURBS_END_DATA_EXT  100175
#define GLU_AUTO_LOAD_MATRIX    100200
#define GLU_CULLING     100201
#define GLU_PARAMETRIC_TOLERANCE        100202
#define GLU_SAMPLING_TOLERANCE  100203
#define GLU_DISPLAY_MODE        100204
```

```
#define GLU_SAMPLING_METHOD     100205
#define GLU_U_STEP      100206
#define GLU_V_STEP      100207
#define GLU_OBJECT_PARAMETRIC_ERROR     100208
#define GLU_OBJECT_PARAMETRIC_ERROR_EXT 100208
#define GLU_OBJECT_PATH_LENGTH  100209
#define GLU_OBJECT_PATH_LENGTH_EXT      100209
#define GLU_MAP1_TRIM_2 100210
#define GLU_MAP1_TRIM_3 100211
#define GLU_PATH_LENGTH 100215
#define GLU_PARAMETRIC_ERROR    100216
#define GLU_DOMAIN_DISTANCE     100217
#define GLU_OUTLINE_POLYGON     100240
#define GLU_OUTLINE_PATCH       100241
#define GLU_NURBS_ERROR1        100251
#define GLU_NURBS_ERROR2        100252
#define GLU_NURBS_ERROR3        100253
#define GLU_NURBS_ERROR4        100254
#define GLU_NURBS_ERROR5        100255
#define GLU_NURBS_ERROR6        100256
#define GLU_NURBS_ERROR7        100257
#define GLU_NURBS_ERROR8        100258
#define GLU_NURBS_ERROR9        100259
#define GLU_NURBS_ERROR10       100260
#define GLU_NURBS_ERROR11       100261
#define GLU_NURBS_ERROR12       100262
#define GLU_NURBS_ERROR13       100263
#define GLU_NURBS_ERROR14       100264
#define GLU_NURBS_ERROR15       100265
#define GLU_NURBS_ERROR16       100266
#define GLU_NURBS_ERROR17       100267
#define GLU_NURBS_ERROR18       100268
#define GLU_NURBS_ERROR19       100269
#define GLU_NURBS_ERROR20       100270
#define GLU_NURBS_ERROR21       100271
#define GLU_NURBS_ERROR22       100272
#define GLU_NURBS_ERROR23       100273
#define GLU_NURBS_ERROR24       100274
#define GLU_NURBS_ERROR25       100275
#define GLU_NURBS_ERROR26       100276
#define GLU_NURBS_ERROR27       100277
#define GLU_NURBS_ERROR28       100278
#define GLU_NURBS_ERROR29       100279
#define GLU_NURBS_ERROR30       100280
#define GLU_NURBS_ERROR31       100281
#define GLU_NURBS_ERROR32       100282
#define GLU_NURBS_ERROR33       100283
#define GLU_NURBS_ERROR34       100284
#define GLU_NURBS_ERROR35       100285
#define GLU_NURBS_ERROR36       100286
#define GLU_NURBS_ERROR37       100287
#define GLU_VERSION     100800
#define GLU_EXTENSIONS  100801
#define GLU_INVALID_ENUM        100900
#define GLU_INVALID_VALUE       100901
#define GLU_OUT_OF_MEMORY       100902
#define GLU_INCOMPATIBLE_GL_VERSION     100903
#define GLU_INVALID_OPERATION   100904

typedef void *_GLUfuncptr;
typedef struct GLUtesselator GLUtesselatorObj;
typedef struct GLUtesselator GLUtriangulatorObj;
typedef struct GLUquadric GLUquadricObj;
typedef struct GLUnurbs GLUnurbsObj;
typedef struct GLUnurbs GLUnurbs;
typedef struct GLUquadric GLUquadric;
```

```
typedef struct GLUtesselator GLUtesselator;
extern void gluBeginCurve(GLUnurbs * nurb);
extern void gluBeginPolygon(GLUtesselator * tess);
extern void gluBeginSurface(GLUnurbs * nurb);
extern void gluBeginTrim(GLUnurbs * nurb);
extern   GLint   gluBuild1DMipmapLevels(GLenum   target,   GLint
internalFormat,
                                        GLsizei width, GLenum format,
                                            GLenum type, GLint level,
GLint base,
                                        GLint max, const void *data);
extern    GLint    gluBuild1DMipmaps(GLenum    target,    GLint
internalFormat,
                                        GLsizei width, GLenum format,
GLenum type,
                                  const void *data);
extern   GLint   gluBuild2DMipmapLevels(GLenum   target,   GLint
internalFormat,
                                           GLsizei width, GLsizei
height,
                                        GLenum format, GLenum type,
                                             GLint level, GLint base,
GLint max,
                                        const void *data);
extern    GLint    gluBuild2DMipmaps(GLenum    target,    GLint
internalFormat,
                                  GLsizei width, GLsizei height,
                                  GLenum format, GLenum type,
                                  const void *data);
extern   GLint   gluBuild3DMipmapLevels(GLenum   target,   GLint
internalFormat,
                                           GLsizei width, GLsizei
height,
                                        GLsizei depth, GLenum format,
                                            GLenum type, GLint level,
GLint base,
                                        GLint max, const void *data);
extern    GLint    gluBuild3DMipmaps(GLenum    target,    GLint
internalFormat,
                                  GLsizei width, GLsizei height,
                                       GLsizei depth, GLenum format,
GLenum type,
                                  const void *data);
extern GLboolean gluCheckExtension(const GLubyte * extName,
                                   const GLubyte * extString);
extern  void  gluCylinder(GLUquadric  *  quad,  GLdouble  base,
GLdouble top,
                          GLdouble height, GLint slices, GLint
stacks);
extern void gluDeleteNurbsRenderer(GLUnurbs * nurb);
extern void gluDeleteQuadric(GLUquadric * quad);
extern void gluDeleteTess(GLUtesselator * tess);
extern void gluDisk(GLUquadric * quad, GLdouble inner, GLdouble
outer,
                    GLint slices, GLint loops);
extern void gluEndCurve(GLUnurbs * nurb);
extern void gluEndPolygon(GLUtesselator * tess);
extern void gluEndSurface(GLUnurbs * nurb);
extern void gluEndTrim(GLUnurbs * nurb);
extern const GLubyte *gluErrorString(GLenum error);
extern void gluGetNurbsProperty(GLUnurbs * nurb, GLenum property,
                                GLfloat * data);
extern const GLubyte *gluGetString(GLenum name);
extern  void  gluGetTessProperty(GLUtesselator  *  tess,  GLenum
which,
                                 GLdouble * data);
```

```
extern void gluLoadSamplingMatrices(GLUnurbs * nurb, const
GLfloat * model,
                                    const GLfloat * perspective,
                                    const GLint * view);
extern void gluLookAt(GLdouble eyeX, GLdouble eyeY, GLdouble
eyeZ,
                              GLdouble centerX, GLdouble centerY,
GLdouble centerZ,
                      GLdouble upX, GLdouble upY, GLdouble upZ);
extern GLUnurbs *gluNewNurbsRenderer(void);
extern GLUquadric *gluNewQuadric(void);
extern GLUtesselator *gluNewTess(void);
extern void gluNextContour(GLUtesselator * tess, GLenum type);
extern void gluNurbsCallback(GLUnurbs * nurb, GLenum which,
                             _GLUfuncptr CallBackFunc);
extern void gluNurbsCallbackData(GLUnurbs * nurb, GLvoid *
userData);
extern void gluNurbsCallbackDataEXT(GLUnurbs * nurb, GLvoid *
userData);
extern void gluNurbsCurve(GLUnurbs * nurb, GLint knotCount,
                          GLfloat * knots, GLint stride, GLfloat
* control,
                         GLint order, GLenum type);
extern void gluNurbsProperty(GLUnurbs * nurb, GLenum property,
                           GLfloat value);
extern void gluNurbsSurface(GLUnurbs * nurb, GLint sKnotCount,
                          GLfloat * sKnots, GLint tKnotCount,
                               GLfloat * tKnots, GLint sStride,
GLint tStride,
                               GLfloat * control, GLint sOrder,
GLint tOrder,
                          GLenum type);
extern void gluOrtho2D(GLdouble left, GLdouble right, GLdouble
bottom,
                       GLdouble top);
extern void gluPartialDisk(GLUquadric * quad, GLdouble inner,
                           GLdouble outer, GLint slices, GLint
loops,
                          GLdouble start, GLdouble sweep);
extern void gluPerspective(GLdouble fovy, GLdouble aspect,
GLdouble zNear,
                          GLdouble zFar);
extern void gluPickMatrix(GLdouble x, GLdouble y, GLdouble delX,
                         GLdouble delY, GLint * viewport);
extern GLint gluProject(GLdouble objX, GLdouble objY, GLdouble
objZ,
                        const GLdouble * model, const GLdouble *
proj,
                       const GLint * view, GLdouble * winX,
                       GLdouble * winY, GLdouble * winZ);
extern void gluPwlCurve(GLUnurbs * nurb, GLint count, GLfloat *
data,
                       GLint stride, GLenum type);
extern void gluQuadricCallback(GLUquadric * quad, GLenum which,
                               _GLUfuncptr CallBackFunc);
extern void gluQuadricDrawStyle(GLUquadric * quad, GLenum draw);
extern void gluQuadricNormals(GLUquadric * quad, GLenum normal);
extern void gluQuadricOrientation(GLUquadric * quad, GLenum
orientation);
extern void gluQuadricTexture(GLUquadric * quad, GLboolean
texture);
extern GLint gluScaleImage(GLenum format, GLsizei wIn, GLsizei
hIn,
                           GLenum typeIn, const void *dataIn,
GLsizei wOut,
                          GLsizei hOut, GLenum typeOut, GLvoid *
```

```
dataOut);
extern void gluSphere(GLUquadric * quad, GLdouble radius, GLint
slices,
                      GLint stacks);
extern void gluTessBeginContour(GLUtesselator * tess);
extern void gluTessBeginPolygon(GLUtesselator * tess, GLvoid *
data);
extern void gluTessCallback(GLUtesselator * tess, GLenum which,
                            _GLUfuncptr CallBackFunc);
extern void gluTessEndContour(GLUtesselator * tess);
extern void gluTessEndPolygon(GLUtesselator * tess);
extern void gluTessNormal(GLUtesselator * tess, GLdouble valueX,
                          GLdouble valueY, GLdouble valueZ);
extern void gluTessProperty(GLUtesselator * tess, GLenum which,
                            GLdouble data);
extern void gluTessVertex(GLUtesselator * tess, GLdouble *
location,
                          GLvoid * data);
extern GLint gluUnProject(GLdouble winX, GLdouble winY, GLdouble
winZ,
                           const GLdouble * model, const GLdouble
* proj,
                          const GLint * view, GLdouble * objX,
                          GLdouble * objY, GLdouble * objZ);
extern GLint gluUnProject4(GLdouble winX, GLdouble winY, GLdouble
winZ,
                               GLdouble clipW, const GLdouble *
model,
                             const GLdouble * proj, const GLint *
view,
                           GLdouble nearVal, GLdouble farVal,
                           GLdouble * objX, GLdouble * objY,
                           GLdouble * objZ, GLdouble * objW);
```

IV PNG12 library

8 Libraries

8.1 Interfaces for libpng12

Table 8-1 defines the library name and shared object name for the libpng12 library

Table 8-1 libpng12 Definition

Library:	libpng12
SONAME:	libpng12.so.0

The behavior of the interfaces in this library is specified by the following specifications:
[LSB] This Specification

8.1.1 PNG Reference library

8.1.1.1 Interfaces for PNG Reference library

An LSB conforming implementation shall provide the generic functions for PNG Reference library specified in Table 8-2, with the full mandatory functionality as described in the referenced underlying specification.

Table 8-2 libpng12 - PNG Reference library Function Interfaces

png_access_version_number [LSB]	png_check_sig [LSB]	png_convert_from_struct_tm [LSB]
png_convert_from_time_t [LSB]	png_create_info_struct [LSB]	png_create_read_struct [LSB]
png_create_read_struct_2 [LSB]	png_create_write_struct [LSB]	png_create_write_struct_2 [LSB]
png_data_freer [LSB]	png_destroy_info_struct [LSB]	png_destroy_read_struct [LSB]
png_destroy_write_struct [LSB]	png_error [LSB]	png_free [LSB]
png_free_data [LSB]	png_get_IHDR [LSB]	png_get_PLTE [LSB]
png_get_bKGD [LSB]	png_get_bit_depth [LSB]	png_get_cHRM [LSB]
png_get_channels [LSB]	png_get_color_type [LSB]	png_get_error_ptr [LSB]
png_get_gAMA [LSB]	png_get_hIST [LSB]	png_get_header_ver [LSB]
png_get_iCCP [LSB]	png_get_image_height [LSB]	png_get_image_width [LSB]
png_get_interlace_type [LSB]	png_get_io_ptr [LSB]	png_get_libpng_ver [LSB]
png_get_oFFs [LSB]	png_get_pHYs [LSB]	png_get_progressive_ptr [LSB]
png_get_rowbytes	png_get_rows [LSB]	png_get_sBIT [LSB]

[LSB]		
png_get_sRGB [LSB]	png_get_tIME [LSB]	png_get_tRNS [LSB]
png_get_text [LSB]	png_get_unknown_chunks [LSB]	png_get_user_chunk_ptr [LSB]
png_get_valid [LSB]	png_get_x_offset_pixels [LSB]	png_get_x_pixels_per_meter [LSB]
png_get_y_offset_pixels [LSB]	png_get_y_pixels_per_meter [LSB]	png_info_init_3 [LSB]
png_init_io [LSB]	png_malloc [LSB]	png_permit_mng_features [LSB]
png_process_data [LSB]	png_progressive_combine_row [LSB]	png_read_end [LSB]
png_read_image [LSB]	png_read_info [LSB]	png_read_png [LSB]
png_read_row [LSB]	png_read_rows [LSB]	png_read_update_info [LSB]
png_set_IHDR [LSB]	png_set_PLTE [LSB]	png_set_bKGD [LSB]
png_set_background [LSB]	png_set_bgr [LSB]	png_set_cHRM [LSB]
png_set_compression_buffer_size [LSB]	png_set_compression_level [LSB]	png_set_compression_mem_level [LSB]
png_set_compression_method [LSB]	png_set_compression_strategy [LSB]	png_set_compression_window_bits [LSB]
png_set_dither [LSB]	png_set_error_fn [LSB]	png_set_expand [LSB]
png_set_filler [LSB]	png_set_filter [LSB]	png_set_gAMA [LSB]
png_set_gamma [LSB]	png_set_gray_1_2_4_to_8 [LSB]	png_set_gray_to_rgb [LSB]
png_set_hIST [LSB]	png_set_iCCP [LSB]	png_set_interlace_handling [LSB]
png_set_invert_alpha [LSB]	png_set_invert_mono [LSB]	png_set_keep_unknown_chunks [LSB]
png_set_mem_fn [LSB]	png_set_oFFs [LSB]	png_set_pHYs [LSB]
png_set_packing [LSB]	png_set_packswap [LSB]	png_set_palette_to_rgb [LSB]
png_set_progressive_read_fn [LSB]	png_set_read_fn [LSB]	png_set_read_user_chunk_fn [LSB]
png_set_read_user_transform_fn [LSB]	png_set_rgb_to_gray [LSB]	png_set_rows [LSB]
png_set_sBIT [LSB]	png_set_sRGB [LSB]	png_set_sRGB_gAMA_and_cHRM [LSB]
png_set_shift [LSB]	png_set_sig_bytes [LSB]	png_set_strip_16 [LSB]
png_set_strip_alpha [LSB]	png_set_swap [LSB]	png_set_swap_alpha [LSB]
png_set_tIME [LSB]	png_set_tRNS [LSB]	png_set_tRNS_to_alpha [LSB]

© 2008 Linux Foundation

png_set_text [LSB]	png_set_unknown_chunk_location [LSB]	png_set_unknown_chunks [LSB]
png_set_write_fn [LSB]	png_set_write_status_fn [LSB]	png_set_write_user_transform_fn [LSB]
png_sig_cmp [LSB]	png_start_read_image [LSB]	png_warning [LSB]
png_write_chunk [LSB]	png_write_end [LSB]	png_write_flush [LSB]
png_write_image [LSB]	png_write_info [LSB]	png_write_png [LSB]
png_write_row [LSB]	png_write_rows [LSB]	

An LSB conforming implementation shall provide the generic data interfaces for PNG Reference library specified in Table 8-3, with the full mandatory functionality as described in the referenced underlying specification.

Table 8-3 libpng12 - PNG Reference library Data Interfaces

png_libpng_ver [LSB]		

8.2 Data Definitions for libpng12

This section defines global identifiers and their values that are associated with interfaces contained in libpng12. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

8.2.1 png.h

```
#define FARDATA
#define PNGAPI
#define PNG_1_2_X
#define PNG_ASSEMBLER_CODE_SUPPORTED
#define PNG_EASY_ACCESS_SUPPORTED
#define PNG_ERROR_NUMBERS_SUPPORTED
#define PNG_FIXED_POINT_SUPPORTED
#define PNG_FLOATING_POINT_SUPPORTED
#define PNG_FREE_ME_SUPPORTED
#define PNG_HANDLE_AS_UNKNOWN_SUPPORTED
#define PNG_IMPEXP
#define PNG_INFO_IMAGE_SUPPORTED
#define PNG_MMX_CODE_SUPPORTED
#define PNG_MNG_FEATURES_SUPPORTED
#define PNG_NO_READ_iTXt
#define PNG_NO_WRITE_iTXt
#define PNG_PROGRESSIVE_READ_SUPPORTED
```

```
#define PNG_READ_16_TO_8_SUPPORTED
#define PNG_READ_ANCILLARY_CHUNKS_SUPPORTED
#define PNG_READ_BACKGROUND_SUPPORTED
#define PNG_READ_BGR_SUPPORTED
#define PNG_READ_COMPOSITE_NODIV_SUPPORTED
#define PNG_READ_DITHER_SUPPORTED
#define PNG_READ_EMPTY_PLTE_SUPPORTED
#define PNG_READ_EXPAND_SUPPORTED
#define PNG_READ_FILLER_SUPPORTED
#define PNG_READ_GAMMA_SUPPORTED
#define PNG_READ_GRAY_TO_RGB_SUPPORTED
#define PNG_READ_INTERLACING_SUPPORTED
#define PNG_READ_INVERT_ALPHA_SUPPORTED
#define PNG_READ_INVERT_SUPPORTED
#define PNG_READ_OPT_PLTE_SUPPORTED
#define PNG_READ_PACKSWAP_SUPPORTED
#define PNG_READ_PACK_SUPPORTED
#define PNG_READ_RGB_TO_GRAY_SUPPORTED
#define PNG_READ_SHIFT_SUPPORTED
#define PNG_READ_STRIP_ALPHA_SUPPORTED
#define PNG_READ_SUPPORTED
#define PNG_READ_SWAP_ALPHA_SUPPORTED
#define PNG_READ_SWAP_SUPPORTED
#define PNG_READ_TEXT_SUPPORTED
#define PNG_READ_TRANSFORMS_SUPPORTED
#define PNG_READ_UNKNOWN_CHUNKS_SUPPORTED
#define PNG_READ_USER_CHUNKS_SUPPORTED
#define PNG_READ_USER_TRANSFORM_SUPPORTED
#define PNG_READ_bKGD_SUPPORTED
#define PNG_READ_cHRM_SUPPORTED
#define PNG_READ_gAMA_SUPPORTED
#define PNG_READ_hIST_SUPPORTED
#define PNG_READ_iCCP_SUPPORTED
#define PNG_READ_oFFs_SUPPORTED
#define PNG_READ_pCAL_SUPPORTED
#define PNG_READ_pHYs_SUPPORTED
#define PNG_READ_sBIT_SUPPORTED
#define PNG_READ_sCAL_SUPPORTED
#define PNG_READ_sPLT_SUPPORTED
#define PNG_READ_sRGB_SUPPORTED
#define PNG_READ_tEXt_SUPPORTED
#define PNG_READ_tIME_SUPPORTED
#define PNG_READ_tRNS_SUPPORTED
#define PNG_READ_zTXt_SUPPORTED
#define PNG_SETJMP_SUPPORTED
#define PNG_SET_USER_LIMITS_SUPPORTED
#define PNG_TEXT_SUPPORTED
#define PNG_TIME_RFC1123_SUPPORTED
#define PNG_UNKNOWN_CHUNKS_SUPPORTED
#define PNG_USER_CHUNKS_SUPPORTED
#define PNG_USER_MEM_SUPPORTED
#define PNG_USER_TRANSFORM_PTR_SUPPORTED
#define PNG_USE_GLOBAL_ARRAYS
#define PNG_WRITE_ANCILLARY_CHUNKS_SUPPORTED
#define PNG_WRITE_BGR_SUPPORTED
#define PNG_WRITE_EMPTY_PLTE_SUPPORTED
#define PNG_WRITE_FILLER_SUPPORTED
#define PNG_WRITE_FLUSH_SUPPORTED
#define PNG_WRITE_INTERLACING_SUPPORTED
#define PNG_WRITE_INVERT_ALPHA_SUPPORTED
#define PNG_WRITE_INVERT_SUPPORTED
#define PNG_WRITE_PACKSWAP_SUPPORTED
#define PNG_WRITE_PACK_SUPPORTED
#define PNG_WRITE_SHIFT_SUPPORTED
#define PNG_WRITE_SUPPORTED
#define PNG_WRITE_SWAP_ALPHA_SUPPORTED
```

© 2008 Linux Foundation

```
#define PNG_WRITE_SWAP_SUPPORTED
#define PNG_WRITE_TEXT_SUPPORTED
#define PNG_WRITE_TRANSFORMS_SUPPORTED
#define PNG_WRITE_UNKNOWN_CHUNKS_SUPPORTED
#define PNG_WRITE_USER_TRANSFORM_SUPPORTED
#define PNG_WRITE_WEIGHTED_FILTER_SUPPORTED
#define PNG_WRITE_bKGD_SUPPORTED
#define PNG_WRITE_cHRM_SUPPORTED
#define PNG_WRITE_gAMA_SUPPORTED
#define PNG_WRITE_hIST_SUPPORTED
#define PNG_WRITE_iCCP_SUPPORTED
#define PNG_WRITE_oFFs_SUPPORTED
#define PNG_WRITE_pCAL_SUPPORTED
#define PNG_WRITE_pHYs_SUPPORTED
#define PNG_WRITE_sBIT_SUPPORTED
#define PNG_WRITE_sCAL_SUPPORTED
#define PNG_WRITE_sPLT_SUPPORTED
#define PNG_WRITE_sRGB_SUPPORTED
#define PNG_WRITE_tEXt_SUPPORTED
#define PNG_WRITE_tIME_SUPPORTED
#define PNG_WRITE_tRNS_SUPPORTED
#define PNG_WRITE_zTXt_SUPPORTED
#define PNG_bKGD_SUPPORTED
#define PNG_cHRM_SUPPORTED
#define PNG_gAMA_SUPPORTED
#define PNG_hIST_SUPPORTED
#define PNG_iCCP_SUPPORTED
#define PNG_oFFs_SUPPORTED
#define PNG_pCAL_SUPPORTED
#define PNG_pHYs_SUPPORTED
#define PNG_sBIT_SUPPORTED
#define PNG_sCAL_SUPPORTED
#define PNG_sPLT_SUPPORTED
#define PNG_sRGB_SUPPORTED
#define PNG_tEXt_SUPPORTED
#define PNG_tIME_SUPPORTED
#define PNG_tRNS_SUPPORTED
#define PNG_zTXt_SUPPORTED
#define PNG_HEADER_VERSION_STRING        " libpng version 1.2.8 -
December 3, 2004 (header)\n"
#define PNG_MMX_READ_FLAGS       \
                         (   PNG_ASM_FLAG_MMX_READ_COMBINE_ROW   |
PNG_ASM_FLAG_MMX_READ_INTERLACE \
                          |   PNG_ASM_FLAG_MMX_READ_FILTER_SUB   |
PNG_ASM_FLAG_MMX_READ_FILTER_UP | \
                           PNG_ASM_FLAG_MMX_READ_FILTER_AVG    |
PNG_ASM_FLAG_MMX_READ_FILTER_PAETH \
        )
#define PNG_MMX_FLAGS    \
                         (   PNG_ASM_FLAG_MMX_SUPPORT_COMPILED   |
PNG_ASM_FLAG_MMX_SUPPORT_IN_CPU \
        | PNG_MMX_READ_FLAGS | PNG_MMX_WRITE_FLAGS )
#define PNG_ALL_FILTERS  \
           (PNG_FILTER_NONE  |  PNG_FILTER_SUB  |  PNG_FILTER_UP  |
PNG_FILTER_AVG | \
        PNG_FILTER_PAETH)
#define png_info_init(info_ptr)  \
        png_info_init_3(&info_ptr, png_sizeof(png_info));
#define png_composite(composite,fg,alpha,bg)     \
        { png_uint_16 temp = (png_uint_16)((png_uint_16)(fg) * \
           (png_uint_16)(alpha) + (png_uint_16)(bg)*(png_uint_16)
(255 - \
           (png_uint_16)(alpha)) + (png_uint_16)128); (composite)
= \
        (png_byte)((temp + (temp >> 8)) >> 8); }
#define png_composite_16(composite,fg,alpha,bg)  \
```

```
        { png_uint_32 temp = (png_uint_32)((png_uint_32)(fg) * \
           (png_uint_32)(alpha) + (png_uint_32)(bg)*(png_uint_32)
(65535L - \
         (png_uint_32)(alpha)) + (png_uint_32)32768L); (composite)
= \
        (png_uint_16)((temp + (temp >> 16)) >> 16); }
#define PNG_MMX_WRITE_FLAGS     ( 0 )
#define png_jmpbuf(png_ptr)     ((png_ptr)->jmpbuf)
#define PNG_SIZE_MAX    ((png_size_t)(-1))
#define PNG_UINT_32_MAX ((png_uint_32)(-1))
#define PNG_UINT_31_MAX ((png_uint_32)0x7fffffffL)
#define int_p_NULL      (int *)NULL
#define png_bytep_NULL  (png_bytep)NULL
#define png_bytepp_NULL (png_bytepp)NULL
#define PNG_COLOR_TYPE_GRAY_ALPHA       (PNG_COLOR_MASK_ALPHA)
#define PNG_COLOR_TYPE_RGB_ALPHA          (PNG_COLOR_MASK_COLOR |
PNG_COLOR_MASK_ALPHA)
#define    PNG_COLOR_TYPE_PALETTE       (PNG_COLOR_MASK_COLOR    |
PNG_COLOR_MASK_PALETTE)
#define PNG_COLOR_TYPE_RGB      (PNG_COLOR_MASK_COLOR)
#define png_doublep_NULL        (png_doublep)NULL
#define png_error_ptr_NULL      (png_error_ptr)NULL
#define png_flush_ptr_NULL      (png_flush_ptr)NULL
#define png_infopp_NULL (png_infopp)NULL
#define png_rw_ptr_NULL (png_rw_ptr)NULL
#define png_structp_NULL        (png_structp)NULL
#define png_uint_16p_NULL       (png_uint_16p)NULL
#define png_voidp_NULL  (png_voidp)NULL
#define CVT_PTR(ptr)    (ptr)
#define CVT_PTR_NOCHECK(ptr)    (ptr)
#define PNG_TEXT_COMPRESSION_NONE       -1
#define PNG_TEXT_COMPRESSION_zTXt_WR    -2
#define PNG_TEXT_COMPRESSION_NONE_WR    -3
#define PNG_BACKGROUND_GAMMA_UNKNOWN    0
#define PNG_COLOR_TYPE_GRAY     0
#define PNG_COMPRESSION_TYPE_BASE       0
#define PNG_CRC_DEFAULT 0
#define PNG_EQUATION_LINEAR     0
#define PNG_FILLER_BEFORE       0
#define PNG_FILTER_HEURISTIC_DEFAULT    0
#define PNG_FILTER_TYPE_BASE    0
#define PNG_FILTER_VALUE_NONE   0
#define PNG_HANDLE_CHUNK_AS_DEFAULT     0
#define PNG_INTERLACE_NONE      0
#define PNG_LIBPNG_VER_BUILD    0
#define PNG_LIBPNG_VER_SONUM    0
#define PNG_OFFSET_PIXEL        0
#define PNG_RESOLUTION_UNKNOWN  0
#define PNG_SCALE_UNKNOWN       0
#define PNG_TEXT_COMPRESSION_zTXt       0
#define PNG_sRGB_INTENT_PERCEPTUAL      0
#define PNG_NO_FILTERS  0x00
#define PNG_TRANSFORM_IDENTITY  0x0000
#define PNG_INFO_gAMA   0x0001
#define PNG_TRANSFORM_STRIP_16  0x0001
#define PNG_INFO_sBIT   0x0002
#define PNG_TRANSFORM_STRIP_ALPHA       0x0002
#define PNG_INFO_cHRM   0x0004
#define PNG_TRANSFORM_PACKING   0x0004
#define PNG_FREE_HIST   0x0008
#define PNG_INFO_PLTE   0x0008
#define PNG_TRANSFORM_PACKSWAP  0x0008
#define PNG_FREE_ICCP   0x0010
#define PNG_INFO_tRNS   0x0010
#define PNG_TRANSFORM_EXPAND    0x0010
#define PNG_FREE_SPLT   0x0020
```

```
#define PNG_INFO_bKGD   0x0020
#define PNG_TRANSFORM_INVERT_MONO       0x0020
#define PNG_FREE_ROWS   0x0040
#define PNG_INFO_hIST   0x0040
#define PNG_TRANSFORM_SHIFT     0x0040
#define PNG_FREE_PCAL   0x0080
#define PNG_INFO_pHYs   0x0080
#define PNG_TRANSFORM_BGR       0x0080
#define PNG_ASM_FLAG_MMX_SUPPORT_COMPILED       0x01
#define PNG_FLAG_MNG_EMPTY_PLTE 0x01
#define PNG_FREE_SCAL   0x0100
#define PNG_INFO_oFFs   0x0100
#define PNG_TRANSFORM_SWAP_ALPHA        0x0100
#define PNG_ASM_FLAG_MMX_SUPPORT_IN_CPU 0x02
#define PNG_FREE_UNKN   0x0200
#define PNG_INFO_tIME   0x0200
#define PNG_TRANSFORM_SWAP_ENDIAN       0x0200
#define PNG_ASM_FLAG_MMX_READ_COMBINE_ROW       0x04
#define PNG_FLAG_MNG_FILTER_64  0x04
#define PNG_FREE_LIST   0x0400
#define PNG_INFO_pCAL   0x0400
#define PNG_TRANSFORM_INVERT_ALPHA      0x0400
#define PNG_ALL_MNG_FEATURES    0x05
#define PNG_ASM_FLAG_MMX_READ_INTERLACE 0x08
#define PNG_FILTER_NONE 0x08
#define PNG_INFO_sRGB   0x0800
#define PNG_TRANSFORM_STRIP_FILLER      0x0800
#define PNG_ASM_FLAG_MMX_READ_FILTER_SUB        0x10
#define PNG_FILTER_SUB  0x10
#define PNG_FREE_PLTE   0x1000
#define PNG_INFO_iCCP   0x1000
#define PNG_ASM_FLAG_MMX_READ_FILTER_UP 0x20
#define PNG_FILTER_UP   0x20
#define PNG_FREE_TRNS   0x2000
#define PNG_INFO_sPLT   0x2000
#define PNG_ASM_FLAG_MMX_READ_FILTER_AVG        0x40
#define PNG_FILTER_AVG  0x40
#define PNG_FREE_TEXT   0x4000
#define PNG_INFO_sCAL   0x4000
#define PNG_FREE_MUL    0x4220
#define PNG_FREE_ALL    0x7fff
#define PNG_ASM_FLAG_MMX_READ_FILTER_PAETH      0x80
#define PNG_FILTER_PAETH        0x80
#define PNG_ASM_FLAGS_INITIALIZED       0x80000000
#define PNG_INFO_IDAT   0x8000L
#define PNG_BACKGROUND_GAMMA_SCREEN     1
#define PNG_COLOR_MASK_PALETTE  1
#define PNG_CRC_ERROR_QUIT      1
#define PNG_DESTROY_WILL_FREE_DATA      1
#define PNG_EQUATION_BASE_E     1
#define PNG_FILLER_AFTER        1
#define PNG_FILTER_HEURISTIC_UNWEIGHTED 1
#define PNG_FILTER_VALUE_SUB    1
#define PNG_HANDLE_CHUNK_NEVER  1
#define PNG_INTERLACE_ADAM7     1
#define PNG_ITXT_COMPRESSION_NONE       1
#define PNG_LIBPNG_BUILD_ALPHA  1
#define PNG_LIBPNG_VER_MAJOR    1
#define PNG_OFFSET_MICROMETER   1
#define PNG_RESOLUTION_METER    1
#define PNG_SCALE_METER 1
#define PNG_SELECT_READ 1
#define PNG_SET_WILL_FREE_DATA  1
#define PNG_sRGB_INTENT_RELATIVE        1
#define PNG_LIBPNG_VER_STRING   "1.2.8"
#define PNG_USER_HEIGHT_MAX     1000000L
```

```
#define PNG_USER_WIDTH_MAX      1000000L
#define PNG_LIBPNG_VER  10208
#define PNG_LIBPNG_VER_DLLNUM   13
#define PNG_LIBPNG_BUILD_PRIVATE        16
#define PNG_BACKGROUND_GAMMA_FILE       2
#define PNG_COLOR_MASK_COLOR    2
#define PNG_CRC_WARN_DISCARD    2
#define PNG_EQUATION_ARBITRARY  2
#define PNG_FILTER_HEURISTIC_WEIGHTED   2
#define PNG_FILTER_VALUE_UP     2
#define PNG_HANDLE_CHUNK_IF_SAFE        2
#define PNG_INTERLACE_LAST      2
#define PNG_ITXT_COMPRESSION_zTXt       2
#define PNG_LIBPNG_BUILD_BETA   2
#define PNG_LIBPNG_VER_MINOR    2
#define PNG_OFFSET_LAST 2
#define PNG_RESOLUTION_LAST     2
#define PNG_SCALE_RADIAN        2
#define PNG_SELECT_WRITE        2
#define PNG_USER_WILL_FREE_DATA 2
#define PNG_sRGB_INTENT_SATURATION      2
#define PNG_MAX_PALETTE_LENGTH  256
#define PNG_BACKGROUND_GAMMA_UNIQUE     3
#define PNG_CRC_WARN_USE        3
#define PNG_EQUATION_HYPERBOLIC 3
#define PNG_FILTER_HEURISTIC_LAST       3
#define PNG_FILTER_VALUE_AVG    3
#define PNG_HANDLE_CHUNK_ALWAYS 3
#define PNG_LIBPNG_BUILD_RC     3
#define PNG_SCALE_LAST  3
#define PNG_TEXT_COMPRESSION_LAST       3
#define PNG_sRGB_INTENT_ABSOLUTE        3
#define PNG_LIBPNG_BUILD_SPECIAL        32
#define PNG_COLOR_MASK_ALPHA    4
#define PNG_CRC_QUIET_USE       4
#define PNG_EQUATION_LAST       4
#define PNG_FILTER_VALUE_PAETH  4
#define PNG_LIBPNG_BUILD_STABLE 4
#define PNG_sRGB_INTENT_LAST    4
#define PNG_CRC_NO_CHANGE       5
#define PNG_FILTER_VALUE_LAST   5
#define PNG_INTRAPIXEL_DIFFERENCING     64
#define PNG_LIBPNG_BUILD_RELEASE_STATUS_MASK    7
#define PNG_KEYWORD_MAX_LENGTH  79
#define PNG_LIBPNG_BUILD_PATCH  8
#define PNG_LIBPNG_VER_RELEASE  8
#define PNG_ZBUF_SIZE   8192
#define PNG_ABORT()     abort()
#define PNG_CONST       const
#define PNG_EXPORT_VAR(type)    extern PNG_IMPEXP type
#define png_memcmp      memcmp
#define png_memcpy      memcpy
#define png_memset      memset
#define PNG_COLOR_TYPE_GA       PNG_COLOR_TYPE_GRAY_ALPHA
#define PNG_COLOR_TYPE_RGBA     PNG_COLOR_TYPE_RGB_ALPHA
#define PNG_COMPRESSION_TYPE_DEFAULT    PNG_COMPRESSION_TYPE_BASE
#define PNG_FILTER_TYPE_DEFAULT PNG_FILTER_TYPE_BASE
#define PNG_EXPORT(type,symbol) PNG_IMPEXP type PNGAPI symbol
#define PNG_LIBPNG_BUILD_TYPE   PNG_LIBPNG_BUILD_BASE_TYPE
#define PNG_LIBPNG_BUILD_BASE_TYPE      PNG_LIBPNG_BUILD_STABLE
#define PNG_MAX_UINT    PNG_UINT_31_MAX
#define png_sizeof(x)   sizeof (x)
#define png_strcpy      strcpy
#define png_strlen      strlen
#define png_strncpy     strncpy
```

```
typedef png_unknown_chunk *png_unknown_chunkp;
typedef png_unknown_chunk **png_unknown_chunkpp;
typedef struct png_sPLT_entry_struct {
    png_uint_16 red;
    png_uint_16 green;
    png_uint_16 blue;
    png_uint_16 alpha;
    png_uint_16 frequency;
} png_sPLT_entry;
typedef png_sPLT_entry *png_sPLT_entryp;
typedef png_sPLT_entry **png_sPLT_entrypp;
typedef struct png_sPLT_struct {
    png_charp name;
    png_byte depth;
    png_sPLT_entryp entries;
    png_int_32 nentries;
} png_sPLT_t;
typedef png_sPLT_t *png_sPLT_tp;
typedef png_sPLT_t **png_sPLT_tpp;
typedef struct png_unknown_chunk_t {
    png_byte name[5];
    png_byte *data;
    png_size_t size;
    png_byte location;
} png_unknown_chunk;
typedef struct png_struct_def {
    struct __jmp_buf_tag jmpbuf[1];
    png_error_ptr error_fn;
    png_error_ptr warning_fn;
    png_voidp error_ptr;
    png_rw_ptr write_data_fn;
    png_rw_ptr read_data_fn;
    png_voidp io_ptr;
    png_user_transform_ptr read_user_transform_fn;
    png_user_transform_ptr write_user_transform_fn;
    png_voidp user_transform_ptr;
    png_byte user_transform_depth;
    png_byte user_transform_channels;
    png_uint_32 mode;
    png_uint_32 flags;
    png_uint_32 transformations;
    z_stream zstream;
    png_bytep zbuf;
    png_size_t zbuf_size;
    int zlib_level;
    int zlib_method;
    int zlib_window_bits;
    int zlib_mem_level;
    int zlib_strategy;
    png_uint_32 width;
    png_uint_32 height;
    png_uint_32 num_rows;
    png_uint_32 usr_width;
    png_uint_32 rowbytes;
    png_uint_32 irowbytes;
    png_uint_32 iwidth;
    png_uint_32 row_number;
    png_bytep prev_row;
    png_bytep row_buf;
    png_bytep sub_row;
    png_bytep up_row;
    png_bytep avg_row;
    png_bytep paeth_row;
    png_row_info row_info;
    png_uint_32 idat_size;
    png_uint_32 crc;
```

```
png_colorp palette;
png_uint_16 num_palette;
png_uint_16 num_trans;
png_byte chunk_name[5];
png_byte compression;
png_byte filter;
png_byte interlaced;
png_byte pass;
png_byte do_filter;
png_byte color_type;
png_byte bit_depth;
png_byte usr_bit_depth;
png_byte pixel_depth;
png_byte channels;
png_byte usr_channels;
png_byte sig_bytes;
png_uint_16 filler;
png_byte background_gamma_type;
float background_gamma;
png_color_16 background;
png_color_16 background_1;
png_flush_ptr output_flush_fn;
png_uint_32 flush_dist;
png_uint_32 flush_rows;
int gamma_shift;
float gamma;
float screen_gamma;
png_bytep gamma_table;
png_bytep gamma_from_1;
png_bytep gamma_to_1;
png_uint_16pp gamma_16_table;
png_uint_16pp gamma_16_from_1;
png_uint_16pp gamma_16_to_1;
png_color_8 sig_bit;
png_color_8 shift;
png_bytep trans;
png_color_16 trans_values;
png_read_status_ptr read_row_fn;
png_write_status_ptr write_row_fn;
png_progressive_info_ptr info_fn;
png_progressive_row_ptr row_fn;
png_progressive_end_ptr end_fn;
png_bytep save_buffer_ptr;
png_bytep save_buffer;
png_bytep current_buffer_ptr;
png_bytep current_buffer;
png_uint_32 push_length;
png_uint_32 skip_length;
png_size_t save_buffer_size;
png_size_t save_buffer_max;
png_size_t buffer_size;
png_size_t current_buffer_size;
int process_mode;
int cur_palette;
png_size_t current_text_size;
png_size_t current_text_left;
png_charp current_text;
png_charp current_text_ptr;
png_bytep palette_lookup;
png_bytep dither_index;
png_uint_16p hist;
png_byte heuristic_method;
png_byte num_prev_filters;
png_bytep prev_filters;
png_uint_16p filter_weights;
png_uint_16p inv_filter_weights;
```

© 2008 Linux Foundation

```
    png_uint_16p filter_costs;
    png_uint_16p inv_filter_costs;
    png_charp time_buffer;
    png_uint_32 free_me;
    png_voidp user_chunk_ptr;
    png_user_chunk_ptr read_user_chunk_fn;
    int num_chunk_list;
    png_bytep chunk_list;
    png_byte rgb_to_gray_status;
    png_uint_16 rgb_to_gray_red_coeff;
    png_uint_16 rgb_to_gray_green_coeff;
    png_uint_16 rgb_to_gray_blue_coeff;
    png_uint_32 mng_features_permitted;
    png_fixed_point int_gamma;
    png_byte filter_type;
    png_byte mmx_bitdepth_threshold;
    png_uint_32 mmx_rowbytes_threshold;
    png_uint_32 asm_flags;
    png_voidp mem_ptr;
    png_malloc_ptr malloc_fn;
    png_free_ptr free_fn;
    png_bytep big_row_buf;
    png_bytep dither_sort;
    png_bytep index_to_palette;
    png_bytep palette_to_index;
    png_byte compression_type;
    png_uint_32 user_width_max;
    png_uint_32 user_height_max;
} png_struct;
typedef png_struct *png_structp;
typedef struct png_info_struct {
    png_uint_32 width;
    png_uint_32 height;
    png_uint_32 valid;
    png_uint_32 rowbytes;
    png_colorp palette;
    png_uint_16 num_palette;
    png_uint_16 num_trans;
    png_byte bit_depth;
    png_byte color_type;
    png_byte compression_type;
    png_byte filter_type;
    png_byte interlace_type;
    png_byte channels;
    png_byte pixel_depth;
    png_byte spare_byte;
    png_byte signature[8];
    float gamma;
    png_byte srgb_intent;
    int num_text;
    int max_text;
    png_textp text;
    png_time mod_time;
    png_color_8 sig_bit;
    png_bytep trans;
    png_color_16 trans_values;
    png_color_16 background;
    png_int_32 x_offset;
    png_int_32 y_offset;
    png_byte offset_unit_type;
    png_uint_32 x_pixels_per_unit;
    png_uint_32 y_pixels_per_unit;
    png_byte phys_unit_type;
    png_uint_16p hist;
    float x_white;
    float y_white;
```

```
    float x_red;
    float y_red;
    float x_green;
    float y_green;
    float x_blue;
    float y_blue;
    png_charp pcal_purpose;
    png_int_32 pcal_X0;
    png_int_32 pcal_X1;
    png_charp pcal_units;
    png_charpp pcal_params;
    png_byte pcal_type;
    png_byte pcal_nparams;
    png_uint_32 free_me;
    png_unknown_chunkp unknown_chunks;
    png_size_t unknown_chunks_num;
    png_charp iccp_name;
    png_charp iccp_profile;
    png_uint_32 iccp_proflen;
    png_byte iccp_compression;
    png_sPLT_tp splt_palettes;
    png_uint_32 splt_palettes_num;
    png_byte scal_unit;
    double scal_pixel_width;
    double scal_pixel_height;
    png_charp scal_s_width;
    png_charp scal_s_height;
    png_bytepp row_pointers;
    png_fixed_point int_gamma;
    png_fixed_point int_x_white;
    png_fixed_point int_y_white;
    png_fixed_point int_x_red;
    png_fixed_point int_y_red;
    png_fixed_point int_x_green;
    png_fixed_point int_y_green;
    png_fixed_point int_x_blue;
    png_fixed_point int_y_blue;
} png_info;
typedef png_info *png_infop;
typedef void *png_voidp;
typedef     void     (*png_progressive_info_ptr)     (png_structp,
png_infop);
typedef unsigned char png_byte;
typedef png_byte *png_bytep;
typedef unsigned long int png_uint_32;
typedef void (*png_progressive_row_ptr) (png_structp, png_bytep,
                                         png_uint_32, int);
typedef void (*png_progressive_end_ptr) (png_structp, png_infop);
typedef struct png_color_8_struct {
    png_byte red;
    png_byte green;
    png_byte blue;
    png_byte gray;
    png_byte alpha;
} png_color_8;
typedef png_color_8 *png_color_8p;
typedef long int png_int_32;
typedef char *png_charp;
typedef size_t png_size_t;
typedef struct png_text_struct {
    int compression;
    png_charp key;
    png_charp text;
    png_size_t text_length;
} png_text;
typedef png_text *png_textp;
```

```
typedef png_byte **png_bytepp;
typedef unsigned short png_uint_16;
typedef struct png_color_16_struct {
    png_byte index;
    png_uint_16 red;
    png_uint_16 green;
    png_uint_16 blue;
    png_uint_16 gray;
} png_color_16;
typedef png_color_16 *png_color_16p;
typedef struct png_color_struct {
    png_byte red;
    png_byte green;
    png_byte blue;
} png_color;
typedef png_color *png_colorp;
typedef const char *png_const_charp;
typedef void (*png_error_ptr) (png_structp, png_const_charp);
typedef void (*png_rw_ptr) (png_structp, png_bytep, png_size_t);
typedef struct png_time_struct {
    png_uint_16 year;
    png_byte month;
    png_byte day;
    png_byte hour;
    png_byte minute;
    png_byte second;
} png_time;
typedef png_time *png_timep;
typedef png_uint_16 *png_uint_16p;
typedef void (*png_flush_ptr) (png_structp);
typedef char **png_charpp;
typedef png_struct **png_structpp;
typedef png_info **png_infopp;
typedef FILE *png_FILE_p;
typedef struct png_row_info_struct {
    png_uint_32 width;
    png_uint_32 rowbytes;
    png_byte color_type;
    png_byte bit_depth;
    png_byte channels;
    png_byte pixel_depth;
} png_row_info;
typedef png_row_info *png_row_infop;
typedef png_structp version_1_2_8;
typedef png_uint_32 *png_uint_32p;
typedef png_uint_16 **png_uint_16pp;
typedef png_int_32 png_fixed_point;
typedef double *png_doublep;
typedef charf *png_zcharp;
typedef png_fixed_point *png_fixed_point_p;
typedef png_int_32 *png_int_32p;
typedef z_stream *png_zstreamp;
typedef short png_int_16;
typedef png_int_16 *png_int_16p;
typedef png_int_16 **png_int_16pp;
typedef png_int_32 **png_int_32pp;
typedef png_uint_32 **png_uint_32pp;
typedef charf **png_zcharpp;
typedef char ***png_charppp;
typedef const char **png_const_charpp;
typedef double **png_doublepp;
typedef png_colorp *png_colorpp;
typedef png_color_16p *png_color_16pp;
typedef png_color_8p *png_color_8pp;
typedef png_fixed_point **png_fixed_point_pp;
typedef png_row_info **png_row_infopp;
```

```
typedef png_textp *png_textpp;
typedef png_timep *png_timepp;
typedef     void     (*png_user_transform_ptr)     (png_structp,
png_row_infop,
                                          png_bytep);
typedef  void  (*png_read_status_ptr)  (png_structp,  png_uint_32,
int);
typedef  void  (*png_write_status_ptr)  (png_structp,  png_uint_32,
int);
typedef       int       (*png_user_chunk_ptr)       (png_structp,
png_unknown_chunkp);
typedef png_voidp(*png_malloc_ptr) (png_structp, png_size_t);
typedef void (*png_free_ptr) (png_structp, png_voidp);
extern png_uint_32 png_access_version_number(void);
extern int png_check_sig(png_bytep sig, int num);
extern void png_convert_from_struct_tm(png_timep ptime, struct tm
*ttime);
extern   void   png_convert_from_time_t(png_timep   ptime,   time_t
ttime);
extern png_infop png_create_info_struct(png_structp png_ptr);
extern     png_structp     png_create_read_struct(png_const_charp
user_png_ver,
                                           png_voidp error_ptr,
                                           png_error_ptr error_fn,
                                           png_error_ptr warn_fn);
extern    png_structp    png_create_read_struct_2(png_const_charp
user_png_ver,
                                             png_voidp error_ptr,
                                                     png_error_ptr
error_fn,
                                                     png_error_ptr
warn_fn,
                                             png_voidp mem_ptr,
                                                    png_malloc_ptr
malloc_fn,
                                                      png_free_ptr
free_fn);
extern     png_structp     png_create_write_struct(png_const_charp
user_png_ver,
                                            png_voidp error_ptr,
                                                     png_error_ptr
error_fn,
                                                     png_error_ptr
warn_fn);
extern    png_structp    png_create_write_struct_2(png_const_charp
user_png_ver,
                                              png_voidp error_ptr,
                                                     png_error_ptr
error_fn,
                                                     png_error_ptr
warn_fn,
                                              png_voidp mem_ptr,
                                                    png_malloc_ptr
malloc_fn,
                                                      png_free_ptr
free_fn);
extern   void   png_data_freer(png_structp   png_ptr,   png_infop
info_ptr,
                           int freer, png_uint_32 mask);
extern void png_destroy_info_struct(png_structp png_ptr,
                                    png_infopp info_ptr_ptr);
extern void png_destroy_read_struct(png_structpp png_ptr_ptr,
                                    png_infopp info_ptr_ptr,
                                    png_infopp end_info_ptr_ptr);
extern void png_destroy_write_struct(png_structpp png_ptr_ptr,
                                     png_infopp info_ptr_ptr);
```

```
extern   void   png_error(png_structp   png_ptr,   png_const_charp
error_message);
extern void png_free(png_structp png_ptr, png_voidp ptr);
extern   void   png_free_data(png_structp   png_ptr,   png_infop
info_ptr,
                          png_uint_32 free_me, int num);
extern  png_uint_32  png_get_IHDR(png_structp  png_ptr,  png_infop
info_ptr,
                                  png_uint_32 * width, png_uint_32
* height,
                                 int *bit_depth, int *color_type,
                                 int *interlace_method,
                                 int *compression_method,
                                 int *filter_method);
extern  png_uint_32  png_get_PLTE(png_structp  png_ptr,  png_infop
info_ptr,
                                       png_colorp * palette, int
*num_palette);
extern  png_uint_32  png_get_bKGD(png_structp  png_ptr,  png_infop
info_ptr,
                                 png_color_16p * background);
extern png_byte png_get_bit_depth(png_structp png_ptr, png_infop
info_ptr);
extern  png_uint_32  png_get_cHRM(png_structp  png_ptr,  png_infop
info_ptr,
                                 double *white_x, double *white_y,
                                 double *red_x, double *red_y,
                                 double *green_x, double *green_y,
                                 double *blue_x, double *blue_y);
extern  png_byte  png_get_channels(png_structp  png_ptr,  png_infop
info_ptr);
extern png_byte png_get_color_type(png_structp png_ptr,
                                   png_infop info_ptr);
extern png_voidp png_get_error_ptr(png_structp png_ptr);
extern  png_uint_32  png_get_gAMA(png_structp  png_ptr,  png_infop
info_ptr,
                                 double *file_gamma);
extern  png_uint_32  png_get_hIST(png_structp  png_ptr,  png_infop
info_ptr,
                                 png_uint_16p * hist);
extern png_charp png_get_header_ver(png_structp png_ptr);
extern  png_uint_32  png_get_iCCP(png_structp  png_ptr,  png_infop
info_ptr,
                                        png_charpp  name,  int
*compression_type,
                                  png_charpp profile, png_uint_32 *
proflen);
extern png_uint_32 png_get_image_height(png_structp png_ptr,
                                        png_infop info_ptr);
extern png_uint_32 png_get_image_width(png_structp png_ptr,
                                       png_infop info_ptr);
extern png_byte png_get_interlace_type(png_structp png_ptr,
                                       png_infop info_ptr);
extern png_voidp png_get_io_ptr(png_structp png_ptr);
extern png_charp png_get_libpng_ver(png_structp png_ptr);
extern  png_uint_32  png_get_oFFs(png_structp  png_ptr,  png_infop
info_ptr,
                                 png_int_32 * offset_x,
                                       png_int_32 * offset_y, int
*unit_type);
extern  png_uint_32  png_get_pHYs(png_structp  png_ptr,  png_infop
info_ptr,
                                  png_uint_32 * res_x, png_uint_32
* res_y,
                                 int *unit_type);
extern png_voidp png_get_progressive_ptr(png_structp png_ptr);
```

```
extern png_uint_32 png_get_rowbytes(png_structp png_ptr,
                                    png_infop info_ptr);
extern  png_bytepp  png_get_rows(png_structp  png_ptr,  png_infop
info_ptr);
extern  png_uint_32  png_get_sBIT(png_structp  png_ptr,  png_infop
info_ptr,
                                  png_color_8p * sig_bit);
extern  png_uint_32  png_get_sRGB(png_structp  png_ptr,  png_infop
info_ptr,
                                  int *intent);
extern  png_uint_32  png_get_tIME(png_structp  png_ptr,  png_infop
info_ptr,
                                  png_timep * mod_time);
extern  png_uint_32  png_get_tRNS(png_structp  png_ptr,  png_infop
info_ptr,
                                        png_bytep * trans, int
*num_trans,
                                  png_color_16p * trans_values);
extern  png_uint_32  png_get_text(png_structp  png_ptr,  png_infop
info_ptr,
                                      png_textp * text_ptr, int
*num_text);
extern png_uint_32 png_get_unknown_chunks(png_structp png_ptr,
                                        png_infop info_ptr,
                                            png_unknown_chunkpp
entries);
extern png_voidp png_get_user_chunk_ptr(png_structp png_ptr);
extern  png_uint_32  png_get_valid(png_structp  png_ptr,  png_infop
info_ptr,
                                   png_uint_32 flag);
extern png_int_32 png_get_x_offset_pixels(png_structp png_ptr,
                                        png_infop info_ptr);
extern     png_uint_32     png_get_x_pixels_per_meter(png_structp
png_ptr,
                                                      png_infop
info_ptr);
extern png_int_32 png_get_y_offset_pixels(png_structp png_ptr,
                                        png_infop info_ptr);
extern     png_uint_32     png_get_y_pixels_per_meter(png_structp
png_ptr,
                                                      png_infop
info_ptr);
extern void png_info_init_3(png_infopp info_ptr,
                            png_size_t png_info_struct_size);
extern void png_init_io(png_structp png_ptr, png_FILE_p fp);
extern const char png_libpng_ver[];
extern  png_voidp  png_malloc(png_structp  png_ptr,  png_uint_32
size);
extern png_uint_32 png_permit_mng_features(png_structp png_ptr,
                                         png_uint_32
                                          mng_features_permitted
);
extern  void  png_process_data(png_structp  png_ptr,  png_infop
info_ptr,
                                   png_bytep buffer, png_size_t
buffer_size);
extern void png_progressive_combine_row(png_structp png_ptr,
                                        png_bytep old_row,
                                        png_bytep new_row);
extern   void   png_read_end(png_structp   png_ptr,   png_infop
info_ptr);
extern  void  png_read_image(png_structp  png_ptr,  png_bytepp
image);
extern   void   png_read_info(png_structp   png_ptr,   png_infop
info_ptr);
extern void png_read_png(png_structp png_ptr, png_infop info_ptr,
```

```
                        int transforms, voidp params);
extern void png_read_row(png_structp png_ptr, png_bytep row,
                        png_bytep display_row);
extern void png_read_rows(png_structp png_ptr, png_bytepp row,
                             png_bytepp display_row, png_uint_32
num_rows);
extern  void  png_read_update_info(png_structp  png_ptr,  png_infop
info_ptr);
extern void png_set_IHDR(png_structp png_ptr, png_infop info_ptr,
                        png_uint_32 width, png_uint_32 height,
                        int bit_depth, int color_type,
                                       int  interlace_method,  int
compression_method,
                        int filter_method);
extern void png_set_PLTE(png_structp png_ptr, png_infop info_ptr,
                        png_colorp palette, int num_palette);
extern void png_set_bKGD(png_structp png_ptr, png_infop info_ptr,
                        png_color_16p background);
extern void png_set_background(png_structp png_ptr,
                             png_color_16p background_color,
                                 int background_gamma_code, int
need_expand,
                             double background_gamma);
extern void png_set_bgr(png_structp png_ptr);
extern void png_set_cHRM(png_structp png_ptr, png_infop info_ptr,
                           double white_x, double white_y, double
red_x,
                             double red_y, double green_x, double
green_y,
                        double blue_x, double blue_y);
extern void png_set_compression_buffer_size(png_structp png_ptr,
                                            png_uint_32 size);
extern  void  png_set_compression_level(png_structp  png_ptr,  int
level);
extern void png_set_compression_mem_level(png_structp png_ptr,
                                          int mem_level);
extern  void  png_set_compression_method(png_structp  png_ptr,  int
method);
extern void png_set_compression_strategy(png_structp png_ptr,
                                         int strategy);
extern void png_set_compression_window_bits(png_structp png_ptr,
                                            int window_bits);
extern   void   png_set_dither(png_structp   png_ptr,   png_colorp
palette,
                           int num_palette, int maximum_colors,
                                     png_uint_16p  histogram,  int
full_dither);
extern   void   png_set_error_fn(png_structp   png_ptr,   png_voidp
error_ptr,
                             png_error_ptr error_fn,
                             png_error_ptr warning_fn);
extern void png_set_expand(png_structp png_ptr);
extern   void   png_set_filler(png_structp   png_ptr,   png_uint_32
filler,
                           int flags);
extern  void  png_set_filter(png_structp  png_ptr,  int  method,  int
filters);
extern void png_set_gAMA(png_structp png_ptr, png_infop info_ptr,
                        double file_gamma);
extern    void    png_set_gamma(png_structp    png_ptr,    double
screen_gamma,
                          double default_file_gamma);
extern void png_set_gray_1_2_4_to_8(png_structp png_ptr);
extern void png_set_gray_to_rgb(png_structp png_ptr);
extern void png_set_hIST(png_structp png_ptr, png_infop info_ptr,
                        png_uint_16p hist);
```

```
extern void png_set_iCCP(png_structp png_ptr, png_infop info_ptr,
                         png_charp name, int compression_type,
                         png_charp profile, png_uint_32 proflen);
extern int png_set_interlace_handling(png_structp png_ptr);
extern void png_set_invert_alpha(png_structp png_ptr);
extern void png_set_invert_mono(png_structp png_ptr);
extern void png_set_keep_unknown_chunks(png_structp png_ptr, int
keep,
                                        png_bytep chunk_list,
                                        int num_chunks);
extern void png_set_mem_fn(png_structp png_ptr, png_voidp
mem_ptr,
                           png_malloc_ptr malloc_fn, png_free_ptr
free_fn);
extern void png_set_oFFs(png_structp png_ptr, png_infop info_ptr,
                                  png_int_32 offset_x, png_int_32
offset_y,
                         int unit_type);
extern void png_set_pHYs(png_structp png_ptr, png_infop info_ptr,
                         png_uint_32 res_x, png_uint_32 res_y,
                         int unit_type);
extern void png_set_packing(png_structp png_ptr);
extern void png_set_packswap(png_structp png_ptr);
extern void png_set_palette_to_rgb(png_structp png_ptr);
extern void png_set_progressive_read_fn(png_structp png_ptr,
                                                            png_voidp
progressive_ptr,
                                        png_progressive_info_ptr
info_fn,
                                         png_progressive_row_ptr
row_fn,
                                         png_progressive_end_ptr
end_fn);
extern void png_set_read_fn(png_structp png_ptr, png_voidp
io_ptr,
                            png_rw_ptr read_data_fn);
extern void png_set_read_user_chunk_fn(png_structp png_ptr,
                                       png_voidp user_chunk_ptr,
                                       png_user_chunk_ptr
                                       read_user_chunk_fn);
extern void png_set_read_user_transform_fn(png_structp png_ptr,
                                           png_user_transform_ptr
                                            read_user_transform_fn
);
extern void png_set_rgb_to_gray(png_structp png_ptr, int
error_action,
                                double red, double green);
extern void png_set_rows(png_structp png_ptr, png_infop info_ptr,
                         png_bytepp row_pointers);
extern void png_set_sBIT(png_structp png_ptr, png_infop info_ptr,
                         png_color_8p sig_bit);
extern void png_set_sRGB(png_structp png_ptr, png_infop info_ptr,
                         int intent);
extern void png_set_sRGB_gAMA_and_cHRM(png_structp png_ptr,
                                       png_infop info_ptr, int
intent);
extern void png_set_shift(png_structp png_ptr, png_color_8p
true_bits);
extern void png_set_sig_bytes(png_structp png_ptr, int
num_bytes);
extern void png_set_strip_16(png_structp png_ptr);
extern void png_set_strip_alpha(png_structp png_ptr);
extern void png_set_swap(png_structp png_ptr);
extern void png_set_swap_alpha(png_structp png_ptr);
extern void png_set_tIME(png_structp png_ptr, png_infop info_ptr,
                         png_timep mod_time);
```

```
extern void png_set_tRNS(png_structp png_ptr, png_infop info_ptr,
                         png_bytep trans, int num_trans,
                         png_color_16p trans_values);
extern void png_set_tRNS_to_alpha(png_structp png_ptr);
extern void png_set_text(png_structp png_ptr, png_infop info_ptr,
                         png_textp text_ptr, int num_text);
extern void png_set_unknown_chunk_location(png_structp png_ptr,
                                           png_infop info_ptr,
int chunk,
                                          int location);
extern void png_set_unknown_chunks(png_structp png_ptr, png_infop
info_ptr,
                                   png_unknown_chunkp unknowns,
                                   int num_unknowns);
extern   void   png_set_write_fn(png_structp   png_ptr,   png_voidp
io_ptr,
                            png_rw_ptr write_data_fn,
                            png_flush_ptr output_flush_fn);
extern void png_set_write_status_fn(png_structp png_ptr,
                                           png_write_status_ptr
write_row_fn);
extern void png_set_write_user_transform_fn(png_structp png_ptr,
                                           png_user_transform_pt
r
                                           write_user_transform_
fn);
extern int png_sig_cmp(png_bytep sig, png_size_t start,
                       png_size_t num_to_check);
extern void png_start_read_image(png_structp png_ptr);
extern void png_warning(png_structp png_ptr,
                        png_const_charp warning_message);
extern   void   png_write_chunk(png_structp   png_ptr,   png_bytep
chunk_name,
                           png_bytep data, png_size_t length);
extern   void   png_write_end(png_structp   png_ptr,   png_infop
info_ptr);
extern void png_write_flush(png_structp png_ptr);
extern   void   png_write_image(png_structp   png_ptr,   png_bytepp
image);
extern   void   png_write_info(png_structp   png_ptr,   png_infop
info_ptr);
extern   void   png_write_png(png_structp   png_ptr,   png_infop
info_ptr,
                         int transforms, voidp params);
extern void png_write_row(png_structp png_ptr, png_bytep row);
extern void png_write_rows(png_structp png_ptr, png_bytepp row,
                           png_uint_32 num_rows);
```

8.3 Interface Definitions for libpng12

The interfaces defined on the following pages are included in libpng12 and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 8.1 shall behave as described in the referenced base document.

png_access_version_number

Name

`png_access_version_number` — return version of the run-time library

Synopsis

```
#include <png.h>
png_uint_32 png_access_version_number(void);
```

Description

png_access_version_number() returns version of the libpng12 library available at run-time.

Return Value

png_access_version_number() returns integer constructed from the major version, minor version with leading zero and leading number with leading zero. For example, the version number for version 1.2.8 is 10208.

png_check_sig

Name

`png_check_sig` — INSERT PURPOSE HERE

Synopsis

```
#include <png.h>
int png_check_sig(png_bytep arg0, int arg1);
```

Description

INSERT TEXT HERE

Return Value

INSERT TEXT HERE

Errors

INSERT TEXT HERE

png_convert_from_struct_tm

Name

png_convert_from_struct_tm — convert struct tm to png_time

Synopsis

```
#include <png.h>
void png_convert_from_struct_tm(png_timep ptime, struct tm * ttime);
```

Description

This interface shall convert from the struct tm time format to the png_time format.

The parameter *ttime* shall specify the struct tm value to convert to png_time format.

The output parameter *ptime* shall contain the converted value.

png_convert_from_time_t

Name

png_convert_from_time_t — convert time_t to png_time

Synopsis

```
#include <png.h>
void png_convert_from_time_t(png_timep ptime, time_t ttime);
```

Description

This interface shall convert from the time_t time format to the png_time format.

The parameter *ttime* shall specify the time_t value to convert to png_time format.

The output parameter *ptime* shall contain the converted value.

png_create_info_struct

Name

`png_create_info_struct` — allocate and initialize a png_info structure

Synopsis

```
#include <png.h>
png_infop png_create_info_struct(png_structp png_ptr);
```

Description

png_create_info_struct() shall allocate and initialize a png_info structure.

Return Value

Returns the pointer to png_info structure. Returns NULL if it fails to create the structure.

Errors

png_create_info_struct() shall return NULL if the allocation fails. The application should check for the return value.

png_create_read_struct

Name

`png_create_read_struct` — allocate and initialize a png_struct structure for reading PNG file

Synopsis

```
#include <png.h>
png_structp    png_create_read_struct(png_const_charp    user_png_ver,
png_voidp error_ptr, png_error_ptr error_fn, png_error_ptr warn_fn);
```

Description

png_create_read_struct() shall allocate and initialize a png_struct structure. The function shall return NULL if the allocation fails. The application should check for the return value. For handling errors and warnings, the application can pass desired error handling routines as arguments to png_create_read_struct(). Otherwise, the default error handling uses stderr and longjmp. The error handling routine must NOT return to the calling routine.

user_png_ver

version string of the library. Must be PNG_LIBPNG_VER_STRING

error_ptr

user defined struct for error functions.

error_fn

user defined function for printing errors and aborting.

warn_fn

user defined function for warnings.

Return Value

Returns the pointer to png_struct structure. Returns NULL if it fails to create the structure.

Errors

png_create_read_struct() shall return NULL if the allocation fails. The application should check for the return value.

png_create_read_struct_2

Name

png_create_read_struct_2 — register custom read function

Synopsis

```
#include <png.h>
png_structp   png_create_read_struct_2(png_const_charp   user_png_ver,
png_voidp error_ptr, png_error_ptr error_fn, png_error_ptr warn_fn,
png_voidp mem_ptr, png_malloc_ptr malloc_fn, png_free_ptr free_fn);
```

Description

This interface shall register a custom read function and allocate and initialize a png_struct structure. For handling errors and warnings, as well as allocating and deallocating memory, the application can pass functions as arguments. Otherwise, the default error handling functions `stderr` and `longjmp()` will be used. The error handling routine must not return to the calling routine.

The parameter *user_png_ver* shall specify the version string of the library, which must be `PNG_LIBPNG_VER_STRING`.

The parameter *error_ptr* shall specify a user-defined structure for error functions.

The parameter *error_fn* shall specify an optional user-defined function for printing errors and aborting.

The parameter *warn_fn* shall specify an optional user-defined function for warnings.

The parameter *mem_ptr* shall specify the memory to allocate.

The parameter *malloc_fn* shall specify an optional user-defined memory allocation function.

The parameter *free_fn* shall specify an optional user-defined memory deallocation function.

Application Usage (informative)

You should define `PNG_USER_MEM_SUPPORTED` before you call `png_create_read_struct2()`.

png_create_write_struct

Name

`png_create_write_struct` — allocate and initialize a png_struct structure for writing PNG file

Synopsis

```
#include <png.h>
png_structp   png_create_write_struct(png_const_charp   user_png_ver,
png_voidp error_ptr, png_error_ptr error_fn, png_error_ptr warn_fn);
```

Description

png_create_write_struct() shall allocate and initialize a png_struct structure. The function shall return NULL if the allocation fails. The application should check for the return value.

`user_png_ver`

version string of the library. Must be PNG_LIBPNG_VER_STRING

`error_ptr`

user defined struct for error functions.

`error_fn`

user defined function for printing errors and aborting.

`warn_fn`

user defined function for warnings.

Return Value

Returns the pointer to png_struct structure. Returns NULL if it fails to create the structure.

png_create_write_struct_2

Name

`png_create_write_struct_2` — register custom write function

Synopsis

```
#include <png.h>
png_structp  png_create_write_struct_2(png_const_charp  user_png_ver,
png_voidp error_ptr, png_error_ptr error_fn, png_error_ptr warn_fn,
png_voidp mem_ptr, png_malloc_ptr malloc_fn, png_free_ptr free_fn);
```

Description

This interface shall register a custom write function and allocate and initialize a png_struct structure. For handling errors and warnings, as well as allocating and deallocating memory, the application can pass functions as arguments. Otherwise, the default error handling functions `stderr` and `longjmp()` will be used. The error handling routine must not return to the calling routine.

The parameter *`user_png_ver`* shall specify the version string of the library, which must be `PNG_LIBPNG_VER_STRING`.

The parameter *`error_ptr`* shall specify a user-defined structure for error functions.

The parameter *`error_fn`* shall specify an optional user-defined function for printing errors and aborting.

The parameter *`warn_fn`* shall specify an optional user-defined function for warnings.

The parameter *`mem_ptr`* shall specify the memory to allocate.

The parameter *`malloc_fn`* shall specify an optional user-defined memory allocation function.

The parameter *`free_fn`* shall specify an optional user-defined memory deallocation function.

Return Value

On success, returns a pointer to the png_struct that was created.

On failure, returns NULL.

© 2008 Linux Foundation

png_data_freer

Name

png_data_freer — change the default behavior for freeing data

Synopsis

```
#include <png.h>
void png_data_freer(png_structp png_ptr, png_infop info_ptr, int
freer, png_uint_32 mask);
```

Description

This interface shall change the default behavior for freeing allocated data, from only freeing data allocated internally by libpng, to either freeing user-allocated data or to not freeing any data at all.

This interface can enable deallocation of user data allocated with png_malloc() or png_zalloc() and passed to libpng with one of the png_set_*() interfaces. Users can call it both before and after passing the data. Calling it after reading PNG data but before passing the data controls whether the user or the interface is responsible for the existing data. Calling it after passing the data controls whether the user or the interface should deallocate the data.

If the user becomes responsible for data allocated by libpng, png_free() must be called to free it. If libpng becomes responsible for user-allocated data, the data must only have been allocated with png_malloc() or png_zalloc().

The parameter *png_ptr* shall specify the PNG file.

The parameter *info_ptr* shall specify the PNG info structure.

The parameter *freer* shall specify one of these constants: PNG_DESTROY_WILL_FREE_DATA, PNG_SET_WILL_FREE_DATA, PNG_USER_WILL_FREE_DATA.

The parameter *mask* shall specify the data to free, as described under png_free_data().

Application Usage (informative)

A row_pointers array allocated in a single block must not be freed with png_set_rows() or png_read_destroy(), because they would attempt to free the elements of the array as well.

Do not free text_ptr with libpng if some of its members were allocated separately, because this will actually only free text_ptr.key. If responsibility for freeing text_ptr moves from libpng to the user, the user must not free the members separately.

png_destroy_info_struct

Name

`png_destroy_info_struct` — free memory in PNG info structure

Synopsis

```
#include <png.h>
void    png_destroy_info_struct(png_structp    png_ptr,    png_infopp
info_ptr_ptr);
```

Description

This interface shall free any memory in a single PNG info structure.

The parameter *`png_ptr`* shall specify the PNG file.

The parameter *`info_ptr_ptr`* shall point to a pointer to the png_info_struct to destroy.

png_destroy_read_struct

Name

`png_destroy_read_struct` — free the memory associated with read png_struct

Synopsis

```
#include <png.h>
void   png_destroy_read_struct(png_structpp   png_ptr_ptr,   png_infopp
info_ptr_ptr, png_infopp end_info_ptr_ptr);
```

Description

png_destroy_read_struct() frees the memory associated with the read png_struct struct that holds information from the given PNG file, the associated png_info struct for holding the image information and png_info struct for holding the information at end of the given PNG file.

png_destroy_write_struct

Name

`png_destroy_write_struct` — free the memory associated with write png_struct

Synopsis

```
#include <png.h>
void png_destroy_write_struct(png_structpp png_ptr_ptr, png_infopp info_ptr_ptr);
```

Description

png_destroy_write_struct() frees the memory associated with the write png_struct struct that holds information for writing the PNG file and the associated png_info struct for holding the image information.

png_error

Name

`png_error` — default function to handle fatal errors

Synopsis

```
#include <png.h>
void png_error(png_structp png_ptr, png_const_charp error_message);
```

Description

png_error() is the default error handling function for fatal errors. The default error handling functionality may be changed by using png_set_error_fn() to replace the error function at run-time.

Return Value

Errors

png_free

Name

`png_free` — free a pointer allocated by png_malloc()

Synopsis

```
#include <png.h>
void png_free(png_structp png_ptr, png_voidp ptr);
```

Description

png_free() shall free memory pointed to by "ptr" previously allocated by png_malloc().

png_free_data

Name

`png_free_data` — free internally allocated data

Synopsis

```
#include <png.h>
void    png_free_data(png_structp    png_ptr,    png_infop    info_ptr,
png_uint_32 free_me, int num);
```

Description

This interface shall free data that was internally allocated by libpng.

The parameter *`png_ptr`* shall specify the PNG file.

The parameter *`info_ptr`* shall specify the PNG info structure containing members to free that are pointing to memory allocated by libpng.

The parameter *`mask`* shall specify the data to free with a mask consisting of the logical OR of at least one of the following constants: `PNG_FREE_HIST`, `PNG_FREE_ICCP`, `PNG_FREE_PCAL`, `PNG_FREE_PLTE`, `PNG_FREE_ROWS`, `PNG_FREE_SCAL`, `PNG_FREE_SPLT`, `PNG_FREE_TEXT`, `PNG_FREE_TRNS`, `PNG_FREE_UNKN`. (To specify all constants, use `PNG_FREE_ALL`.)

The parameter *`num`* shall specify the sequence number of the item to free. The value `-1` specifies all items.

© 2008 Linux Foundation

png_get_IHDR

Name

png_get_IHDR — get PNG_IHDR chunk information from png_info structure

Synopsis

```
#include <png.h>
png_uint_32 png_get_IHDR(png_structp png_ptr, png_infop info_ptr,
png_uint_32 * width, png_uint_32 * height, int * bit_depth, int *
color_type, int * interlace_method, int * compression_method, int *
filter_method);
```

Description

png_get_IHDR() gets PNG_IHDR chunk type information from png_info structure.

width

holds the width of the image in pixels up to 2^31.

height

holds the height of the image in pixels up to 2^31.

bit_depth

holds the bit depth of one of the image channels. Valid values are 1, 2, 4, 8, 16 and also depend on the color_type.

color_type

describes which color/alpha channels are present. Supported color types shall include:
PNG_COLOR_TYPE_GRAY (bit depths 1, 2, 4, 8, 16)
PNG_COLOR_TYPE_GRAY_ALPHA (bit depths 8, 16)
PNG_COLOR_TYPE_PALETTE (bit depths 1, 2, 4, 8)
PNG_COLOR_TYPE_RGB (bit_depths 8, 16)
PNG_COLOR_TYPE_RGB_ALPHA (bit_depths 8, 16)
PNG_COLOR_MASK_PALETTE
PNG_COLOR_MASK_COLOR
PNG_COLOR_MASK_ALPHA

filter_method

holds the filter method. If this argument is NULL, the filter method will not be retrieved. Valid values after retrieval are

PNG_FILTER_TYPE_BASE
PNG_INTRAPIXEL_DIFFERENCING

compression_method

holds the compression method. If this argument is NULL, the compression method will not be retrieved. Valid values after retrieval are PNG_COMPRESSION_TYPE_BASE

interlace_method

holds the interlace method. If this argument is NULL, the interlacing method will not be retrieved. Valid values after retrieval are
PNG_INTERLACE_NONE
PNG_INTERLACE_ADAM7

Return Value

On success, png_get_HDR() shall return 1. Otherwise, png_get_IHDR() shall return 0.

png_get_PLTE

Name

png_get_PLTE — get image palette information from png_info structure

Synopsis

```
#include <png.h>
png_uint_32  png_get_PLTE(png_structp  png_ptr,  png_infop  info_ptr,
png_colorp * palette, int * num_palette);
```

Description

png_get_PLTE() gets palette information from png_info structure. "palette" holds an array of color values with "num_palette" entries.

Return Value

On successful retrieval of palette information, png_get_PLTE() shall return PNG_INFO_PLTE. Otherwise, png_get_PLTE() shall return 0.

png_get_bKGD

Name

png_get_bKGD — get background color for given image

Synopsis

```
#include <png.h>
png_uint_32 png_get_bKGD(png_structp png_ptr, png_infop info_ptr,
png_color_16p * background);
```

Description

png_get_bKGD() shall return the background color to "background" if the validity flag for background is set.

Return Value

On success, png_get_bKGD() shall return PNG_INFO_bKGD. Otherwise, png_get_bKGD() shall return 0.

png_get_bit_depth

Name

png_get_bit_depth — return image bit_depth

Synopsis

```
#include <png.h>
png_byte png_get_bit_depth(png_structp png_ptr, png_infop info_ptr);
```

Description

Returns the image bit_depth.

Return Value

Returns 0 if png_ptr or info_ptr is NULL, bit_depth otherwise.

png_get_cHRM

Name

png_get_cHRM — get CIE chromacities and referenced white point for given image

Synopsis

```
#include <png.h>
png_uint_32 png_get_cHRM(png_structp png_ptr, png_infop info_ptr,
double * white_x, double * white_y, double * red_x, double * red_y,
double * green_x, double * green_y, double * blue_x, double *
blue_y);
```

Description

png_get_cHRM() shall return the CIE x,y chromaticities of the red, green and blue display primaries used in the image and the referenced white point from the cHRM chunk in the image.

Return Value

On success, png_get_cHRM() shall return PNG_INFO_cHRM. Otherwise, the function shall return 0.

png_get_channels

Name

png_get_channels — get number of color channels in image

Synopsis

```
#include <png.h>
png_byte png_get_channels(png_structp png_ptr, png_infop info_ptr);
```

Description

png_get_channels() shall return the number of data channels per pixel for the color type of the image. The number of channels shall range from 1-4 depending on the color type as given below.

1 - PNG_COLOR_TYPE_GRAY or PNG_COLOR_TYPE_PALETTE
2 - PNG_COLOR_TYPE_GRAY_ALPHA
3 - PNG_COLOR_TYPE_RGB
4 - PNG_COLOR_TYPE_RGB_ALPHA or PNG_COLOR_TYPE_RGB+filler byte

Return Value

On success, png_get_channels() shall return the number of channels ranging from 1-4. Otherwise, png_get_channels shall return 0.

© 2008 Linux Foundation

png_get_color_type

Name

`png_get_color_type` — return image color type

Synopsis

```
#include <png.h>
png_byte png_get_color_type(png_structp png_ptr, png_infop info_ptr);
```

Description

Returns the image color type.

Return Value

Returns 0 if png_ptr or info_ptr is NULL, color_type otherwise.

png_get_error_ptr

Name

`png_get_error_ptr` — return error_ptr for user-defined functions

Synopsis

```
#include <png.h>
png_voidp png_get_error_ptr(png_structp png_ptr);
```

Description

png_get_error_ptr() returns the error_ptr associated with user-defined functions.

Return Value

Returns error_ptr

png_get_gAMA

Name

png_get_gAMA — get the gamma value for given image

Synopsis

```
#include <png.h>
png_uint_32  png_get_gAMA(png_structp  png_ptr,  png_infop  info_ptr,
double * file_gamma);
```

Description

Returns the gamma value of an image to "file_gamma" if the gAMA chunk information is valid for the image.

Return Value

PNG_INFO_gAMA - if png_ptr, info_ptr, file_gamma are not NULL and gAMA chunk information is valid 0 - otherwise.

png_get_hIST

Name

png_get_hIST — get the histogram for given image

Synopsis

```
#include <png.h>
png_uint_32  png_get_hIST(png_structp  png_ptr,  png_infop  info_ptr,
png_uint_16p * hist);
```

Description

Returns the histogram of an image to *hist if the hIST chunk information is valid for the image.

Return Value

PNG_INFO_hIST - if png_ptr, info_ptr, hist are not NULL and hIST chunk information is valid 0 - otherwise.

© 2008 Linux Foundation

png_get_header_ver

Name

png_get_header_ver — get version information for libpng header files

Synopsis

```
#include <png.h>
png_charp png_get_header_ver(png_structp png_ptr);
```

Description

This interface shall return the version of the header files used when building libpng as a short string in the format "1.0.0" through "99.99.99zz".

png_get_iCCP

Name

png_get_iCCP — get the embedded ICC profile data for given image

Synopsis

```
#include <png.h>
png_uint_32 png_get_iCCP(png_structp png_ptr, png_infop info_ptr,
png_charpp name, int * compression_type, png_charpp profile,
png_uint_32 * proflen);
```

Description

png_get_iCCP() shall return the embedded ICC profile data in iCCP chunk. "name" shall contain the profile name, *compression_type shall contain the compression type, profile shall contain teh International Color Consortium color profile data and *proflen shall contain the length of the profile data in bytes. *compression_type must always be set to PNG_COMPRESSION_TYPE_BASE.

Return Value

On success, png_get_iCCP() shall return PNG_INFO_iCCP. Otherwise, the function shall return 0.

png_get_image_height

Name

png_get_image_height — return image height

Synopsis

```
#include <png.h>
png_uint_32   png_get_image_height(png_structp   png_ptr,   png_infop
info_ptr);
```

Description

png_get_image_height() returns the image height in pixels.

Return Value

Returns 0 if png_ptr or info_ptr is NULL, image_height otherwise.

png_get_image_width

Name

png_get_image_width — return image width

Synopsis

```
#include <png.h>
png_uint_32   png_get_image_width(png_structp   png_ptr,   png_infop
info_ptr);
```

Description

png_get_image_width() returns the image width in pixels.

Return Value

Returns 0 if png_ptr or info_ptr is NULL, image_width otherwise.

© 2008 Linux Foundation

png_get_interlace_type

Name

png_get_interlace_type — returns interlace method

Synopsis

```
#include <png.h>
png_byte    png_get_interlace_type(png_structp    png_ptr,    png_infop
info_ptr);
```

Description

png_get_interlace_type() returns the interlace method used for the image.

Return Value

Valid values are PNG_INTERLACE_NONE, PNG_INTERLACE_ADAM7. Returns 0 if png_ptr or info_ptr is NULL.

png_get_io_ptr

Name

png_get_io_ptr — return pointer for user-defined I/O

Synopsis

```
#include <png.h>
png_voidp png_get_io_ptr(png_structp png_ptr);
```

Description

Returns the pointer associated with user-defined input-output functions.

png_get_libpng_ver

Name

png_get_libpng_ver — get the library version string

Synopsis

```
#include <png.h>
png_charp png_get_libpng_ver(png_structp png_ptr);
```

Description

png_get_libpng_ver() shall return the library version as a short string in the format "1.0.0" through "99.99.99zz".

png_get_oFFs

Name

png_get_oFFs — get screen offsets for the given image

Synopsis

```
#include <png.h>
png_uint_32  png_get_oFFs(png_structp  png_ptr,  png_infop  info_ptr,
png_int_32 * x_offset, png_int_32 * y_offset, int * unit_type);
```

Description

png_get_oFFs() shall read the positive offset from the left edge of the screen from info_ptr to x_offset and the positive offset from the top edge of the screen to y_offset. The unit type shall be returned in unit_type, which can take the following values

PNG_OFFSET_PIXEL
PNG_OFFSET_MICROMETER

Return Value

On success, png_get_oFFs() shall return PNG_INFO_oFFs. Otherwise, png_get_oFFs() shall return 0.

png_get_pHYs

Name

png_get_pHYs — get the physical resolution for given image

Synopsis

```
#include <png.h>
png_uint_32  png_get_pHYs(png_structp  png_ptr,  png_infop  info_ptr,
png_uint_32 * res_x, png_uint_32 * res_y, int * unit_type);
```

Description

png_get_pHYs() shall return the physical pixel resolution of the image and the unit of resolution. Upon success, *res_x shall contain the horizontal resolution and *res_y shall contain the vertical resolution in pixels per unit. *unit_type will be set to PNG_RESOLUTION_METER if the resolution is expressed in pixels per meter. Otherwise *unit_type will be PNG_RESOLUTION_UNKNOWN.

Return Value

PNG_INFO_pHYs - on success 0 - otherwise.

© 2008 Linux Foundation

png_get_progressive_ptr

Name

`png_get_progressive_ptr` — return pointer to user-defined push read functions

Synopsis

```
#include <png.h>
png_voidp png_get_progressive_ptr(png_structp png_ptr);
```

Description

Returns the pointer to user-defined structure containing information about the callback functions.

png_get_rowbytes

Name

`png_get_rowbytes` — Return number of bytes for a row

Synopsis

```
#include <png.h>
png_uint_32    png_get_rowbytes(png_structp    png_ptr,    png_infop
info_ptr);
```

Description

png_get_rowbytes() returns the number of bytes needed to hold a transformed row of an image.

Return Value

Returns 0 if png_ptr or info_ptr is NULL, number of bytes otherwise.

png_get_rows

Name

png_get_rows — retrieve image data from png_info structure

Synopsis

```
#include <png.h>
png_bytepp png_get_rows(png_structp png_ptr, png_infop info_ptr);
```

Description

png_get_rows() shall retrieve rows of image data from the info_ptr structure in an array of pointers to the pixel data for each row.

Return Value

On success, png_get_rows() shall return an array of pointers to the pixel data for each row of the image.

png_get_sBIT

Name

png_get_sBIT — get number of significant bits for each color channel

Synopsis

```
#include <png.h>
png_uint_32 png_get_sBIT(png_structp png_ptr, png_infop info_ptr,
png_color_8p * sig_bit);
```

Description

png_get_sBIT() shall return the number of significant bit for each of the gray, red, blue and green color channels.

Return Value

On success, png_get_sBIT() shall return PNG_INFO_sBIT. Otherwise, png_get_sBIT() shall return 0.

© 2008 Linux Foundation

png_get_sRGB

Name

`png_get_sRGB` — get the rendering intent for given image

Synopsis

```
#include <png.h>
png_uint_32  png_get_sRGB(png_structp  png_ptr,  png_infop  info_ptr,
int * srgb_intent);
```

Description

png_get_sRGB() shall return the rendering intent of an image to *srgb_intent if the sRGB chunk information is valid for the image.

Return Value

PNG_INFO_sRGB - if png_ptr, info_ptr, srgb_intent are not NULL and sRGB chunk information is valid 0 - otherwise.

png_get_tIME

Name

`png_get_tIME` — get last modification time for the image

Synopsis

```
#include <png.h>
png_uint_32  png_get_tIME(png_structp  png_ptr,  png_infop  info_ptr,
png_timep * mod_time);
```

Description

png_get_sBIT() shall return the time of last modification of the image if the tIME information is valid for the image.

Return Value

PNG_INFO_tIME - if png_ptr, info_ptr, mod_time are not NULL and tIME information is valid 0 - otherwise.

png_get_tRNS

Name

png_get_tRNS — get transparency data for images

Synopsis

```
#include <png.h>
png_uint_32  png_get_tRNS(png_structp  png_ptr,  png_infop  info_ptr,
png_bytep * trans, int * num_trans, png_color_16p * trans_values);
```

Description

png_get_tRNS() shall obtain the transparency data for paletted images and image types that don't need a full alpha channel from info_ptr. For a paletted image, the function retrieves the transparency values stored in the same order as the palette colors, starting from index 0. For non-paletted images, the function retrieves the single color value which is treated as fully transparent. If the transparency information is valid, i.e. PNG_INFO_tRNS bit is set for info_ptr->valid: *trans shall be set to the transparency values for a paletted image. Values for the data shall be in range [0,255], ranging from fully transparent to fully opaque, respectively. *num_trans shall be set to the number of transparency values *trans_values shall be set to the single color value specified for non-paletted images.

Return Value

Returns PNG_INFO_tRNS on successful return, 0 otherwise.

png_get_text

Name

png_get_text — get comments information from png_info structure

Synopsis

```
#include <png.h>
png_uint_32  png_get_text(png_structp  png_ptr,  png_infop  info_ptr,
png_textp * text_ptr, int * num_text);
```

Description

png_get_text() returns the text chunk information from the PNG stream in the array pointed to by *text_ptr*. It also returns the number of text chunks in *num_text*. *text_ptr* is an array of structure png_text whose members include:

compression

type of compression used on text. Valid values are:

PNG_TEXT_COMPRESSION_NONE
PNG_TEXT_COMPRESSION_zTXt
PNG_ITXT_COMPRESSION_NONE
PNG_ITXT_COMPRESSION_zTXt

key

keyword for comment. Must contain 1-79 characters.

text

text comment for current keyword. May be empty.

text_length

length of text string after decompression. 0 for iTXt.

Return Value

Returns `0` if *png_ptr* or *info_ptr* is `NULL`, returns the number of text chunks otherwise.

png_get_unknown_chunks

Name

`png_get_unknown_chunks` — retrieve the unknown chunks from a PNG file

Synopsis

```
#include <png.h>
png_uint_32  png_get_unknown_chunks(png_structp  png_ptr,  png_infop
info_ptr, png_unknown_chunkpp unknowns);
```

Description

This interface shall retrieve the unknown chunks from a PNG file.

The parameter *`png_ptr`* shall specify the PNG file.

The parameter *`info_ptr`* shall specify the PNG info structure.

The parameter *`unknowns`* shall specify an array of png_unknown_chunk structures containing the unknown chunks. The position of a structure in the array shall correspond to the order in which `png_set_unknown_chunks()` inserted its chunk into the PNG file, or in which it was read.

The png_unknown_chunkpp structure shall contain the following members.

name

: the name of the chunk

data

: the data of the chunk

size

: the size of the chunk's data

location

: the position of the chunk in the PNG file

Return Value

On success, this interface shall return the number of unknown chunks obtained.

On failure, this interface shall return `0`.

png_get_user_chunk_ptr

Name

png_get_user_chunk_ptr — get pointer to user chunk data

Synopsis

```
#include <png.h>
png_voidp png_get_user_chunk_ptr(png_structp png_ptr);
```

Description

This interface shall return the pointer to the user chunk data associated with the specified PNG file.

The parameter *png_ptr* shall specify the PNG file.

png_get_valid

Name

png_get_valid — determine if given chunk data is valid

Synopsis

```
#include <png.h>
png_uint_32 png_get_valid(png_structp png_ptr, png_infop info_ptr,
png_uint_32 flag);
```

Description

png_get_valid() shall obtain the validity of chunk data specified by the bits set in "flag". The following bits may be set in flag: PNG_INFO_gAMA PNG_INFO_sBIT PNG_INFO_cHRM PNG_INFO_PLTE PNG_INFO_tRNS PNG_INFO_bKGD PNG_INFO_hIST PNG_INFO_pHYs PNG_INFO_oFFs PNG_INFO_tIME PNG_INFO_pCAL PNG_INFO_sRGB PNG_INFO_iCCP PNG_INFO_sPLT PNG_INFO_sCAL PNG_INFO_IDAT

Return Value

On success, png_get_valid() shall return "flag" with the chunk bits set. Otherwise, png_get_valid() shall return 0.

png_get_x_offset_pixels

Name

`png_get_x_offset_pixels` — return x offset in pixels from oFFs chunk

Synopsis

```
#include <png.h>
png_int_32  png_get_x_offset_pixels(png_structp  png_ptr,  png_infop
info_ptr);
```

Description

png_get_x_offset_pixels() shall obtain x offset in pixels for the image from its PNG_oFFs chunk data stored in info_ptr, if the unit for offset is pixels.

Return Value

On success, png_get_x_offset_pixels() shall return x offset in pixels. Otherwise png_get_x_offset_pixels() shall return 0.

png_get_x_pixels_per_meter

Name

`png_get_x_pixels_per_meter` — return horizontal pixel density per meter

Synopsis

```
#include <png.h>
png_uint_32 png_get_x_pixels_per_meter(png_structp png_ptr, png_infop
info_ptr);
```

Description

png_get_x_pixels_per_meter() shall obtain the horizontal pixel density in pixels per meter from its PNG_pHYs chunk data stored in info_ptr, if the unit for resolution is pixels per meter.

Return Value

On success, png_get_x_pixels_per_meter() shall return horizontal pixel density in pixels per meter. Otherwise png_get_x_pixels_per_meter() shall return 0.

© 2008 Linux Foundation

png_get_y_offset_pixels

Name

`png_get_y_offset_pixels` — return y offset in pixels from oFFs chunk

Synopsis

```
#include <png.h>
png_int_32  png_get_y_offset_pixels(png_structp  png_ptr,  png_infop
info_ptr);
```

Description

png_get_y_offset_pixels() shall obtain y offset in pixels for the image from its PNG_oFFs chunk data stored in info_ptr, if the unit for offset is pixels.

Return Value

On success, png_get_y_offset_pixels() shall return y offset in pixels. Otherwise png_get_y_offset_pixels() shall return 0.

png_get_y_pixels_per_meter

Name

`png_get_y_pixels_per_meter` — return vertical pixel density per meter

Synopsis

```
#include <png.h>
png_uint_32 png_get_y_pixels_per_meter(png_structp png_ptr, png_infop
info_ptr);
```

Description

png_get_y_pixels_per_meter() shall obtain the vertical pixel density in pixels per meter from its PNG_pHYs chunk data stored in info_ptr, if the unit for resolution is pixels per meter.

Return Value

On success, png_get_y_pixels_per_meter() shall return vertical pixel density in pixels per meter. Otherwise png_get_y_pixels_per_meter() shall return 0.

png_info_init_3

Name

`png_info_init_3` — initialize an info structure (DEPRECATED)

Synopsis

```
#include <png.h>
void       png_info_init_3(png_infopp       info_ptr,       png_size_t
png_info_struct_size);
```

Description

This interface shall initialize a PNG info structure. This interface is deprecated.

The parameter *`info_ptr`* shall specify the PNG info structure to initialize.

The parameter *`png_info_struct_size`* shall specify the size of the new structure.

png_init_io

Name

`png_init_io` — initialize input/output for the PNG file

Synopsis

```
#include <png.h>
void png_init_io(png_structp png_ptr, png_FILE_p fp);
```

Description

Initialize the default input/output functions for the PNG file to standard C streams. To replace the default read and write functions, use png_set_read_fn() and png_set_write_fn() respectively.

Return Value

Errors

png_libpng_ver

Name

`png_libpng_ver` — external variable holding version number of libpng

Synopsis

```
#include <png.h>
```

```
const char png_libpng_ver[18];
```

Description

The external variable `png_libpng_ver` shall contain a character string value indicating the version number of libpng. An LSB conforming implementation shall return a value at least as high as `PNG_LIBPNG_VER_STRING` as defined in this specification.

png_malloc

Name

`png_malloc` — allocate memory

Synopsis

```
#include <png.h>
png_voidp png_malloc(png_structp png_ptr, png_uint_32 size);
```

Description

png_malloc() shall return a pointer to allocated memory of the specified size.

Return Value

Pointer to the block of memory allocated.

Errors

Invokes error handling function if the system is out of memory and sets PNG_FLAG_MALLOC_NULL_MEM_OK in member flags of png_struct.

png_permit_mng_features

Name

`png_permit_mng_features` — enable MNG extensions for PNG image wrapped in MNG datastream

Synopsis

```
#include <png.h>
png_uint_32 png_permit_mng_features(png_structp png_ptr, png_uint_32
mng_features_permitted);
```

Description

This interface shall enable some MNG extensions for a PNG image wrapped in a MNG datastream.

The parameter *`png_ptr`* shall specify the PNG image.

The parameter *`mng_features_permitted`* shall specify the logical OR of the features to be enabled, possibly including `PNG_ALL_MNG_FEATURES`, `PNG_FLAG_MNG_EMPTY_PLTE`, and `PNG_FLAG_MNG_FILTER_64`.

Return Value

This interface shall return the logical AND of the parameter *`mng_features_permitted`* with the set of MNG features supported by the local version of libpng.

Application Usage (informational)

This interface may not read or write a standalone PNG file; the PNG datastream must be embedded in a MNG datastream with an 8-byte MNG signature and MEND and MHDR chunks.

png_process_data

Name

`png_process_data` — read PNG file progressively

Synopsis

```
#include <png.h>
void png_process_data(png_structp png_ptr, png_infop info_ptr,
png_bytep buffer, png_size_t length);
```

Description

png_process_data() shall process data progressively from the PNG stream using callback functions set within png_set_progressive_read_fn(). The data is passed in "buffer" and length of data to be processed is specified by "length".

png_progressive_combine_row

Name

`png_progressive_combine_row` — combines current row data with processed row

Synopsis

```
#include <png.h>
void   png_progressive_combine_row(png_structp   png_ptr,   png_bytep
old_row, png_bytep new_row);
```

Description

For non-NULL rows of interlaced images during progressive read, png_progressive_combine_row() shall combine the data for the current row with the previously processed row data. png_progressive_combine_row() shall return for NULL rows of interlaced images and memcpy rows for non-interlaced images.

png_read_end

Name

`png_read_end` — read the end of PNG file

Synopsis

```
#include <png.h>
void png_read_end(png_structp png_ptr, png_infop info_ptr);
```

Description

png_read_end() reads the end of a PNG file after reading the image data, including any comments or time information at the end of the file. The function shall not read past the end of the file.

png_read_image

Name

`png_read_image` — read the entire image into memory

Synopsis

```
#include <png.h>
void png_read_image(png_structp png_ptr, png_bytepp image);
```

Description

png_read_image() reads the entire image into memory at once. For each pass of an interlaced image, use png_read_rows() instead.

png_read_info

Name

`png_read_info` — read the PNG image information

Synopsis

```
#include <png.h>
void png_read_info(png_structp png_ptr, png_infop info_ptr);
```

Description

Reads the information before the actual image data from the PNG file. The function allows reading a file that already has the PNG signature bytes read from the stream.

png_read_png

Name

png_read_png — read the entire PNG file

Synopsis

```
#include <png.h>
void  png_read_png(png_structp  png_ptr,  png_infop  info_ptr,  int
transforms, png_voidp params);
```

Description

png_read_png() shall provide the high-level read operation. The function shall read the entire image into memory. The integer "transforms" shall contain the logical OR of a set of the following transformation flags:

PNG_TRANSFORM_IDENTITY

No transformation

PNG_TRANSFORM_STRIP_16

Strip 16-bit samples to 8 bits

PNG_TRANSFORM_STRIP_ALPHA

Discard the alpha channel

PNG_TRANSFORM_PACKING

Expand 1, 2 and 4-bit samples to bytes

PNG_TRANSFORM_PACKSWAP

Change order of packed pixels to LSB first

PNG_TRANSFORM_EXPAND

Expand paletted images to RGB, grayscale to 8-bit images and tRNS chunks to alpha channels

PNG_TRANSFORM_INVERT_MONO

Invert monochrome images

PNG_TRANSFORM_SHIFT

Normalize pixels to the sBIT depth

PNG_TRANSFORM_BGR

Flip RGB to BGR, RGBA to BGRA

PNG_TRANSFORM_SWAP_ALPHA

Flip RGBA to ARGB or GA to AG

PNG_TRANSFORM_INVERT_ALPHA

Change alpha from opacity to transparency

PNG_TRANSFORM_SWAP_ENDIAN

Byte-swap 16-bit samples

"params" is unused and must be set to NULL.

png_read_row

Name

png_read_row — read a row of image data

Synopsis

```
#include <png.h>
void png_read_row(png_structp png_ptr, png_bytep row, png_bytep
display_row);
```

Description

png_read_row() reads a row of actual image data. "row" holds the image pixels as they are processed. If the image is displayed after each pass, "display_row" is used to display a blurred progressive image. "display_row" can be NULL if the progressive image is not required.

png_read_rows

Name

png_read_rows — read multiple rows of image data

Synopsis

```
#include <png.h>
void png_read_rows(png_structp png_ptr, png_bytepp row, png_bytepp
display_row, png_uint_32 num_rows);
```

Description

Read "num_rows" rows of image data starting from "row". If the image is interlaced, the rows must contain the contents of the rows from the previous pass. If the image is displayed after each pass, "display_row" is used to display a blurred progressive image. "display_row" can be NULL if the progressive image is not required.

© 2008 Linux Foundation

png_read_update_info

Name

`png_read_update_info` — update png_info structure

Synopsis

```
#include <png.h>
void png_read_update_info(png_structp png_ptr, png_infop info_ptr);
```

Description

png_read_update_info() updates the structure pointed to by info_ptr to reflect any transformations that have been requested. For example, rowbytes will be updated to handle expansion of an interlaced image with png_read_update_info().

png_set_IHDR

Name

`png_set_IHDR` — set the PNG_IHDR chunk information

Synopsis

```
#include <png.h>
void    png_set_IHDR(png_structp    png_ptr,    png_infop    info_ptr,
png_uint_32 width, png_uint_32 height, int bit_depth, int color_type,
int interlace_type, int compression_type, int filter_type);
```

Description

png_set_IHDR() shall set image header information in info_ptr. width is the image width in pixels. height is the image height in pixels. bit_depth is the bit depth of the image. Valid values shall include 1, 2, 4, 8, 16 and shall also depend on the color type. color_type is the type of image. Supported color types shall include: PNG_COLOR_TYPE_GRAY (bit depths 1, 2, 4, 8, 16) PNG_COLOR_TYPE_GRAY_ALPHA (bit depths 8, 16) PNG_COLOR_TYPE_PALETTE (bit depths 1, 2, 4, 8) PNG_COLOR_TYPE_RGB (bit depths 8, 16) PNG_COLOR_TYPE_RGB_ALPHA (bit depths 8, 16) PNG_COLOR_MASK_PALETTE PNG_COLOR_MASK_COLOR PNG_COLOR_MASK_ALPHA interlace_type is the image interlace method. Supported values shall include: PNG_INTERLACE_NONE or PNG_INTERLACE_ADAM7 compression_type is the method used for image compression. The value must be PNG_COMPRESSION_TYPE_DEFAULT. filter_type is the method used for image filtering. The value must be PNG_FILTER_TYPE_DEFAULT.

Errors

png_set_IHDR() shall invoke error function if any of the arguments has an invalid value.

png_set_PLTE

Name

png_set_PLTE — set color values for the palette

Synopsis

```
#include <png.h>
void    png_set_PLTE(png_structp    png_ptr,    png_infop    info_ptr,
png_colorp palette, int num_palette);
```

Description

png_set_PLTE() shall set the array of color values used as palette for image to "palette". The palette shall include "num_palette" entries.

png_set_bKGD

Name

png_set_bKGD — set the background color for given image

Synopsis

```
#include <png.h>
void    png_set_bKGD(png_structp    png_ptr,    png_infop    info_ptr,
png_color_16p background);
```

Description

png_set_bKGD() shall set the background color of an image to "background" and sets bKGD chunk information to valid for the image.

png_set_background

Name

png_set_background — set the background for given image

Synopsis

```
#include <png.h>
void     png_set_background(png_structp     png_ptr,     png_color_16p
background_color, int background_gamma_code, int need_expand, double
background_gamma);
```

Description

png_set_background() shall set the background of an image with alpha channel or simple transparency with the specified background color. If background_gamma_code is set to PNG_BACKGROUND_GAMMA_SCREEN, it indicates that the supplied background color is in the gamma space of the display, else if it is set to PNG_BACKGROUND_GAMMA_FILE, the color is in the gamma space of the file. If the background color is supplied at the original bit-depth for a grayscale image that is expanded to truecolor or to a higher bit-depth, need_expand must be set to 1, but if the background color is supplied at the expanded bit-depth, need_expand must be set to 0. Similarly for paletted images, if background color is supplied as a palette index, need_expand must be set to 1, else if background color is supplied as an RGB triplet, need_expand must be set to 0.

png_set_bgr

Name

png_set_bgr — set pixel order to blue, green, red

Synopsis

```
#include <png.h>
void png_set_bgr(png_structp png_ptr);
```

Description

png_set_bgr() shall set the pixel order to blue, green, red.

png_set_cHRM

Name

`png_set_cHRM` — set CIE chromacities and referenced white point for given image

Synopsis

```
#include <png.h>
void png_set_cHRM(png_structp png_ptr, png_infop info_ptr, double white_x, double white_y, double red_x, double red_y, double green_x, double green_y, double blue_x, double blue_y);
```

Description

png_set_cHRM() shall set the CIE x,y chromaticities of the red, green and blue display primaries for the image and the referenced white point. The values must range from 0 to 21474.83 both inclusive.

Errors

png_set_cHRM() shall report a non-fatal error and exit if any of the chormacity values lies outside the range 0 to 21474.83.

png_set_compression_buffer_size

Name

`png_set_compression_buffer_size` — set the size of the compression buffer

Synopsis

```
#include <png.h>
void png_set_compression_buffer_size(png_structp png_ptr, png_uint_32 size);
```

Description

This interface shall set the size of the libz compression buffer `zbuf` for the specified PNG file.

The parameter *`png_ptr`* shall specify the PNG file for which to set the size of the compression buffer.

The parameter *`size`* shall specify the size to which to set the compression buffer, in bytes.

png_set_compression_level

Name

`png_set_compression_level` — set image compression level

Synopsis

```
#include <png.h>
void png_set_compression_level(png_structp png_ptr, int level);
```

Description

png_set_compression_level() shall set the compression level to "level". The valid values for "level" range from [0,9], corresponding directly to compression levels for zlib. The value 0 implies no compression and 9 implies maximal compression. Note: Tests have shown that zlib compression levels 3-6 usually perform as well as level 9 for PNG images, and do considerably fewer caclulations.

png_set_compression_mem_level

Name

`png_set_compression_mem_level` — set how much memory to use for the internal state during PNG compression

Synopsis

```
#include <png.h>
void     png_set_compression_mem_level(png_structp     png_ptr,     int
mem_level);
```

Description

This interface shall set how much memory to use for the internal state during PNG compression.

The parameter *`png_ptr`* shall specify the PNG file to compress.

The parameter *`mem_level`* corresponds directly to the *`memLevel`* parameter of the libz `deflateInit2_()` interface. This parameter shall specify how much memory to use for the internal state. The value of *`mem_level`* must be between `1` and `MAX_MEM_LEVEL`. Smaller values use less memory but are slower, while higher values use more memory to gain compression speed.

png_set_compression_method

Name

png_set_compression_method — set PNG compression algorithm

Synopsis

```
#include <png.h>
void png_set_compression_method(png_structp png_ptr, int method);
```

Description

This interface shall set the PNG compression algorithm to use.

The parameter *png_ptr* shall specify the PNG file to compress.

The parameter *method* corresponds directly to the *method* parameter of the libz deflateInit2_() interface. An LSB-conforming implementation shall support the Z_DEFLATED method, and may support other implementation defined methods.

png_set_compression_strategy

Name

png_set_compression_strategy — set PNG compression strategy

Synopsis

```
#include <png.h>
void png_set_compression_strategy(png_structp png_ptr, int strategy);
```

Description

This interface shall set the PNG compression strategy.

The parameter *png_ptr* shall specify the PNG file to compress.

The parameter *strategy* corresponds directly to the *strategy* parameter of the libz deflateInit2_() interface. This parameter shall specify the PNG compression strategy to use: one of Z_DEFAULT_STRATEGY, Z_FILTERED, and Z_HUFFMAN_ONLY.

png_set_compression_window_bits

Name

`png_set_compression_window_bits` — set PNG compression window size

Synopsis

```
#include <png.h>
void    png_set_compression_window_bits(png_structp    png_ptr,    int
window_bits);
```

Description

This interface shall set the PNG compression window size.

The parameter *`window_bits`* corresponds directly to the *`windowBits`* parameter of the libz `deflateInit2_()` interface. The value of this parameter equals the base 2 logarithm of the window size to use, and must be a value between `8` and `15`.

png_set_dither

Name

`png_set_dither` — turn on dithering to 8-bit

Synopsis

```
#include <png.h>
void  png_set_dither(png_structp  png_ptr,  png_colorp  palette,  int
num_palette,   int   maximum_colors,   png_uint_16p   histogram,   int
full_dither);
```

Description

png_set_dither() shall set transformation to dither file to 8-bit. For the given palette with num_palette number of colors, the number of colors in the palette shall be reduced to fit in "maximum_colors" if the palette is larger than maximum_colors. If supplied, the histogram is used to get better results of the reduced palette. For reducing the number of colors in palette, full_dither must be set to 0. If full_dither is set to 1, dithering cube shall be setup for RGB images to reduce the RGB file to a paletted file.

png_set_error_fn

Name

`png_set_error_fn` — set user defined functions for error handling

Synopsis

```
#include <png.h>
void png_set_error_fn(png_structp png_ptr, png_voidp error_ptr,
png_error_ptr error_fn, png_error_ptr warning_fn);
```

Description

png_set_error_fn() shall replace the default error handling and warning functions with user defined function error_fn for handling fatal errors and function warning_fn for handling non-fatal errors. The replacement functions must do a longjmp to the last setjmp location if setjmp/longjmp method of error handling is used. If error_fn or warning_fn is NULL, the default functions for error handling shall be used.

png_set_expand

Name

`png_set_expand` — set expansion transformation

Synopsis

```
#include <png.h>
void png_set_expand(png_structp png_ptr);
```

Description

`png_set_expand()` shall set transformation in *`png_ptr`* such that paletted images are expanded to RGB, grayscale images of bit-depth less than 8 are expanded to 8-bit images and tRNS chunks are expanded to alpha channels.

png_set_filler

Name

`png_set_filler` — add a filler byte to given image

Synopsis

```
#include <png.h>
void png_set_filler(png_structp png_ptr, png_uint_32 filler, int
flags);
```

Description

png_set_filler() shall set transformations in png_ptr such that a filler byte is added when an 8-bit grayscale image or 24-bit RGB image is read and a filler byte is deleted when an 8-bit grayscale image or 24-bit RGB image is written.

© 2008 Linux Foundation

png_set_filter

Name

`png_set_filter` — set filtering method

Synopsis

```
#include <png.h>
void png_set_filter(png_structp png_ptr, int method, int filters);
```

Description

png_set_filter() shall set the filtering method used for scan-line filtering. The only valid value for "method" is 0. "filters" is a bitmap for which the following bits may be set. PNG_NO_FILTERS PNG_FILTER_NONE PNG_FILTER_SUB PNG_FILTER_UP PNG_FILTER_AVG PNG_FILTER_PAETH PNG_ALL_FILTERS

png_set_gAMA

Name

`png_set_gAMA` — set the gamma value for given image

Synopsis

```
#include <png.h>
void png_set_gAMA(png_structp png_ptr, png_infop info_ptr, double
file_gamma);
```

Description

Sets the gamma value of an image to "file_gamma" and sets gAMA chunk information to valid for the image.

Errors

png_set_gAMA() shall generate warning if file_gamma > 21474.83 or file_gamma = 0

png_set_gamma

Name

png_set_gamma — transform the image from file gamma to screen gamma

Synopsis

```
#include <png.h>
void png_set_gamma(png_structp png_ptr, double screen_gamma, double
file_gamma);
```

Description

png_set_gama() shall set the transformation for gamma correction of the PNG file based on the screen gamma i.e. the display exponent. The gamma transformation may be turned off later if no semitransparent entries are present in the tRNS array for palette images.

png_set_gray_1_2_4_to_8

Name

png_set_gray_1_2_4_to_8 — set expansion transformation

Synopsis

```
#include <png.h>
void png_set_gray_1_2_4_to_8(png_structp png_ptr);
```

Description

png_set_gray_1_2_4_to_8() shall set transformation in *png_ptr* such that grayscale images of bit-depth less than 8 are expanded to 8-bit images. png_set_png_set_gray_1_2_4_to_8() is actually an alias for png_set_expand().

png_set_gray_to_rgb

Name

png_set_gray_to_rgb — expand the grayscale image to 24-bit RGB

Synopsis

```
#include <png.h>
void png_set_gray_to_rgb(png_structp png_ptr);
```

Description

png_set_gray_to_rgb() shall set transformations such that the grayscale image is converted to 24-bit RGB.

png_set_hIST

Name

`png_set_hIST` — set the histogram of color palette

Synopsis

```
#include <png.h>
void    png_set_hIST(png_structp    png_ptr,    png_infop    info_ptr,
png_uint_16p hist);
```

Description

png_set_hIST() shall set the histogram of palette to "hist".

png_set_iCCP

Name

`png_set_iCCP` — set ICC component

Synopsis

```
#include <png.h>
void png_set_iCCP(png_structp png_ptr, png_infop info_ptr, png_charp
name, int compression_type, png_charp profile, png_uint_32 proflen);
```

Description

png_set_iCCP() shall set the ICC component information to info_ptr. The arguments used to describe the ICC profile information have been described below:

name

ICC profile name

compression_type

compression type used must be 0

profile

profile data

proflen

length of profile data

png_set_interlace_handling

Name

`png_set_interlace_handling` — get the number of passes for image interlacing

Synopsis

```
#include <png.h>
int png_set_interlace_handling(png_structp png_ptr);
```

Description

png_set_interlace_handling() shall set the scheme to interlacing for writing an image and return the number of sub-images required to write the image.

Return Value

png_set_interlace_handling() shall return 7 if the image is interlaced, otherwise png_set_interlace_handling() shall return 1.

png_set_invert_alpha

Name

`png_set_invert_alpha` — invert the level of opacity of a PNG file

Synopsis

```
#include <png.h>
void png_set_invert_alpha(png_structp png_ptr);
```

Description

This interface shall invert the level of opacity (alpha) of a PNG file.

The parameter *png_ptr* shall specify the PNG file for which to invert the opacity.

png_set_invert_mono

Name

`png_set_invert_mono` — reverse values for monochromicity

Synopsis

```
#include <png.h>
void png_set_invert_mono(png_structp png_ptr);
```

Description

png_set_invert_mono() shall set monochromicity value 0 to white and value 1 to black.

© 2008 Linux Foundation

png_set_keep_unknown_chunks

Name

`png_set_keep_unknown_chunks` — specify list of chunks and how to handle them

Synopsis

```
#include <png.h>
void   png_set_keep_unknown_chunks(png_structp   png_ptr,   int   keep,
png_bytep chunk_list, int num_chunks);
```

Description

This interface shall specify a list of chunks in the input PNG stream and how to handle them. Any unspecified chunks shall be handled in the default way. The IEND and IHDR chunks must not be specified.

The parameter *`png_ptr`* shall specify the PNG file.

The parameter *`keep`* shall specify how the unknown chunks are to be handled (see below).

The parameter *`chunk_list`* shall specify the list of chunks that shall be affected. The value passed must be a string of bytes with five bytes per chunk, or `NULL` or `\0` if the value of *`num_chunks`* is `0`.

The parameter *`num_chunks`* shall specify the number of chunks to be affected. If the value is `0`, all unknown chunks shall be affected.

The possible values of *`keep`* are as follows.

0

: handle unknown chunks in the default way

1

: do not keep unknown chunks

2

: keep unknown chunks only if they are safe to copy

3

: keep unknown chunks even if they are unsafe to copy

Application Usage (informative)

The normal behavior of libpng is that known chunks are processed and unknown chunks are discarded. This interface reads both known and unknown chunks, handling them as specified by the user.

Unknown chunks specified to this interface are saved unchanged in a list of png_unknown_chunk structures. If a known chunk is specified in the list of unknown chunks, it will be handled per the *`keep`* parameter. If a chunk is specified in successive calls to this interface, the final call takes precedence.

png_set_mem_fn

Name

`png_set_mem_fn` — install custom memory allocation functions

Synopsis

```
#include <png.h>
void    png_set_mem_fn(png_structp    png_ptr,    png_voidp    mem_ptr,
png_malloc_ptr malloc_fn, png_free_ptr free_fn);
```

Description

This interface shall install custom memory allocation functions.

The parameter *`png_ptr`* shall specify the PNG file.

The parameter *`mem_ptr`* shall specify a struct provided by the user for memory functions.

The parameter *`malloc_fn`* shall specify the function used to allocate memory. If the value of this parameter is `NULL`, then the capability to allocate memory with the libpng ABI shall be disabled.

The parameter *`free_fn`* shall specify the function used to free memory. If the value of this parameter is `NULL`, then the capability to free memory with the libpng ABI shall be disabled.

png_set_oFFs

Name

`png_set_oFFs` — set screen offsets for given image

Synopsis

```
#include <png.h>
void    png_set_oFFs(png_structp    png_ptr,    png_infop    info_ptr,
png_int_32 offset_x, png_int_32 offset_y, int unit_type);
```

Description

png_set_oFFs() shall set the positive offset from the left edge of the screen to offset_x and the positive offset from the left edge of the screen to offset_y. The unit_type must be PNG_OFFSET_PIXEL if the offset is defined in pixels or PNG_OFFSET_MICROMETER if the offset is defined in microns.

png_set_pHYs

Name

png_set_pHYs — set physical resolution

Synopsis

```
#include <png.h>
void    png_set_pHYs(png_structp    png_ptr,    png_infop    info_ptr,
png_uint_32 res_x, png_uint_32 res_y, int unit_type);
```

Description

png_set_pHYs() sets the physical resolution for the image in pixels per unit. The physical resolution in x direction is set to res_x and that in y direction is set to res_y. unit_type must be set to PNG_RESOLUTION_METER is the unit for resolution is pixels per unit, otherwise unit_type must be set to PNG_RESOLUTION_UNKNOWN.

png_set_packing

Name

png_set_packing — expand image to 1 pixel per byte for bit-depths 1,2 and 4

Synopsis

```
#include <png.h>
void png_set_packing(png_structp png_ptr);
```

Description

png_set_packing() shall expand image to 1 pixel per byte for bit-depths 1, 2 and 4 without changing the order of the pixels. If png_set_packing() is not called, PNG files pack pixels of bit_depths 1, 2 and 4 into bytes as small as possible, for example, 8 pixels per byte for 1-bit files.

png_set_packswap

Name

png_set_packswap — swap the order of pixels for packed-pixel image

Synopsis

```
#include <png.h>
void png_set_packswap(png_structp png_ptr);
```

Description

png_set_swap() shall change the pixel packing order for each byte for packed-pixel images with bit-depths 1, 2 or 4.

png_set_palette_to_rgb

Name

png_set_palette_to_rgb — set expansion transformation

Synopsis

```
#include <png.h>
void png_set_palette_to_rgb(png_structp png_ptr);
```

Description

png_set_palette_to_rgb() shall set transformation in *png_ptr* such that paletted images are expanded to RGB. png_set_palette_to_rgb() is actually an alias for png_set_expand().

png_set_progressive_read_fn

Name

png_set_progressive_read_fn — set progressive read callback functions

Synopsis

```
#include <png.h>
void png_set_progressive_read_fn(png_structp png_ptr, png_voidp
user_ptr, png_progressive_info_ptr info_callback,
png_progressive_row_ptr row_callback, png_progressive_end_ptr
end_callback);
```

Description

png_set_progressive_read_fn() shall provide function callbacks for which shall be called for processing image data by png_process_data(). "info_callback" shall be called to process header information, "row_callback" shall be called when each row is completed and "end_callback" shall be called to process end of image information. png_set_progressive_read_fn() must be called even if all callback functions are NULL. The user-defined structure pointed to by "user_ptr" may be retrieved from inside the callbacks using function get_progressive_ptr().

png_set_read_fn

Name

png_set_read_fn — set user-defined function for reading a PNG stream

Synopsis

```
#include <png.h>
void    png_set_read_fn(png_structp    png_ptr,    png_voidp    io_ptr,
png_rw_ptr read_data_fn);
```

Description

png_set_read_fn() sets the read_data_fn as the input function for reading PNG files instead of using standard C I/O stream functions. png_ptr - pointer to input data structure png_struct io_ptr - pointer to user-defined structure containing information about the input functions. This value may be NULL. read_data_fn - pointer to new input function that shall take the following arguments: - a pointer to a png_struct - a pointer to a structure where input data can be stored - 32-bit unsigned int to indicate number of bytes to read The input function should invoke png_error() to handle any fatal errors and png_warning() to handle non-fatal errors.

png_set_read_user_chunk_fn

Name

png_set_read_user_chunk_fn — install custom callback function to handle unknown chunks in the input stream

Synopsis

```
#include <png.h>
void    png_set_read_user_chunk_fn(png_structp    png_ptr,    png_voidp
user_chunk_ptr, png_user_chunk_ptr read_user_chunk_fn);
```

Description

This interface shall install a custom callback function to handle unknown chunks in the input stream.

The parameter *png_ptr* shall specify the PNG file.

The parameter *user_chunk_ptr* shall specify a user pointer obtainable with png_get_user_chunk_ptr().

The parameter *read_user_chunk_fn* shall specify the custom callback function.

png_set_read_user_transform_fn

Name

png_set_read_user_transform_fn — install a custom input transformation callback function

Synopsis

```
#include <png.h>
void        png_set_read_user_transform_fn(png_structp        png_ptr,
png_user_transform_ptr read_user_transform_fn);
```

Description

This interface shall install a custom input transformation callback function.

The parameter *png_ptr* shall specify the PNG file to be transformed.

The parameter *read_user_transform_fn* shall specify the custom callback function.

png_set_rgb_to_gray

Name

png_set_rgb_to_gray — reduce 24-bit RGB to grayscale image

Synopsis

```
#include <png.h>
void png_set_rgb_to_gray(png_structp png_ptr);
```

Description

png_set_rgb_to_gray() shall set transformations such that the 24-bit RGB image is converted to grayscale.

png_set_rows

Name

png_set_rows — put image data in png_info structure

Synopsis

```
#include <png.h>
void    png_set_rows(png_structp    png_ptr,    png_infop    info_ptr,
png_bytepp row_pointers);
```

Description

png_set_rows() shall put rows of image data into the info_ptr structure, where row_pointers is an array of pointers to the pixel data for each row.

png_set_sBIT

Name

png_set_sBIT — set number of significant bits for each channel

Synopsis

```
#include <png.h>
void    png_set_sBIT(png_structp    png_ptr,    png_infop    info_ptr,
png_color_8p sig_bit);
```

Description

png_set_sBIT shall set the number of significant bits for each of gray, red, green and blue channels, whichever are appropriate for the given color type.

png_set_sRGB

Name

png_set_sRGB — set the rendering intent for given image

Synopsis

```
#include <png.h>
void  png_set_sRGB(png_structp  png_ptr,  png_infop  info_ptr,  int
srgb_intent);
```

Description

png_set_sRGB() shall set the rendering intent of an image as specified by srgb_intent and shall set the sRGB chunk information to valid for the image. The presence of sRGB chunk implies that the pixel data is in the sRGB color space. srgb_intent can take one of the following values
PNG_sRGB_INTENT_SATURATION
PNG_sRGB_INTENT_PERCEPTUAL
PNG_sRGB_INTENT_ABSOLUTE
PNG_sRGB_INTENT_RELATIVE

png_set_sRGB_gAMA_and_cHRM

Name

`png_set_sRGB_gAMA_and_cHRM` — set rendering intent, gamma values, and CIE chromaticities of a PNG file

Synopsis

```
#include <png.h>
void    png_set_sRGB_gAMA_and_cHRM(png_structp    png_ptr,    png_infop
info_ptr, int srgb_intent);
```

Description

This interface shall set the rendering intent, gamma values, and CIE chromaticities of a PNG file.

The parameter *`png_ptr`* shall specify the PNG file.

The parameter *`info_ptr`* shall specify the PNG info structure.

The parameter *`srgb_intent`* shall specify the rendering intent. Because the sRGB chunk is present, the pixel data uses the sRGB color space. This interface shall also write gAMA and cHRM chunks with values consistent with sRGB.

png_set_shift

Name

`png_set_shift` — shift pixel values to valid bit-depth

Synopsis

```
#include <png.h>
void png_set_shift(png_structp png_ptr, png_color_8p true_bits);
```

Description

If image data in a row buffer is stored in a bit depth other than those supported by PNG, png_set_shift() shall scale the values to a valid bit-depth defined by PNG format. For example, 3-bit data in range 0-7 is scaled to 4-bit PNG.

© 2008 Linux Foundation

png_set_sig_bytes

Name

`png_set_sig_bytes` — number of bytes read from PNG file

Synopsis

```
#include <png.h>
void png_set_sig_bytes(png_structp png_ptr, int num_bytes);
```

Description

png_set_sig_bytes() shall store the number of bytes of the PNG file signature that have been read from the PNG stream.

Errors

png_set_sig_bytes() shall invoke error function if num_bytes > 8.

png_set_strip_16

Name

`png_set_strip_16` — strip 16 bit PNG file to 8 bit depth

Synopsis

```
#include <png.h>
void png_set_strip_16(png_structp png_ptr);
```

Description

png_set_strip_16() shall strip the pixels of a PNG stream with 16 bits per channel to 8 bits per channel.

png_set_strip_alpha

Name

`png_set_strip_alpha` — remove alpha channel on the given image

Synopsis

```
#include <png.h>
void png_set_strip_alpha(png_structp png_ptr);
```

Description

png_set_strip_alpha() shall set transformation on the image to remove the alpha channel.

png_set_swap

Name

png_set_swap — swap byte-order for 16 bit depth files

Synopsis

```
#include <png.h>
void png_set_swap(png_structp png_ptr);
```

Description

PNG files store 16-bit pixels in network byte order (big-endian, ie most significant bytes first). png_set_swap() shall switch the byte-order to little-endian (ie, least significant bits first).

png_set_swap_alpha

Name

png_set_swap_alpha — swap image data from RGBA to ARGB format

Synopsis

```
#include <png.h>
void png_set_swap_alpha(png_structp png_ptr);
```

Description

png_set_swap_alpha() shall swap data for an image with an alpha channel from RGBA format to ARGB format.

png_set_tIME

Name

png_set_tIME — set last modification time for the image

Synopsis

```
#include <png.h>
void png_set_tIME(png_structp png_ptr, png_infop info_ptr, png_timep
mod_time);
```

Description

png_set_sBIT shall set the time of last modification of the image in info_ptr as specified by mod_time.

png_set_tRNS

Name

png_set_tRNS — set transparency values for images

Synopsis

```
#include <png.h>
void png_set_tRNS(png_structp png_ptr, png_infop info_ptr, png_bytep
trans, int num_trans, png_color_16p trans_values);
```

Description

png_set_tRNS() shall set the transparency data for paletted images and image types that don't need a full alpha channel. For a paletted image, png_set_tRNS() shall set the array of transparency values for the palette colors to "trans". The number of transparency entries is given by "num_trans". For non-paletted images, png_set_tRNS() shall set the single color value or graylevel to "trans_values"

png_set_tRNS_to_alpha

Name

png_set_tRNS_to_alpha — set expansion transformation

Synopsis

```
#include <png.h>
void png_set_tRNS_to_alpha(png_structp png_ptr);
```

Description

png_set_tRNS_to_alpha() shall set transformation in *png_ptr* such that tRNS chunks are expanded to alpha channels. png_set_tRNS_to_alpha() is actually an alias for png_set_expand().

png_set_text

Name

`png_set_text` — stores information for image comments

Synopsis

```
#include <png.h>
void png_set_text(png_structp png_ptr, png_infop info_ptr, png_textp
text_ptr, int num_text);
```

Description

`png_set_text()` shall store information for image comments given in *`text_ptr`* to *`info_ptr`*. *`text_ptr`* is an array of size *`num_text`* of `png_text` structures whose member fields include:

`compression`

type of compression used on text. Valid values are:
PNG_TEXT_COMPRESSION_NONE
PNG_TEXT_COMPRESSION_zTXt
PNG_ITXT_COMPRESSION_NONE
PNG_ITXT_COMPRESSION_zTXt

`key`

keyword for comment. Must contain 1-79 characters.

`text`

text comment for current keyword. May be empty.

`text_length`

length of text string after decompression. 0 for iTXt.

© 2008 Linux Foundation

png_set_unknown_chunk_location

Name

`png_set_unknown_chunk_location` — set the location of an unknown chunk in a PNG file

Synopsis

```
#include <png.h>
void  png_set_unknown_chunk_location(png_structp  png_ptr,  png_infop
info_ptr, int chunk, int location);
```

Description

This interface shall set the location of an unknown chunk in a PNG file.

The parameter *`png_ptr`* shall specify the PNG file.

The parameter *`info_ptr`* shall specify the PNG info structure.

The parameter *`chunk`* shall specify the number of the chunk in the array of unknown chunks.

The parameter *`location`* shall specify the new location of the chunk within the PNG file.

png_set_unknown_chunks

Name

`png_set_unknown_chunks` — insert unknown chunks into a PNG file

Synopsis

```
#include <png.h>
void png_set_unknown_chunks(png_structp png_ptr, png_infop info_ptr,
png_unknown_chunkp unknowns, int num_unknowns);
```

Description

This interface shall insert unknown chunks into a PNG file.

The parameter *`png_ptr`* shall specify the PNG file.

The parameter *`info_ptr`* shall specify the PNG info structure.

The parameter *`unknowns`* shall specify an array of png_unknown_chunk structures containing the unknown chunks, as described under `png_get_unknown_chunks()`. The `location` member of a png_unknown_chunk structure can take several special values (see below).

The parameter *`num_unknowns`* shall specify the number of unknown chunks.

The special values for the `location` members of the png_unknown_chunk structures are as follows.

0

: do not write the chunk

`PNG_HAVE_IHDR`

: insert chunk before PLTE

`PNG_HAVE_PLTE`

: insert chunk before IDAT

`PNG_AFTER_IDAT`

: insert chunk after IDAT

Notes

The `location` member of the png_unknown_chunk structure is set automatically depending on how much of the PNG file has been written. Its value can be changed after calling this interface. The chunk is placed within a location according to its position in the array of structures, as described under `png_get_unknown_chunks()`.

png_set_write_fn

Name

png_set_write_fn — set user-defined function for writing a PNG stream

Synopsis

```
#include <png.h>
void    png_set_write_fn(png_structp    png_ptr,    png_voidp    io_ptr,
png_rw_ptr write_data_fn, png_flush_ptr output_flush_fn);
```

Description

png_set_write_fn() sets the write_data_fn as the output function for writing PNG files instead of using standard C I/O stream functions. png_ptr - pointer to output data structure png_struct io_ptr - pointer to user-defined structure containing information about the output functions. This value may be NULL. write_data_fn - pointer to new output function that shall take the following arguments: - a pointer to a png_struct - a pointer to a structure where output data can be stored - 32-bit unsigned int to indicate number of bytes to write The output function should invoke png_error() to handle any fatal errors and png_warning() to handle non-fatal errors. flush_data_fn - pointer to a new flush function that shall take a pointer to a png_struct as argument. This function shall flush any remaining data in buffers used by the output function. If the output function does not buffer output, a function prototype must still be supplied.

png_set_write_status_fn

Name

png_set_write_status_fn — install custom callback function to be called after row is written

Synopsis

```
#include <png.h>
void            png_set_write_status_fn(png_structp            png_ptr,
png_write_status_ptr write_row_fn);
```

Description

This interface shall install a custom callback function to be called after a row has been written.

The parameter *png_ptr* shall specify the PNG file to be transformed.

The parameter *write_row_fn* shall specify the custom callback function.

png_set_write_user_transform_fn

Name

`png_set_write_user_transform_fn` — install a custom output transformation callback function

Synopsis

```
#include <png.h>
void        png_set_write_user_transform_fn(png_structp        png_ptr,
png_user_transform_ptr write_user_transform_fn);
```

Description

This interface shall install a custom output transformation callback function.

The parameter *`png_ptr`* shall specify the PNG file to be transformed.

The parameter *`write_user_transform_fn`* shall specify the custom callback function.

png_sig_cmp

Name

`png_sig_cmp` — match the PNG signature

Synopsis

```
#include <png.h>
int   png_sig_cmp(png_bytep   sig,   png_size_t   start,   png_size_t
num_to_check);
```

Description

png_sig_cmp() checks whether the given number of bytes match the PNG signature starting from the start position. The function shall return non-zero if num_to_check == 0 or start > 7.

Return Value

Zero - the given number of bytes starting from start position match the respective bytes of the PNG signature. Non-zero - the given number of bytes starting from start position do not match the respective bytes of the PNG signature or num_to_check == 0 or start > 7.

png_start_read_image

Name

`png_start_read_image` — start reading a PNG file

Synopsis

```
#include <png.h>
void png_start_read_image(png_structp png_ptr);
```

Description

This interface shall update the palette with the previously specified transformations, and then start reading the specified PNG file.

The parameter *png_ptr* shall specify the PNG file to read.

png_warning

Name

png_warning — default function to handle non-fatal errors

Synopsis

```
#include <png.h>
void png_warning(png_structp png_ptr, png_const_charp
warning_message);
```

Description

png_warning() is the default function for handling non-fatal errors. The default function to handle warnings may be changed by using png_set_error_fn() to replace the warning function at run-time.

png_write_chunk

Name

png_write_chunk — write a PNG chunk

Synopsis

```
#include <png.h>
void png_write_chunk(png_structp png_ptr, png_bytep chunk_name,
png_bytep data, png_size_t length);
```

Description

png_write_chunk() writes the start of a PNG chunk, the chunk data and the end of the chunk all at once.

png_write_end

Name

`png_write_end` — write the end of a PNG file

Synopsis

```
#include <png.h>
void png_write_end(png_structp png_ptr, png_infop info_ptr);
```

Description

png_write_end() writes the end of a PNG file to which the image data has already been written. The user may write time information or comments at the end of the PNG file.

png_write_flush

Name

`png_write_flush` — flush the current output buffers

Synopsis

```
#include <png.h>
void png_write_flush(png_structp png_ptr);
```

Description

png_write_flush() shall the current output buffers for any pending data.

png_write_image

Name

`png_write_image` — write the given image data

Synopsis

```
#include <png.h>
void png_write_image(png_structp png_ptr, png_bytepp image);
```

Description

Write the rows of given image data. If the image is not interlaced, the image shall be written in a single pass.

png_write_info

Name

`png_write_info` — write PNG information to file

Synopsis

```
#include <png.h>
void png_write_info(png_structp png_ptr, png_infop info_ptr);
```

Description

png_write_info() writes the PNG information in info_ptr to file.

png_write_png

Name

png_write_png — write the entire PNG file

Synopsis

```
#include <png.h>
void  png_write_png(png_structp  png_ptr,  png_infop  info_ptr,  int
transforms, png_voidp params);
```

Description

png_write_png() shall provide the high-level write operation. The function shall write the PNG stream if the entire image information is available in png_ptr. The integer "transforms" shall contain the logical OR of a set of the following transformation flags:

PNG_TRANSFORM_IDENTITY

No transformation

PNG_TRANSFORM_PACKING

Expand 1, 2 and 4-bit samples to bytes

PNG_TRANSFORM_PACKSWAP

Change order of packed pixels to LSB first

PNG_TRANSFORM_INVERT_MONO

Invert monochrome images

PNG_TRANSFORM_SHIFT

Normalize pixels to the sBIT depth

PNG_TRANSFORM_BGR

Flip RGB to BGR, RGBA to BGRA

PNG_TRANSFORM_SWAP_ALPHA

Flip RGBA to ARGB or GA to AG

PNG_TRANSFORM_INVERT_ALPHA

Change alpha from opacity to transparency

PNG_TRANSFORM_SWAP_ENDIAN

Byte-swap 16-bit samples

PNG_TRANSFORM_STRIP_FILLER

Strip off filler bytes

"params" is unused and must be set to NULL.

© 2008 Linux Foundation

png_write_row

Name

`png_write_row` — write a row of image data

Synopsis

```
#include <png.h>
void png_write_row(png_structp png_ptr, png_bytep row);
```

Description

Process and write a row of image data. The header information must have been written before the image data can be written.

png_write_rows

Name

`png_write_rows` — write multiple rows of image data

Synopsis

```
#include <png.h>
void png_write_rows(png_structp png_ptr, png_bytepp row, png_uint_32
num_rows);
```

Description

Process and write "num_rows" rows of image data starting from "row".

V JPEG library

9 Libraries

9.1 Interfaces for libjpeg

Table 9-1 defines the library name and shared object name for the libjpeg library

Table 9-1 libjpeg Definition

Library:	libjpeg
SONAME:	libjpeg.so.62

The behavior of the interfaces in this library is specified by the following specifications:

[LSB] This Specification

9.1.1 JPEG Reference library

9.1.1.1 Interfaces for JPEG Reference library

An LSB conforming implementation shall provide the generic functions for JPEG Reference library specified in Table 9-2, with the full mandatory functionality as described in the referenced underlying specification.

Table 9-2 libjpeg - JPEG Reference library Function Interfaces

jpeg_CreateCompress [LSB]	jpeg_CreateDecompress [LSB]	jpeg_abort [LSB]
jpeg_abort_compress [LSB]	jpeg_abort_decompress [LSB]	jpeg_add_quant_table [LSB]
jpeg_alloc_huff_table [LSB]	jpeg_alloc_quant_table [LSB]	jpeg_calc_output_dimensions [LSB]
jpeg_consume_input [LSB]	jpeg_copy_critical_parameters [LSB]	jpeg_default_colorspace [LSB]
jpeg_destroy [LSB]	jpeg_destroy_compress [LSB]	jpeg_destroy_decompress [LSB]
jpeg_finish_compress [LSB]	jpeg_finish_decompress [LSB]	jpeg_finish_output [LSB]
jpeg_has_multiple_scans [LSB]	jpeg_input_complete [LSB]	jpeg_new_colormap [LSB]
jpeg_quality_scaling [LSB]	jpeg_read_coefficients [LSB]	jpeg_read_header [LSB]
jpeg_read_raw_data [LSB]	jpeg_read_scanlines [LSB]	jpeg_resync_to_restart [LSB]
jpeg_save_markers [LSB]	jpeg_set_colorspace [LSB]	jpeg_set_defaults [LSB]
jpeg_set_linear_quality [LSB]	jpeg_set_marker_processor [LSB]	jpeg_set_quality [LSB]
jpeg_simple_progression [LSB]	jpeg_start_compress [LSB]	jpeg_start_decompress [LSB]
jpeg_start_output [LSB]	jpeg_std_error [LSB]	jpeg_stdio_dest [LSB]

jpeg_stdio_src [LSB]	jpeg_suppress_tables [LSB]	jpeg_write_coefficients [LSB]
jpeg_write_m_byte [LSB]	jpeg_write_m_header [LSB]	jpeg_write_marker [LSB]
jpeg_write_raw_data [LSB]	jpeg_write_scanlines [LSB]	jpeg_write_tables [LSB]

9.2 Data Definitions for libjpeg

This section defines global identifiers and their values that are associated with interfaces contained in libjpeg. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

9.2.1 jpeglib.h

```
#define FAR
#define HAVE_PROTOTYPES
#define HAVE_UNSIGNED_CHAR
#define HAVE_UNSIGNED_SHORT
#define jpeg_create_compress(cinfo)      \
          jpeg_CreateCompress((cinfo), JPEG_LIB_VERSION, (size_t)
sizeof(struct \
        jpeg_compress_struct))
#define jpeg_create_decompress(cinfo)    \
         jpeg_CreateDecompress((cinfo), JPEG_LIB_VERSION, (size_t)
\
        sizeof(struct jpeg_decompress_struct))
#define jpeg_common_fields       \
           struct jpeg_error_mgr * err; struct jpeg_memory_mgr *
mem; struct \
         jpeg_progress_mgr * progress; void * client_data; boolean
\
        is_decompressor; int global_state
#define GETJSAMPLE(value)       ((int) (value))
#define GETJOCTET(value)        (value)
#define JPEG_SUSPENDED  0
#define JPOOL_PERMANENT 0
#define JPEG_RST0       0xD0
#define JPEG_EOI        0xD9
#define JPEG_APP0       0xE0
#define JPEG_COM        0xFE
#define JPEG_HEADER_OK  1
#define JPEG_REACHED_SOS        1
#define JPOOL_IMAGE     1
#define C_MAX_BLOCKS_IN_MCU     10
#define D_MAX_BLOCKS_IN_MCU     10
```

```
#define MAX_COMPONENTS  10
#define CENTERJSAMPLE   128
#define NUM_ARITH_TBLS  16
#define JPEG_HEADER_TABLES_ONLY 2
#define JPEG_REACHED_EOI        2
#define JPOOL_NUMPOOLS  2
#define JMSG_LENGTH_MAX 200
#define MAXJSAMPLE      255
#define JPEG_ROW_COMPLETED      3
#define JPEG_SCAN_COMPLETED     4
#define MAX_COMPS_IN_SCAN       4
#define MAX_SAMP_FACTOR 4
#define NUM_HUFF_TBLS   4
#define NUM_QUANT_TBLS  4
#define JPEG_LIB_VERSION        62
#define DCTSIZE2        64
#define JPEG_MAX_DIMENSION      65500L
#define BITS_IN_JSAMPLE 8
#define DCTSIZE 8
#define JMSG_STR_PARM_MAX       80
#define JPP(arglist)    arglist
#define EXTERN(type)    extern type
#define JDCT_FASTEST    JDCT_IFAST
#define JDCT_DEFAULT    JDCT_ISLOW
#define LOCAL(type)     static type
#define METHODDEF(type) static type
#define GLOBAL(type)    type
#define   JMETHOD(type,methodname,arglist)                    type
(*methodname) arglist

struct jpeg_decompress_struct {
    struct jpeg_error_mgr *err;
    struct jpeg_memory_mgr *mem;
    struct jpeg_progress_mgr *progress;
    void *client_data;
    boolean is_decompressor;
    int global_state;
    struct jpeg_source_mgr *src;
    JDIMENSION image_width;
    JDIMENSION image_height;
    int num_components;
    J_COLOR_SPACE jpeg_color_space;
    J_COLOR_SPACE out_color_space;
    unsigned int scale_num;
    unsigned int scale_denom;
    double output_gamma;
    boolean buffered_image;
    boolean raw_data_out;
    J_DCT_METHOD dct_method;
    boolean do_fancy_upsampling;
    boolean do_block_smoothing;
    boolean quantize_colors;
    J_DITHER_MODE dither_mode;
    boolean two_pass_quantize;
    int desired_number_of_colors;
    boolean enable_1pass_quant;
    boolean enable_external_quant;
    boolean enable_2pass_quant;
    JDIMENSION output_width;
    JDIMENSION output_height;
    int out_color_components;
    int output_components;
    int rec_outbuf_height;
    int actual_number_of_colors;
    JSAMPARRAY colormap;
    JDIMENSION output_scanline;
```

```
    int input_scan_number;
    JDIMENSION input_iMCU_row;
    int output_scan_number;
    JDIMENSION output_iMCU_row;
    int *coef_bits;
    JQUANT_TBL *quant_tbl_ptrs[4];
    JHUFF_TBL *dc_huff_tbl_ptrs[4];
    JHUFF_TBL *ac_huff_tbl_ptrs[4];
    int data_precision;
    jpeg_component_info *comp_info;
    boolean progressive_mode;
    boolean arith_code;
    UINT8 arith_dc_L[16];
    UINT8 arith_dc_U[16];
    UINT8 arith_ac_K[16];
    unsigned int restart_interval;
    boolean saw_JFIF_marker;
    UINT8 JFIF_major_version;
    UINT8 JFIF_minor_version;
    UINT8 density_unit;
    UINT16 X_density;
    UINT16 Y_density;
    boolean saw_Adobe_marker;
    UINT8 Adobe_transform;
    boolean CCIR601_sampling;
    jpeg_saved_marker_ptr marker_list;
    int max_h_samp_factor;
    int max_v_samp_factor;
    int min_DCT_scaled_size;
    JDIMENSION total_iMCU_rows;
    JSAMPLE *sample_range_limit;
    int comps_in_scan;
    jpeg_component_info *cur_comp_info[4];
    JDIMENSION MCUs_per_row;
    JDIMENSION MCU_rows_in_scan;
    int blocks_in_MCU;
    int MCU_membership[10];
    int Ss;
    int Se;
    int Ah;
    int Al;
    int unread_marker;
    struct jpeg_decomp_master *master;
    struct jpeg_d_main_controller *main;
    struct jpeg_d_coef_controller *coef;
    struct jpeg_d_post_controller *post;
    struct jpeg_input_controller *inputctl;
    struct jpeg_marker_reader *marker;
    struct jpeg_entropy_decoder *entropy;
    struct jpeg_inverse_dct *idct;
    struct jpeg_upsampler *upsample;
    struct jpeg_color_deconverter *cconvert;
    struct jpeg_color_quantizer *cquantize;
};
struct jpeg_error_mgr {
    void (*error_exit) (j_common_ptr);
    void (*emit_message) (j_common_ptr, int);
    void (*output_message) (j_common_ptr);
    void (*format_message) (j_common_ptr, char *);
    void (*reset_error_mgr) (j_common_ptr);
    int msg_code;
    union {
        int i[8];
        char s[80];
    } msg_parm;
    int trace_level;
```

```
    long int num_warnings;
    const char *const *jpeg_message_table;
    int last_jpeg_message;
    const char *const *addon_message_table;
    int first_addon_message;
    int last_addon_message;
};
struct jpeg_common_struct {
    struct jpeg_error_mgr *err;
    struct jpeg_memory_mgr *mem;
    struct jpeg_progress_mgr *progress;
    void *client_data;
    boolean is_decompressor;
    int global_state;
};
struct jpeg_memory_mgr {
    void *(*alloc_small) (j_common_ptr, int, size_t);
    void *(*alloc_large) (j_common_ptr, int, size_t);
       JSAMPARRAY(*alloc_sarray) (j_common_ptr, int, JDIMENSION,
JDIMENSION);
     JBLOCKARRAY(*alloc_barray) (j_common_ptr, int, JDIMENSION,
                                 JDIMENSION);
       jvirt_sarray_ptr(*request_virt_sarray) (j_common_ptr, int,
boolean,
                                               JDIMENSION,
JDIMENSION,
                                            JDIMENSION);
       jvirt_barray_ptr(*request_virt_barray) (j_common_ptr, int,
boolean,
                                               JDIMENSION,
JDIMENSION,
                                            JDIMENSION);
    void (*realize_virt_arrays) (j_common_ptr);
                JSAMPARRAY(*access_virt_sarray)   (j_common_ptr,
jvirt_sarray_ptr,
                                           JDIMENSION, JDIMENSION,
boolean);
               JBLOCKARRAY(*access_virt_barray)   (j_common_ptr,
jvirt_barray_ptr,
                                           JDIMENSION, JDIMENSION,
boolean);
    void (*free_pool) (j_common_ptr, int);
    void (*self_destruct) (j_common_ptr);
    long int max_memory_to_use;
    long int max_alloc_chunk;
};
typedef struct jpeg_common_struct *j_common_ptr;
typedef unsigned char JSAMPLE;
typedef JSAMPLE *JSAMPROW;
typedef JSAMPROW *JSAMPARRAY;
typedef unsigned int JDIMENSION;
typedef short int JCOEF;
typedef JCOEF JBLOCK[64];
typedef JBLOCK *JBLOCKROW;
typedef JBLOCKROW *JBLOCKARRAY;
typedef struct jvirt_sarray_control *jvirt_sarray_ptr;
typedef int boolean;
typedef struct jvirt_barray_control *jvirt_barray_ptr;
struct jpeg_progress_mgr {
    void (*progress_monitor) (j_common_ptr);
    long int pass_counter;
    long int pass_limit;
    int completed_passes;
    int total_passes;
};
struct jpeg_source_mgr {
```

```
    const JOCTET *next_input_byte;
    size_t bytes_in_buffer;
    void (*init_source) (j_decompress_ptr);
     boolean(*fill_input_buffer) (j_decompress_ptr);
    void (*skip_input_data) (j_decompress_ptr, long int);
     boolean(*resync_to_restart) (j_decompress_ptr, int);
    void (*term_source) (j_decompress_ptr);
};
typedef unsigned char JOCTET;
typedef struct jpeg_decompress_struct *j_decompress_ptr;
typedef enum {
    JCS_UNKNOWN = 0,
    JCS_GRAYSCALE = 1,
    JCS_RGB = 2,
    JCS_YCbCr = 3,
    JCS_CMYK = 4,
    JCS_YCCK = 5
} J_COLOR_SPACE;
typedef enum {
    JDCT_ISLOW = 0,
    JDCT_IFAST = 1,
    JDCT_FLOAT = 2
} J_DCT_METHOD;
typedef enum {
    JDITHER_NONE = 0,
    JDITHER_ORDERED = 1,
    JDITHER_FS = 2
} J_DITHER_MODE;
typedef short unsigned int UINT16;
typedef struct {
    UINT16 quantval[64];
    boolean sent_table;
} JQUANT_TBL;
typedef unsigned char UINT8;
typedef struct {
    UINT8 bits[17];
    UINT8 huffval[256];
    boolean sent_table;
} JHUFF_TBL;
typedef struct {
    int component_id;
    int component_index;
    int h_samp_factor;
    int v_samp_factor;
    int quant_tbl_no;
    int dc_tbl_no;
    int ac_tbl_no;
    JDIMENSION width_in_blocks;
    JDIMENSION height_in_blocks;
    int DCT_scaled_size;
    JDIMENSION downsampled_width;
    JDIMENSION downsampled_height;
    boolean component_needed;
    int MCU_width;
    int MCU_height;
    int MCU_blocks;
    int MCU_sample_width;
    int last_col_width;
    int last_row_height;
    JQUANT_TBL *quant_table;
    void *dct_table;
} jpeg_component_info;
struct jpeg_marker_struct {
    jpeg_saved_marker_ptr next;
    UINT8 marker;
    unsigned int original_length;
```

```
    unsigned int data_length;
    JOCTET *data;
};
typedef struct jpeg_marker_struct *jpeg_saved_marker_ptr;
struct jpeg_compress_struct {
    struct jpeg_error_mgr *err;
    struct jpeg_memory_mgr *mem;
    struct jpeg_progress_mgr *progress;
    void *client_data;
    boolean is_decompressor;
    int global_state;
    struct jpeg_destination_mgr *dest;
    JDIMENSION image_width;
    JDIMENSION image_height;
    int input_components;
    J_COLOR_SPACE in_color_space;
    double input_gamma;
    int data_precision;
    int num_components;
    J_COLOR_SPACE jpeg_color_space;
    jpeg_component_info *comp_info;
    JQUANT_TBL *quant_tbl_ptrs[4];
    JHUFF_TBL *dc_huff_tbl_ptrs[4];
    JHUFF_TBL *ac_huff_tbl_ptrs[4];
    UINT8 arith_dc_L[16];
    UINT8 arith_dc_U[16];
    UINT8 arith_ac_K[16];
    int num_scans;
    const jpeg_scan_info *scan_info;
    boolean raw_data_in;
    boolean arith_code;
    boolean optimize_coding;
    boolean CCIR601_sampling;
    int smoothing_factor;
    J_DCT_METHOD dct_method;
    unsigned int restart_interval;
    int restart_in_rows;
    boolean write_JFIF_header;
    UINT8 JFIF_major_version;
    UINT8 JFIF_minor_version;
    UINT8 density_unit;
    UINT16 X_density;
    UINT16 Y_density;
    boolean write_Adobe_marker;
    JDIMENSION next_scanline;
    boolean progressive_mode;
    int max_h_samp_factor;
    int max_v_samp_factor;
    JDIMENSION total_iMCU_rows;
    int comps_in_scan;
    jpeg_component_info *cur_comp_info[4];
    JDIMENSION MCUs_per_row;
    JDIMENSION MCU_rows_in_scan;
    int blocks_in_MCU;
    int MCU_membership[10];
    int Ss;
    int Se;
    int Ah;
    int Al;
    struct jpeg_comp_master *master;
    struct jpeg_c_main_controller *main;
    struct jpeg_c_prep_controller *prep;
    struct jpeg_c_coef_controller *coef;
    struct jpeg_marker_writer *marker;
    struct jpeg_color_converter *cconvert;
    struct jpeg_downsampler *downsample;
```

```
    struct jpeg_forward_dct *fdct;
    struct jpeg_entropy_encoder *entropy;
    jpeg_scan_info *script_space;
    int script_space_size;
};
struct jpeg_destination_mgr {
    JOCTET *next_output_byte;
    size_t free_in_buffer;
    void (*init_destination) (j_compress_ptr);
     boolean(*empty_output_buffer) (j_compress_ptr);
    void (*term_destination) (j_compress_ptr);
};
typedef struct jpeg_compress_struct *j_compress_ptr;
typedef struct {
    int comps_in_scan;
    int component_index[4];
    int Ss;
    int Se;
    int Ah;
    int Al;
} jpeg_scan_info;
typedef JSAMPARRAY *JSAMPIMAGE;
typedef boolean(*jpeg_marker_parser_method) (j_decompress_ptr);
extern void jpeg_CreateCompress(j_compress_ptr, int, size_t);
extern void jpeg_CreateDecompress(j_decompress_ptr, int, size_t);
extern void jpeg_abort(j_common_ptr);
extern void jpeg_abort_compress(j_compress_ptr);
extern void jpeg_abort_decompress(j_decompress_ptr);
extern   void   jpeg_add_quant_table(j_compress_ptr,   int,   const
unsigned int *,
                                     int, boolean);
extern JHUFF_TBL *jpeg_alloc_huff_table(j_common_ptr);
extern JQUANT_TBL *jpeg_alloc_quant_table(j_common_ptr);
extern void jpeg_calc_output_dimensions(j_decompress_ptr);
extern int jpeg_consume_input(j_decompress_ptr);
extern void jpeg_copy_critical_parameters(j_decompress_ptr,
                                          j_compress_ptr);
extern void jpeg_default_colorspace(j_compress_ptr);
extern void jpeg_destroy(j_common_ptr);
extern void jpeg_destroy_compress(j_compress_ptr);
extern void jpeg_destroy_decompress(j_decompress_ptr);
extern void jpeg_finish_compress(j_compress_ptr);
extern boolean jpeg_finish_decompress(j_decompress_ptr);
extern boolean jpeg_finish_output(j_decompress_ptr);
extern boolean jpeg_has_multiple_scans(j_decompress_ptr);
extern boolean jpeg_input_complete(j_decompress_ptr);
extern void jpeg_new_colormap(j_decompress_ptr);
extern int jpeg_quality_scaling(int);
extern                                          jvirt_barray_ptr
*jpeg_read_coefficients(j_decompress_ptr);
extern int jpeg_read_header(j_decompress_ptr, boolean);
extern       JDIMENSION       jpeg_read_raw_data(j_decompress_ptr,
JSAMPIMAGE,
                                       JDIMENSION);
extern      JDIMENSION      jpeg_read_scanlines(j_decompress_ptr,
JSAMPARRAY,
                                        JDIMENSION);
extern boolean jpeg_resync_to_restart(j_decompress_ptr, int);
extern  void  jpeg_save_markers(j_decompress_ptr,  int,  unsigned
int);
extern void jpeg_set_colorspace(j_compress_ptr, J_COLOR_SPACE);
extern void jpeg_set_defaults(j_compress_ptr);
extern    void    jpeg_set_linear_quality(j_compress_ptr,    int,
boolean);
extern void jpeg_set_marker_processor(j_decompress_ptr, int,
                                      jpeg_marker_parser_method);
```

```
extern void jpeg_set_quality(j_compress_ptr, int, boolean);
extern void jpeg_simple_progression(j_compress_ptr);
extern void jpeg_start_compress(j_compress_ptr, boolean);
extern boolean jpeg_start_decompress(j_decompress_ptr);
extern boolean jpeg_start_output(j_decompress_ptr, int);
extern      struct      jpeg_error_mgr      *jpeg_std_error(struct
jpeg_error_mgr *);
extern void jpeg_stdio_dest(j_compress_ptr, FILE *);
extern void jpeg_stdio_src(j_decompress_ptr, FILE *);
extern void jpeg_suppress_tables(j_compress_ptr, boolean);
extern        void        jpeg_write_coefficients(j_compress_ptr,
jvirt_barray_ptr *);
extern void jpeg_write_m_byte(j_compress_ptr, int);
extern  void  jpeg_write_m_header(j_compress_ptr,  int,  unsigned
int);
extern  void  jpeg_write_marker(j_compress_ptr,  int,  const  JOCTET
*,
                                unsigned int);
extern JDIMENSION jpeg_write_raw_data(j_compress_ptr, JSAMPIMAGE,
                                      JDIMENSION);
extern       JDIMENSION       jpeg_write_scanlines(j_compress_ptr,
JSAMPARRAY,
                                       JDIMENSION);
extern void jpeg_write_tables(j_compress_ptr);
```

9.3 Interface Definitions for libjpeg

The interfaces defined on the following pages are included in libjpeg and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 9.1 shall behave as described in the referenced base document.

jpeg_CreateCompress

Name

`jpeg_CreateCompress` — allocate and initialize a JPEG compression object

Synopsis

```
#include <jpeglib.h>
void jpeg_CreateCompress(j_compress_ptr cinfo, int version, size_t
size);
```

Description

The function `jpeg_CreateCompress()` shall allocate and initialize a JPEG compression object of type struct jpeg_compress_struct. The error handler structure of type struct jpeg_error_mgr must be initialized before making a call to `jpeg_CreateCompress()`. JPEG_LIB_VERSION and size of the structure used to hold the JPEG compression object struct jpeg_compress_struct must be passed in arguments version and size respectively.

Errors

`jpeg_CreateCompress()` shall exit via the error handler if it fails to allocate memory.

jpeg_CreateDecompress

Name

`jpeg_CreateDecompress` — allocate and initialize a JPEG decompression object

Synopsis

```
#include <jpeglib.h>
void jpeg_CreateDecompress(j_decompress_ptr cinfo, int version,
size_t size);
```

Description

The function `jpeg_CreateDecompress()` shall allocate and initialize a JPEG decompression object of type struct jpeg_decompress_struct. The error handler structure of type struct jpeg_error_mgr must be initialized before making a call to `jpeg_CreateDecompress()`. JPEG_LIB_VERSION and size of the structure used to hold the JPEG compression object struct jpeg_decompress_struct must be passed in arguments version and size respectively.

Errors

`jpeg_CreateDecompress()` shall exit via the error handler if it fails to allocate memory.

jpeg_abort

Name

`jpeg_abort` — aborts the compression or decompression cycle

Synopsis

```
#include <jpeglib.h>
void jpeg_abort(j_common_ptr cinfo);
```

Description

The function jpeg_abort() shall abort the processing of a compression or decompression operation. The function shall return the given object to an idle state releasing any working memory. The object may be reused after a call to jpeg_abort().

© 2008 Linux Foundation

jpeg_abort_compress

Name

`jpeg_abort_compress` — abort processing of JPEG compression operation

Synopsis

```
#include <jpeglib.h>
void jpeg_abort_compress(j_compress_ptr cinfo);
```

Description

The function jpeg_abort_compress() shall abort the processing of a JPEG compression operation. The function shall return the given compression object to an idle state releasing any working memory. The compression object may be reused after a call to jpeg_abort_compress().

jpeg_abort_decompress

Name

`jpeg_abort_decompress` — abort processing of JPEG decompression operation

Synopsis

```
#include <jpeglib.h>
void jpeg_abort_decompress(j_decompress_ptr cinfo);
```

Description

The function jpeg_abort_decompress() shall abort the processing of a JPEG decompression operation. The function shall return the given decompression object to an idle state releasing any working memory. The decompression object may be reused after a call to jpeg_abort_decompress().

jpeg_add_quant_table

Name

`jpeg_add_quant_table` — add a quantization table

Synopsis

```
#include <jpeglib.h>
void jpeg_add_quant_table(j_compress_ptr cinfo, int table_slot, const
unsigned int * basic_table, int scale_factor, boolean
force_baseline);
```

Description

The function jpeg_add_quant_table() shall add a quantization table parameter at the "table_slot" index of the quantization table array. "basic_table" points to an array of 64 unsigned ints given in normal array order. These values are multiplied by "scale_factor"/100. The values are limited to the range 1..65535. If "force_baseline" is TRUE, the computed quantization table entries are limited to 1..255 for JPEG baseline compatibility.

Errors

jpeg_add_quant_table() shall return error and exit if "table_slot" is >= NUM_QUANT_TBLS. jpeg_add_quant_table() shall return error and exit if the state of the compression object indicates that the compression cycle has started.

jpeg_alloc_huff_table

Name

`jpeg_alloc_huff_table` — allocate Huffman table

Synopsis

```
#include <jpeglib.h>
JHUFF_TBL * jpeg_alloc_huff_table(j_common_ptr cinfo);
```

Description

jpeg_alloc_huff_table() shall allocate memory for a structure holding Huffman coding table.

Return Value

jpeg_alloc_huff_table() shall return a pointer to allocated data structure for the Huffman coding table.

© 2008 Linux Foundation

jpeg_alloc_quant_table

Name

`jpeg_alloc_quant_table` — allocate quantization table

Synopsis

```
#include <jpeglib.h>
JQUANT_TBL * jpeg_alloc_quant_table(j_common_ptr cinfo);
```

Description

jpeg_alloc_quant_table() shall allocate memory for a structure holding quantization table.

Return Value

jpeg_alloc_quant_table() shall return a pointer to allocated data structure for the quantization table.

jpeg_calc_output_dimensions

Name

`jpeg_calc_output_dimensions` — compute output image dimensions

Synopsis

```
#include <jpeglib.h>
void jpeg_calc_output_dimensions(j_decompress_ptr cinfo);
```

Description

jpeg_calc_output_dimensions() computes the output image dimensions based on the current compression parameter settings in the compression object. The following dimensions shall be computed:

output_width

actual width of output image

output_height

actual height of output image

out_color_components

number of color components in out_color_space

output_components

number of color components returned

rec_outbuf_height

recommended height of scanline buffer

jpeg_consume_input

Name

`jpeg_consume_input` — decode input data

Synopsis

```
#include <jpeglib.h>
int jpeg_consume_input(j_decompress_ptr cinfo);
```

Description

jpeg_consume_input() shall decode the input data as it arrives, even if it is not to be displayed.

Return Value

jpeg_consume_input() shall return with one of the following return codes:

JPEG_REACHED_SOS

reached SOS marker

JPEG_REACHED_EOI

reached EOI marker

JPEG_ROW_COMPLETED

completed reading one MCU row of compressed data

JPEG_SCAN_COMPLETED

completed reading last MCU row of compressed scan

JPEG_SUSPENDED

if data source module requests suspension of the decompressor.

jpeg_copy_critical_parameters

Name

`jpeg_copy_critical_parameters` — copy critical compression parameters from source decompression object

Synopsis

```
#include <jpeglib.h>
void      jpeg_copy_critical_parameters(j_decompress_ptr      srcinfo,
j_compress_ptr dstinfo);
```

Description

jpeg_copy_critical_parameters() shall initialize the compression object with default parameters, then copy the parameters needed for lossless transcoding from the source decompression object.

jpeg_default_colorspace

Name

`jpeg_default_colorspace` — set default colorspace based on input image's color space

Synopsis

```
#include <jpeglib.h>
void jpeg_default_colorspace(j_compress_ptr cinfo);
```

Description

jpeg_default_colorspace() shall set the JPEG color space to a default value based on the color space of the input image.

jpeg_destroy

Name

`jpeg_destroy` — deallocation of a JPEG object

Synopsis

```
#include <jpeglib.h>
void jpeg_destroy(j_common_ptr cinfo);
```

Description

The function jpeg_destroy() shall deallocate and release all memory associated with the JPEG object. The object itself and the error manager struct allocated by the application should not be freed by this function.

jpeg_destroy_compress

Name

`jpeg_destroy_compress` — deallocate a JPEG compression object

Synopsis

```
#include <jpeglib.h>
void jpeg_destroy_compress(j_compress_ptr cinfo);
```

Description

The function jpeg_destroy_compress() shall deallocate and release all memory associated with the compression object. The jpeg_compress_struct itself and the error manager struct allocated by the application should not be freed by this function.

jpeg_destroy_decompress

Name

`jpeg_destroy_decompress` — deallocate a JPEG decompression object

Synopsis

```
#include <jpeglib.h>
void jpeg_destroy_decompress(j_decompress_ptr cinfo);
```

Description

The function jpeg_destroy_decompress() shall deallocate and release all memory associated with the decompression object. The jpeg_decompress_struct itself and the error manager struct allocated by the application should not be freed by this function.

jpeg_finish_compress

Name

`jpeg_finish_compress` — complete the compression cycle

Synopsis

```
#include <jpeglib.h>
void jpeg_finish_compress(j_compress_ptr cinfo);
```

Description

The function jpeg_finish_compress() shall set the compression state to completion. Any remaining bufferload of data shall be written to the data destination. jpeg_finish_compress() shall also release working memory associated with the JPEG object.

Errors

jpeg_finish_compress() shall return error if the function is invoked before writing the specified number of scanlines.

© 2008 Linux Foundation

jpeg_finish_decompress

Name

`jpeg_finish_decompress` — complete decompression cycle

Synopsis

```
#include <jpeglib.h>
boolean jpeg_finish_decompress(j_decompress_ptr cinfo);
```

Description

The function jpeg_finish_decompress() shall set the decompression state to completion. Any remaining input data shall be decoded and consumed. jpeg_finish_decompress() shall also release working memory associated with the JPEG object.

Return Value

jpeg_finish_decompress() shall return FALSE if data source requests suspension of the decompressor. Otherwise, jpeg_finish_decompress() shall return TRUE.

Errors

jpeg_finish_decompress() shall return error if the function is invoked before reading the specified number of scanlines.

jpeg_finish_output

Name

`jpeg_finish_output` — complete pass in buffered-image mode

Synopsis

```
#include <jpeglib.h>
boolean jpeg_finish_output(j_decompress_ptr cinfo);
```

Description

jpeg_start_output() shall change state for completion of an output pass in buffered-image mode. The scan number shall be incremented if the end-of-image marker is not reached.

Return Value

jpeg_finish_output() shall return FALSE if decompression is suspended. Otherwise, jpeg_finish_output() shall return TRUE.

jpeg_has_multiple_scans

Name

`jpeg_has_multiple_scans` — test if input image has multiple scans

Synopsis

```
#include <jpeglib.h>
boolean jpeg_has_multiple_scans(j_decompress_ptr cinfo);
```

Description

jpeg_has_multiple_scans() shall return TRUE if the incoming image file has more than one scan.

Return Value

TRUE for multiple scans, FALSE otherwise.

jpeg_input_complete

Name

`jpeg_input_complete` — test for end-of-image

Synopsis

```
#include <jpeglib.h>
boolean jpeg_input_complete(j_decompress_ptr cinfo);
```

Description

jpeg_input_complete() shall return TRUE if the end-of-image marker has not been read for the input image file.

Return Value

TRUE if reached EOI, FALSE otherwise.

© 2008 Linux Foundation

jpeg_new_colormap

Name

`jpeg_new_colormap` — switch to a new external colormap between output passes

Synopsis

```
#include <jpeglib.h>
void jpeg_new_colormap(j_decompress_ptr cinfo);
```

Description

jpeg_new_colormap() shall select 2-pass quantizer for using an external colormap and notify the quantizer of the switch to a colormap that is different from the one used in the previous pass. The new colormap must be set using cinfo.colormap before a call to jpeg_new_colormap().

jpeg_quality_scaling

Name

`jpeg_quality_scaling` — convert quality scaling to percentage scaling factor

Synopsis

```
#include <jpeglib.h>
int jpeg_quality_scaling(int quality);
```

Description

The function jpeg_quality_scaling() shall convert a user-specified quality rating to a percentage scaling factor for an underlying quantization table, using IJG-recommended scaling curve. The input "quality" factor ranges from 0 to 100.

Return Value

jpeg_quality_scaling() shall return the integer value of quality as a percentage.

jpeg_read_coefficients

Name

`jpeg_read_coefficients` — read the contents of JPEG file as DCT coefficients

Synopsis

```
#include <jpeglib.h>
jvirt_barray_ptr * jpeg_read_coefficients(j_decompress_ptr cinfo);
```

Description

jpeg_read_coefficients() shall return the contents of the JPEG image file as DCT coefficients. The entire image shall be read as a set of virtual coefficient-block arrays, one array per component. The return value is a pointer to an array of virtual-array descriptors.

Each block in the block arrays shall contain quantized coefficient values in normal array order and not JPEG zigzag order. The block arrays shall contain only DCT blocks containing real data; any entirely-dummy blocks added to fill out interleaved MCUs at the right or bottom edges of the image shall be discarded during reading and shall not be stored in the block arrays. The size of each block array can be determined from the width_in_blocks and height_in_blocks fields of the component's comp_info entry.

Return Value

jpeg_read_coefficients() shall return a pointer to an array of virtual-array descriptors containing DCT coefficients.

© 2008 Linux Foundation

jpeg_read_header

Name

jpeg_read_header — read start of JPEG datastream

Synopsis

```
#include <jpeglib.h>
int jpeg_read_header(j_decompress_ptr cinfo, boolean require_image);
```

Description

The function jpeg_read_header() shall read the JPEG datastream until the first SOS marker is encountered. The function shall initialize all decompression parameters to default values and save all tables and parameters in the decompression object structure.

Return Value

jpeg_read_header() shall return with one of the following return codes:

JPEG_HEADER_OK

if SOS marker is reached

JPEG_HEADER_TABLES_ONLY

for an abbreviated input image, if EOI is reached

JPEG_SUSPENDED

if data source module requests suspension of the decompressor.

Errors

jpeg_read_header() returns error if it encounters end-of-image and require_image is TRUE.

jpeg_read_raw_data

Name

`jpeg_read_raw_data` — read raw downsampled image data

Synopsis

```
#include <jpeglib.h>
JDIMENSION jpeg_read_raw_data(j_decompress_ptr cinfo, JSAMPIMAGE
data, JDIMENSION max_lines);
```

Description

jpeg_read_raw_data() shall return upto max_lines number of scanlines of raw downsampled data into the JSAMPIMAGE array argument. The data buffer must be of atleast max_v_samp_factor*DCTSIZE scanlines as jpeg_read_raw_data() shall return one MCU row per call.

The passed max_lines value must be atleast (cinfo->max_v_samp_factor * DCTSIZE). Before starting the decompression sequence, cinfo->raw_data_out must be set to TRUE.

Return Value

jpeg_read_raw_data() shall return the number of scanlines processed. jpeg_read_raw_data() shall return 0 if the data source is suspended.

Errors

jpeg_read_raw_data() shall report error and exit if max_lines is less than (cinfo->max_v_samp_factor*DCTSIZE).

© 2008 Linux Foundation

jpeg_read_scanlines

Name

`jpeg_read_scanlines` — read scanlines of data from JPEG decompressor

Synopsis

```
#include <jpeglib.h>
JDIMENSION jpeg_read_scanlines(j_decompress_ptr cinfo, JSAMPARRAY
scanlines, JDIMENSION max_lines);
```

Description

jpeg_read_scanlines() shall return upto the maximum number of scanlines of decompressed image data. This may be less than the number requested in cases such as bottom of image, data source suspension, and operating modes that emit multiple scanlines at a time. Image data shall be returned in top-to-bottom scanline order.

Return Value

On success, jpeg_read_scanlines() shall return the number of lines actually read.

Errors

jpeg_read_scanlines() shall report a non-fatal error if the requested number of scanlines is greater than the height of the original unscaled image.

jpeg_resync_to_restart

Name

`jpeg_resync_to_restart` — resync if marker other than expected restart marker found

Synopsis

```
#include <jpeglib.h>
boolean jpeg_resync_to_restart(j_decompress_ptr cinfo, int desired);
```

Description

jpeg_resync_to_restart() is the default resync procedure that a data source manager can invoke when the decompressor fails to find a restart (RSTn) marker where one is expected. The function shall find a suitable point for resuming decompression and position the input stream to the next data segment. The desired restart marker number (0..7) is passed as argument "desired".

Return Value

jpeg_resync_to_restart() shall return FALSE if decompression is suspended. Otherwise, jpeg_start_output() shall return TRUE.

jpeg_save_markers

Name

jpeg_save_markers — save the contents of special markers

Synopsis

```
#include <jpeglib.h>
void jpeg_save_markers(j_decompress_ptr cinfo, int marker_code,
unsigned int length_limit);
```

Description

jpeg_save_markers() shall obtain length_limit bytes of special markers of type specified by marker_code. The marker_code shall take one of the following values: JPEG_COM, JPEG_APP0 - JPEG_APP15. The marker contents shall be stored in the marker field of cinfo. If length_limit is 0xFFFF, all marker bytes are saved.

jpeg_set_colorspace

Name

jpeg_set_colorspace — set JPEG file's colorspace

Synopsis

```
#include <jpeglib.h>
void jpeg_set_colorspace(j_compress_ptr cinfo, J_COLOR_SPACE
colorspace);
```

Description

jpeg_set_colorspace() shall set the JPEG file's colorspace to the given color space. The function may change the value of other compression parameters that are dependent on color space.

Errors

jpeg_set_colorspace() shall return error and exit if the state of the compression object indicates that the compression cycle has started.

© 2008 Linux Foundation

jpeg_set_defaults

Name

`jpeg_set_defaults` — set compression parameters to default values

Synopsis

```
#include <jpeglib.h>
void jpeg_set_defaults(j_compress_ptr cinfo);
```

Description

The function jpeg_set_defaults() shall set all JPEG compression parameters to default values using the input image's color space.

Errors

jpeg_set_defaults() shall return error and exit if the state of the compression object indicates that the compression cycle has started.

jpeg_set_linear_quality

Name

`jpeg_set_linear_quality` — construct JPEG quantization tables for indicated scale factor

Synopsis

```
#include <jpeglib.h>
void jpeg_set_linear_quality(j_compress_ptr cinfo, int scale_factor,
boolean force_baseline);
```

Description

The function jpeg_set_linear_quality() shall construct JPEG quantization tables from the sample table values in JPEG specification Section K.1, multiplied by the given percentage scale factor. If "force_baseline" is TRUE, the computed quantization table entries are limited to 1..255 for JPEG baseline compatibility.

jpeg_set_marker_processor

Name

jpeg_set_marker_processor — set processor method for COM or APPn markers

Synopsis

```
#include <jpeglib.h>
void     jpeg_set_marker_processor(j_decompress_ptr     cinfo,     int
marker_code, jpeg_marker_parser_method routine);
```

Description

jpeg_set_marker_processor() shall set a marker processor routine having signature boolean jpeg_marker_parser_method() j_decompress_ptr *cinfo* The marker processor routine must return TRUE if the marker and its parameters are processed completely. The routine must return FALSE if it is forced to suspend before reaching the end of marker parameters.

jpeg_set_quality

Name

jpeg_set_quality — construct JPEG quantization tables for indicated quality

Synopsis

```
#include <jpeglib.h>
void  jpeg_set_quality(j_compress_ptr  cinfo,  int  quality,  boolean
force_baseline);
```

Description

The function jpeg_set_quality() shall construct JPEG quantization tables for the given quality setting. The quality value ranges from 0..100. If "force_baseline" is TRUE, the computed quantization table entries are limited to 1..255 for JPEG baseline compatibility.

© 2008 Linux Foundation

jpeg_simple_progression

Name

`jpeg_simple_progression` — generate scan script for writing progressive JPEG file

Synopsis

```
#include <jpeglib.h>
void jpeg_simple_progression(j_compress_ptr cinfo);
```

Description

The function jpeg_simple_progression() shall generate a default scan script for writing a progressive JPEG file.

jpeg_start_compress

Name

`jpeg_start_compress` — initialize a compression cycle

Synopsis

```
#include <jpeglib.h>
void jpeg_start_compress(j_compress_ptr cinfo, boolean
write_all_tables);
```

Description

The function jpeg_start_compress() shall initialize state for a JPEG compression cycle. The compression parameters, data destination and source image information must be set prior to the invocation of jpeg_start_compress(). Setting write_all_tables to TRUE shall indicate that a complete JPEG interchange datastream will be written and all Huffman tables shall be emited. If write_all_tables is set to FALSE, the default behavior shall be to emit a pure abbreviated image with no tables.

jpeg_start_decompress

Name

`jpeg_start_decompress` — initialize a decompression cycle

Synopsis

```
#include <jpeglib.h>
boolean jpeg_start_decompress(j_decompress_ptr cinfo);
```

Description

The function jpeg_start_decompress() shall initialize state for a JPEG decompression cycle and allocate working memory. The JPEG datastream header must be read prior to the invokation of jpeg_start_decompress() to obtain the parameters for decompression.

jpeg_start_output

Name

jpeg_start_output — initialize for a pass in buffered-image mode

Synopsis

```
#include <jpeglib.h>
boolean jpeg_start_output(j_decompress_ptr cinfo, int scan_number);
```

Description

jpeg_start_output() shall initialize state for an output pass in buffered-image mode. The scan_number indicates the scan of the image to be displayed. Scan numbers start from 1. The buffered-image mode must be selected before starting an output pass by setting cinfo.buffered_image = TRUE.

Return Value

jpeg_start_output() shall return FALSE if decompression is suspended. Otherwise, jpeg_start_output() shall return TRUE.

jpeg_std_error

Name

jpeg_std_error — update error manager with error handling routines

Synopsis

```
#include <jpeglib.h>
struct jpeg_error_mgr * jpeg_std_error(struct jpeg_error_mgr *
error_mgr);
```

Description

jpeg_std_error() shall update the given jpeg_error_mgr object with standard error handling methods.

Return Value

jpeg_std_error() shall return the updated jpeg_error_mgr object.

© 2008 Linux Foundation

jpeg_stdio_dest

Name

`jpeg_stdio_dest` — Initialize state for output to stdio stream

Synopsis

```
#include <jpeglib.h>
void jpeg_stdio_dest(j_compress_ptr cinfo, FILE * outfile);
```

Description

jpeg_stdio_dest() shall initialize state for output to the given stdio stream outfile. The stream outfile must be in open state.

jpeg_stdio_src

Name

`jpeg_stdio_src` — Initialize state for input from stdio stream

Synopsis

```
#include <jpeglib.h>
void jpeg_stdio_src(j_decompress_ptr cinfo, FILE * infile);
```

Description

jpeg_stdio_src() shall initialize state for input from the given stdio stream infile. The stream infile must be in open state.

jpeg_suppress_tables

Name

`jpeg_suppress_tables` — control quantization and Huffman table suppression

Synopsis

```
#include <jpeglib.h>
void jpeg_suppress_tables(j_compress_ptr cinfo, boolean suppress);
```

Description

The function jpeg_suppress_tables() forcibly suppress or un-suppresses all quantization and Huffman tables. If "suppress" is TRUE, the function shall mark all currently defined tables as already written. Otherwise, the tables will be marked as not written. This controls the emission of tables on subsequent calls to jpeg_start_compress().

jpeg_write_coefficients

Name

jpeg_write_coefficients — Compression initialization for writing raw-coefficient data

Synopsis

```
#include <jpeglib.h>
void jpeg_write_coefficients(j_compress_ptr cinfo, jvirt_barray_ptr
* coeff_arrays);
```

Description

jpeg_write_coefficients() shall write the contents of the JPEG file as DCT coefficients. The DCT coefficients shall be obtained from the array of virtual block array descriptors pointed to be "coeff_arrays". The number of arrays to be written is obtained from cinfo.num_components. Note: The virtual arrays may not be realized before jpeg_write_coefficients() is called. The virtual arrays requested from the compression object's memory manager may be realized by calling jpeg_write_coefficients() as a side-effect.

jpeg_write_m_byte

Name

jpeg_write_m_byte — emit a byte of special marker data

Synopsis

```
#include <jpeglib.h>
void jpeg_write_m_byte(j_compress_ptr cinfo, int val);
```

Description

jpeg_write_m_byte() shall emit a byte of marker data equal to "val".

jpeg_write_m_header

Name

jpeg_write_m_header — emit header for special marker

Synopsis

```
#include <jpeglib.h>
void jpeg_write_m_header(j_compress_ptr cinfo, int marker, unsigned
int datalen);
```

Description

jpeg_write_marker_header() shall emit the marker header. The marker header consists of the marker code derived from "marker" followed by the length of marker data "datalen".

jpeg_write_marker

Name

jpeg_write_marker — write special marker data

Synopsis

```
#include <jpeglib.h>
void jpeg_write_marker(j_compress_ptr cinfo, int marker, const
JOCTET * dataptr, unsigned int datalen);
```

Description

jpeg_write_marker() shall emit the marker header and "datalen" number of marker bytes obtained from "*dataptr". The marker header consists of the marker code followed by the length of marker data.

jpeg_write_raw_data

Name

`jpeg_write_raw_data` — write raw downsampled image data

Synopsis

```
#include <jpeglib.h>
JDIMENSION jpeg_write_raw_data(j_compress_ptr cinfo, JSAMPIMAGE
data, JDIMENSION num_lines);
```

Description

jpeg_write_raw_data() shall write the compressed image data for raw downsampled data supplied in the JSAMPIMAGE array argument. The number of scanlines passed in num_lines to jpeg_write_raw_data() is measured in terms of the component with the largest v_samp_factor.

If the image dimensions are not a multiple of the MCU size, the data must be padded to a multiple of a DCT block in each component, such that each downsampled row must contain a multiple of 8 valid samples, and there must be a multiple of 8 sample rows for each component. Data must be padded so that the passed num_lines value is atleast (cinfo->max_v_samp_factor * DCTSIZE). jpeg_write_raw_data() shall process one MCU row per call which is (cinfo->comp_info[0].v_samp_factor*DCTSIZE) sample rows of each component.

Before starting the compression sequence, cinfo->raw_data_in must be set to TRUE. cinfo->jpeg_color_space must be set to colorspace to be used in the JPEG file. The sampling factors, cinfo->comp_info[i].h_samp_factor and cinfo->comp_info[i].v_samp_factor must be set to the dimensions of the supplied data.

Return Value

jpeg_write_raw_data() shall return the number of scanlines processed. jpeg_write_raw_data() shall return 0 if the compressor is suspended.

Errors

jpeg_write_raw_data() shall report error and exit if num_lines is less than (cinfo->max_v_samp_factor*DCTSIZE).

© 2008 Linux Foundation

jpeg_write_scanlines

Name

`jpeg_write_scanlines` — write scanlines of data to JPEG compressor

Synopsis

```
#include <jpeglib.h>
JDIMENSION jpeg_write_scanlines(j_compress_ptr cinfo, JSAMPARRAY
scanlines, JDIMENSION num_lines);
```

Description

jpeg_write_scanlines() shall write the number of scanlines of image data to be compressed from in-memory buffers. The image data shall be written in top-to-bottom scanline order.

Return Value

On success, jpeg_read_scanlines() shall return the number of lines actually written.

Errors

jpeg_write_scanlines() shall report a non-fatal error if the requested number of scanlines is greater than the height of the original unscaled image.

jpeg_write_tables

Name

`jpeg_write_tables` — create a tables-only file

Synopsis

```
#include <jpeglib.h>
void jpeg_write_tables(j_compress_ptr cinfo);
```

Description

jpeg_write_tables() shall create a tables-only file by writing an abbreviated datastream containing only SOI, DQT and/or DHT and EOI markers. All the quantization and Huffman tables currently defined in the compression object shall be emitted unless their sent_table flag is set to TRUE. Once emitted, sent_table flag shall be set for all tables written.

VI Fontconfig library

10 Libraries

10.1 Interfaces for libfontconfig

Table 10-1 defines the library name and shared object name for the libfontconfig library

Table 10-1 libfontconfig Definition

Library:	libfontconfig
SONAME:	libfontconfig.so.1

The behavior of the interfaces in this library is specified by the following specifications:

[fontconfig] Fontconfig Developers Reference

10.1.1 Font Customization and Configuration Library

10.1.1.1 Interfaces for Font Customization and Configuration Library

An LSB conforming implementation shall provide the generic functions for Font Customization and Configuration Library specified in Table 10-2, with the full mandatory functionality as described in the referenced underlying specification.

Table 10-2 libfontconfig - Font Customization and Configuration Library Function Interfaces

FcAtomicCreate [fontconfig]	FcAtomicDeleteNew [fontconfig]	FcAtomicDestroy [fontconfig]
FcAtomicLock [fontconfig]	FcAtomicNewFile [fontconfig]	FcAtomicOrigFile [fontconfig]
FcAtomicReplaceOrig [fontconfig]	FcAtomicUnlock [fontconfig]	FcBlanksAdd [fontconfig]
FcBlanksCreate [fontconfig]	FcBlanksDestroy [fontconfig]	FcBlanksIsMember [fontconfig]
FcCharSetAddChar [fontconfig]	FcCharSetCopy [fontconfig]	FcCharSetCount [fontconfig]
FcCharSetCreate [fontconfig]	FcCharSetDestroy [fontconfig]	FcCharSetEqual [fontconfig]
FcCharSetFirstPage [fontconfig]	FcCharSetHasChar [fontconfig]	FcCharSetIntersect [fontconfig]
FcCharSetIntersectCount [fontconfig]	FcCharSetIsSubset [fontconfig]	FcCharSetNextPage [fontconfig]
FcCharSetSubtract [fontconfig]	FcCharSetSubtractCount [fontconfig]	FcCharSetUnion [fontconfig]
FcConfigAppFontAddDir [fontconfig]	FcConfigAppFontAddFile [fontconfig]	FcConfigAppFontClear [fontconfig]
FcConfigBuildFonts [fontconfig]	FcConfigDestroy [fontconfig]	FcConfigEnableHome [fontconfig]

FcConfigFilename [fontconfig]	FcConfigGetBlanks [fontconfig]	FcConfigGetCache [fontconfig]
FcConfigGetConfigDirs [fontconfig]	FcConfigGetConfigFiles [fontconfig]	FcConfigGetCurrent [fontconfig]
FcConfigGetFontDirs [fontconfig]	FcConfigGetFonts [fontconfig]	FcConfigGetRescanInverval [fontconfig]
FcConfigHome [fontconfig]	FcConfigParseAndLoad [fontconfig]	FcConfigSetCurrent [fontconfig]
FcConfigSetRescanInverval [fontconfig]	FcConfigSubstitute [fontconfig]	FcConfigSubstituteWithPat [fontconfig]
FcConfigUptoDate [fontconfig]	FcDefaultSubstitute [fontconfig]	FcDirCacheValid [fontconfig]
FcDirSave [fontconfig]	FcDirScan [fontconfig]	FcFileScan [fontconfig]
FcFini [fontconfig]	FcFontList [fontconfig]	FcFontMatch [fontconfig]
FcFontRenderPrepare [fontconfig]	FcFontSetAdd [fontconfig]	FcFontSetCreate [fontconfig]
FcFontSetDestroy [fontconfig]	FcFontSetList [fontconfig]	FcFontSetMatch [fontconfig]
FcFontSetPrint [fontconfig]	FcFontSetSort [fontconfig]	FcFontSetSortDestroy [fontconfig]
FcFontSort [fontconfig]	FcFreeTypeCharIndex [fontconfig]	FcFreeTypeCharSet [fontconfig]
FcFreeTypeCharSetAndSpacing [fontconfig]	FcFreeTypeQuery [fontconfig]	FcGetVersion [fontconfig]
FcInit [fontconfig]	FcInitBringUptoDate [fontconfig]	FcInitLoadConfig [fontconfig]
FcInitLoadConfigAndFonts [fontconfig]	FcInitReinitialize [fontconfig]	FcLangSetAdd [fontconfig]
FcLangSetCompare [fontconfig]	FcLangSetContains [fontconfig]	FcLangSetCopy [fontconfig]
FcLangSetCreate [fontconfig]	FcLangSetDestroy [fontconfig]	FcLangSetEqual [fontconfig]
FcLangSetHasLang [fontconfig]	FcLangSetHash [fontconfig]	FcMatrixCopy [fontconfig]
FcMatrixEqual [fontconfig]	FcMatrixMultiply [fontconfig]	FcMatrixRotate [fontconfig]
FcMatrixScale [fontconfig]	FcMatrixShear [fontconfig]	FcNameConstant [fontconfig]
FcNameGetConstant [fontconfig]	FcNameGetObjectType [fontconfig]	FcNameParse [fontconfig]
FcNameRegisterConstants [fontconfig]	FcNameRegisterObjectTypes [fontconfig]	FcNameUnparse [fontconfig]
FcNameUnregisterConstants [fontconfig]	FcNameUnregisterObjectTypes [fontconfig]	FcObjectSetAdd [fontconfig]

© 2008 Linux Foundation

FcObjectSetBuild [fontconfig]	FcObjectSetCreate [fontconfig]	FcObjectSetDestroy [fontconfig]
FcObjectSetVaBuild [fontconfig]	FcPatternAdd [fontconfig]	FcPatternAddBool [fontconfig]
FcPatternAddCharSet [fontconfig]	FcPatternAddDouble [fontconfig]	FcPatternAddFTFace [fontconfig]
FcPatternAddInteger [fontconfig]	FcPatternAddLangSet [fontconfig]	FcPatternAddMatrix [fontconfig]
FcPatternAddString [fontconfig]	FcPatternAddWeak [fontconfig]	FcPatternBuild [fontconfig]
FcPatternCreate [fontconfig]	FcPatternDel [fontconfig]	FcPatternDestroy [fontconfig]
FcPatternDuplicate [fontconfig]	FcPatternEqual [fontconfig]	FcPatternEqualSubset [fontconfig]
FcPatternGet [fontconfig]	FcPatternGetBool [fontconfig]	FcPatternGetCharSet [fontconfig]
FcPatternGetDouble [fontconfig]	FcPatternGetFTFace [fontconfig]	FcPatternGetInteger [fontconfig]
FcPatternGetLangSet [fontconfig]	FcPatternGetMatrix [fontconfig]	FcPatternGetString [fontconfig]
FcPatternHash [fontconfig]	FcPatternPrint [fontconfig]	FcPatternReference [fontconfig]
FcPatternVaBuild [fontconfig]	FcStrBasename [fontconfig]	FcStrCmp [fontconfig]
FcStrCmpIgnoreCase [fontconfig]	FcStrCopy [fontconfig]	FcStrCopyFilename [fontconfig]
FcStrDirname [fontconfig]	FcStrListCreate [fontconfig]	FcStrListDone [fontconfig]
FcStrListNext [fontconfig]	FcStrSetAdd [fontconfig]	FcStrSetAddFilename [fontconfig]
FcStrSetCreate [fontconfig]	FcStrSetDel [fontconfig]	FcStrSetDestroy [fontconfig]
FcStrSetEqual [fontconfig]	FcStrSetMember [fontconfig]	FcUcs4ToUtf8 [fontconfig]
FcUtf16Len [fontconfig]	FcUtf16ToUcs4 [fontconfig]	FcUtf8Len [fontconfig]
FcUtf8ToUcs4 [fontconfig]	FcValueDestroy [fontconfig]	FcValueEqual [fontconfig]
FcValuePrint [fontconfig]	FcValueSave [fontconfig]	

10.2 Data Definitions for libfontconfig

This section defines global identifiers and their values that are associated with interfaces contained in libfontconfig. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their

content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

10.2.1 fontconfig/fcfreetype.h

```
extern FT_UInt FcFreeTypeCharIndex(FT_Face, FcChar32);
extern FcCharSet *FcFreeTypeCharSet(FT_Face, FcBlanks *);
extern  FcCharSet  *FcFreeTypeCharSetAndSpacing(FT_Face,  FcBlanks
*, int *);
extern FcBool FcPatternAddFTFace(FcPattern *, const char *, const
FT_Face);
extern FcResult FcPatternGetFTFace(const FcPattern *, const char
*, int,
                                   FT_Face *);
```

10.2.2 fontconfig/fcprivate.h

```
#define FcObjectSetVapBuild(__ret__,__first__,__va__)    \
         { FcObjectSet *__os__; const char *__ob__; __ret__ = 0;
__os__ = \
                     FcObjectSetCreate  ();  if  (!__os__)  goto
_FcObjectSetVapBuild_bail0; \
         __ob__ = __first__; while (__ob__) { if (!FcObjectSetAdd
(__os__, \
         __ob__)) goto _FcObjectSetVapBuild_bail1; __ob__ = va_arg
(__va__, \
                      const  char  *);  }  __ret__  =  __os__;
_FcObjectSetVapBuild_bail1: if \
        (!__ret__ && __os__) FcObjectSetDestroy (__os__); \
        _FcObjectSetVapBuild_bail0: ; }
#define FcPatternVapBuild(result,orig,va)        \
         { FcPattern *__p__ = (orig); const char *__o__; FcValue
__v__; if \
        (!__p__) { __p__ = FcPatternCreate (); if (!__p__) goto \
          _FcPatternVapBuild_bail0; } for (;;) { __o__ = va_arg
(va, const char \
         *); if (!__o__) break; __v__.type = va_arg (va, FcType);
switch \
                       (__v__.type)  {  case  FcTypeVoid:  goto
_FcPatternVapBuild_bail1; case \
         FcTypeInteger: __v__.u.i = va_arg (va, int); break; case
FcTypeDouble: \
                __v__.u.d  =  va_arg  (va,  double);  break;  case
FcTypeString: __v__.u.s = \
        va_arg (va, FcChar8 *); break; case FcTypeBool: __v__.u.b
= va_arg \
           (va,  FcBool);  break;  case  FcTypeMatrix:  __v__.u.m  =
va_arg (va, \
           FcMatrix  *);  break;  case  FcTypeCharSet:  __v__.u.c  =
va_arg (va, \
```

```
           FcCharSet *); break; case FcTypeFTFace: __v__.u.f =
va_arg (va, \
         FT_Face); break; case FcTypeLangSet: __v__.u.l = va_arg
(va, FcLangSet \
          *); break; } if (!FcPatternAdd (__p__, __o__, __v__,
FcTrue)) goto \
        _FcPatternVapBuild_bail1; } result = __p__; goto \
          _FcPatternVapBuild_return; _FcPatternVapBuild_bail1: if
(!orig) \
             FcPatternDestroy (__p__); _FcPatternVapBuild_bail0:
result = (void*)0; \
        _FcPatternVapBuild_return: ; }
```

10.2.3 fontconfig/fontconfig.h

```
#define _FCFUNCPROTOBEGIN
#define _FCFUNCPROTOEND
#define FC_USER_CACHE_FILE      ".fonts.cache-"FC_CACHE_VERSION
#define FC_DIR_CACHE_FILE       "fonts.cache-"FC_CACHE_VERSION
#define FcIsUpper(c)    ((0101 <= (c) && (c) <= 0132))
#define FcIsLower(c)    ((0141 <= (c) && (c) <= 0172))
#define FC_CHARSET_DONE ((FcChar32) -1)
#define FC_VERSION       ((FC_MAJOR * 10000) + (FC_MINOR * 100) +
(FC_REVISION))
#define FcMatrixInit(m) ((m)->xx = (m)->yy = 1, (m)->xy = (m)->yx
= 0)
#define FC_CHARSET_MAP_SIZE     (256/32)
#define FcToLower(c)    (FcIsUpper(c) ? (c) - 0101 + 0141 : (c))
#define FC_HINT_NONE    0
#define FC_PROPORTIONAL 0
#define FC_RGBA_UNKNOWN 0
#define FC_SLANT_ROMAN  0
#define FC_WEIGHT_THIN  0
#define FcFalse 0
#define FC_CACHE_VERSION        "1"
#define FC_HINT_SLIGHT  1
#define FC_RGBA_RGB     1
#define FcTrue  1
#define FC_MONO 100
#define FC_SLANT_ITALIC 100
#define FC_WEIGHT_MEDIUM        100
#define FC_WIDTH_NORMAL 100
#define FC_CHARCELL     110
#define FC_SLANT_OBLIQUE        110
#define FC_WIDTH_SEMIEXPANDED   113
#define FC_WIDTH_EXPANDED       125
#define FC_WIDTH_EXTRAEXPANDED  150
#define FC_WEIGHT_DEMIBOLD      180
#define FC_HINT_MEDIUM  2
#define FC_MAJOR        2
#define FC_REVISION     2
#define FC_RGBA_BGR     2
#define FC_WEIGHT_BOLD  200
#define FC_WIDTH_ULTRAEXPANDED  200
#define FC_WEIGHT_EXTRABOLD     205
#define FC_WEIGHT_BLACK 210
#define FC_HINT_FULL    3
#define FC_MINOR        3
#define FC_RGBA_VRGB    3
#define FC_RGBA_VBGR    4
#define FC_WEIGHT_EXTRALIGHT    40
#define FC_RGBA_NONE    5
#define FC_WEIGHT_LIGHT 50
#define FC_WIDTH_ULTRACONDENSED 50
```

```
#define FC_UTF8_MAX_LEN 6
#define FC_WIDTH_EXTRACONDENSED 63
#define FC_WEIGHT_BOOK  75
#define FC_WIDTH_CONDENSED      75
#define FC_WEIGHT_REGULAR       80
#define FC_WIDTH_SEMICONDENSED  87
#define FC_DUAL 90
#define FC_ANTIALIAS    "antialias"
#define FC_ASPECT       "aspect"
#define FC_AUTOHINT     "autohint"
#define FC_CAPABILITY   "capability"
#define FC_CHAR_HEIGHT  "charheight"
#define FC_CHARSET      "charset"
#define FC_CHAR_WIDTH   "charwidth"
#define FC_DPI  "dpi"
#define FC_EMBOLDEN     "embolden"
#define FC_FAMILY       "family"
#define FC_FAMILYLANG   "familylang"
#define FC_WEIGHT_HEAVY FC_WEIGHT_BLACK
#define FC_WEIGHT_SEMIBOLD      FC_WEIGHT_DEMIBOLD
#define FC_WEIGHT_ULTRABOLD     FC_WEIGHT_EXTRABOLD
#define FC_WEIGHT_ULTRALIGHT    FC_WEIGHT_EXTRALIGHT
#define FC_WEIGHT_NORMAL        FC_WEIGHT_REGULAR
#define FC_FILE "file"
#define FC_FONTFORMAT   "fontformat"
#define FC_FONTVERSION  "fontversion"
#define FC_FOUNDRY      "foundry"
#define FC_FT_FACE      "ftface"
#define FC_FULLNAME     "fullname"
#define FC_FULLNAMELANG "fullnamelang"
#define FC_GLOBAL_ADVANCE       "globaladvance"
#define FC_HINTING      "hinting"
#define FC_HINT_STYLE   "hintstyle"
#define FC_INDEX        "index"
#define FC_LANG "lang"
#define FC_MATRIX       "matrix"
#define FC_MINSPACE     "minspace"
#define FC_OUTLINE      "outline"
#define FC_PIXEL_SIZE   "pixelsize"
#define FC_RASTERIZER   "rasterizer"
#define FC_RGBA "rgba"
#define FC_SCALABLE     "scalable"
#define FC_SCALE        "scale"
#define FC_SIZE "size"
#define FC_SLANT        "slant"
#define FC_SOURCE       "source"
#define FC_SPACING      "spacing"
#define FC_STYLE        "style"
#define FC_STYLELANG    "stylelang"
#define FC_VERTICAL_LAYOUT      "verticallayout"
#define FC_WEIGHT       "weight"
#define FC_WIDTH        "width"

typedef int FcBool;
typedef struct _FcPattern FcPattern;
typedef enum _FcType {
    FcTypeVoid = 0,
    FcTypeInteger = 1,
    FcTypeDouble = 2,
    FcTypeString = 3,
    FcTypeBool = 4,
    FcTypeMatrix = 5,
    FcTypeCharSet = 6,
    FcTypeFTFace = 7,
    FcTypeLangSet = 8
} FcType;
```

```
typedef unsigned char FcChar8;
typedef struct _FcMatrix {
    double xx;
    double xy;
    double yx;
    double yy;
} FcMatrix;
typedef struct _FcCharSet FcCharSet;
typedef struct _FcLangSet FcLangSet;
typedef struct _FcValue {
    FcType type;
    union {
        const FcChar8 *s;
        int i;
        FcBool b;
        double d;
        const FcMatrix *m;
        const FcCharSet *c;
        void *f;
        const FcPattern *p;
        const FcLangSet *l;
    } u;
} FcValue;
typedef struct _FcStrList FcStrList;
typedef struct _FcConfig FcConfig;
typedef struct _FcStrSet FcStrSet;
typedef unsigned int FcChar32;
typedef enum _FcMatchKind {
    FcMatchPattern = 0,
    FcMatchFont = 1
} FcMatchKind;
typedef struct _FcObjectSet {
    int nobject;
    int sobject;
    const char **objects;
} FcObjectSet;
typedef enum {
    FcEndianBig = 0,
    FcEndianLittle = 1
} FcEndian;
typedef struct _FcAtomic FcAtomic;
typedef struct _FcConstant {
    const FcChar8 *name;
    const char *object;
    int value;
} FcConstant;
typedef struct _FcFontSet {
    int nfont;
    int sfont;
    FcPattern **fonts;
} FcFontSet;
typedef enum _FcSetName {
    FcSetSystem = 0,
    FcSetApplication = 1
} FcSetName;
typedef struct _FcBlanks FcBlanks;
typedef enum _FcResult {
    FcResultMatch = 0,
    FcResultNoMatch = 1,
    FcResultTypeMismatch = 2,
    FcResultNoId = 3,
    FcResultOutOfMemory = 4
} FcResult;
typedef struct _FcObjectType {
    const char *object;
    FcType type;
```

```
} FcObjectType;
typedef struct _FcGlobalCache FcGlobalCache;
typedef enum _FcLangResult {
    FcLangEqual = 0,
    FcLangDifferentCountry = 1,
    FcLangDifferentLang = 2
} FcLangResult;
typedef short unsigned int FcChar16;
extern FcAtomic *FcAtomicCreate(const FcChar8 * file);
extern void FcAtomicDeleteNew(FcAtomic * atomic);
extern void FcAtomicDestroy(FcAtomic * atomic);
extern FcBool FcAtomicLock(FcAtomic * atomic);
extern FcChar8 *FcAtomicNewFile(FcAtomic * atomic);
extern FcChar8 *FcAtomicOrigFile(FcAtomic * atomic);
extern FcBool FcAtomicReplaceOrig(FcAtomic * atomic);
extern void FcAtomicUnlock(FcAtomic * atomic);
extern FcBool FcBlanksAdd(FcBlanks * b, FcChar32 ucs4);
extern FcBlanks *FcBlanksCreate(void);
extern void FcBlanksDestroy(FcBlanks * b);
extern FcBool FcBlanksIsMember(FcBlanks * b, FcChar32 ucs4);
extern FcBool FcCharSetAddChar(FcCharSet * fcs, FcChar32 ucs4);
extern FcCharSet *FcCharSetCopy(FcCharSet * src);
extern FcChar32 FcCharSetCount(const FcCharSet * a);
extern FcCharSet *FcCharSetCreate(void);
extern void FcCharSetDestroy(FcCharSet * fcs);
extern FcBool FcCharSetEqual(const FcCharSet * a, const FcCharSet
* b);
extern FcChar32 FcCharSetFirstPage(const FcCharSet * a, FcChar32
* map,
                                   FcChar32 * next);
extern FcBool FcCharSetHasChar(const FcCharSet * fcs, FcChar32
ucs4);
extern FcCharSet *FcCharSetIntersect(const FcCharSet * a,
                                     const FcCharSet * b);
extern FcChar32 FcCharSetIntersectCount(const FcCharSet * a,
                                        const FcCharSet * b);
extern FcBool FcCharSetIsSubset(const FcCharSet * a, const
FcCharSet * b);
extern FcChar32 FcCharSetNextPage(const FcCharSet * a, FcChar32 *
map,
                                  FcChar32 * next);
extern FcCharSet *FcCharSetSubtract(const FcCharSet * a,
                                    const FcCharSet * b);
extern FcChar32 FcCharSetSubtractCount(const FcCharSet * a,
                                       const FcCharSet * b);
extern FcCharSet *FcCharSetUnion(const FcCharSet * a, const
FcCharSet * b);
extern FcBool FcConfigAppFontAddDir(FcConfig * config,
                                    const FcChar8 * dir);
extern FcBool FcConfigAppFontAddFile(FcConfig * config,
                                     const FcChar8 * file);
extern void FcConfigAppFontClear(FcConfig * config);
extern FcBool FcConfigBuildFonts(FcConfig * config);
extern void FcConfigDestroy(FcConfig * config);
extern FcBool FcConfigEnableHome(FcBool enable);
extern FcChar8 *FcConfigFilename(const FcChar8 * url);
extern FcBlanks *FcConfigGetBlanks(FcConfig * config);
extern FcChar8 *FcConfigGetCache(FcConfig * config);
extern FcStrList *FcConfigGetConfigDirs(FcConfig * config);
extern FcStrList *FcConfigGetConfigFiles(FcConfig * config);
extern FcConfig *FcConfigGetCurrent(void);
extern FcStrList *FcConfigGetFontDirs(FcConfig * config);
extern FcFontSet *FcConfigGetFonts(FcConfig * config, FcSetName
set);
extern int FcConfigGetRescanInverval(FcConfig * config);
extern FcChar8 *FcConfigHome(void);
```

© 2008 Linux Foundation

```
extern FcBool FcConfigParseAndLoad(FcConfig * config, const
FcChar8 * file,
                                   FcBool complain);
extern FcBool FcConfigSetCurrent(FcConfig * config);
extern FcBool FcConfigSetRescanInverval(FcConfig * config,
                                        int rescanInterval);
extern FcBool FcConfigSubstitute(FcConfig * config, FcPattern *
p,
                                 FcMatchKind kind);
extern FcBool FcConfigSubstituteWithPat(FcConfig * config,
FcPattern * p,
                                        FcPattern * p_pat,
                                        FcMatchKind kind);
extern FcBool FcConfigUptoDate(FcConfig * config);
extern void FcDefaultSubstitute(FcPattern * pattern);
extern FcBool FcDirCacheValid(const FcChar8 * cache_file);
extern FcBool FcDirSave(FcFontSet * set, FcStrSet * dirs,
                        const FcChar8 * dir);
extern FcBool FcDirScan(FcFontSet * set, FcStrSet * dirs,
                        FcGlobalCache * cache, FcBlanks * blanks,
                        const FcChar8 * dir, FcBool force);
extern FcBool FcFileScan(FcFontSet * set, FcStrSet * dirs,
                                FcGlobalCache * cache, FcBlanks *
blanks,
                         const FcChar8 * file, FcBool force);
extern void FcFini(void);
extern FcFontSet *FcFontList(FcConfig * config, FcPattern * p,
                             FcObjectSet * os);
extern FcPattern *FcFontMatch(FcConfig * config, FcPattern * p,
                              FcResult * result);
extern FcPattern *FcFontRenderPrepare(FcConfig * config,
FcPattern * pat,
                                      FcPattern * font);
extern FcBool FcFontSetAdd(FcFontSet * s, FcPattern * font);
extern FcFontSet *FcFontSetCreate(void);
extern void FcFontSetDestroy(FcFontSet * s);
extern FcFontSet *FcFontSetList(FcConfig * config, FcFontSet *
*sets,
                                int nsets, FcPattern * p,
                                FcObjectSet * os);
extern FcPattern *FcFontSetMatch(FcConfig * config, FcFontSet *
*sets,
                                 int nsets, FcPattern * p,
                                 FcResult * result);
extern void FcFontSetPrint(const FcFontSet * s);
extern FcFontSet *FcFontSetSort(FcConfig * config, FcFontSet *
*sets,
                                int nsets, FcPattern * p, FcBool
trim,
                                   FcCharSet * *csp, FcResult *
result);
extern void FcFontSetSortDestroy(FcFontSet * fs);
extern FcFontSet *FcFontSort(FcConfig * config, FcPattern * p,
FcBool trim,
                                  FcCharSet * *csp, FcResult *
result);
extern FcPattern *FcFreeTypeQuery(const FcChar8 * file, int id,
                                  FcBlanks * blanks, int *count);
extern int FcGetVersion(void);
extern FcBool FcInit(void);
extern FcBool FcInitBringUptoDate(void);
extern FcConfig *FcInitLoadConfig(void);
extern FcConfig *FcInitLoadConfigAndFonts(void);
extern FcBool FcInitReinitialize(void);
extern FcBool FcLangSetAdd(FcLangSet * ls, const FcChar8 * lang);
extern FcLangResult FcLangSetCompare(const FcLangSet * lsa,
```

```
                                        const FcLangSet * lsb);
extern FcBool FcLangSetContains(const FcLangSet * lsa,
                                const FcLangSet * lsb);
extern FcLangSet *FcLangSetCopy(const FcLangSet * ls);
extern FcLangSet *FcLangSetCreate(void);
extern void FcLangSetDestroy(FcLangSet * ls);
extern FcBool FcLangSetEqual(const FcLangSet * lsa, const
FcLangSet * lsb);
extern FcLangResult FcLangSetHasLang(const FcLangSet * ls,
                                     const FcChar8 * lang);
extern FcChar32 FcLangSetHash(const FcLangSet * ls);
extern FcMatrix *FcMatrixCopy(const FcMatrix * mat);
extern FcBool FcMatrixEqual(const FcMatrix * mat1, const FcMatrix
* mat2);
extern void FcMatrixMultiply(FcMatrix * result, const FcMatrix *
a,
                             const FcMatrix * b);
extern void FcMatrixRotate(FcMatrix * m, double c, double s);
extern void FcMatrixScale(FcMatrix * m, double sx, double sy);
extern void FcMatrixShear(FcMatrix * m, double sh, double sv);
extern FcBool FcNameConstant(FcChar8 * string, int *result);
extern const FcConstant *FcNameGetConstant(FcChar8 * string);
extern const FcObjectType *FcNameGetObjectType(const char
*object);
extern FcPattern *FcNameParse(const FcChar8 * name);
extern FcBool FcNameRegisterConstants(const FcConstant * consts,
                                      int nconsts);
extern FcBool FcNameRegisterObjectTypes(const FcObjectType *
types,
                                        int ntype);
extern FcChar8 *FcNameUnparse(FcPattern * pat);
extern FcBool FcNameUnregisterConstants(const FcConstant *
consts,
                                        int nconsts);
extern FcBool FcNameUnregisterObjectTypes(const FcObjectType *
types,
                                          int ntype);
extern FcBool FcObjectSetAdd(FcObjectSet * os, const char
*object);
extern FcObjectSet *FcObjectSetBuild(const char *first, ...);
extern FcObjectSet *FcObjectSetCreate(void);
extern void FcObjectSetDestroy(FcObjectSet * os);
extern FcObjectSet *FcObjectSetVaBuild(const char *first, va_list
va);
extern FcBool FcPatternAdd(FcPattern * p, const char *object,
                           FcValue value, FcBool append);
extern FcBool FcPatternAddBool(FcPattern * p, const char *object,
                               FcBool b);
extern FcBool FcPatternAddCharSet(FcPattern * p, const char
*object,
                                  const FcCharSet * c);
extern FcBool FcPatternAddDouble(FcPattern * p, const char
*object,
                                 double d);
extern FcBool FcPatternAddInteger(FcPattern * p, const char
*object,
                                  int i);
extern FcBool FcPatternAddLangSet(FcPattern * p, const char
*object,
                                  const FcLangSet * ls);
extern FcBool FcPatternAddMatrix(FcPattern * p, const char
*object,
                                 const FcMatrix * s);
extern FcBool FcPatternAddString(FcPattern * p, const char
*object,
                                 const FcChar8 * s);
```

```
extern FcBool FcPatternAddWeak(FcPattern * p, const char *object,
                               FcValue value, FcBool append);
extern FcPattern *FcPatternBuild(FcPattern * orig, ...);
extern FcPattern *FcPatternCreate(void);
extern FcBool FcPatternDel(FcPattern * p, const char *object);
extern void FcPatternDestroy(FcPattern * p);
extern FcPattern *FcPatternDuplicate(const FcPattern * p);
extern FcBool FcPatternEqual(const FcPattern * pa, const
FcPattern * pb);
extern FcBool FcPatternEqualSubset(const FcPattern * pa,
                                   const FcPattern * pb,
                                   const FcObjectSet * os);
extern FcResult FcPatternGet(const FcPattern * p, const char
*object,
                             int id, FcValue * v);
extern FcResult FcPatternGetBool(const FcPattern * p, const char
*object,
                                 int n, FcBool * b);
extern FcResult FcPatternGetCharSet(const FcPattern * p,
                                    const char *object, int n,
                                    FcCharSet * *c);
extern FcResult FcPatternGetDouble(const FcPattern * p, const
char *object,
                                   int n, double *d);
extern FcResult FcPatternGetInteger(const FcPattern * p,
                                       const char *object, int n,
int *i);
extern FcResult FcPatternGetLangSet(const FcPattern * p,
                                    const char *object, int n,
                                    FcLangSet * *ls);
extern FcResult FcPatternGetMatrix(const FcPattern * p, const
char *object,
                                   int n, FcMatrix * *s);
extern FcResult FcPatternGetString(const FcPattern * p, const
char *object,
                                   int n, FcChar8 * *s);
extern FcChar32 FcPatternHash(const FcPattern * p);
extern void FcPatternPrint(const FcPattern * p);
extern void FcPatternReference(FcPattern * p);
extern FcPattern *FcPatternVaBuild(FcPattern * orig, va_list va);
extern FcChar8 *FcStrBasename(const FcChar8 * file);
extern int FcStrCmp(const FcChar8 * s1, const FcChar8 * s2);
extern int FcStrCmpIgnoreCase(const FcChar8 * s1, const FcChar8 *
s2);
extern FcChar8 *FcStrCopy(const FcChar8 * s);
extern FcChar8 *FcStrCopyFilename(const FcChar8 * s);
extern FcChar8 *FcStrDirname(const FcChar8 * file);
extern FcStrList *FcStrListCreate(FcStrSet * set);
extern void FcStrListDone(FcStrList * list);
extern FcChar8 *FcStrListNext(FcStrList * list);
extern FcBool FcStrSetAdd(FcStrSet * set, const FcChar8 * s);
extern FcBool FcStrSetAddFilename(FcStrSet * set, const FcChar8 *
s);
extern FcStrSet *FcStrSetCreate(void);
extern FcBool FcStrSetDel(FcStrSet * set, const FcChar8 * s);
extern void FcStrSetDestroy(FcStrSet * set);
extern FcBool FcStrSetEqual(FcStrSet * sa, FcStrSet * sb);
extern FcBool FcStrSetMember(FcStrSet * set, const FcChar8 * s);
extern int FcUcs4ToUtf8(FcChar32 ucs4, FcChar8 * dest);
extern FcBool FcUtf16Len(const FcChar8 * string, FcEndian endian,
int len,
                         int *nchar, int *wchar);
extern int FcUtf16ToUcs4(const FcChar8 * src_orig, FcEndian
endian,
                         FcChar32 * dst, int len);
extern FcBool FcUtf8Len(const FcChar8 * string, int len, int
```

```
*nchar,
                          int *wchar);
extern int FcUtf8ToUcs4(const FcChar8 * src_orig, FcChar32 * dst,
int len);
extern void FcValueDestroy(FcValue v);
extern FcBool FcValueEqual(FcValue va, FcValue vb);
extern void FcValuePrint(const FcValue v);
extern FcValue FcValueSave(FcValue v);
```

11 Commands and Utilities

11.1 Commands and Utilities

An LSB conforming implementation shall provide the commands and utilities as described in Table 11-1, with at least the behavior described as mandatory in the referenced underlying specification, with the following exceptions:

1. If any operand (except one which follows `--`) starts with a hyphen, the behavior is unspecified.

Rationale (Informative): Applications should place options before operands, or use `--`, as needed. This text is needed because, by default, GNU option parsing differs from POSIX, unless the environment variable POSIXLY_CORRECT is set. For example, **ls . -a** in GNU **ls** means to list the current directory, showing all files (that is, `"."` is an operand and `-a` is an option). In POSIX, `"."` and `-a` are both operands, and the command means to list the current directory, and also the file named `-a`. Suggesting that applications rely on the setting of the POSIXLY_CORRECT environment variable, or try to set it, seems worse than just asking the applications to invoke commands in ways which work with either the POSIX or GNU behaviors.

Table 11-1 Commands And Utilities

fc-cache [1]	fc-list [1]	fc-match [1]		

Referenced Specification(s)

[1]. This Specification

11.2 Command Behavior

This section contains descriptions for commands and utilities whose specified behavior in the LSB contradicts or extends the standards referenced. It also contains commands and utilities only required by the LSB and not specified by other standards.

fc-cache

Name

`fc-cache` — build font information cache files

Description

fc-cache scans the font directories on the system and builds font information cache files for applications using fontconfig for their font handling. If directory arguments are not given, fc-cache uses each directory in the current font configuration. Each directory is scanned for font files readable by FreeType. A cache is created which contains properties of each font and the associated filename. This cache is used to speed up application startup when using the fontconfig library.

Synopsis

fc-cache [-fsvV?] [--force] [--system-only] [--verbose] [--version] [--help] [dirs]

Option and Operand Handling

This program follows the usual GNU command line syntax, with long options starting with two dashes ('-'). A summary of options is included below.

`-f --force`

Force re-generation of apparently up-to-date cache files, overriding the timestamp checking.

`-s --system-only`

Only scan system-wide directories, omitting the places located in the user's home directory.

`-v --verbose`

Display status information while busy.

`-? --help`

Show summary of options.

`-V --version`

Show version of the program and exit.

`dirs`

A list of directories to scan for fonts.

© 2008 Linux Foundation

fc-list

Name

`fc-list` — list available fonts.

Description

fc-list lists fonts and styles available on the system for applications using fontconfig.

Synopsis

fc-list [-vV?] [--verbose] [--version] [--help] [pattern] [element]

Option and Operand Handling

This program follows the usual GNU command line syntax, with long options starting with two dashes ('-'). A summary of options is included below.

`-v --verbose`

Display status information while busy.

`-? --help`

Show summary of options.

`-V --version`

Show version of the program and exit.

`pattern`

If this argument is set, only fonts matching pattern are displayed.

`element`

If set, the element property is displayed for matching fonts.

fc-match

Name

`fc-match` — match available fonts

Description

fc-match matches font-pattern (empty pattern by default) using the normal fontconfig matching rules to find the best font available. If --sort is given, the sorted list of best matching fonts is displayed. With --verbose, the whole font pattern for each match is printed, otherwise only the file, family and style are printed.

VII Freetype library

12 Libraries

12.1 Interfaces for libfreetype

Table 12-1 defines the library name and shared object name for the libfreetype library

Table 12-1 libfreetype Definition

Library:	libfreetype
SONAME:	libfreetype.so.6

The behavior of the interfaces in this library is specified by the following specifications:

[freetype] FreeType Reference
[LSB] This Specification

12.1.1 FreeType Library

12.1.1.1 Interfaces for FreeType Library

An LSB conforming implementation shall provide the generic functions for FreeType Library specified in Table 12-2, with the full mandatory functionality as described in the referenced underlying specification.

Table 12-2 libfreetype - FreeType Library Function Interfaces

FT_Activate_Size [freetype]	FT_Add_Default_Modules [freetype]	FT_Add_Module [freetype]
FT_Angle_Diff [freetype]	FT_Atan2 [freetype]	FT_Attach_File [freetype]
FT_Attach_Stream [freetype]	FT_Bitmap_Convert [freetype]	FT_Bitmap_Copy [freetype]
FT_Bitmap_Done [freetype]	FT_Bitmap_Embolden [freetype]	FT_Bitmap_New [freetype]
FT_CeilFix [freetype]	FT_Cos [freetype]	FT_DivFix [freetype]
FT_Done_Face [freetype]	FT_Done_FreeType [freetype]	FT_Done_Glyph [freetype]
FT_Done_Library [freetype]	FT_Done_Size [freetype]	FT_FloorFix [freetype]
FT_Get_BDF_Charset_ID [freetype]	FT_Get_BDF_Property [freetype]	FT_Get_CMap_Language_ID [freetype]
FT_Get_Char_Index [freetype]	FT_Get_Charmap_Index [freetype]	FT_Get_First_Char [freetype]
FT_Get_Glyph [freetype]	FT_Get_Glyph_Name [freetype]	FT_Get_Kerning [freetype]
FT_Get_MM_Var [freetype]	FT_Get_Module [freetype]	FT_Get_Multi_Master [freetype]
FT_Get_Name_Index [freetype]	FT_Get_Next_Char [freetype]	FT_Get_PFR_Advance [freetype]

FT_Get_PFR_Kerning [freetype]	FT_Get_PFR_Metrics [freetype]	FT_Get_PS_Font_Info [freetype]
FT_Get_PS_Font_Private [freetype]	FT_Get_Postscript_Name [freetype]	FT_Get_Renderer [freetype]
FT_Get_Sfnt_Name [freetype]	FT_Get_Sfnt_Name_Count [freetype]	FT_Get_Sfnt_Table [freetype]
FT_Get_X11_Font_Format [LSB]	FT_Glyph_Copy [freetype]	FT_Glyph_Get_CBox [freetype]
FT_Glyph_Stroke [freetype]	FT_Glyph_StrokeBorder [freetype]	FT_Glyph_To_Bitmap [freetype]
FT_Glyph_Transform [freetype]	FT_Has_PS_Glyph_Names [freetype]	FT_Init_FreeType [freetype]
FT_Library_Version [freetype]	FT_List_Add [freetype]	FT_List_Finalize [freetype]
FT_List_Find [freetype]	FT_List_Insert [freetype]	FT_List_Iterate [freetype]
FT_List_Remove [freetype]	FT_List_Up [freetype]	FT_Load_Char [freetype]
FT_Load_Glyph [freetype]	FT_Load_Sfnt_Table [freetype]	FT_Matrix_Invert [freetype]
FT_Matrix_Multiply [freetype]	FT_MulDiv [freetype]	FT_MulFix [freetype]
FT_New_Face [freetype]	FT_New_Library [freetype]	FT_New_Memory_Face [freetype]
FT_New_Size [freetype]	FT_OpenType_Validate [freetype]	FT_Open_Face [freetype]
FT_Outline_Check [freetype]	FT_Outline_Copy [freetype]	FT_Outline_Decompose [freetype]
FT_Outline_Done [freetype]	FT_Outline_GetInsideBorder [freetype]	FT_Outline_GetOutsideBorder [freetype]
FT_Outline_Get_BBox [freetype]	FT_Outline_Get_Bitmap [freetype]	FT_Outline_Get_CBox [freetype]
FT_Outline_Get_Orientation [freetype]	FT_Outline_New [freetype]	FT_Outline_Render [freetype]
FT_Outline_Reverse [freetype]	FT_Outline_Transform [freetype]	FT_Outline_Translate [freetype]
FT_Remove_Module [freetype]	FT_Render_Glyph [freetype]	FT_RoundFix [freetype]
FT_Select_Charmap [freetype]	FT_Set_Char_Size [freetype]	FT_Set_Charmap [freetype]
FT_Set_Debug_Hook [freetype]	FT_Set_MM_Blend_Coordinates [freetype]	FT_Set_MM_Design_Coordinates [freetype]
FT_Set_Pixel_Sizes [freetype]	FT_Set_Renderer [freetype]	FT_Set_Transform [freetype]
FT_Set_Var_Blend_Coordinates [freetype]	FT_Set_Var_Design_Coordinates [freetype]	FT_Sfnt_Table_Info [freetype]

© 2008 Linux Foundation

FT_Sin [freetype]	FT_Stroker_BeginSubPath [freetype]	FT_Stroker_ConicTo [freetype]
FT_Stroker_CubicTo [freetype]	FT_Stroker_Done [freetype]	FT_Stroker_EndSubPath [freetype]
FT_Stroker_Export [freetype]	FT_Stroker_ExportBorder [freetype]	FT_Stroker_GetBorderCounts [freetype]
FT_Stroker_GetCounts [freetype]	FT_Stroker_LineTo [freetype]	FT_Stroker_New [freetype]
FT_Stroker_ParseOutline [freetype]	FT_Stroker_Rewind [freetype]	FT_Stroker_Set [freetype]
FT_Tan [freetype]	FT_Vector_From_Polar [freetype]	FT_Vector_Length [freetype]
FT_Vector_Polarize [freetype]	FT_Vector_Rotate [freetype]	FT_Vector_Transform [freetype]
FT_Vector_Unit [freetype]		

12.2 Data Definitions for libfreetype

This section defines global identifiers and their values that are associated with interfaces contained in libfreetype. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

12.2.1 freetype/config/ftheader.h

```
#define FT_BEGIN_HEADER
#define FT_END_HEADER
#define FT_ERRORDEF_(e,v,s)      \
            FT_ERRORDEF(  FT_ERR_CAT(  FT_ERR_PREFIX,  e  ),  v  +
FT_ERR_BASE, s )
#define FT_NOERRORDEF_(e,v,s)    \
        FT_ERRORDEF( FT_ERR_CAT( FT_ERR_PREFIX, e ), v, s )
#define FT_ERR_BASE     0
#define FT_CONFIG_CONFIG_H      <freetype/config/ftconfig.h>
#define FT_CONFIG_MODULES_H     <freetype/config/ftmodule.h>
#define FT_CONFIG_OPTIONS_H     <freetype/config/ftoption.h>
#define                              FT_CONFIG_STANDARD_LIBRARY_H
<freetype/config/ftstdlib.h>
#define FT_FREETYPE_H   <freetype/freetype.h>
#define FT_BBOX_H       <freetype/ftbbox.h>
#define FT_BDF_H        <freetype/ftbdf.h>
```

```
#define FT_BITMAP_H     <freetype/ftbitmap.h>
#define FT_CACHE_H      <freetype/ftcache.h>
#define FT_CACHE_INTERNAL_CACHE_H       <freetype/ftcache.h>
#define FT_CACHE_INTERNAL_GLYPH_H       <freetype/ftcache.h>
#define FT_CACHE_INTERNAL_IMAGE_H       <freetype/ftcache.h>
#define FT_CACHE_INTERNAL_MANAGER_H     <freetype/ftcache.h>
#define FT_CACHE_INTERNAL_MRU_H <freetype/ftcache.h>
#define FT_CACHE_INTERNAL_SBITS_H       <freetype/ftcache.h>
#define FT_CACHE_MANAGER_H      <freetype/ftcache.h>
#define FT_ERROR_DEFINITIONS_H  <freetype/fterrdef.h>
#define FT_ERRORS_H     <freetype/fterrors.h>
#define FT_GLYPH_H      <freetype/ftglyph.h>
#define FT_GZIP_H       <freetype/ftgzip.h>
#define FT_IMAGE_H      <freetype/ftimage.h>
#define FT_INCREMENTAL_H        <freetype/ftincrem.h>
#define FT_LIST_H       <freetype/ftlist.h>
#define FT_LZW_H        <freetype/ftlzw.h>
#define FT_MAC_H        <freetype/ftmac.h>
#define FT_MULTIPLE_MASTERS_H   <freetype/ftmm.h>
#define FT_MODULE_H     <freetype/ftmodapi.h>
#define FT_MODULE_ERRORS_H      <freetype/ftmoderr.h>
#define FT_OPENTYPE_VALIDATE_H  <freetype/ftotval.h>
#define FT_OUTLINE_H    <freetype/ftoutln.h>
#define FT_RENDER_H     <freetype/ftrender.h>
#define FT_SIZES_H      <freetype/ftsizes.h>
#define FT_SFNT_NAMES_H <freetype/ftsnames.h>
#define FT_STROKER_H    <freetype/ftstroke.h>
#define FT_SYNTHESIS_H  <freetype/ftsynth.h>
#define FT_SYSTEM_H     <freetype/ftsystem.h>
#define FT_TRIGONOMETRY_H       <freetype/fttrigon.h>
#define FT_TYPES_H      <freetype/fttypes.h>
#define FT_WINFONTS_H   <freetype/ftwinfnt.h>
#define FT_XFREE86_H    <freetype/ftxf86.h>
#define FT_TYPE1_TABLES_H       <freetype/t1tables.h>
#define FT_TRUETYPE_IDS_H       <freetype/ttnameid.h>
#define FT_TRUETYPE_TABLES_H    <freetype/tttables.h>
#define FT_TRUETYPE_TAGS_H      <freetype/tttags.h>
#define FT_TRUETYPE_UNPATENTED_H        <freetype/ttunpat.h>
#define FT_ERRORDEF(e,v,s)      e = v,
#define FT_ERROR_START_LIST     enum {
#define FT_CACHE_CHARMAP_H      FT_CACHE_H
#define FT_CACHE_IMAGE_H        FT_CACHE_H
#define FT_CACHE_SMALL_BITMAPS_H        FT_CACHE_H
#define FT_ERR_PREFIX   FT_Err_
#define  FT_ERROR_END_LIST             FT_ERR_CAT(  FT_ERR_PREFIX,
Max ) };
#define FT_ERR_CAT(x,y) FT_ERR_XCAT( x, y )
#define FT_ERR_XCAT(x,y)        x ## y
```

12.2.2 freetype/config/ftoption.h

```
#define FT_CONFIG_OPTION_ADOBE_GLYPH_LIST
#define FT_CONFIG_OPTION_GUESSING_EMBEDDED_RFORK
#define FT_CONFIG_OPTION_MAC_FONTS
#define FT_CONFIG_OPTION_POSTSCRIPT_NAMES
#define FT_CONFIG_OPTION_USE_LZW
#define FT_CONFIG_OPTION_USE_ZLIB
#define TT_CONFIG_CMAP_FORMAT_0
#define TT_CONFIG_CMAP_FORMAT_10
#define TT_CONFIG_CMAP_FORMAT_12
#define TT_CONFIG_CMAP_FORMAT_2
#define TT_CONFIG_CMAP_FORMAT_4
#define TT_CONFIG_CMAP_FORMAT_6
#define TT_CONFIG_CMAP_FORMAT_8
```

© 2008 Linux Foundation

```
#define TT_CONFIG_OPTION_EMBEDDED_BITMAPS
#define TT_CONFIG_OPTION_GX_VAR_SUPPORT
#define TT_CONFIG_OPTION_INTERPRETER_SWITCH
#define TT_CONFIG_OPTION_POSTSCRIPT_NAMES
#define TT_CONFIG_OPTION_SFNT_NAMES
#define TT_CONFIG_OPTION_UNPATENTED_HINTING
#define T1_MAX_SUBRS_CALLS      16
#define FT_RENDER_POOL_SIZE     16384L
#define T1_MAX_CHARSTRINGS_OPERANDS     256
#define FT_MAX_MODULES  32
#define T1_MAX_DICT_DEPTH       5
```

12.2.3 freetype/config/ftstdlib.h

```
#define ft_atol atol
#define ft_exit exit
#define FT_INT_MAX      INT_MAX
#define ft_isalnum      isalnum
#define ft_isdigit      isdigit
#define ft_islower      islower
#define ft_isupper      isupper
#define ft_isxdigit     isxdigit
#define ft_jmp_buf      jmp_buf
#define ft_longjmp      longjmp
#define ft_memcmp       memcmp
#define ft_memcpy       memcpy
#define ft_memmove      memmove
#define ft_memset       memset
#define ft_ptrdiff_t    ptrdiff_t
#define ft_qsort        qsort
#define ft_setjmp       setjmp
#define ft_sprintf      sprintf
#define ft_strcat       strcat
#define ft_strcmp       strcmp
#define ft_strcpy       strcpy
#define ft_strlen       strlen
#define ft_strncmp      strncmp
#define ft_strncpy      strncpy
#define ft_strrchr      strrchr
#define FT_UINT_MAX     UINT_MAX
#define FT_ULONG_MAX    ULONG_MAX
```

12.2.4 freetype/freetype.h

```
#define FT_HAS_FAST_GLYPHS(face)         \
        ( face->face_flags & FT_FACE_FLAG_FAST_GLYPHS )
#define FT_HAS_FIXED_SIZES(face)         \
        ( face->face_flags & FT_FACE_FLAG_FIXED_SIZES )
#define FT_IS_FIXED_WIDTH(face)  \
        ( face->face_flags & FT_FACE_FLAG_FIXED_WIDTH )
#define FT_HAS_GLYPH_NAMES(face)         \
        ( face->face_flags & FT_FACE_FLAG_GLYPH_NAMES )
#define FT_HAS_HORIZONTAL(face)  \
        ( face->face_flags & FT_FACE_FLAG_HORIZONTAL )
#define FT_HAS_MULTIPLE_MASTERS(face)    \
        ( face->face_flags & FT_FACE_FLAG_MULTIPLE_MASTERS )
#define FT_ENC_TAG(value,a,b,c,d)        \
         value = ( ( (FT_UInt32)(a) << 24 ) | ( (FT_UInt32)(b) <<
16 ) | ( \
        (FT_UInt32)(c) << 8 ) | (FT_UInt32)(d) )
#define FT_LOAD_TARGET_(x)      ( (FT_Int32)( (x) & 15 ) << 16 )
#define FT_LOAD_TARGET_MODE(x)  ( (FT_Render_Mode)( ( (x) >16 ) &
15 ) )
```

```
#define FT_STYLE_FLAG_ITALIC    ( 1 << 0 )
#define FT_STYLE_FLAG_BOLD      ( 1 << 1 )
#define FT_FACE_FLAG_SCALABLE   ( 1L << 0 )
#define FT_FACE_FLAG_FIXED_SIZES        ( 1L << 1 )
#define FT_FACE_FLAG_EXTERNAL_STREAM    ( 1L << 10 )
#define FT_FACE_FLAG_FIXED_WIDTH        ( 1L << 2 )
#define FT_FACE_FLAG_SFNT       ( 1L << 3 )
#define FT_FACE_FLAG_HORIZONTAL ( 1L << 4 )
#define FT_FACE_FLAG_VERTICAL   ( 1L << 5 )
#define FT_FACE_FLAG_KERNING    ( 1L << 6 )
#define FT_FACE_FLAG_FAST_GLYPHS        ( 1L << 7 )
#define FT_FACE_FLAG_MULTIPLE_MASTERS   ( 1L << 8 )
#define FT_FACE_FLAG_GLYPH_NAMES        ( 1L << 9 )
#define   FT_HAS_KERNING(face)            (   face->face_flags   &
FT_FACE_FLAG_KERNING )
#define   FT_IS_SCALABLE(face)            (   face->face_flags   &
FT_FACE_FLAG_SCALABLE )
#define  FT_IS_SFNT(face)                   (  face->face_flags  &
FT_FACE_FLAG_SFNT )
#define   FT_HAS_VERTICAL(face)          (   face->face_flags   &
FT_FACE_FLAG_VERTICAL )
#define FT_LOAD_DEFAULT 0x0
#define FT_LOAD_NO_SCALE        0x1
#define FT_OPEN_MEMORY  0x1
#define FT_LOAD_VERTICAL_LAYOUT 0x10
#define FT_OPEN_PARAMS  0x10
#define FT_LOAD_MONOCHROME      0x1000
#define FT_LOAD_NO_HINTING      0x2
#define FT_OPEN_STREAM  0x2
#define FT_LOAD_FORCE_AUTOHINT  0x20
#define FT_LOAD_IGNORE_GLOBAL_ADVANCE_WIDTH     0x200
#define FT_LOAD_LINEAR_DESIGN   0x2000
#define FT_LOAD_RENDER  0x4
#define FT_OPEN_PATHNAME        0x4
#define FT_LOAD_CROP_BITMAP     0x40
#define FT_LOAD_NO_RECURSE      0x400
#define FT_LOAD_SBITS_ONLY      0x4000
#define FT_LOAD_NO_BITMAP       0x8
#define FT_OPEN_DRIVER  0x8
#define FT_LOAD_PEDANTIC        0x80
#define FT_LOAD_IGNORE_TRANSFORM        0x800
#define FT_LOAD_NO_AUTOHINT     0x8000U
#define FREETYPE_MINOR  1
#define FREETYPE_PATCH  10
#define FREETYPE_MAJOR  2
#define                                         FT_LOAD_TARGET_LCD
FT_LOAD_TARGET_( FT_RENDER_MODE_LCD )
#define                                       FT_LOAD_TARGET_LCD_V
FT_LOAD_TARGET_( FT_RENDER_MODE_LCD_V )
#define                                       FT_LOAD_TARGET_LIGHT
FT_LOAD_TARGET_( FT_RENDER_MODE_LIGHT )
#define                                        FT_LOAD_TARGET_MONO
FT_LOAD_TARGET_( FT_RENDER_MODE_MONO )
#define                                     FT_LOAD_TARGET_NORMAL
FT_LOAD_TARGET_( FT_RENDER_MODE_NORMAL )

typedef struct FT_FaceRec_ *FT_Face;
typedef struct FT_ModuleRec_ *FT_Module;
typedef struct FT_LibraryRec_ *FT_Library;
typedef struct FT_ModuleRec_ FT_ModuleRec;
typedef struct FT_RendererRec_ *FT_Renderer;
typedef struct FT_GlyphSlotRec_ *FT_GlyphSlot;
struct FT_GlyphSlotRec_ {
    FT_Library library;
    FT_Face face;
    FT_GlyphSlot next;
```

```
    FT_UInt reserved;
    FT_Generic generic;
    FT_Glyph_Metrics metrics;
    FT_Fixed linearHoriAdvance;
    FT_Fixed linearVertAdvance;
    FT_Vector advance;
    FT_Glyph_Format format;
    FT_Bitmap bitmap;
    FT_Int bitmap_left;
    FT_Int bitmap_top;
    FT_Outline outline;
    FT_UInt num_subglyphs;
    FT_SubGlyph subglyphs;
    void *control_data;
    long int control_len;
    FT_Pos lsb_delta;
    FT_Pos rsb_delta;
    void *other;
    FT_Slot_Internal internal;
};
typedef struct FT_Glyph_Metrics_ {
    FT_Pos width;
    FT_Pos height;
    FT_Pos horiBearingX;
    FT_Pos horiBearingY;
    FT_Pos horiAdvance;
    FT_Pos vertBearingX;
    FT_Pos vertBearingY;
    FT_Pos vertAdvance;
} FT_Glyph_Metrics;
typedef struct FT_SubGlyphRec_ *FT_SubGlyph;
typedef struct FT_Slot_InternalRec_ *FT_Slot_Internal;
struct FT_CharMapRec_ {
    FT_Face face;
    FT_Encoding encoding;
    FT_UShort platform_id;
    FT_UShort encoding_id;
};
typedef enum FT_Encoding_ {
    FT_ENCODING_NONE = 0,
    FT_ENCODING_MS_SYMBOL = 1937337698,
    FT_ENCODING_UNICODE = 1970170211,
    FT_ENCODING_SJIS = 1936353651,
    FT_ENCODING_GB2312 = 1734484000,
    FT_ENCODING_BIG5 = 1651074869,
    FT_ENCODING_WANSUNG = 2002873971,
    FT_ENCODING_JOHAB = 1785686113,
    FT_ENCODING_MS_SJIS = 1936353651,
    FT_ENCODING_MS_GB2312 = 1734484000,
    FT_ENCODING_MS_BIG5 = 1651074869,
    FT_ENCODING_MS_WANSUNG = 2002873971,
    FT_ENCODING_MS_JOHAB = 1785686113,
    FT_ENCODING_ADOBE_STANDARD = 1094995778,
    FT_ENCODING_ADOBE_EXPERT = 1094992453,
    FT_ENCODING_ADOBE_CUSTOM = 1094992451,
    FT_ENCODING_ADOBE_LATIN_1 = 1818326065,
    FT_ENCODING_OLD_LATIN_2 = 1818326066,
    FT_ENCODING_APPLE_ROMAN = 1634889070
} FT_Encoding;
typedef struct FT_CharMapRec_ *FT_CharMap;
typedef long int FT_F26Dot6;
typedef enum FT_Render_Mode_ {
    FT_RENDER_MODE_NORMAL = 0,
    FT_RENDER_MODE_LIGHT = 1,
    FT_RENDER_MODE_MONO = 2,
    FT_RENDER_MODE_LCD = 3,
```

```
    FT_RENDER_MODE_LCD_V = 4,
    FT_RENDER_MODE_MAX = 5
} FT_Render_Mode;
typedef struct FT_Parameter_ {
    FT_ULong tag;
    FT_Pointer data;
} FT_Parameter;
typedef struct FT_Open_Args_ {
    FT_UInt flags;
    const FT_Byte *memory_base;
    FT_Long memory_size;
    FT_String *pathname;
    FT_Stream stream;
    FT_Module driver;
    FT_Int num_params;
    FT_Parameter *params;
} FT_Open_Args;
struct FT_SizeRec_ {
    FT_Face face;
    FT_Generic generic;
    FT_Size_Metrics metrics;
    FT_Size_Internal internal;
};
typedef struct FT_Size_Metrics_ {
    FT_UShort x_ppem;
    FT_UShort y_ppem;
    FT_Fixed x_scale;
    FT_Fixed y_scale;
    FT_Pos ascender;
    FT_Pos descender;
    FT_Pos height;
    FT_Pos max_advance;
} FT_Size_Metrics;
typedef struct FT_Size_InternalRec_ *FT_Size_Internal;
typedef struct FT_SizeRec_ *FT_Size;
typedef struct FT_Bitmap_Size_ {
    FT_Short height;
    FT_Short width;
    FT_Pos size;
    FT_Pos x_ppem;
    FT_Pos y_ppem;
} FT_Bitmap_Size;
typedef struct FT_Face_InternalRec_ *FT_Face_Internal;
typedef struct FT_DriverRec_ *FT_Driver;
typedef struct FT_FaceRec_ {
    FT_Long num_faces;
    FT_Long face_index;
    FT_Long face_flags;
    FT_Long style_flags;
    FT_Long num_glyphs;
    const FT_String *family_name;
    const FT_String *style_name;
    FT_Int num_fixed_sizes;
    FT_Bitmap_Size *available_sizes;
    FT_Int num_charmaps;
    FT_CharMap *charmaps;
    FT_Generic generic;
    FT_BBox bbox;
    FT_UShort units_per_EM;
    FT_Short ascender;
    FT_Short descender;
    FT_Short height;
    FT_Short max_advance_width;
    FT_Short max_advance_height;
    FT_Short underline_position;
    FT_Short underline_thickness;
```

```
    FT_GlyphSlot glyph;
    FT_Size size;
    FT_CharMap charmap;
    FT_Driver driver;
    FT_Memory memory;
    FT_Stream stream;
    FT_ListRec sizes_list;
    FT_Generic autohint;
    void *extensions;
    FT_Face_Internal internal;
} FT_FaceRec;
typedef enum FT_Kerning_Mode_ {
    FT_KERNING_DEFAULT = 0,
    FT_KERNING_UNFITTED = 1,
    FT_KERNING_UNSCALED = 2
} FT_Kerning_Mode;
extern FT_Error FT_Attach_File(FT_Face, const char *);
extern FT_Error FT_Attach_Stream(FT_Face, FT_Open_Args *);
extern FT_Fixed FT_CeilFix(FT_Fixed);
extern FT_Long FT_DivFix(FT_Long, FT_Long);
extern FT_Error FT_Done_Face(FT_Face);
extern FT_Error FT_Done_FreeType(FT_Library);
extern FT_Fixed FT_FloorFix(FT_Fixed);
extern FT_UInt FT_Get_Char_Index(FT_Face, FT_ULong);
extern FT_Int FT_Get_Charmap_Index(FT_CharMap);
extern FT_ULong FT_Get_First_Char(FT_Face, FT_UInt *);
extern  FT_Error  FT_Get_Glyph_Name(FT_Face,  FT_UInt,  FT_Pointer,
FT_UInt);
extern   FT_Error   FT_Get_Kerning(FT_Face,   FT_UInt,   FT_UInt,
FT_UInt,
                                   FT_Vector *);
extern FT_UInt FT_Get_Name_Index(FT_Face, FT_String *);
extern FT_ULong FT_Get_Next_Char(FT_Face, FT_ULong, FT_UInt *);
extern const char *FT_Get_Postscript_Name(FT_Face);
extern FT_Error FT_Init_FreeType(FT_Library *);
extern  void  FT_Library_Version(FT_Library,  FT_Int  *,  FT_Int  *,
FT_Int *);
extern FT_Error FT_Load_Char(FT_Face, FT_ULong, FT_Int32);
extern FT_Error FT_Load_Glyph(FT_Face, FT_UInt, FT_Int32);
extern FT_Long FT_MulDiv(FT_Long, FT_Long, FT_Long);
extern FT_Long FT_MulFix(FT_Long, FT_Long);
extern  FT_Error  FT_New_Face(FT_Library,  const  char  *,  FT_Long,
FT_Face *);
extern  FT_Error  FT_New_Memory_Face(FT_Library,  const  FT_Byte  *,
FT_Long,
                                     FT_Long, FT_Face *);
extern  FT_Error  FT_Open_Face(FT_Library,  const  FT_Open_Args  *,
FT_Long,
                               FT_Face *);
extern FT_Error FT_Render_Glyph(FT_GlyphSlot, FT_Render_Mode);
extern FT_Fixed FT_RoundFix(FT_Fixed);
extern FT_Error FT_Select_Charmap(FT_Face, FT_Encoding);
extern FT_Error FT_Set_Char_Size(FT_Face, FT_F26Dot6, FT_F26Dot6,
FT_UInt,
                                 FT_UInt);
extern FT_Error FT_Set_Charmap(FT_Face, FT_CharMap);
extern FT_Error FT_Set_Pixel_Sizes(FT_Face, FT_UInt, FT_UInt);
extern void FT_Set_Transform(FT_Face, FT_Matrix *, FT_Vector *);
extern void FT_Vector_Transform(FT_Vector *, const FT_Matrix *);
```

12.2.5 freetype/ftbbox.h

```
extern FT_Error FT_Outline_Get_BBox(FT_Outline *, FT_BBox *);
```

12.2.6 freetype/ftbdf.h

```
typedef enum BDF_PropertyType_ {
    BDF_PROPERTY_TYPE_NONE = 0,
    BDF_PROPERTY_TYPE_ATOM = 1,
    BDF_PROPERTY_TYPE_INTEGER = 2,
    BDF_PROPERTY_TYPE_CARDINAL = 3
} BDF_PropertyType;
typedef struct BDF_PropertyRec_ {
    BDF_PropertyType type;
    union {
        const char *atom;
        FT_Int32 integer;
        FT_UInt32 cardinal;
    } u;
} BDF_PropertyRec;
extern FT_Error FT_Get_BDF_Charset_ID(FT_Face, const char **,
                                      const char **);
extern FT_Error FT_Get_BDF_Property(FT_Face, const char *,
                                    BDF_PropertyRec *);
```

12.2.7 freetype/ftbitmap.h

```
extern FT_Error FT_Bitmap_Convert(FT_Library, const FT_Bitmap *,
                                  FT_Bitmap *, FT_Int);
extern  FT_Error  FT_Bitmap_Copy(FT_Library,  const  FT_Bitmap  *,
FT_Bitmap *);
extern FT_Error FT_Bitmap_Done(FT_Library, FT_Bitmap *);
extern   FT_Error   FT_Bitmap_Embolden(FT_Library,   FT_Bitmap   *,
FT_Pos,
                                  FT_Pos);
extern void FT_Bitmap_New(FT_Bitmap *);
```

12.2.8 freetype/fterrors.h

```
enum {
    FT_Err_Ok = 0x00,
    FT_Err_Cannot_Open_Resource = 0x01,
    FT_Err_Unknown_File_Format = 0x02,
    FT_Err_Invalid_File_Format = 0x03,
    FT_Err_Invalid_Version = 0x04,
    FT_Err_Lower_Module_Version = 0x05,
    FT_Err_Invalid_Argument = 0x06,
    FT_Err_Unimplemented_Feature = 0x07,
    FT_Err_Invalid_Table = 0x08,
    FT_Err_Invalid_Offset = 0x09,
    FT_Err_Invalid_Glyph_Index = 0x10,
    FT_Err_Invalid_Character_Code = 0x11,
    FT_Err_Invalid_Glyph_Format = 0x12,
    FT_Err_Cannot_Render_Glyph = 0x13,
    FT_Err_Invalid_Outline = 0x14,
    FT_Err_Invalid_Composite = 0x15,
    FT_Err_Too_Many_Hints = 0x16,
    FT_Err_Invalid_Pixel_Size = 0x17,
    FT_Err_Invalid_Handle = 0x20,
    FT_Err_Invalid_Library_Handle = 0x21,
    FT_Err_Invalid_Driver_Handle = 0x22,
    FT_Err_Invalid_Face_Handle = 0x23,
    FT_Err_Invalid_Size_Handle = 0x24,
    FT_Err_Invalid_Slot_Handle = 0x25,
    FT_Err_Invalid_CharMap_Handle = 0x26,
```

© 2008 Linux Foundation

```
    FT_Err_Invalid_Cache_Handle = 0x27,
    FT_Err_Invalid_Stream_Handle = 0x28,
    FT_Err_Too_Many_Drivers = 0x30,
    FT_Err_Too_Many_Extensions = 0x31,
    FT_Err_Out_Of_Memory = 0x40,
    FT_Err_Unlisted_Object = 0x41,
    FT_Err_Cannot_Open_Stream = 0x51,
    FT_Err_Invalid_Stream_Seek = 0x52,
    FT_Err_Invalid_Stream_Skip = 0x53,
    FT_Err_Invalid_Stream_Read = 0x54,
    FT_Err_Invalid_Stream_Operation = 0x55,
    FT_Err_Invalid_Frame_Operation = 0x56,
    FT_Err_Nested_Frame_Access = 0x57,
    FT_Err_Invalid_Frame_Read = 0x58,
    FT_Err_Raster_Uninitialized = 0x60,
    FT_Err_Raster_Corrupted = 0x61,
    FT_Err_Raster_Overflow = 0x62,
    FT_Err_Raster_Negative_Height = 0x63,
    FT_Err_Too_Many_Caches = 0x70,
    FT_Err_Invalid_Opcode = 0x80,
    FT_Err_Too_Few_Arguments = 0x81,
    FT_Err_Stack_Overflow = 0x82,
    FT_Err_Code_Overflow = 0x83,
    FT_Err_Bad_Argument = 0x84,
    FT_Err_Divide_By_Zero = 0x85,
    FT_Err_Invalid_Reference = 0x86,
    FT_Err_Debug_OpCode = 0x87,
    FT_Err_ENDF_In_Exec_Stream = 0x88,
    FT_Err_Nested_DEFS = 0x89,
    FT_Err_Invalid_CodeRange = 0x8A,
    FT_Err_Execution_Too_Long = 0x8B,
    FT_Err_Too_Many_Function_Defs = 0x8C,
    FT_Err_Too_Many_Instruction_Defs = 0x8D,
    FT_Err_Table_Missing = 0x8E,
    FT_Err_Horiz_Header_Missing = 0x8F,
    FT_Err_Locations_Missing = 0x90,
    FT_Err_Name_Table_Missing = 0x91,
    FT_Err_CMap_Table_Missing = 0x92,
    FT_Err_Hmtx_Table_Missing = 0x93,
    FT_Err_Post_Table_Missing = 0x94,
    FT_Err_Invalid_Horiz_Metrics = 0x95,
    FT_Err_Invalid_CharMap_Format = 0x96,
    FT_Err_Invalid_PPem = 0x97,
    FT_Err_Invalid_Vert_Metrics = 0x98,
    FT_Err_Could_Not_Find_Context = 0x99,
    FT_Err_Invalid_Post_Table_Format = 0x9A,
    FT_Err_Invalid_Post_Table = 0x9B,
    FT_Err_Syntax_Error = 0xA0,
    FT_Err_Stack_Underflow = 0xA1,
    FT_Err_Ignore = 0xA2,
    FT_Err_Missing_Startfont_Field = 0xB0,
    FT_Err_Missing_Font_Field = 0xB1,
    FT_Err_Missing_Size_Field = 0xB2,
    FT_Err_Missing_Chars_Field = 0xB3,
    FT_Err_Missing_Startchar_Field = 0xB4,
    FT_Err_Missing_Encoding_Field = 0xB5,
    FT_Err_Missing_Bbx_Field = 0xB6,
    FT_Err_Bbx_Too_Big = 0xB7,
    FT_Err_Max = 0xB8
};
```

12.2.9 freetype/ftglyph.h

```
typedef struct FT_Glyph_Class_ {
```

```
    FT_Long glyph_size;
    FT_Glyph_Format glyph_format;
    FT_Glyph_InitFunc glyph_init;
    FT_Glyph_DoneFunc glyph_done;
    FT_Glyph_CopyFunc glyph_copy;
    FT_Glyph_TransformFunc glyph_transform;
    FT_Glyph_GetBBoxFunc glyph_bbox;
    FT_Glyph_PrepareFunc glyph_prepare;
} FT_Glyph_Class;
typedef struct FT_GlyphRec_ *FT_Glyph;
typedef FT_Error(*FT_Glyph_InitFunc) (FT_Glyph, FT_GlyphSlot);
typedef void (*FT_Glyph_DoneFunc) (FT_Glyph);
typedef FT_Error(*FT_Glyph_CopyFunc) (FT_Glyph, FT_Glyph);
typedef void (*FT_Glyph_TransformFunc) (FT_Glyph, FT_Matrix *,
                                        FT_Vector *);
typedef void (*FT_Glyph_GetBBoxFunc) (FT_Glyph, FT_BBox *);
typedef FT_Error(*FT_Glyph_PrepareFunc) (FT_Glyph, FT_GlyphSlot);
typedef enum FT_Glyph_BBox_Mode_ {
    FT_GLYPH_BBOX_UNSCALED = 0,
    FT_GLYPH_BBOX_SUBPIXELS = 0,
    FT_GLYPH_BBOX_GRIDFIT = 1,
    FT_GLYPH_BBOX_TRUNCATE = 2,
    FT_GLYPH_BBOX_PIXELS = 3
} FT_Glyph_BBox_Mode;
struct FT_OutlineGlyphRec_ {
    FT_GlyphRec root;
    FT_Outline outline;
};
typedef struct FT_OutlineGlyphRec_ *FT_OutlineGlyph;
typedef struct FT_GlyphRec_ {
    FT_Library library;
    const FT_Glyph_Class *clazz;
    FT_Glyph_Format format;
    FT_Vector advance;
} FT_GlyphRec;
struct FT_BitmapGlyphRec_ {
    FT_GlyphRec root;
    FT_Int left;
    FT_Int top;
    FT_Bitmap bitmap;
};
typedef struct FT_BitmapGlyphRec_ *FT_BitmapGlyph;
extern void FT_Done_Glyph(FT_Glyph);
extern FT_Error FT_Get_Glyph(FT_GlyphSlot, FT_Glyph *);
extern FT_Error FT_Glyph_Copy(FT_Glyph, FT_Glyph *);
extern void FT_Glyph_Get_CBox(FT_Glyph, FT_UInt, FT_BBox *);
extern  FT_Error  FT_Glyph_To_Bitmap(FT_Glyph  *,  FT_Render_Mode,
FT_Vector *,
                                     FT_Bool);
extern   FT_Error   FT_Glyph_Transform(FT_Glyph,   FT_Matrix   *,
FT_Vector *);
extern FT_Error FT_Matrix_Invert(FT_Matrix *);
extern void FT_Matrix_Multiply(const FT_Matrix *, FT_Matrix *);
```

12.2.10 freetype/ftimage.h

```
#define FT_CURVE_TAG_TOUCH_BOTH  \
        ( FT_CURVE_TAG_TOUCH_X | FT_CURVE_TAG_TOUCH_Y )
#define FT_IMAGE_TAG(value,_x1,_x2,_x3,_x4)      \
          value = ( ( (unsigned long)_x1 << 24 ) | ( (unsigned
long)_x2 << 16 ) \
        | ( (unsigned long)_x3 << 8 ) | (unsigned long)_x4 )
#define FT_CURVE_TAG(flag)      ( flag & 3 )
#define FT_CURVE_TAG_CONIC      0
```

```
#define FT_OUTLINE_NONE 0x0
#define FT_RASTER_FLAG_DEFAULT  0x0
#define FT_OUTLINE_OWNER        0x1
#define FT_RASTER_FLAG_AA       0x1
#define FT_OUTLINE_HIGH_PRECISION       0x100
#define FT_OUTLINE_EVEN_ODD_FILL        0x2
#define FT_RASTER_FLAG_DIRECT   0x2
#define FT_OUTLINE_SINGLE_PASS  0x200
#define FT_OUTLINE_REVERSE_FILL 0x4
#define FT_RASTER_FLAG_CLIP     0x4
#define FT_OUTLINE_IGNORE_DROPOUTS      0x8
#define FT_CURVE_TAG_ON 1
#define FT_CURVE_TAG_TOUCH_Y    16
#define FT_CURVE_TAG_CUBIC      2
#define FT_CURVE_TAG_TOUCH_X    8
#define FT_Curve_Tag_Conic      FT_CURVE_TAG_CONIC
#define FT_Curve_Tag_Cubic      FT_CURVE_TAG_CUBIC
#define FT_Curve_Tag_On FT_CURVE_TAG_ON
#define FT_Curve_Tag_Touch_X    FT_CURVE_TAG_TOUCH_X
#define FT_Curve_Tag_Touch_Y    FT_CURVE_TAG_TOUCH_Y
#define FT_Outline_ConicTo_Func FT_Outline_ConicToFunc
#define FT_Outline_CubicTo_Func FT_Outline_CubicToFunc
#define FT_Outline_LineTo_Func  FT_Outline_LineToFunc
#define FT_Outline_MoveTo_Func  FT_Outline_MoveToFunc
#define FT_Raster_Done_Func     FT_Raster_DoneFunc
#define FT_Raster_New_Func      FT_Raster_NewFunc
#define FT_Raster_Render_Func   FT_Raster_RenderFunc
#define FT_Raster_Reset_Func    FT_Raster_ResetFunc
#define FT_Raster_Set_Mode_Func FT_Raster_SetModeFunc
#define FT_Raster_Span_Func     FT_SpanFunc

typedef struct FT_Bitmap_ {
    int rows;
    int width;
    int pitch;
    unsigned char *buffer;
    short num_grays;
    char pixel_mode;
    char palette_mode;
    void *palette;
} FT_Bitmap;
typedef long int FT_Pos;
typedef struct FT_Vector_ {
    FT_Pos x;
    FT_Pos y;
} FT_Vector;
typedef struct FT_Outline_ {
    short n_contours;
    short n_points;
    FT_Vector *points;
    char *tags;
    short int *contours;
    int flags;
} FT_Outline;
typedef enum FT_Glyph_Format_ {
    FT_GLYPH_FORMAT_NONE = 0,
    FT_GLYPH_FORMAT_COMPOSITE = 1668246896,
    FT_GLYPH_FORMAT_BITMAP = 1651078259,
    FT_GLYPH_FORMAT_OUTLINE = 1869968492,
    FT_GLYPH_FORMAT_PLOTTER = 1886154612
} FT_Glyph_Format;
typedef struct FT_BBox_ {
    FT_Pos xMin;
    FT_Pos yMin;
    FT_Pos xMax;
    FT_Pos yMax;
```

```
} FT_BBox;
typedef struct FT_RasterRec_ *FT_Raster;
typedef int (*FT_Raster_NewFunc) (void *, FT_Raster *);
typedef void (*FT_Raster_ResetFunc) (FT_Raster, unsigned char *,
                                     long unsigned int);
typedef  int  (*FT_Raster_SetModeFunc)  (FT_Raster,  long  unsigned
int,
                                      void *);
typedef struct FT_Span_ {
    short x;
    unsigned short len;
    unsigned char coverage;
} FT_Span;
typedef void (*FT_SpanFunc) (int, int, FT_Span *, void *);
typedef int (*FT_Raster_BitTest_Func) (int, int, void *);
typedef void (*FT_Raster_BitSet_Func) (int, int, void *);
typedef struct FT_Raster_Params_ {
    const FT_Bitmap *target;
    const void *source;
    int flags;
    FT_SpanFunc gray_spans;
    FT_SpanFunc black_spans;
    FT_Raster_BitTest_Func bit_test;
    FT_Raster_BitSet_Func bit_set;
    void *user;
    FT_BBox clip_box;
} FT_Raster_Params;
typedef  int  (*FT_Raster_RenderFunc)  (FT_Raster,  FT_Raster_Params
*);
typedef void (*FT_Raster_DoneFunc) (FT_Raster);
typedef struct FT_Raster_Funcs_ {
    FT_Glyph_Format glyph_format;
    FT_Raster_NewFunc raster_new;
    FT_Raster_ResetFunc raster_reset;
    FT_Raster_SetModeFunc raster_set_mode;
    FT_Raster_RenderFunc raster_render;
    FT_Raster_DoneFunc raster_done;
} FT_Raster_Funcs;
typedef int (*FT_Outline_MoveToFunc) (FT_Vector *, void *);
typedef int (*FT_Outline_LineToFunc) (FT_Vector *, void *);
typedef  int  (*FT_Outline_ConicToFunc)  (FT_Vector  *,  FT_Vector  *,
void *);
typedef int (*FT_Outline_CubicToFunc) (FT_Vector *, FT_Vector *,
                                       FT_Vector *, void *);
typedef struct FT_Outline_Funcs_ {
    FT_Outline_MoveToFunc move_to;
    FT_Outline_LineToFunc line_to;
    FT_Outline_ConicToFunc conic_to;
    FT_Outline_CubicToFunc cubic_to;
    int shift;
    FT_Pos delta;
} FT_Outline_Funcs;
typedef enum FT_Pixel_Mode_ {
    FT_PIXEL_MODE_NONE = 0,
    FT_PIXEL_MODE_MONO,
    FT_PIXEL_MODE_GRAY,
    FT_PIXEL_MODE_GRAY2,
    FT_PIXEL_MODE_GRAY4,
    FT_PIXEL_MODE_LCD,
    FT_PIXEL_MODE_LCD_V,
    FT_PIXEL_MODE_MAX
} FT_Pixel_Mode;
```

© 2008 Linux Foundation

12.2.11 freetype/ftincrem.h

```
#define FT_PARAM_TAG_INCREMENTAL          FT_MAKE_TAG( 'i', 'n',
'c', 'r' )
```

12.2.12 freetype/ftlist.h

```
typedef void (*FT_List_Destructor) (FT_Memory, void *, void *);
typedef FT_Error(*FT_List_Iterator) (FT_ListNode, void *);
extern void FT_List_Add(FT_List, FT_ListNode);
extern    void    FT_List_Finalize(FT_List,    FT_List_Destructor,
FT_Memory,
                                void *);
extern FT_ListNode FT_List_Find(FT_List, void *);
extern void FT_List_Insert(FT_List, FT_ListNode);
extern  FT_Error  FT_List_Iterate(FT_List,  FT_List_Iterator,  void
*);
extern void FT_List_Remove(FT_List, FT_ListNode);
extern void FT_List_Up(FT_List, FT_ListNode);
```

12.2.13 freetype/ftmm.h

```
typedef struct FT_MM_Axis_ {
    FT_String *name;
    FT_Long minimum;
    FT_Long maximum;
} FT_MM_Axis;
typedef struct FT_Multi_Master_ {
    FT_UInt num_axis;
    FT_UInt num_designs;
    FT_MM_Axis axis[4];
} FT_Multi_Master;
typedef struct FT_Var_Axis_ {
    FT_String *name;
    FT_Fixed minimum;
    FT_Fixed def;
    FT_Fixed maximum;
    FT_ULong tag;
    FT_UInt strid;
} FT_Var_Axis;
typedef struct FT_Var_Named_Style_ {
    FT_Fixed *coords;
    FT_UInt strid;
} FT_Var_Named_Style;
typedef struct FT_MM_Var_ {
    FT_UInt num_axis;
    FT_UInt num_designs;
    FT_UInt num_namedstyles;
    FT_Var_Axis *axis;
    FT_Var_Named_Style *namedstyle;
} FT_MM_Var;
extern FT_Error FT_Get_MM_Var(FT_Face, FT_MM_Var * *);
extern FT_Error FT_Get_Multi_Master(FT_Face, FT_Multi_Master *);
extern   FT_Error   FT_Set_MM_Blend_Coordinates(FT_Face,   FT_UInt,
FT_Fixed *);
extern  FT_Error  FT_Set_MM_Design_Coordinates(FT_Face,  FT_UInt,
FT_Long *);
extern  FT_Error  FT_Set_Var_Blend_Coordinates(FT_Face,  FT_UInt,
FT_Fixed *);
extern FT_Error FT_Set_Var_Design_Coordinates(FT_Face, FT_UInt,
                                              FT_Fixed *);
```

12.2.14 freetype/ftmodapi.h

```
#define FT_MODULE_DRIVER_SCALABLE       0x100
#define FT_MODULE_DRIVER_NO_OUTLINES    0x200
#define FT_MODULE_DRIVER_HAS_HINTER     0x400
#define FT_MODULE_FONT_DRIVER   1
#define FT_MODULE_RENDERER      2
#define FT_MODULE_HINTER        4
#define FT_MODULE_STYLER        8

typedef FT_Error(*FT_Module_Constructor) (FT_Module);
typedef void (*FT_Module_Destructor) (FT_Module);
typedef FT_Pointer FT_Module_Interface;
typedef FT_Module_Interface(*FT_Module_Requester) (FT_Module,
                                                   const char *);
typedef struct FT_Module_Class_ {
    FT_ULong module_flags;
    FT_Long module_size;
    const FT_String *module_name;
    FT_Fixed module_version;
    FT_Fixed module_requires;
    const void *module_interface;
    FT_Module_Constructor module_init;
    FT_Module_Destructor module_done;
    FT_Module_Requester get_interface;
} FT_Module_Class;
typedef void (*FT_DebugHook_Func) (void *);
extern void FT_Add_Default_Modules(FT_Library);
extern  FT_Error  FT_Add_Module(FT_Library,  const  FT_Module_Class
*);
extern FT_Error FT_Done_Library(FT_Library);
extern FT_Module FT_Get_Module(FT_Library, const char *);
extern FT_Error FT_New_Library(FT_Memory, FT_Library *);
extern FT_Error FT_Remove_Module(FT_Library, FT_Module);
extern      void      FT_Set_Debug_Hook(FT_Library,      FT_UInt,
FT_DebugHook_Func);
```

12.2.15 freetype/ftmoderr.h

```
#define FT_MODERR_START_LIST    enum {
#define FT_MODERRDEF(e,v,s)     FT_Mod_Err_ ## e = 0,
#define FT_MODERR_END_LIST      FT_Mod_Err_Max };
```

12.2.16 freetype/ftotval.h

```
#define FT_VALIDATE_OT   \
          FT_VALIDATE_BASE | FT_VALIDATE_GDEF | FT_VALIDATE_GPOS
| \
        FT_VALIDATE_GSUB | FT_VALIDATE_JSTF
#define FT_VALIDATE_BASE        0x0100
#define FT_VALIDATE_GDEF        0x0200
#define FT_VALIDATE_GPOS        0x0400
#define FT_VALIDATE_GSUB        0x0800
#define FT_VALIDATE_JSTF        0x1000

extern  FT_Error  FT_OpenType_Validate(FT_Face,  FT_UInt,  FT_Bytes
*,
                                       FT_Bytes *, FT_Bytes *,
FT_Bytes *,
                                   FT_Bytes *);
```

12.2.17 freetype/ftoutln.h

```
typedef enum {
    FT_ORIENTATION_TRUETYPE = 0,
    FT_ORIENTATION_POSTSCRIPT = 1,
    FT_ORIENTATION_FILL_RIGHT = 0,
    FT_ORIENTATION_FILL_LEFT = 1
} FT_Orientation;
extern FT_Error FT_Outline_Check(FT_Outline *);
extern  FT_Error  FT_Outline_Copy(const  FT_Outline  *,  FT_Outline
*);
extern FT_Error FT_Outline_Decompose(FT_Outline *,
                                     const FT_Outline_Funcs *,
void *);
extern FT_Error FT_Outline_Done(FT_Library, FT_Outline *);
extern FT_Error FT_Outline_Get_Bitmap(FT_Library, FT_Outline *,
                                    const FT_Bitmap *);
extern void FT_Outline_Get_CBox(const FT_Outline *, FT_BBox *);
extern FT_Orientation FT_Outline_Get_Orientation(FT_Outline *);
extern   FT_Error   FT_Outline_New(FT_Library,   FT_UInt,   FT_Int,
FT_Outline *);
extern FT_Error FT_Outline_Render(FT_Library, FT_Outline *,
                                  FT_Raster_Params *);
extern void FT_Outline_Reverse(FT_Outline *);
extern   void   FT_Outline_Transform(const   FT_Outline   *,   const
FT_Matrix *);
extern  void  FT_Outline_Translate(const  FT_Outline  *,  FT_Pos,
FT_Pos);
```

12.2.18 freetype/ftpfr.h

```
extern FT_Error FT_Get_PFR_Advance(FT_Face, FT_UInt, FT_Pos *);
extern  FT_Error  FT_Get_PFR_Kerning(FT_Face,  FT_UInt,  FT_UInt,
FT_Vector *);
extern FT_Error FT_Get_PFR_Metrics(FT_Face, FT_UInt *, FT_UInt *,
                                   FT_Fixed *, FT_Fixed *);
```

12.2.19 freetype/ftrender.h

```
#define FT_Glyph_Done_Func      FT_Glyph_DoneFunc
#define FT_Glyph_BBox_Func      FT_Glyph_GetBBoxFunc
#define FT_Glyph_Init_Func      FT_Glyph_InitFunc
#define FT_Glyph_Prepare_Func   FT_Glyph_PrepareFunc
#define FTRenderer_getCBox      FT_Renderer_GetCBoxFunc
#define FTRenderer_render       FT_Renderer_RenderFunc
#define FTRenderer_setMode      FT_Renderer_SetModeFunc
#define FTRenderer_transform    FT_Renderer_TransformFunc

typedef      FT_Error(*FT_Renderer_RenderFunc)      (FT_Renderer,
FT_GlyphSlot,
                                          FT_UInt, FT_Vector *);
typedef     FT_Error(*FT_Renderer_TransformFunc)     (FT_Renderer,
FT_GlyphSlot,
                                                    FT_Matrix *,
FT_Vector *);
typedef     void     (*FT_Renderer_GetCBoxFunc)     (FT_Renderer,
FT_GlyphSlot,
                                         FT_BBox *);
typedef      FT_Error(*FT_Renderer_SetModeFunc)      (FT_Renderer,
FT_ULong,
                                           FT_Pointer);
```

```
typedef struct FT_Renderer_Class_ {
    FT_Module_Class root;
    FT_Glyph_Format glyph_format;
    FT_Renderer_RenderFunc render_glyph;
    FT_Renderer_TransformFunc transform_glyph;
    FT_Renderer_GetCBoxFunc get_glyph_cbox;
    FT_Renderer_SetModeFunc set_mode;
    FT_Raster_Funcs *raster_class;
} FT_Renderer_Class;
extern FT_Renderer FT_Get_Renderer(FT_Library, FT_Glyph_Format);
extern FT_Error FT_Set_Renderer(FT_Library, FT_Renderer, FT_UInt,
                                FT_Parameter *);
```

12.2.20 freetype/ftsizes.h

```
extern FT_Error FT_Activate_Size(FT_Size);
extern FT_Error FT_Done_Size(FT_Size);
extern FT_Error FT_New_Size(FT_Face, FT_Size *);
```

12.2.21 freetype/ftsnames.h

```
typedef struct FT_SfntName_ {
    FT_UShort platform_id;
    FT_UShort encoding_id;
    FT_UShort language_id;
    FT_UShort name_id;
    FT_Byte *string;
    FT_UInt string_len;
} FT_SfntName;
extern  FT_Error  FT_Get_Sfnt_Name(FT_Face,  FT_UInt,  FT_SfntName
*);
extern FT_UInt FT_Get_Sfnt_Name_Count(FT_Face);
```

12.2.22 freetype/ftstroke.h

```
typedef enum {
    FT_STROKER_LINECAP_BUTT = 0,
    FT_STROKER_LINECAP_ROUND = 1,
    FT_STROKER_LINECAP_SQUARE = 2
} FT_Stroker_LineCap;
typedef enum {
    FT_STROKER_LINEJOIN_ROUND = 0,
    FT_STROKER_LINEJOIN_BEVEL = 1,
    FT_STROKER_LINEJOIN_MITER = 2
} FT_Stroker_LineJoin;
typedef struct FT_StrokerRec_ *FT_Stroker;
typedef enum {
    FT_STROKER_BORDER_LEFT = 0,
    FT_STROKER_BORDER_RIGHT = 1
} FT_StrokerBorder;
extern FT_Error FT_Glyph_Stroke(FT_Glyph *, FT_Stroker, FT_Bool);
extern  FT_Error  FT_Glyph_StrokeBorder(FT_Glyph  *,  FT_Stroker,
FT_Bool,
                                        FT_Bool);
extern FT_StrokerBorder FT_Outline_GetInsideBorder(FT_Outline *);
extern   FT_StrokerBorder   FT_Outline_GetOutsideBorder(FT_Outline
*);
extern  FT_Error  FT_Stroker_BeginSubPath(FT_Stroker,  FT_Vector  *,
FT_Bool);
extern   FT_Error   FT_Stroker_ConicTo(FT_Stroker,   FT_Vector   *,
FT_Vector *);
```

```
extern   FT_Error   FT_Stroker_CubicTo(FT_Stroker,   FT_Vector   *,
FT_Vector *,
                                    FT_Vector *);
extern void FT_Stroker_Done(FT_Stroker);
extern FT_Error FT_Stroker_EndSubPath(FT_Stroker);
extern void FT_Stroker_Export(FT_Stroker, FT_Outline *);
extern void FT_Stroker_ExportBorder(FT_Stroker, FT_StrokerBorder,
                                     FT_Outline *);
extern       FT_Error       FT_Stroker_GetBorderCounts(FT_Stroker,
FT_StrokerBorder,
                                              FT_UInt *, FT_UInt *);
extern   FT_Error   FT_Stroker_GetCounts(FT_Stroker,   FT_UInt   *,
FT_UInt *);
extern FT_Error FT_Stroker_LineTo(FT_Stroker, FT_Vector *);
extern FT_Error FT_Stroker_New(FT_Memory, FT_Stroker *);
extern FT_Error FT_Stroker_ParseOutline(FT_Stroker, FT_Outline *,
FT_Bool);
extern void FT_Stroker_Rewind(FT_Stroker);
extern       void       FT_Stroker_Set(FT_Stroker,       FT_Fixed,
FT_Stroker_LineCap,
                           FT_Stroker_LineJoin, FT_Fixed);
```

12.2.23 freetype/ftsystem.h

```
struct FT_MemoryRec_ {
    void *user;
    FT_Alloc_Func alloc;
    FT_Free_Func free;
    FT_Realloc_Func realloc;
};
typedef struct FT_MemoryRec_ *FT_Memory;
typedef void *(*FT_Alloc_Func) (FT_Memory, long int);
typedef void (*FT_Free_Func) (FT_Memory, void *);
typedef void *(*FT_Realloc_Func) (FT_Memory, long int, long int,
void *);
union FT_StreamDesc_ {
    long int value;
    void *pointer;
};
struct FT_StreamRec_ {
    unsigned char *base;
    long unsigned int size;
    long unsigned int pos;
    FT_StreamDesc descriptor;
    FT_StreamDesc pathname;
    FT_Stream_IoFunc read;
    FT_Stream_CloseFunc close;
    FT_Memory memory;
    unsigned char *cursor;
    unsigned char *limit;
};
typedef union FT_StreamDesc_ {
    long int value;
    void *pointer;
} FT_StreamDesc;
typedef struct FT_StreamRec_ *FT_Stream;
typedef long unsigned int (*FT_Stream_IoFunc) (FT_Stream,
                                               long unsigned int,
                                               unsigned char *,
                                                     long unsigned
int);
typedef void (*FT_Stream_CloseFunc) (FT_Stream);
```

12.2.24 freetype/fttrigon.h

```
#define FT_ANGLE_PI     ( 180L << 16 )
#define FT_ANGLE_2PI    ( FT_ANGLE_PI * 2 )
#define FT_ANGLE_PI2    ( FT_ANGLE_PI / 2 )
#define FT_ANGLE_PI4    ( FT_ANGLE_PI / 4 )

typedef FT_Fixed FT_Angle;
extern FT_Angle FT_Angle_Diff(FT_Angle, FT_Angle);
extern FT_Angle FT_Atan2(FT_Fixed, FT_Fixed);
extern FT_Fixed FT_Cos(FT_Angle);
extern FT_Fixed FT_Sin(FT_Angle);
extern FT_Fixed FT_Tan(FT_Angle);
extern    void    FT_Vector_From_Polar(FT_Vector    *,    FT_Fixed,
FT_Angle);
extern FT_Fixed FT_Vector_Length(FT_Vector *);
extern void FT_Vector_Polarize(FT_Vector *, FT_Fixed *, FT_Angle
*);
extern void FT_Vector_Rotate(FT_Vector *, FT_Angle);
extern void FT_Vector_Unit(FT_Vector *, FT_Angle);
```

12.2.25 freetype/fttypes.h

```
#define FT_MAKE_TAG(_x1,_x2,_x3,_x4)     \
          ( ( (FT_ULong)_x1 << 24 ) | ( (FT_ULong)_x2 << 16 ) |
( (FT_ULong)_x3 \
        << 8 ) | (FT_ULong)_x4 )
#define FT_BOOL(x)      ( (FT_Bool)( x ) )
#define FT_IS_EMPTY(list)       ( (list).head == 0 )
#define FT_ERROR_BASE(x)        ( (x) & 0xFF )
#define FT_ERROR_MODULE(x)      ( (x) & 0xFF00U )

typedef unsigned int FT_UInt;
typedef struct FT_ListNodeRec_ *FT_ListNode;
typedef struct FT_ListRec_ *FT_List;
typedef int FT_Error;
typedef void (*FT_Generic_Finalizer) (void *);
typedef struct FT_Generic_ {
    void *data;
    FT_Generic_Finalizer finalizer;
} FT_Generic;
typedef int FT_Int;
typedef long unsigned int FT_ULong;
typedef long int FT_Long;
typedef char FT_String;
typedef long int FT_Fixed;
typedef void *FT_Pointer;
typedef struct FT_ListRec_ {
    FT_ListNode head;
    FT_ListNode tail;
} FT_ListRec;
typedef short unsigned int FT_UShort;
typedef struct FT_Matrix_ {
    FT_Fixed xx;
    FT_Fixed xy;
    FT_Fixed yx;
    FT_Fixed yy;
} FT_Matrix;
typedef unsigned char FT_Bool;
typedef unsigned char FT_Byte;
typedef int FT_Int32;
typedef unsigned int FT_UInt32;
typedef const FT_Byte *FT_Bytes;
```

```
typedef short int FT_Short;
typedef struct FT_ListNodeRec_ {
    FT_ListNode prev;
    FT_ListNode next;
    void *data;
} FT_ListNodeRec;
typedef char FT_Char;
```

12.2.26 freetype/ftxf86.h

```
extern const char *FT_Get_X11_Font_Format(FT_Face);
```

12.2.27 freetype/t1tables.h

```
#define T1_MAX_MM_DESIGNS       16
#define T1_MAX_MM_MAP_POINTS    20
#define T1_MAX_MM_AXIS  4
#define t1_blend_blue_scale     T1_BLEND_BLUE_SCALE
#define t1_blend_blue_shift     T1_BLEND_BLUE_SHIFT
#define t1_blend_blue_values    T1_BLEND_BLUE_VALUES
#define t1_blend_family_blues   T1_BLEND_FAMILY_BLUES
#define                                t1_blend_family_other_blues
T1_BLEND_FAMILY_OTHER_BLUES
#define t1_blend_force_bold     T1_BLEND_FORCE_BOLD
#define t1_blend_italic_angle   T1_BLEND_ITALIC_ANGLE
#define t1_blend_max    T1_BLEND_MAX
#define t1_blend_other_blues    T1_BLEND_OTHER_BLUES
#define t1_blend_standard_height        T1_BLEND_STANDARD_HEIGHT
#define t1_blend_standard_widths        T1_BLEND_STANDARD_WIDTH
#define                                 t1_blend_stem_snap_heights
T1_BLEND_STEM_SNAP_HEIGHTS
#define t1_blend_stem_snap_widths       T1_BLEND_STEM_SNAP_WIDTHS
#define                                t1_blend_underline_position
T1_BLEND_UNDERLINE_POSITION
#define                               t1_blend_underline_thickness
T1_BLEND_UNDERLINE_THICKNESS

typedef struct PS_PrivateRec_ {
    FT_Int unique_id;
    FT_Int lenIV;
    FT_Byte num_blue_values;
    FT_Byte num_other_blues;
    FT_Byte num_family_blues;
    FT_Byte num_family_other_blues;
    FT_Short blue_values[14];
    FT_Short other_blues[10];
    FT_Short family_blues[14];
    FT_Short family_other_blues[10];
    FT_Fixed blue_scale;
    FT_Int blue_shift;
    FT_Int blue_fuzz;
    FT_UShort standard_width[1];
    FT_UShort standard_height[1];
    FT_Byte num_snap_widths;
    FT_Byte num_snap_heights;
    FT_Bool force_bold;
    FT_Bool round_stem_up;
    FT_Short snap_widths[13];
    FT_Short snap_heights[13];
    FT_Fixed expansion_factor;
    FT_Long language_group;
    FT_Long password;
    FT_Short min_feature[2];
```

```
} PS_PrivateRec;
typedef struct PS_FontInfoRec {
    FT_String *version;
    FT_String *notice;
    FT_String *full_name;
    FT_String *family_name;
    FT_String *weight;
    FT_Long italic_angle;
    FT_Bool is_fixed_pitch;
    FT_Short underline_position;
    FT_UShort underline_thickness;
} PS_FontInfoRec;
typedef enum {
    T1_BLEND_UNDERLINE_POSITION,
    T1_BLEND_UNDERLINE_THICKNESS,
    T1_BLEND_ITALIC_ANGLE,
    T1_BLEND_BLUE_VALUES,
    T1_BLEND_OTHER_BLUES,
    T1_BLEND_STANDARD_WIDTH,
    T1_BLEND_STANDARD_HEIGHT,
    T1_BLEND_STEM_SNAP_WIDTHS,
    T1_BLEND_STEM_SNAP_HEIGHTS,
    T1_BLEND_BLUE_SCALE,
    T1_BLEND_BLUE_SHIFT,
    T1_BLEND_FAMILY_BLUES,
    T1_BLEND_FAMILY_OTHER_BLUES,
    T1_BLEND_FORCE_BOLD,
    T1_BLEND_MAX
} T1_Blend_Flags;
extern FT_Error FT_Get_PS_Font_Info(FT_Face, PS_FontInfoRec *);
extern FT_Error FT_Get_PS_Font_Private(FT_Face, PS_PrivateRec *);
extern FT_Int FT_Has_PS_Glyph_Names(FT_Face);
```

12.2.28 freetype/ttnameid.h

```
#define TT_MS_LANGID_KIRGHIZ_KIRGHIZ_REPUBLIC    \
        TT_MS_LANGID_KIRGHIZ_KIRGHIZSTAN
#define TT_MS_LANGID_SOTHO_SOUTHERN_SOUTH_AFRICA         \
        TT_MS_LANGID_SEPEDI_SOUTH_AFRICA
#define TT_UCR_COMBINING_DIACRITICAL_MARKS_SYMB  \
        TT_UCR_COMBINING_DIACRITICS_SYMB
#define TT_UCR_BASIC_LATIN      (1L << 0)
#define TT_UCR_COMBINING_HALF_MARKS     (1L << 0)
#define TT_UCR_SUPERSCRIPTS_SUBSCRIPTS  (1L << 0)
#define TT_UCR_CJK_COMPATIBILITY_FORMS  (1L << 1)
#define TT_UCR_CURRENCY_SYMBOLS (1L << 1)
#define TT_UCR_LATIN1_SUPPLEMENT        (1L << 1)
#define TT_UCR_ARMENIAN (1L << 10)
#define TT_UCR_ENCLOSED_ALPHANUMERICS   (1L << 10)
#define TT_UCR_MYANMAR  (1L << 10)
#define TT_UCR_BOX_DRAWING      (1L << 11)
#define TT_UCR_ETHIOPIC (1L << 11)
#define TT_UCR_HEBREW   (1L << 11)
#define TT_UCR_BLOCK_ELEMENTS   (1L << 12)
#define TT_UCR_CHEROKEE (1L << 12)
#define TT_UCR_ARABIC   (1L << 13)
#define TT_UCR_CANADIAN_ABORIGINAL_SYLLABICS    (1L << 13)
#define TT_UCR_GEOMETRIC_SHAPES (1L << 13)
#define TT_UCR_MISCELLANEOUS_SYMBOLS    (1L << 14)
#define TT_UCR_OGHAM    (1L << 14)
#define TT_UCR_DEVANAGARI       (1L << 15)
#define TT_UCR_DINGBATS (1L << 15)
#define TT_UCR_RUNIC    (1L << 15)
#define TT_UCR_BENGALI  (1L << 16)
```

© 2008 Linux Foundation

```
#define TT_UCR_CJK_SYMBOLS      (1L << 16)
#define TT_UCR_KHMER    (1L << 16)
#define TT_UCR_GURMUKHI (1L << 17)
#define TT_UCR_HIRAGANA (1L << 17)
#define TT_UCR_MONGOLIAN        (1L << 17)
#define TT_UCR_BRAILLE  (1L << 18)
#define TT_UCR_GUJARATI (1L << 18)
#define TT_UCR_KATAKANA (1L << 18)
#define TT_UCR_BOPOMOFO (1L << 19)
#define TT_UCR_ORIYA    (1L << 19)
#define TT_UCR_YI       (1L << 19)
#define TT_UCR_COMBINING_DIACRITICS_SYMB        (1L << 2)
#define TT_UCR_LATIN_EXTENDED_A (1L << 2)
#define TT_UCR_SMALL_FORM_VARIANTS      (1L << 2)
#define TT_UCR_HANGUL_COMPATIBILITY_JAMO        (1L << 20)
#define TT_UCR_PHILIPPINE       (1L << 20)
#define TT_UCR_TAMIL    (1L << 20)
#define TT_UCR_CJK_MISC (1L << 21)
#define TT_UCR_OLD_ITALIC       (1L << 21)
#define TT_UCR_TELUGU   (1L << 21)
#define TT_UCR_ENCLOSED_CJK_LETTERS_MONTHS      (1L << 22)
#define TT_UCR_GOTHIC   (1L << 22)
#define TT_UCR_KANNADA  (1L << 22)
#define TT_UCR_CJK_COMPATIBILITY        (1L << 23)
#define TT_UCR_DESERET  (1L << 23)
#define TT_UCR_MALAYALAM        (1L << 23)
#define TT_UCR_HANGUL   (1L << 24)
#define TT_UCR_MUSICAL_SYMBOLS  (1L << 24)
#define TT_UCR_THAI     (1L << 24)
#define TT_UCR_LAO      (1L << 25)
#define TT_UCR_MATH_ALPHANUMERIC_SYMBOLS        (1L << 25)
#define TT_UCR_SURROGATES       (1L << 25)
#define TT_UCR_GEORGIAN (1L << 26)
#define TT_UCR_PRIVATE_USE_SUPPLEMENTARY        (1L << 26)
#define TT_UCR_CJK_UNIFIED_IDEOGRAPHS   (1L << 27)
#define TT_UCR_VARIATION_SELECTORS      (1L << 27)
#define TT_UCR_HANGUL_JAMO      (1L << 28)
#define TT_UCR_PRIVATE_USE      (1L << 28)
#define TT_UCR_TAGS     (1L << 28)
#define TT_UCR_CJK_COMPATIBILITY_IDEOGRAPHS     (1L << 29)
#define TT_UCR_LATIN_EXTENDED_ADDITIONAL        (1L << 29)
#define TT_UCR_ARABIC_PRESENTATIONS_B   (1L << 3)
#define TT_UCR_LATIN_EXTENDED_B (1L << 3)
#define TT_UCR_LETTERLIKE_SYMBOLS       (1L << 3)
#define TT_UCR_ALPHABETIC_PRESENTATION_FORMS    (1L << 30)
#define TT_UCR_GREEK_EXTENDED   (1L << 30)
#define TT_UCR_ARABIC_PRESENTATIONS_A   (1L << 31)
#define TT_UCR_GENERAL_PUNCTUATION      (1L << 31)
#define TT_UCR_HALFWIDTH_FULLWIDTH_FORMS        (1L << 4)
#define TT_UCR_IPA_EXTENSIONS   (1L << 4)
#define TT_UCR_NUMBER_FORMS     (1L << 4)
#define TT_UCR_ARROWS   (1L << 5)
#define TT_UCR_SPACING_MODIFIER (1L << 5)
#define TT_UCR_SPECIALS (1L << 5)
#define TT_UCR_COMBINING_DIACRITICS     (1L << 6)
#define TT_UCR_MATHEMATICAL_OPERATORS   (1L << 6)
#define TT_UCR_TIBETAN  (1L << 6)
#define TT_UCR_GREEK    (1L << 7)
#define TT_UCR_MISCELLANEOUS_TECHNICAL  (1L << 7)
#define TT_UCR_SYRIAC   (1L << 7)
#define TT_UCR_CONTROL_PICTURES (1L << 8)
#define TT_UCR_THAANA   (1L << 8)
#define TT_UCR_CYRILLIC (1L << 9)
#define TT_UCR_OCR      (1L << 9)
#define TT_UCR_SINHALA  (1L << 9)
#define TT_ADOBE_ID_STANDARD    0
```

```
#define TT_APPLE_ID_DEFAULT     0
#define TT_ISO_ID_7BIT_ASCII    0
#define TT_MAC_ID_ROMAN 0
#define TT_MAC_LANGID_ENGLISH   0
#define TT_MS_ID_SYMBOL_CS      0
#define TT_NAME_ID_COPYRIGHT    0
#define TT_PLATFORM_APPLE_UNICODE       0
#define TT_MS_LANGID_ARABIC_GENERAL     0x0001
#define TT_MS_LANGID_CHINESE_GENERAL    0x0004
#define TT_MS_LANGID_ENGLISH_GENERAL    0x0009
#define TT_MS_LANGID_ARABIC_SAUDI_ARABIA        0x0401
#define TT_MS_LANGID_BULGARIAN_BULGARIA 0x0402
#define TT_MS_LANGID_CATALAN_SPAIN      0x0403
#define TT_MS_LANGID_CHINESE_TAIWAN     0x0404
#define TT_MS_LANGID_CZECH_CZECH_REPUBLIC       0x0405
#define TT_MS_LANGID_DANISH_DENMARK     0x0406
#define TT_MS_LANGID_GERMAN_GERMANY     0x0407
#define TT_MS_LANGID_GREEK_GREECE       0x0408
#define TT_MS_LANGID_ENGLISH_UNITED_STATES      0x0409
#define TT_MS_LANGID_SPANISH_SPAIN_TRADITIONAL_SORT     0x040a
#define TT_MS_LANGID_FINNISH_FINLAND    0x040b
#define TT_MS_LANGID_FRENCH_FRANCE      0x040c
#define TT_MS_LANGID_HEBREW_ISRAEL      0x040d
#define TT_MS_LANGID_HUNGARIAN_HUNGARY  0x040e
#define TT_MS_LANGID_ICELANDIC_ICELAND  0x040f
#define TT_MS_LANGID_ITALIAN_ITALY      0x0410
#define TT_MS_LANGID_JAPANESE_JAPAN     0x0411
#define TT_MS_LANGID_KOREAN_EXTENDED_WANSUNG_KOREA      0x0412
#define TT_MS_LANGID_DUTCH_NETHERLANDS  0x0413
#define TT_MS_LANGID_NORWEGIAN_NORWAY_BOKMAL    0x0414
#define TT_MS_LANGID_POLISH_POLAND      0x0415
#define TT_MS_LANGID_PORTUGUESE_BRAZIL  0x0416
#define TT_MS_LANGID_RHAETO_ROMANIC_SWITZERLAND 0x0417
#define TT_MS_LANGID_ROMANIAN_ROMANIA   0x0418
#define TT_MS_LANGID_RUSSIAN_RUSSIA     0x0419
#define TT_MS_LANGID_CROATIAN_CROATIA   0x041a
#define TT_MS_LANGID_SLOVAK_SLOVAKIA    0x041b
#define TT_MS_LANGID_ALBANIAN_ALBANIA   0x041c
#define TT_MS_LANGID_SWEDISH_SWEDEN     0x041d
#define TT_MS_LANGID_THAI_THAILAND      0x041e
#define TT_MS_LANGID_TURKISH_TURKEY     0x041f
#define TT_MS_LANGID_URDU_PAKISTAN      0x0420
#define TT_MS_LANGID_INDONESIAN_INDONESIA       0x0421
#define TT_MS_LANGID_UKRAINIAN_UKRAINE  0x0422
#define TT_MS_LANGID_BELARUSIAN_BELARUS 0x0423
#define TT_MS_LANGID_SLOVENE_SLOVENIA   0x0424
#define TT_MS_LANGID_ESTONIAN_ESTONIA   0x0425
#define TT_MS_LANGID_LATVIAN_LATVIA     0x0426
#define TT_MS_LANGID_LITHUANIAN_LITHUANIA       0x0427
#define TT_MS_LANGID_TAJIK_TAJIKISTAN   0x0428
#define TT_MS_LANGID_FARSI_IRAN 0x0429
#define TT_MS_LANGID_VIETNAMESE_VIET_NAM        0x042a
#define TT_MS_LANGID_ARMENIAN_ARMENIA   0x042b
#define TT_MS_LANGID_AZERI_AZERBAIJAN_LATIN     0x042c
#define TT_MS_LANGID_BASQUE_SPAIN       0x042d
#define TT_MS_LANGID_SORBIAN_GERMANY    0x042e
#define TT_MS_LANGID_MACEDONIAN_MACEDONIA       0x042f
#define TT_MS_LANGID_SUTU_SOUTH_AFRICA  0x0430
#define TT_MS_LANGID_TSONGA_SOUTH_AFRICA        0x0431
#define TT_MS_LANGID_TSWANA_SOUTH_AFRICA        0x0432
#define TT_MS_LANGID_VENDA_SOUTH_AFRICA 0x0433
#define TT_MS_LANGID_XHOSA_SOUTH_AFRICA 0x0434
#define TT_MS_LANGID_ZULU_SOUTH_AFRICA  0x0435
#define TT_MS_LANGID_AFRIKAANS_SOUTH_AFRICA     0x0436
#define TT_MS_LANGID_GEORGIAN_GEORGIA   0x0437
#define TT_MS_LANGID_FAEROESE_FAEROE_ISLANDS    0x0438
```

```
#define TT_MS_LANGID_HINDI_INDIA        0x0439
#define TT_MS_LANGID_MALTESE_MALTA      0x043a
#define TT_MS_LANGID_SAAMI_LAPONIA      0x043b
#define TT_MS_LANGID_SAMI_NORTHERN_NORWAY       0x043b
#define TT_MS_LANGID_IRISH_GAELIC_IRELAND       0x043c
#define TT_MS_LANGID_YIDDISH_GERMANY    0x043d
#define TT_MS_LANGID_MALAY_MALAYSIA     0x043e
#define TT_MS_LANGID_KAZAK_KAZAKSTAN    0x043f
#define TT_MS_LANGID_KIRGHIZ_KIRGHIZSTAN        0x0440
#define TT_MS_LANGID_SWAHILI_KENYA      0x0441
#define TT_MS_LANGID_TURKMEN_TURKMENISTAN       0x0442
#define TT_MS_LANGID_UZBEK_UZBEKISTAN_LATIN     0x0443
#define TT_MS_LANGID_TATAR_TATARSTAN    0x0444
#define TT_MS_LANGID_BENGALI_INDIA      0x0445
#define TT_MS_LANGID_PUNJABI_INDIA      0x0446
#define TT_MS_LANGID_GUJARATI_INDIA     0x0447
#define TT_MS_LANGID_ORIYA_INDIA        0x0448
#define TT_MS_LANGID_TAMIL_INDIA        0x0449
#define TT_MS_LANGID_TELUGU_INDIA       0x044a
#define TT_MS_LANGID_KANNADA_INDIA      0x044b
#define TT_MS_LANGID_MALAYALAM_INDIA    0x044c
#define TT_MS_LANGID_ASSAMESE_INDIA     0x044d
#define TT_MS_LANGID_MARATHI_INDIA      0x044e
#define TT_MS_LANGID_SANSKRIT_INDIA     0x044f
#define TT_MS_LANGID_MONGOLIAN_MONGOLIA 0x0450
#define TT_MS_LANGID_TIBETAN_CHINA      0x0451
#define TT_MS_LANGID_WELSH_WALES        0x0452
#define TT_MS_LANGID_KHMER_CAMBODIA     0x0453
#define TT_MS_LANGID_LAO_LAOS   0x0454
#define TT_MS_LANGID_BURMESE_MYANMAR    0x0455
#define TT_MS_LANGID_GALICIAN_SPAIN     0x0456
#define TT_MS_LANGID_KONKANI_INDIA      0x0457
#define TT_MS_LANGID_MANIPURI_INDIA     0x0458
#define TT_MS_LANGID_SINDHI_INDIA       0x0459
#define TT_MS_LANGID_SYRIAC_SYRIA       0x045a
#define TT_MS_LANGID_SINHALESE_SRI_LANKA        0x045b
#define TT_MS_LANGID_CHEROKEE_UNITED_STATES     0x045c
#define TT_MS_LANGID_INUKTITUT_CANADA   0x045d
#define TT_MS_LANGID_AMHARIC_ETHIOPIA   0x045e
#define TT_MS_LANGID_TAMAZIGHT_MOROCCO  0x045f
#define TT_MS_LANGID_KASHMIRI_PAKISTAN  0x0460
#define TT_MS_LANGID_NEPALI_NEPAL       0x0461
#define TT_MS_LANGID_FRISIAN_NETHERLANDS        0x0462
#define TT_MS_LANGID_PASHTO_AFGHANISTAN 0x0463
#define TT_MS_LANGID_FILIPINO_PHILIPPINES       0x0464
#define TT_MS_LANGID_DHIVEHI_MALDIVES   0x0465
#define TT_MS_LANGID_EDO_NIGERIA        0x0466
#define TT_MS_LANGID_FULFULDE_NIGERIA   0x0467
#define TT_MS_LANGID_HAUSA_NIGERIA      0x0468
#define TT_MS_LANGID_IBIBIO_NIGERIA     0x0469
#define TT_MS_LANGID_YORUBA_NIGERIA     0x046a
#define TT_MS_LANGID_QUECHUA_BOLIVIA    0x046b
#define TT_MS_LANGID_SEPEDI_SOUTH_AFRICA        0x046c
#define TT_MS_LANGID_IGBO_NIGERIA       0x0470
#define TT_MS_LANGID_KANURI_NIGERIA     0x0471
#define TT_MS_LANGID_OROMO_ETHIOPIA     0x0472
#define TT_MS_LANGID_TIGRIGNA_ETHIOPIA  0x0473
#define TT_MS_LANGID_GUARANI_PARAGUAY   0x0474
#define TT_MS_LANGID_HAWAIIAN_UNITED_STATES     0x0475
#define TT_MS_LANGID_LATIN      0x0476
#define TT_MS_LANGID_SOMALI_SOMALIA     0x0477
#define TT_MS_LANGID_YI_CHINA   0x0478
#define TT_MS_LANGID_PAPIAMENTU_NETHERLANDS_ANTILLES    0x0479
#define TT_MS_LANGID_UIGHUR_CHINA       0x0480
#define TT_MS_LANGID_MAORI_NEW_ZEALAND  0x0481
#define TT_MS_LANGID_ARABIC_IRAQ        0x0801
```

```
#define TT_MS_LANGID_CHINESE_PRC        0x0804
#define TT_MS_LANGID_GERMAN_SWITZERLAND 0x0807
#define TT_MS_LANGID_ENGLISH_UNITED_KINGDOM     0x0809
#define TT_MS_LANGID_SPANISH_MEXICO     0x080a
#define TT_MS_LANGID_FRENCH_BELGIUM     0x080c
#define TT_MS_LANGID_ITALIAN_SWITZERLAND        0x0810
#define TT_MS_LANGID_KOREAN_JOHAB_KOREA 0x0812
#define TT_MS_LANGID_DUTCH_BELGIUM      0x0813
#define TT_MS_LANGID_NORWEGIAN_NORWAY_NYNORSK   0x0814
#define TT_MS_LANGID_PORTUGUESE_PORTUGAL        0x0816
#define TT_MS_LANGID_MOLDAVIAN_MOLDAVIA 0x0818
#define TT_MS_LANGID_RUSSIAN_MOLDAVIA   0x0819
#define TT_MS_LANGID_SERBIAN_SERBIA_LATIN       0x081a
#define TT_MS_LANGID_SWEDISH_FINLAND    0x081d
#define TT_MS_LANGID_URDU_INDIA 0x0820
#define TT_MS_LANGID_CLASSIC_LITHUANIAN_LITHUANIA       0x0827
#define TT_MS_LANGID_AZERI_AZERBAIJAN_CYRILLIC  0x082c
#define TT_MS_LANGID_SAMI_NORTHERN_SWEDEN       0x083b
#define TT_MS_LANGID_SCOTTISH_GAELIC_UNITED_KINGDOM     0x083c
#define TT_MS_LANGID_MALAY_BRUNEI_DARUSSALAM    0x083e
#define TT_MS_LANGID_UZBEK_UZBEKISTAN_CYRILLIC  0x0843
#define TT_MS_LANGID_BENGALI_BANGLADESH 0x0845
#define TT_MS_LANGID_PUNJABI_ARABIC_PAKISTAN    0x0846
#define TT_MS_LANGID_MONGOLIAN_MONGOLIA_MONGOLIAN       0x0850
#define TT_MS_LANGID_DZONGHKA_BHUTAN    0x0851
#define TT_MS_LANGID_SINDHI_PAKISTAN    0x0859
#define TT_MS_LANGID_TAMAZIGHT_MOROCCO_LATIN    0x085f
#define TT_MS_LANGID_KASHMIRI_SASIA     0x0860
#define TT_MS_LANGID_NEPALI_INDIA       0x0861
#define TT_MS_LANGID_QUECHUA_ECUADOR    0x086b
#define TT_MS_LANGID_TIGRIGNA_ERYTHREA  0x0873
#define TT_MS_LANGID_ARABIC_EGYPT       0x0c01
#define TT_MS_LANGID_CHINESE_HONG_KONG  0x0c04
#define TT_MS_LANGID_GERMAN_AUSTRIA     0x0c07
#define TT_MS_LANGID_ENGLISH_AUSTRALIA  0x0c09
#define TT_MS_LANGID_SPANISH_SPAIN_INTERNATIONAL_SORT   0x0c0a
#define TT_MS_LANGID_FRENCH_CANADA      0x0c0c
#define TT_MS_LANGID_SERBIAN_SERBIA_CYRILLIC    0x0c1a
#define TT_MS_LANGID_SAMI_NORTHERN_FINLAND      0x0C3b
#define TT_MS_LANGID_QUECHUA_PERU       0x0c6b
#define TT_MS_LANGID_ARABIC_LIBYA       0x1001
#define TT_MS_LANGID_CHINESE_SINGAPORE  0x1004
#define TT_MS_LANGID_GERMAN_LUXEMBOURG  0x1007
#define TT_MS_LANGID_ENGLISH_CANADA     0x1009
#define TT_MS_LANGID_SPANISH_GUATEMALA  0x100a
#define TT_MS_LANGID_FRENCH_SWITZERLAND 0x100c
#define TT_MS_LANGID_CROATIAN_BOSNIA_HERZEGOVINA        0x101a
#define TT_MS_LANGID_SAMI_LULE_NORWAY   0x103b
#define TT_MS_LANGID_ARABIC_ALGERIA     0x1401
#define TT_MS_LANGID_CHINESE_MACAU      0x1404
#define TT_MS_LANGID_GERMAN_LIECHTENSTEI        0x1407
#define TT_MS_LANGID_ENGLISH_NEW_ZEALAND        0x1409
#define TT_MS_LANGID_SPANISH_COSTA_RICA 0x140a
#define TT_MS_LANGID_FRENCH_LUXEMBOURG  0x140c
#define TT_MS_LANGID_BOSNIAN_BOSNIA_HERZEGOVINA 0x141a
#define TT_MS_LANGID_SAMI_LULE_SWEDEN   0x143b
#define TT_MS_LANGID_ARABIC_MOROCCO     0x1801
#define TT_MS_LANGID_ENGLISH_IRELAND    0x1809
#define TT_MS_LANGID_SPANISH_PANAMA     0x180a
#define TT_MS_LANGID_FRENCH_MONACO      0x180c
#define TT_MS_LANGID_SERBIAN_BOSNIA_HERZ_CYRILLIC       0x181a
#define TT_MS_LANGID_SERBIAN_BOSNIA_HERZ_LATIN  0x181a
#define TT_MS_LANGID_SAMI_SOUTHERN_NORWAY       0x183b
#define TT_MS_LANGID_ARABIC_TUNISIA     0x1c01
#define TT_MS_LANGID_ENGLISH_SOUTH_AFRICA       0x1c09
#define TT_MS_LANGID_SPANISH_DOMINICAN_REPUBLIC 0x1c0a
```

© 2008 Linux Foundation

```
#define TT_MS_LANGID_FRENCH_WEST_INDIES 0x1c0c
#define TT_MS_LANGID_SAMI_SOUTHERN_SWEDEN       0x1C3b
#define TT_MS_LANGID_ARABIC_OMAN        0x2001
#define TT_MS_LANGID_ENGLISH_JAMAICA    0x2009
#define TT_MS_LANGID_SPANISH_VENEZUELA  0x200a
#define TT_MS_LANGID_FRENCH_REUNION     0x200c
#define TT_MS_LANGID_SAMI_SKOLT_FINLAND 0x203b
#define TT_MS_LANGID_ARABIC_YEMEN       0x2401
#define TT_MS_LANGID_ENGLISH_CARIBBEAN  0x2409
#define TT_MS_LANGID_SPANISH_COLOMBIA   0x240a
#define TT_MS_LANGID_FRENCH_CONGO       0x240c
#define TT_MS_LANGID_SAMI_INARI_FINLAND 0x243b
#define TT_MS_LANGID_ARABIC_SYRIA       0x2801
#define TT_MS_LANGID_ENGLISH_BELIZE     0x2809
#define TT_MS_LANGID_SPANISH_PERU       0x280a
#define TT_MS_LANGID_FRENCH_SENEGAL     0x280c
#define TT_MS_LANGID_ARABIC_JORDAN      0x2c01
#define TT_MS_LANGID_ENGLISH_TRINIDAD   0x2c09
#define TT_MS_LANGID_SPANISH_ARGENTINA  0x2c0a
#define TT_MS_LANGID_FRENCH_CAMEROON    0x2c0c
#define TT_MS_LANGID_ARABIC_LEBANON     0x3001
#define TT_MS_LANGID_ENGLISH_ZIMBABWE   0x3009
#define TT_MS_LANGID_SPANISH_ECUADOR    0x300a
#define TT_MS_LANGID_FRENCH_COTE_D_IVOIRE       0x300c
#define TT_MS_LANGID_ARABIC_KUWAIT      0x3401
#define TT_MS_LANGID_ENGLISH_PHILIPPINES        0x3409
#define TT_MS_LANGID_SPANISH_CHILE      0x340a
#define TT_MS_LANGID_FRENCH_MALI        0x340c
#define TT_MS_LANGID_ARABIC_UAE 0x3801
#define TT_MS_LANGID_ENGLISH_INDONESIA  0x3809
#define TT_MS_LANGID_SPANISH_URUGUAY    0x380a
#define TT_MS_LANGID_FRENCH_MOROCCO     0x380c
#define TT_MS_LANGID_ARABIC_BAHRAIN     0x3c01
#define TT_MS_LANGID_ENGLISH_HONG_KONG  0x3c09
#define TT_MS_LANGID_SPANISH_PARAGUAY   0x3c0a
#define TT_MS_LANGID_FRENCH_HAITI       0x3c0c
#define TT_MS_LANGID_ARABIC_QATAR       0x4001
#define TT_MS_LANGID_ENGLISH_INDIA      0x4009
#define TT_MS_LANGID_SPANISH_BOLIVIA    0x400a
#define TT_MS_LANGID_ENGLISH_MALAYSIA   0x4409
#define TT_MS_LANGID_SPANISH_EL_SALVADOR        0x440a
#define TT_MS_LANGID_ENGLISH_SINGAPORE  0x4809
#define TT_MS_LANGID_SPANISH_HONDURAS   0x480a
#define TT_MS_LANGID_SPANISH_NICARAGUA  0x4c0a
#define TT_MS_LANGID_SPANISH_PUERTO_RICO        0x500a
#define TT_MS_LANGID_SPANISH_UNITED_STATES      0x540a
#define TT_MS_LANGID_SPANISH_LATIN_AMERICA      0xE40aU
#define TT_MS_LANGID_FRENCH_NORTH_AFRICA        0xE40cU
#define TT_ADOBE_ID_EXPERT      1
#define TT_APPLE_ID_UNICODE_1_1 1
#define TT_ISO_ID_10646 1
#define TT_MAC_ID_JAPANESE      1
#define TT_MAC_LANGID_FRENCH    1
#define TT_MS_ID_UNICODE_CS     1
#define TT_NAME_ID_FONT_FAMILY  1
#define TT_PLATFORM_MACINTOSH   1
#define TT_MAC_ID_GURMUKHI      10
#define TT_MAC_LANGID_HEBREW    10
#define TT_MS_ID_UCS_4  10
#define TT_NAME_ID_DESCRIPTION  10
#define TT_MAC_ID_GUJARATI      11
#define TT_MAC_LANGID_JAPANESE  11
#define TT_NAME_ID_VENDOR_URL   11
#define TT_MAC_ID_ORIYA 12
#define TT_MAC_LANGID_ARABIC    12
#define TT_NAME_ID_DESIGNER_URL 12
```

```
#define TT_MAC_LANGID_WELSH     128
#define TT_MAC_LANGID_BASQUE    129
#define TT_MAC_ID_BENGALI       13
#define TT_MAC_LANGID_FINNISH   13
#define TT_NAME_ID_LICENSE      13
#define TT_MAC_LANGID_CATALAN   130
#define TT_MAC_LANGID_LATIN     131
#define TT_MAC_LANGID_QUECHUA   132
#define TT_MAC_LANGID_GUARANI   133
#define TT_MAC_LANGID_AYMARA    134
#define TT_MAC_LANGID_TATAR     135
#define TT_MAC_LANGID_UIGHUR    136
#define TT_MAC_LANGID_DZONGKHA  137
#define TT_MAC_LANGID_JAVANESE  138
#define TT_MAC_LANGID_SUNDANESE 139
#define TT_MAC_ID_TAMIL 14
#define TT_MAC_LANGID_GREEK     14
#define TT_NAME_ID_LICENSE_URL  14
#define TT_MAC_LANGID_GALICIAN  140
#define TT_MAC_LANGID_AFRIKAANS 141
#define TT_MAC_LANGID_BRETON    142
#define TT_MAC_LANGID_INUKTITUT 143
#define TT_MAC_LANGID_SCOTTISH_GAELIC   144
#define TT_MAC_LANGID_MANX_GAELIC       145
#define TT_MAC_LANGID_IRISH_GAELIC      146
#define TT_MAC_LANGID_TONGAN    147
#define TT_MAC_LANGID_GREEK_POLYTONIC   148
#define TT_MAC_LANGID_GREELANDIC        149
#define TT_MAC_ID_TELUGU        15
#define TT_MAC_LANGID_ICELANDIC 15
#define TT_MAC_LANGID_AZERBAIJANI_ROMAN_SCRIPT  150
#define TT_MAC_ID_KANNADA       16
#define TT_MAC_LANGID_MALTESE   16
#define TT_NAME_ID_PREFERRED_FAMILY     16
#define TT_MAC_ID_MALAYALAM     17
#define TT_MAC_LANGID_TURKISH   17
#define TT_NAME_ID_PREFERRED_SUBFAMILY  17
#define TT_MAC_ID_SINHALESE     18
#define TT_MAC_LANGID_CROATIAN  18
#define TT_NAME_ID_MAC_FULL_NAME        18
#define TT_MAC_ID_BURMESE       19
#define TT_MAC_LANGID_CHINESE_TRADITIONAL       19
#define TT_NAME_ID_SAMPLE_TEXT  19
#define TT_ADOBE_ID_CUSTOM      2
#define TT_APPLE_ID_ISO_10646   2
#define TT_ISO_ID_8859_1        2
#define TT_MAC_ID_TRADITIONAL_CHINESE   2
#define TT_MAC_LANGID_GERMAN    2
#define TT_MS_ID_SJIS   2
#define TT_NAME_ID_FONT_SUBFAMILY       2
#define TT_PLATFORM_ISO 2
#define TT_MAC_ID_KHMER 20
#define TT_MAC_LANGID_URDU      20
#define TT_NAME_ID_CID_FINDFONT_NAME    20
#define TT_MAC_ID_THAI  21
#define TT_MAC_LANGID_HINDI     21
#define TT_MAC_ID_LAOTIAN       22
#define TT_MAC_LANGID_THAI      22
#define TT_MAC_ID_GEORGIAN      23
#define TT_MAC_LANGID_KOREAN    23
#define TT_MAC_ID_ARMENIAN      24
#define TT_MAC_LANGID_LITHUANIAN        24
#define TT_MAC_ID_MALDIVIAN     25
#define TT_MAC_ID_SIMPLIFIED_CHINESE    25
#define TT_MAC_LANGID_POLISH    25
#define TT_MAC_ID_TIBETAN       26
```

© 2008 Linux Foundation

```
#define TT_MAC_LANGID_HUNGARIAN 26
#define TT_MAC_ID_MONGOLIAN     27
#define TT_MAC_LANGID_ESTONIAN  27
#define TT_MAC_ID_GEEZ  28
#define TT_MAC_LANGID_LETTISH   28
#define TT_MAC_ID_SLAVIC        29
#define TT_MAC_LANGID_SAAMISK   29
#define TT_ADOBE_ID_LATIN_1     3
#define TT_APPLE_ID_UNICODE_2_0 3
#define TT_MAC_ID_KOREAN        3
#define TT_MAC_LANGID_ITALIAN   3
#define TT_MS_ID_GB2312 3
#define TT_NAME_ID_UNIQUE_ID    3
#define TT_PLATFORM_MICROSOFT   3
#define TT_MAC_ID_VIETNAMESE    30
#define TT_MAC_LANGID_FAEROESE  30
#define TT_MAC_ID_SINDHI        31
#define TT_MAC_LANGID_FARSI     31
#define TT_MAC_ID_UNINTERP      32
#define TT_MAC_LANGID_RUSSIAN   32
#define TT_MAC_LANGID_CHINESE_SIMPLIFIED        33
#define TT_MAC_LANGID_FLEMISH   34
#define TT_MAC_LANGID_IRISH     35
#define TT_MAC_LANGID_ALBANIAN  36
#define TT_MAC_LANGID_ROMANIAN  37
#define TT_MAC_LANGID_CZECH     38
#define TT_MAC_LANGID_SLOVAK    39
#define TT_APPLE_ID_UNICODE_32  4
#define TT_MAC_ID_ARABIC        4
#define TT_MAC_LANGID_DUTCH     4
#define TT_MS_ID_BIG_5  4
#define TT_NAME_ID_FULL_NAME    4
#define TT_PLATFORM_CUSTOM      4
#define TT_MAC_LANGID_SLOVENIAN 40
#define TT_MAC_LANGID_YIDDISH   41
#define TT_MAC_LANGID_SERBIAN   42
#define TT_MAC_LANGID_MACEDONIAN        43
#define TT_MAC_LANGID_BULGARIAN 44
#define TT_MAC_LANGID_UKRAINIAN 45
#define TT_MAC_LANGID_BYELORUSSIAN      46
#define TT_MAC_LANGID_UZBEK     47
#define TT_MAC_LANGID_KAZAKH    48
#define TT_MAC_LANGID_AZERBAIJANI       49
#define TT_MAC_LANGID_AZERBAIJANI_CYRILLIC_SCRIPT       49
#define TT_MAC_ID_HEBREW        5
#define TT_MAC_LANGID_SWEDISH   5
#define TT_MS_ID_WANSUNG        5
#define TT_NAME_ID_VERSION_STRING       5
#define TT_MAC_LANGID_AZERBAIJANI_ARABIC_SCRIPT 50
#define TT_MAC_LANGID_ARMENIAN  51
#define TT_MAC_LANGID_GEORGIAN  52
#define TT_MAC_LANGID_MOLDAVIAN 53
#define TT_MAC_LANGID_KIRGHIZ   54
#define TT_MAC_LANGID_TAJIKI    55
#define TT_MAC_LANGID_TURKMEN   56
#define TT_MAC_LANGID_MONGOLIAN 57
#define TT_MAC_LANGID_MONGOLIAN_MONGOLIAN_SCRIPT        57
#define TT_MAC_LANGID_MONGOLIAN_CYRILLIC_SCRIPT 58
#define TT_MAC_LANGID_PASHTO    59
#define TT_MAC_ID_GREEK 6
#define TT_MAC_LANGID_SPANISH   6
#define TT_MS_ID_JOHAB  6
#define TT_NAME_ID_PS_NAME      6
#define TT_MAC_LANGID_KURDISH   60
#define TT_MAC_LANGID_KASHMIRI  61
#define TT_MAC_LANGID_SINDHI    62
```

```
#define TT_MAC_LANGID_TIBETAN   63
#define TT_MAC_LANGID_NEPALI    64
#define TT_MAC_LANGID_SANSKRIT  65
#define TT_MAC_LANGID_MARATHI   66
#define TT_MAC_LANGID_BENGALI   67
#define TT_MAC_LANGID_ASSAMESE  68
#define TT_MAC_LANGID_GUJARATI  69
#define TT_MAC_ID_RUSSIAN       7
#define TT_MAC_LANGID_DANISH    7
#define TT_NAME_ID_TRADEMARK    7
#define TT_PLATFORM_ADOBE       7
#define TT_MAC_LANGID_PUNJABI   70
#define TT_MAC_LANGID_ORIYA     71
#define TT_MAC_LANGID_MALAYALAM 72
#define TT_MAC_LANGID_KANNADA   73
#define TT_MAC_LANGID_TAMIL     74
#define TT_MAC_LANGID_TELUGU    75
#define TT_MAC_LANGID_SINHALESE 76
#define TT_MAC_LANGID_BURMESE   77
#define TT_MAC_LANGID_KHMER     78
#define TT_MAC_LANGID_LAO       79
#define TT_MAC_ID_RSYMBOL       8
#define TT_MAC_LANGID_PORTUGUESE        8
#define TT_NAME_ID_MANUFACTURER 8
#define TT_MAC_LANGID_VIETNAMESE        80
#define TT_MAC_LANGID_INDONESIAN        81
#define TT_MAC_LANGID_TAGALOG   82
#define TT_MAC_LANGID_MALAY_ROMAN_SCRIPT        83
#define TT_MAC_LANGID_MALAY_ARABIC_SCRIPT       84
#define TT_MAC_LANGID_AMHARIC   85
#define TT_MAC_LANGID_TIGRINYA  86
#define TT_MAC_LANGID_GALLA     87
#define TT_MAC_LANGID_SOMALI    88
#define TT_MAC_LANGID_SWAHILI   89
#define TT_MAC_ID_DEVANAGARI    9
#define TT_MAC_LANGID_NORWEGIAN 9
#define TT_NAME_ID_DESIGNER     9
#define TT_MAC_LANGID_RUANDA    90
#define TT_MAC_LANGID_RUNDI     91
#define TT_MAC_LANGID_CHEWA     92
#define TT_MAC_LANGID_MALAGASY  93
#define TT_MAC_LANGID_ESPERANTO 94
#define                             TT_MS_LANGID_DIVEHI_MALDIVES
TT_MS_LANGID_DHIVEHI_MALDIVES
#define                              TT_MS_LANGID_TIBETAN_BHUTAN
TT_MS_LANGID_DZONGHKA_BHUTAN
#define TT_MS_LANGID_FRENCH_ZAIRE       TT_MS_LANGID_FRENCH_CONGO
#define                              TT_MS_LANGID_KASHMIRI_INDIA
TT_MS_LANGID_KASHMIRI_SASIA
#define                            TT_MS_LANGID_TIGRIGNA_ERYTREA
TT_MS_LANGID_TIGRIGNA_ERYTHREA
#define                          TT_UCR_ARABIC_PRESENTATION_FORMS_A
TT_UCR_ARABIC_PRESENTATIONS_A
#define                          TT_UCR_ARABIC_PRESENTATION_FORMS_B
TT_UCR_ARABIC_PRESENTATIONS_B
#define TT_UCR_KANBUN   TT_UCR_CJK_MISC
#define                          TT_UCR_COMBINING_DIACRITICAL_MARKS
TT_UCR_COMBINING_DIACRITICS
```

12.2.29 freetype/tttables.h

```
typedef enum {
    ft_sfnt_head = 0,
    ft_sfnt_maxp = 1,
```

```
    ft_sfnt_os2 = 2,
    ft_sfnt_hhea = 3,
    ft_sfnt_vhea = 4,
    ft_sfnt_post = 5,
    ft_sfnt_pclt = 6,
    sfnt_max = 7
} FT_Sfnt_Tag;
typedef struct TT_Header_ {
    FT_Fixed Table_Version;
    FT_Fixed Font_Revision;
    FT_Long CheckSum_Adjust;
    FT_Long Magic_Number;
    FT_UShort Flags;
    FT_UShort Units_Per_EM;
    FT_Long Created[2];
    FT_Long Modified[2];
    FT_Short xMin;
    FT_Short yMin;
    FT_Short xMax;
    FT_Short yMax;
    FT_UShort Mac_Style;
    FT_UShort Lowest_Rec_PPEM;
    FT_Short Font_Direction;
    FT_Short Index_To_Loc_Format;
    FT_Short Glyph_Data_Format;
} TT_Header;
typedef struct TT_HoriHeader_ {
    FT_Fixed Version;
    FT_Short Ascender;
    FT_Short Descender;
    FT_Short Line_Gap;
    FT_UShort advance_Width_Max;
    FT_Short min_Left_Side_Bearing;
    FT_Short min_Right_Side_Bearing;
    FT_Short xMax_Extent;
    FT_Short caret_Slope_Rise;
    FT_Short caret_Slope_Run;
    FT_Short caret_Offset;
    FT_Short Reserved[4];
    FT_Short metric_Data_Format;
    FT_UShort number_Of_HMetrics;
    void *long_metrics;
    void *short_metrics;
} TT_HoriHeader;
typedef struct TT_VertHeader_ {
    FT_Fixed Version;
    FT_Short Ascender;
    FT_Short Descender;
    FT_Short Line_Gap;
    FT_UShort advance_Height_Max;
    FT_Short min_Top_Side_Bearing;
    FT_Short min_Bottom_Side_Bearing;
    FT_Short yMax_Extent;
    FT_Short caret_Slope_Rise;
    FT_Short caret_Slope_Run;
    FT_Short caret_Offset;
    FT_Short Reserved[4];
    FT_Short metric_Data_Format;
    FT_UShort number_Of_VMetrics;
    void *long_metrics;
    void *short_metrics;
} TT_VertHeader;
typedef struct TT_OS2_ {
    FT_UShort version;
    FT_Short xAvgCharWidth;
    FT_UShort usWeightClass;
```

```
    FT_UShort usWidthClass;
    FT_Short fsType;
    FT_Short ySubscriptXSize;
    FT_Short ySubscriptYSize;
    FT_Short ySubscriptXOffset;
    FT_Short ySubscriptYOffset;
    FT_Short ySuperscriptXSize;
    FT_Short ySuperscriptYSize;
    FT_Short ySuperscriptXOffset;
    FT_Short ySuperscriptYOffset;
    FT_Short yStrikeoutSize;
    FT_Short yStrikeoutPosition;
    FT_Short sFamilyClass;
    FT_Byte panose[10];
    FT_ULong ulUnicodeRange1;
    FT_ULong ulUnicodeRange2;
    FT_ULong ulUnicodeRange3;
    FT_ULong ulUnicodeRange4;
    FT_Char achVendID[4];
    FT_UShort fsSelection;
    FT_UShort usFirstCharIndex;
    FT_UShort usLastCharIndex;
    FT_Short sTypoAscender;
    FT_Short sTypoDescender;
    FT_Short sTypoLineGap;
    FT_UShort usWinAscent;
    FT_UShort usWinDescent;
    FT_ULong ulCodePageRange1;
    FT_ULong ulCodePageRange2;
    FT_Short sxHeight;
    FT_Short sCapHeight;
    FT_UShort usDefaultChar;
    FT_UShort usBreakChar;
    FT_UShort usMaxContext;
} TT_OS2;
typedef struct TT_Postscript_ {
    FT_Fixed FormatType;
    FT_Fixed italicAngle;
    FT_Short underlinePosition;
    FT_Short underlineThickness;
    FT_ULong isFixedPitch;
    FT_ULong minMemType42;
    FT_ULong maxMemType42;
    FT_ULong minMemType1;
    FT_ULong maxMemType1;
} TT_Postscript;
typedef struct TT_PCLT_ {
    FT_Fixed Version;
    FT_ULong FontNumber;
    FT_UShort Pitch;
    FT_UShort xHeight;
    FT_UShort Style;
    FT_UShort TypeFamily;
    FT_UShort CapHeight;
    FT_UShort SymbolSet;
    FT_Char TypeFace[16];
    FT_Char CharacterComplement[8];
    FT_Char FileName[6];
    FT_Char StrokeWeight;
    FT_Char WidthType;
    FT_Byte SerifStyle;
    FT_Byte Reserved;
} TT_PCLT;
typedef struct TT_MaxProfile_ {
    FT_Fixed version;
    FT_UShort numGlyphs;
```

© 2008 Linux Foundation

```
    FT_UShort maxPoints;
    FT_UShort maxContours;
    FT_UShort maxCompositePoints;
    FT_UShort maxCompositeContours;
    FT_UShort maxZones;
    FT_UShort maxTwilightPoints;
    FT_UShort maxStorage;
    FT_UShort maxFunctionDefs;
    FT_UShort maxInstructionDefs;
    FT_UShort maxStackElements;
    FT_UShort maxSizeOfInstructions;
    FT_UShort maxComponentElements;
    FT_UShort maxComponentDepth;
} TT_MaxProfile;
extern FT_ULong FT_Get_CMap_Language_ID(FT_CharMap);
extern void *FT_Get_Sfnt_Table(FT_Face, FT_Sfnt_Tag);
extern  FT_Error  FT_Load_Sfnt_Table(FT_Face,  FT_ULong,  FT_Long,
FT_Byte *,
                                     FT_ULong *);
extern FT_Error FT_Sfnt_Table_Info(FT_Face, FT_UInt, FT_ULong *,
                                     FT_ULong *);
```

12.2.30 freetype/tttags.h

```
#define TTAG_avar       FT_MAKE_TAG( 'a', 'v', 'a', 'r' )
#define TTAG_BASE       FT_MAKE_TAG( 'B', 'A', 'S', 'E' )
#define TTAG_bdat       FT_MAKE_TAG( 'b', 'd', 'a', 't' )
#define TTAG_bhed       FT_MAKE_TAG( 'b', 'h', 'e', 'd' )
#define TTAG_bloc       FT_MAKE_TAG( 'b', 'l', 'o', 'c' )
#define TTAG_CFF        FT_MAKE_TAG( 'C', 'F', 'F', ' ' )
#define TTAG_cmap       FT_MAKE_TAG( 'c', 'm', 'a', 'p' )
#define TTAG_cvar       FT_MAKE_TAG( 'c', 'v', 'a', 'r' )
#define TTAG_cvt        FT_MAKE_TAG( 'c', 'v', 't', ' ' )
#define TTAG_DSIG       FT_MAKE_TAG( 'D', 'S', 'I', 'G' )
#define TTAG_EBDT       FT_MAKE_TAG( 'E', 'B', 'D', 'T' )
#define TTAG_EBLC       FT_MAKE_TAG( 'E', 'B', 'L', 'C' )
#define TTAG_EBSC       FT_MAKE_TAG( 'E', 'B', 'S', 'C' )
#define TTAG_fpgm       FT_MAKE_TAG( 'f', 'p', 'g', 'm' )
#define TTAG_fvar       FT_MAKE_TAG( 'f', 'v', 'a', 'r' )
#define TTAG_gasp       FT_MAKE_TAG( 'g', 'a', 's', 'p' )
#define TTAG_GDEF       FT_MAKE_TAG( 'G', 'D', 'E', 'F' )
#define TTAG_glyf       FT_MAKE_TAG( 'g', 'l', 'y', 'f' )
#define TTAG_GPOS       FT_MAKE_TAG( 'G', 'P', 'O', 'S' )
#define TTAG_GSUB       FT_MAKE_TAG( 'G', 'S', 'U', 'B' )
#define TTAG_gvar       FT_MAKE_TAG( 'g', 'v', 'a', 'r' )
#define TTAG_hdmx       FT_MAKE_TAG( 'h', 'd', 'm', 'x' )
#define TTAG_head       FT_MAKE_TAG( 'h', 'e', 'a', 'd' )
#define TTAG_hhea       FT_MAKE_TAG( 'h', 'h', 'e', 'a' )
#define TTAG_hmtx       FT_MAKE_TAG( 'h', 'm', 't', 'x' )
#define TTAG_JSTF       FT_MAKE_TAG( 'J', 'S', 'T', 'F' )
#define TTAG_kern       FT_MAKE_TAG( 'k', 'e', 'r', 'n' )
#define TTAG_loca       FT_MAKE_TAG( 'l', 'o', 'c', 'a' )
#define TTAG_LTSH       FT_MAKE_TAG( 'L', 'T', 'S', 'H' )
#define TTAG_maxp       FT_MAKE_TAG( 'm', 'a', 'x', 'p' )
#define TTAG_MMFX       FT_MAKE_TAG( 'M', 'M', 'F', 'X' )
#define TTAG_MMSD       FT_MAKE_TAG( 'M', 'M', 'S', 'D' )
#define TTAG_name       FT_MAKE_TAG( 'n', 'a', 'm', 'e' )
#define TTAG_OS2        FT_MAKE_TAG( 'O', 'S', '/', '2' )
#define TTAG_OTTO       FT_MAKE_TAG( 'O', 'T', 'T', 'O' )
#define TTAG_PCLT       FT_MAKE_TAG( 'P', 'C', 'L', 'T' )
#define TTAG_post       FT_MAKE_TAG( 'p', 'o', 's', 't' )
#define TTAG_prep       FT_MAKE_TAG( 'p', 'r', 'e', 'p' )
#define TTAG_true       FT_MAKE_TAG( 't', 'r', 'u', 'e' )
#define TTAG_ttc        FT_MAKE_TAG( 't', 't', 'c', ' ' )
```

```
#define TTAG_ttcf       FT_MAKE_TAG( 't', 't', 'c', 'f' )
#define TTAG_VDMX       FT_MAKE_TAG( 'V', 'D', 'M', 'X' )
#define TTAG_vhea       FT_MAKE_TAG( 'v', 'h', 'e', 'a' )
#define TTAG_vmtx       FT_MAKE_TAG( 'v', 'm', 't', 'x' )
```

12.2.31 freetype/ttunpat.h

```
#define  FT_PARAM_TAG_UNPATENTED_HINTING  FT_MAKE_TAG(  'u',  'n',
'p', 'a' )
```

12.3 Interface Definitions for libfreetype

The interfaces defined on the following pages are included in libfreetype and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 12.1 shall behave as described in the referenced base document.

FT_Get_X11_Font_Format

Name

`FT_Get_X11_Font_Format` — Get font format

Synopsis

```
#include <freetype/ftxf86.h>
const char *FT_Get_X11_Font_Format(FT_Face face);
```

Description

The `FT_Get_X11_Font_Format()` function can be used to return a string describing the format of the font face referenced by *`face`*.

Note that this information is not needed normally; however, there are special cases (like in PDF devices) where it is important to differentiate, in spite of FreeType's uniform API.

Return Value

The `FT_Get_X11_Font_FormaFT_Get_X11_Font_Format()` function returns return a string describing the format of a given face, using values which can be used as an `X11 FONT_PROPERTY`. Possible values are TrueType, Type 1, BDF, PCF, Type 42, CID Type 1, CFF, PFR, and Windows FNT. In case of an error, `NULL` is returned.

VIII Xft library

13 Libraries

13.1 Interfaces for libXft

Table 13-1 defines the library name and shared object name for the libXft library

Table 13-1 libXft Definition

Library:	libXft
SONAME:	libXft.so.2

The behavior of the interfaces in this library is specified by the following specifications:
[LSB] This Specification

13.1.1 X FreeType Library

13.1.1.1 Interfaces for X FreeType Library

An LSB conforming implementation shall provide the generic functions for X FreeType Library specified in Table 13-2, with the full mandatory functionality as described in the referenced underlying specification.

Table 13-2 libXft - X FreeType Library Function Interfaces

XftCharExists [LSB]	XftCharFontSpecRender [LSB]	XftCharIndex [LSB]
XftCharSpecRender [LSB]	XftColorAllocName [LSB]	XftColorAllocValue [LSB]
XftColorFree [LSB]	XftDefaultHasRender [LSB]	XftDefaultSet [LSB]
XftDefaultSubstitute [LSB]	XftDrawChange [LSB]	XftDrawCharFontSpec [LSB]
XftDrawCharSpec [LSB]	XftDrawColormap [LSB]	XftDrawCreate [LSB]
XftDrawCreateAlpha [LSB]	XftDrawCreateBitmap [LSB]	XftDrawDestroy [LSB]
XftDrawDisplay [LSB]	XftDrawDrawable [LSB]	XftDrawGlyphFontSpec [LSB]
XftDrawGlyphSpec [LSB]	XftDrawGlyphs [LSB]	XftDrawPicture [LSB]
XftDrawRect [LSB]	XftDrawSetClip [LSB]	XftDrawSetClipRectangles [LSB]
XftDrawSetSubwindowMode [LSB]	XftDrawSrcPicture [LSB]	XftDrawString16 [LSB]
XftDrawString32 [LSB]	XftDrawString8 [LSB]	XftDrawStringUtf16 [LSB]
XftDrawStringUtf8 [LSB]	XftDrawVisual [LSB]	XftFontCheckGlyph [LSB]
XftFontClose [LSB]	XftFontCopy [LSB]	XftFontInfoCreate

		[LSB]
XftFontInfoDestroy [LSB]	XftFontInfoEqual [LSB]	XftFontInfoHash [LSB]
XftFontLoadGlyphs [LSB]	XftFontMatch [LSB]	XftFontOpen [LSB]
XftFontOpenInfo [LSB]	XftFontOpenName [LSB]	XftFontOpenPattern [LSB]
XftFontOpenXlfd [LSB]	XftFontUnloadGlyphs [LSB]	XftGetVersion [LSB]
XftGlyphExtents [LSB]	XftGlyphFontSpecRender [LSB]	XftGlyphRender [LSB]
XftGlyphSpecRender [LSB]	XftInit [LSB]	XftInitFtLibrary [LSB]
XftListFonts [LSB]	XftLockFace [LSB]	XftNameParse [LSB]
XftTextExtents16 [LSB]	XftTextExtents32 [LSB]	XftTextExtents8 [LSB]
XftTextExtentsUtf16 [LSB]	XftTextExtentsUtf8 [LSB]	XftTextRender16 [LSB]
XftTextRender16BE [LSB]	XftTextRender16LE [LSB]	XftTextRender32 [LSB]
XftTextRender32BE [LSB]	XftTextRender32LE [LSB]	XftTextRender8 [LSB]
XftTextRenderUtf16 [LSB]	XftTextRenderUtf8 [LSB]	XftUnlockFace [LSB]
XftXlfdParse [LSB]		

13.2 Data Definitions for libXft

This section defines global identifiers and their values that are associated with interfaces contained in libXft. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

13.2.1 X11/Xft/Xft.h

```
#define _XFT_H_
#define XFT_VERSION      \
                ((XFT_MAJOR  *  10000)  +  (XFT_MINOR  *  100)  +
(XFT_REVISION))
```

 © 2008 Linux Foundation

```
#define XFT_CORE        "core"
#define XFT_MAX_GLYPH_MEMORY    "maxglyphmemory"
#define XFT_MAX_UNREF_FONTS     "maxunreffonts"
#define XFT_RENDER      "render"
#define XFT_XLFD        "xlfd"
#define XFT_MINOR       1
#define XFT_MAJOR       2
#define XFT_NMISSING    256
#define XFT_REVISION    8
#define XftVersion      XFT_VERSION

typedef struct _XftDraw XftDraw;
typedef struct _XftColor {
    unsigned long int pixel;
    XRenderColor color;
} XftColor;
typedef struct _XftFont {
    int ascent;
    int descent;
    int height;
    int max_advance_width;
    FcCharSet *charset;
    FcPattern **pattern;
} XftFont;
typedef struct _XftGlyphSpec {
    FT_UInt glyph;
    short x;
    short y;
} XftGlyphSpec;
typedef struct _XftCharSpec {
    FcChar32 ucs4;
    short x;
    short y;
} XftCharSpec;
typedef struct _XftFtFile XftFtFile;
typedef struct _XftFontInfo XftFontInfo;
typedef struct _XftCharFontSpec {
    XftFont *font;
    FcChar32 ucs4;
    short x;
    short y;
} XftCharFontSpec;
typedef struct _XftGlyphFontSpec {
    XftFont *font;
    FT_UInt glyph;
    short x;
    short y;
} XftGlyphFontSpec;
extern FcBool XftCharExists(Display *, XftFont *, FcChar32);
extern  void  XftCharFontSpecRender(Display  *,  int,  Picture,
Picture, int,
                                    int, const XftCharFontSpec *,
int);
extern FT_UInt XftCharIndex(Display *, XftFont *, FcChar32);
extern void XftCharSpecRender(Display *, int, Picture, XftFont *,
Picture,
                                   int, int, const XftCharSpec *,
int);
extern int XftColorAllocName(Display *, const Visual *, Colormap,
                             const char *, XftColor *);
extern int XftColorAllocValue(Display *, Visual *, Colormap,
                              const XRenderColor *, XftColor *);
extern void XftColorFree(Display *, Visual *, Colormap, XftColor
*);
extern int XftDefaultHasRender(Display *);
extern int XftDefaultSet(Display *, FcPattern *);
```

```
extern void XftDefaultSubstitute(Display *, int, FcPattern *);
extern void XftDrawChange(XftDraw *, Drawable);
extern void XftDrawCharFontSpec(XftDraw *, const XftColor *,
                                const XftCharFontSpec *, int);
extern void XftDrawCharSpec(XftDraw *, const XftColor *, XftFont
*,
                            const XftCharSpec *, int);
extern Colormap XftDrawColormap(XftDraw *);
extern  XftDraw  *XftDrawCreate(Display  *,  Drawable,  Visual  *,
Colormap);
extern XftDraw *XftDrawCreateAlpha(Display *, Pixmap, int);
extern XftDraw *XftDrawCreateBitmap(Display *, Pixmap);
extern void XftDrawDestroy(XftDraw *);
extern Display *XftDrawDisplay(XftDraw *);
extern Drawable XftDrawDrawable(XftDraw *);
extern void XftDrawGlyphFontSpec(XftDraw *, const XftColor *,
                                 const XftGlyphFontSpec *, int);
extern void XftDrawGlyphSpec(XftDraw *, const XftColor *, XftFont
*,
                             const XftGlyphSpec *, int);
extern void XftDrawGlyphs(XftDraw *, const XftColor *, XftFont *,
int, int,
                          const FT_UInt *, int);
extern Picture XftDrawPicture(XftDraw *);
extern void XftDrawRect(XftDraw *, const XftColor *, int, int,
                        unsigned int, unsigned int);
extern int XftDrawSetClip(XftDraw *, Region);
extern int XftDrawSetClipRectangles(XftDraw *, int, int,
                                    const XRectangle *, int);
extern void XftDrawSetSubwindowMode(XftDraw *, int);
extern Picture XftDrawSrcPicture(XftDraw *, const XftColor *);
extern void XftDrawString16(XftDraw *, const XftColor *, XftFont
*, int,
                            int, const FcChar16 *, int);
extern void XftDrawString32(XftDraw *, const XftColor *, XftFont
*, int,
                            int, const FcChar32 *, int);
extern void XftDrawString8(XftDraw *, const XftColor *, XftFont
*, int,
                           int, const FcChar8 *, int);
extern  void  XftDrawStringUtf16(XftDraw  *,  const  XftColor  *,
XftFont *, int,
                                 int, const FcChar8 *, FcEndian,
int);
extern  void  XftDrawStringUtf8(XftDraw  *,  const  XftColor  *,
XftFont *, int,
                                int, const FcChar8 *, int);
extern Visual *XftDrawVisual(XftDraw *);
extern  FcBool  XftFontCheckGlyph(Display  *,  XftFont  *,  FcBool,
FT_UInt,
                                  FT_UInt *, int *);
extern void XftFontClose(Display *, XftFont *);
extern XftFont *XftFontCopy(Display *, XftFont *);
extern XftFontInfo *XftFontInfoCreate(Display *, const FcPattern
*);
extern void XftFontInfoDestroy(Display *, XftFontInfo *);
extern   FcBool   XftFontInfoEqual(const   XftFontInfo   *,   const
XftFontInfo *);
extern FcChar32 XftFontInfoHash(const XftFontInfo *);
extern void XftFontLoadGlyphs(Display *, XftFont *, FcBool,
                              const FT_UInt *, int);
extern FcPattern *XftFontMatch(Display *, int, const FcPattern *,
                               FcResult *);
extern XftFont *XftFontOpen(Display *, int, ...);
extern   XftFont   *XftFontOpenInfo(Display   *,   FcPattern   *,
XftFontInfo *);
```

 © 2008 Linux Foundation

```
extern XftFont *XftFontOpenName(Display *, int, const char *);
extern XftFont *XftFontOpenPattern(Display *, FcPattern *);
extern XftFont *XftFontOpenXlfd(Display *, int, const char *);
extern void XftFontUnloadGlyphs(Display *, XftFont *, const
FT_UInt *,
                                int);
extern int XftGetVersion(void);
extern void XftGlyphExtents(Display *, XftFont *, const FT_UInt
*, int,
                            XGlyphInfo *);
extern void XftGlyphFontSpecRender(Display *, int, Picture,
Picture, int,
                                   int, const XftGlyphFontSpec *,
int);
extern void XftGlyphRender(Display *, int, Picture, XftFont *,
Picture,
                           int, int, int, int, const FT_UInt *,
int);
extern void XftGlyphSpecRender(Display *, int, Picture, XftFont
*, Picture,
                               int, int, const XftGlyphSpec *,
int);
extern int XftInit(const char *);
extern FcBool XftInitFtLibrary(void);
extern FcFontSet *XftListFonts(Display *, int, ...);
extern FT_Face XftLockFace(XftFont *);
extern FcPattern *XftNameParse(const char *);
extern void XftTextExtents16(Display *, XftFont *, const FcChar16
*, int,
                             XGlyphInfo *);
extern void XftTextExtents32(Display *, XftFont *, const FcChar32
*, int,
                             XGlyphInfo *);
extern void XftTextExtents8(Display *, XftFont *, const FcChar8
*, int,
                            XGlyphInfo *);
extern void XftTextExtentsUtf16(Display *, XftFont *, const
FcChar8 *,
                                FcEndian, int, XGlyphInfo *);
extern void XftTextExtentsUtf8(Display *, XftFont *, const
FcChar8 *, int,
                               XGlyphInfo *);
extern void XftTextRender16(Display *, int, Picture, XftFont *,
Picture,
                            int, int, int, int, const FcChar16 *,
int);
extern void XftTextRender16BE(Display *, int, Picture, XftFont *,
Picture,
                              int, int, int, int, const FcChar8
*, int);
extern void XftTextRender16LE(Display *, int, Picture, XftFont *,
Picture,
                              int, int, int, int, const FcChar8
*, int);
extern void XftTextRender32(Display *, int, Picture, XftFont *,
Picture,
                            int, int, int, int, const FcChar32 *,
int);
extern void XftTextRender32BE(Display *, int, Picture, XftFont *,
Picture,
                              int, int, int, int, const FcChar8
*, int);
extern void XftTextRender32LE(Display *, int, Picture, XftFont *,
Picture,
                              int, int, int, int, const FcChar8
*, int);
```

```
extern void XftTextRender8(Display *, int, Picture, XftFont *,
Picture,
                           int, int, int, int, const FcChar8 *,
int);
extern void XftTextRenderUtf16(Display *, int, Picture, XftFont
*, Picture,
                              int, int, int, int, const FcChar8
*,
                            FcEndian, int);
extern void XftTextRenderUtf8(Display *, int, Picture, XftFont *,
Picture,
                              int, int, int, int, const FcChar8
*, int);
extern void XftUnlockFace(XftFont *);
extern FcPattern *XftXlfdParse(const char *, FcBool, FcBool);
```

13.3 Interface Definitions for libXft

The interfaces defined on the following pages are included in libXft and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 13.1 shall behave as described in the referenced base document.

 © 2008 Linux Foundation

IX Xrender library

14 Libraries

14.1 Interfaces for libXrender

Table 14-1 defines the library name and shared object name for the libXrender library

Table 14-1 libXrender Definition

Library:	libXrender
SONAME:	libXrender.so.1

The behavior of the interfaces in this library is specified by the following specifications:
[LSB] This Specification

14.1.1 X Rendering Extension

14.1.1.1 Interfaces for X Rendering Extension

An LSB conforming implementation shall provide the generic functions for X Rendering Extension specified in Table 14-2, with the full mandatory functionality as described in the referenced underlying specification.

Table 14-2 libXrender - X Rendering Extension Function Interfaces

XRenderAddGlyphs [LSB]	XRenderAddTraps [LSB]	XRenderChangePicture [LSB]
XRenderComposite [LSB]	XRenderCompositeDoublePoly [LSB]	XRenderCompositeString16 [LSB]
XRenderCompositeString32 [LSB]	XRenderCompositeString8 [LSB]	XRenderCompositeText16 [LSB]
XRenderCompositeText32 [LSB]	XRenderCompositeText8 [LSB]	XRenderCompositeTrapezoids [LSB]
XRenderCompositeTriFan [LSB]	XRenderCompositeTriStrip [LSB]	XRenderCompositeTriangles [LSB]
XRenderCreateAnimCursor [LSB]	XRenderCreateConicalGradient [LSB]	XRenderCreateCursor [LSB]
XRenderCreateGlyphSet [LSB]	XRenderCreateLinearGradient [LSB]	XRenderCreatePicture [LSB]
XRenderCreateRadialGradient [LSB]	XRenderCreateSolidFill [LSB]	XRenderFillRectangle [LSB]
XRenderFillRectangles [LSB]	XRenderFindFormat [LSB]	XRenderFindStandardFormat [LSB]
XRenderFindVisualFormat [LSB]	XRenderFreeGlyphSet [LSB]	XRenderFreeGlyphs [LSB]
XRenderFreePicture [LSB]	XRenderParseColor [LSB]	XRenderQueryExtension [LSB]
XRenderQueryFilters [LSB]	XRenderQueryFormats [LSB]	XRenderQueryPictIndexValues [LSB]

XRenderQuerySubpixelOrder [LSB]	XRenderQueryVersion [LSB]	XRenderReferenceGlyphSet [LSB]
XRenderSetPictureClipRectangles [LSB]	XRenderSetPictureClipRegion [LSB]	XRenderSetPictureFilter [LSB]
XRenderSetPictureTransform [LSB]	XRenderSetSubpixelOrder [LSB]	

14.2 Data Definitions for libXrender

This section defines global identifiers and their values that are associated with interfaces contained in libXrender. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

14.2.1 X11/extensions/Xrender.h

```
#define XFixedToDouble(f)       (((XDouble) (f)) / 65536)
#define XDoubleToFixed(f)       ((XFixed) ((f) * 65536))
#define PictFormatID    (1 << 0)
#define PictFormatType  (1 << 1)
#define PictFormatAlphaMask     (1 << 10)
#define PictFormatColormap      (1 << 11)
#define PictFormatDepth (1 << 2)
#define PictFormatRed   (1 << 3)
#define PictFormatRedMask       (1 << 4)
#define PictFormatGreen (1 << 5)
#define PictFormatGreenMask     (1 << 6)
#define PictFormatBlue  (1 << 7)
#define PictFormatBlueMask      (1 << 8)
#define PictFormatAlpha (1 << 9)
#define PictStandardARGB32      0
#define PictStandardRGB24       1
#define PictStandardA8  2
#define PictStandardA4  3
#define PictStandardA1  4
#define PictStandardNUM 5

typedef long unsigned int GlyphSet;
typedef int XFixed;
typedef struct _XPointFixed {
    XFixed x;
    XFixed y;
} XPointFixed;
typedef struct _XCircle {
    XFixed x;
    XFixed y;
    XFixed radius;
```

```
} XCircle;
typedef double XDouble;
typedef struct _XSpanFix {
    XFixed left;
    XFixed right;
    XFixed y;
} XSpanFix;
typedef struct _XLineFixed {
    XPointFixed p1;
    XPointFixed p2;
} XLineFixed;

typedef struct _XTrapezoid {
    XFixed top;
    XFixed bottom;
    XLineFixed left;
    XLineFixed right;
} XTrapezoid;
typedef struct {
    unsigned short red;
    unsigned short green;
    unsigned short blue;
    unsigned short alpha;
} XRenderColor;
typedef long unsigned int Glyph;
typedef long unsigned int PictFormat;
typedef struct {
    short red;
    short redMask;
    short green;
    short greenMask;
    short blue;
    short blueMask;
    short alpha;
    short alphaMask;
} XRenderDirectFormat;
typedef struct {
    PictFormat id;
    int type;
    int depth;
    XRenderDirectFormat direct;
    Colormap colormap;
} XRenderPictFormat;
typedef struct _XGlyphInfo {
    unsigned short width;
    unsigned short height;
    short x;
    short y;
    short xOff;
    short yOff;
} XGlyphInfo;
typedef struct _XFilters {
    int nfilter;
    char **filter;
    int nalias;
    short int *alias;
} XFilters;
typedef struct _XTransform {
    XFixed matrix[3][3];
} XTransform;
typedef struct _XAnimCursor {
    Cursor cursor;
    long unsigned int delay;
} XAnimCursor;
typedef struct _XRadialGradient {
    XCircle inner;
```

```
    XCircle outer;
} XRadialGradient;
typedef struct _XGlyphElt32 {
    GlyphSet glyphset;
    const unsigned int *chars;
    int nchars;
    int xOff;
    int yOff;
} XGlyphElt32;
typedef struct _XGlyphElt8 {
    GlyphSet glyphset;
    const char *chars;
    int nchars;
    int xOff;
    int yOff;
} XGlyphElt8;
typedef struct _XConicalGradient {
    XPointFixed center;
    XFixed angle;
} XConicalGradient;
typedef struct _XLinearGradient {
    XPointFixed p1;
    XPointFixed p2;
} XLinearGradient;
typedef struct _XPointDouble {
    XDouble x;
    XDouble y;
} XPointDouble;
typedef struct _XRenderPictureAttributes {
    int repeat;
    Picture alpha_map;
    int alpha_x_origin;
    int alpha_y_origin;
    int clip_x_origin;
    int clip_y_origin;
    Pixmap clip_mask;
    int graphics_exposures;
    int subwindow_mode;
    int poly_edge;
    int poly_mode;
    Atom dither;
    int component_alpha;
} XRenderPictureAttributes;
typedef struct _XTrap {
    XSpanFix top;
    XSpanFix bottom;
} XTrap;
typedef struct _XIndexValue {
    long unsigned int pixel;
    unsigned short red;
    unsigned short green;
    unsigned short blue;
    unsigned short alpha;
} XIndexValue;
typedef struct _XGlyphElt16 {
    GlyphSet glyphset;
    const short unsigned int *chars;
    int nchars;
    int xOff;
    int yOff;
} XGlyphElt16;
typedef struct _XTriangle {
    XPointFixed p1;
    XPointFixed p2;
    XPointFixed p3;
} XTriangle;
```

© 2008 Linux Foundation

```
extern void XRenderAddGlyphs(Display * dpy, GlyphSet glyphset,
                             const Glyph * gids, const XGlyphInfo
* glyphs,
                            int nglyphs, const char *images,
                            int nbyte_images);
extern void XRenderAddTraps(Display * dpy, Picture picture, int
xOff,
                              int yOff, const XTrap * traps, int
ntrap);
extern void XRenderChangePicture(Display * dpy, Picture picture,
                                 long unsigned int valuemask,
                                 const XRenderPictureAttributes *
                                 attributes);
extern void XRenderComposite(Display * dpy, int op, Picture src,
                                Picture mask, Picture dst, int
src_x,
                              int src_y, int mask_x, int mask_y,
int dst_x,
                            int dst_y, unsigned int width,
                            unsigned int height);
extern void XRenderCompositeDoublePoly(Display * dpy, int op,
Picture src,
                                       Picture dst,
                                       const XRenderPictFormat *
                                        maskFormat, int xSrc, int
ySrc,
                                       int xDst, int yDst,
                                             const XPointDouble *
fpoints,
                                       int npoints, int winding);
extern void XRenderCompositeString16(Display * dpy, int op,
Picture src,
                                     Picture dst,
                                        const XRenderPictFormat *
maskFormat,
                                      GlyphSet glyphset, int xSrc,
int ySrc,
                                     int xDst, int yDst,
                                         const short unsigned int
*string,
                                     int nchar);
extern void XRenderCompositeString32(Display * dpy, int op,
Picture src,
                                     Picture dst,
                                        const XRenderPictFormat *
maskFormat,
                                      GlyphSet glyphset, int xSrc,
int ySrc,
                                     int xDst, int yDst,
                                     const unsigned int *string,
                                     int nchar);
extern void XRenderCompositeString8(Display * dpy, int op,
Picture src,
                                    Picture dst,
                                        const XRenderPictFormat *
maskFormat,
                                     GlyphSet glyphset, int xSrc,
int ySrc,
                                        int xDst, int yDst, const
char *string,
                                    int nchar);
extern void XRenderCompositeText16(Display * dpy, int op, Picture
src,
                                   Picture dst,
                                        const XRenderPictFormat *
maskFormat,
```

```
                                    int xSrc, int ySrc, int xDst,
int yDst,
                                    const XGlyphElt16 * elts, int
nelt);
extern void XRenderCompositeText32(Display * dpy, int op, Picture
src,
                                   Picture dst,
                                        const XRenderPictFormat *
maskFormat,
                                    int xSrc, int ySrc, int xDst,
int yDst,
                                    const XGlyphElt32 * elts, int
nelt);
extern void XRenderCompositeText8(Display * dpy, int op, Picture
src,
                                  Picture dst,
                                       const XRenderPictFormat *
maskFormat,
                                    int xSrc, int ySrc, int xDst,
int yDst,
                                     const XGlyphElt8 * elts, int
nelt);
extern void XRenderCompositeTrapezoids(Display * dpy, int op,
Picture src,
                                       Picture dst,
                                       const XRenderPictFormat *
                                        maskFormat, int xSrc, int
ySrc,
                                       const XTrapezoid * traps,
                                       int ntrap);
extern void XRenderCompositeTriFan(Display * dpy, int op, Picture
src,
                                   Picture dst,
                                        const XRenderPictFormat *
maskFormat,
                                   int xSrc, int ySrc,
                                      const XPointFixed * points,
int npoint);
extern void XRenderCompositeTriStrip(Display * dpy, int op,
Picture src,
                                     Picture dst,
                                        const XRenderPictFormat *
maskFormat,
                                     int xSrc, int ySrc,
                                     const XPointFixed * points,
                                     int npoint);
extern void XRenderCompositeTriangles(Display * dpy, int op,
Picture src,
                                      Picture dst,
                                        const XRenderPictFormat *
maskFormat,
                                      int xSrc, int ySrc,
                                                const XTriangle *
triangles,
                                      int ntriangle);
extern Cursor XRenderCreateAnimCursor(Display * dpy, int ncursor,
                                      XAnimCursor * cursors);
extern Picture XRenderCreateConicalGradient(Display * dpy,
                                                                const
XConicalGradient *
                                                    gradient, const
XFixed * stops,
                                                 const XRenderColor *
colors,
                                               int nstops);
extern Cursor XRenderCreateCursor(Display * dpy, Picture source,
```

```
                                        unsigned int x, unsigned int
y);
extern GlyphSet XRenderCreateGlyphSet(Display * dpy,
                                      const XRenderPictFormat *
format);
extern Picture XRenderCreateLinearGradient(Display * dpy,
                                           const XLinearGradient
*
                                          gradient, const XFixed
* stops,
                                            const XRenderColor *
colors,
                                          int nstops);
extern  Picture  XRenderCreatePicture(Display  *  dpy,  Drawable
drawable,
                                      const XRenderPictFormat *
format,
                                    long unsigned int valuemask,
                                                          const
XRenderPictureAttributes *
                                    attributes);
extern Picture XRenderCreateRadialGradient(Display * dpy,
                                           const XRadialGradient
*
                                          gradient, const XFixed
* stops,
                                            const XRenderColor *
colors,
                                          int nstops);
extern Picture XRenderCreateSolidFill(Display * dpy,
                                      const XRenderColor *
color);
extern void XRenderFillRectangle(Display * dpy, int op, Picture
dst,
                                 const XRenderColor * color, int
x, int y,
                                unsigned int width, unsigned int
height);
extern void XRenderFillRectangles(Display * dpy, int op, Picture
dst,
                                  const XRenderColor * color,
                                  const XRectangle * rectangles,
                                  int n_rects);
extern XRenderPictFormat *XRenderFindFormat(Display * dpy,
                                            long unsigned int
mask,
                                                          const
XRenderPictFormat *
                                           templ, int count);
extern  XRenderPictFormat  *XRenderFindStandardFormat(Display  *
dpy,
                                                       int format);
extern XRenderPictFormat *XRenderFindVisualFormat(Display * dpy,
                                                  const Visual *
visual);
extern  void  XRenderFreeGlyphSet(Display  *  dpy,  GlyphSet
glyphset);
extern void XRenderFreeGlyphs(Display * dpy, GlyphSet glyphset,
                              const Glyph * gids, int nglyphs);
extern void XRenderFreePicture(Display * dpy, Picture picture);
extern int XRenderParseColor(Display * dpy, char *spec,
                             XRenderColor * def);
extern int XRenderQueryExtension(Display * dpy, int *event_basep,
                                 int *error_basep);
extern  XFilters  *XRenderQueryFilters(Display  *  dpy,  Drawable
drawable);
```

```
extern int XRenderQueryFormats(Display * dpy);
extern XIndexValue *XRenderQueryPictIndexValues(Display * dpy,
                                                const
XRenderPictFormat *
                                                format, int
*num);
extern int XRenderQuerySubpixelOrder(Display * dpy, int screen);
extern    int    XRenderQueryVersion(Display    *    dpy,    int
*major_versionp,
                                int *minor_versionp);
extern GlyphSet XRenderReferenceGlyphSet(Display * dpy, GlyphSet
existing);
extern   void   XRenderSetPictureClipRectangles(Display   *   dpy,
Picture picture,
                                                int xOrigin, int
yOrigin,
                                                const XRectangle *
rects,
                                                int n);
extern  void  XRenderSetPictureClipRegion(Display  *  dpy,  Picture
picture,
                                          Region r);
extern  void  XRenderSetPictureTransform(Display  *  dpy,  Picture
picture,
                                         XTransform * transform);
extern int XRenderSetSubpixelOrder(Display * dpy, int screen,
                                   int subpixel);
```

14.2.2 X11/extensions/render.h

```
#define FilterBest      "best"
#define FilterBilinear  "bilinear"
#define FilterConvolution       "convolution"
#define FilterFast      "fast"
#define FilterGood      "good"
#define FilterNearest   "nearest"
#define RENDER_NAME     "RENDER"
#define CPRepeat        (1 << 0)
#define CPAlphaMap      (1 << 1)
#define CPPolyMode      (1 << 10)
#define CPDither        (1 << 11)
#define CPComponentAlpha        (1 << 12)
#define CPAlphaXOrigin  (1 << 2)
#define CPAlphaYOrigin  (1 << 3)
#define CPClipXOrigin   (1 << 4)
#define CPClipYOrigin   (1 << 5)
#define CPClipMask      (1 << 6)
#define CPGraphicsExposure      (1 << 7)
#define CPSubwindowMode (1 << 8)
#define CPPolyEdge      (1 << 9)
#define RenderNumberErrors      (BadGlyph+1)
#define RenderNumberRequests    (X_RenderCreateConicalGradient+1)
#define FilterAliasNone -1
#define BadPictFormat   0
#define PictOpClear     0
#define PictOpMinimum   0
#define PictTypeIndexed 0
#define PolyEdgeSharp   0
#define PolyModePrecise 0
#define RENDER_MAJOR    0
#define RepeatNone      0
#define SubPixelUnknown 0
#define X_RenderQueryVersion    0
#define PictOpDisjointClear     0x10
```

```
#define PictOpDisjointMinimum   0x10
#define PictOpDisjointSrc       0x11
#define PictOpDisjointDst       0x12
#define PictOpDisjointOver      0x13
#define PictOpDisjointOverReverse       0x14
#define PictOpDisjointIn        0x15
#define PictOpDisjointInReverse 0x16
#define PictOpDisjointOut       0x17
#define PictOpDisjointOutReverse        0x18
#define PictOpDisjointAtop      0x19
#define PictOpDisjointAtopReverse       0x1a
#define PictOpDisjointMaximum   0x1b
#define PictOpDisjointXor       0x1b
#define PictOpConjointClear     0x20
#define PictOpConjointMinimum   0x20
#define PictOpConjointSrc       0x21
#define PictOpConjointDst       0x22
#define PictOpConjointOver      0x23
#define PictOpConjointOverReverse       0x24
#define PictOpConjointIn        0x25
#define PictOpConjointInReverse 0x26
#define PictOpConjointOut       0x27
#define PictOpConjointOutReverse        0x28
#define PictOpConjointAtop      0x29
#define PictOpConjointAtopReverse       0x2a
#define PictOpConjointMaximum   0x2b
#define PictOpConjointXor       0x2b
#define BadPicture      1
#define PictOpSrc       1
#define PictTypeDirect  1
#define PolyEdgeSmooth  1
#define PolyModeImprecise       1
#define RepeatNormal    1
#define SubPixelHorizontalRGB   1
#define X_RenderQueryPictFormats        1
#define PictOpAtopReverse       10
#define RENDER_MINOR    10
#define X_RenderTrapezoids      10
#define PictOpXor       11
#define X_RenderTriangles       11
#define CPLastBit       12
#define PictOpAdd       12
#define X_RenderTriStrip        12
#define PictOpMaximum   13
#define PictOpSaturate  13
#define X_RenderTriFan  13
#define X_RenderColorTrapezoids 14
#define X_RenderColorTriangles  15
#define X_RenderCreateGlyphSet  17
#define X_RenderReferenceGlyphSet       18
#define X_RenderFreeGlyphSet    19
#define BadPictOp       2
#define PictOpDst       2
#define RepeatPad       2
#define SubPixelHorizontalBGR   2
#define X_RenderQueryPictIndexValues    2
#define X_RenderAddGlyphs       20
#define X_RenderAddGlyphsFromPicture    21
#define X_RenderFreeGlyphs      22
#define X_RenderCompositeGlyphs8        23
#define X_RenderCompositeGlyphs16       24
#define X_RenderCompositeGlyphs32       25
#define X_RenderFillRectangles  26
#define X_RenderCreateCursor    27
#define X_RenderSetPictureTransform     28
#define X_RenderQueryFilters    29
```

```
#define BadGlyphSet     3
#define PictOpOver      3
#define RepeatReflect   3
#define SubPixelVerticalRGB     3
#define X_RenderQueryDithers    3
#define X_RenderSetPictureFilter        30
#define X_RenderCreateAnimCursor        31
#define X_RenderAddTraps        32
#define X_RenderCreateSolidFill 33
#define X_RenderCreateLinearGradient    34
#define X_RenderCreateRadialGradient    35
#define X_RenderCreateConicalGradient   36
#define BadGlyph        4
#define PictOpOverReverse       4
#define SubPixelVerticalBGR     4
#define X_RenderCreatePicture   4
#define PictOpIn        5
#define SubPixelNone    5
#define X_RenderChangePicture   5
#define PictOpInReverse 6
#define X_RenderSetPictureClipRectangles        6
#define PictOpOut       7
#define X_RenderFreePicture     7
#define PictOpOutReverse        8
#define X_RenderComposite       8
#define PictOpAtop      9
#define X_RenderScale   9

typedef long unsigned int Picture;
```

14.3 Interface Definitions for libXrender

The interfaces defined on the following pages are included in libXrender and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 14.1 shall behave as described in the referenced base document.

X Cairo Vector Graphics library

15 Libraries

15.1 Interfaces for libcairo

Table 15-1 defines the library name and shared object name for the libcairo library

Table 15-1 libcairo Definition

Library:	libcairo
SONAME:	libcairo.so.2

The behavior of the interfaces in this library is specified by the following specifications:
[Cairo] Cairo API Reference

15.1.1 Cairo Vector Graphics Library

15.1.1.1 Interfaces for Cairo Vector Graphics Library

An LSB conforming implementation shall provide the generic functions for Cairo Vector Graphics Library specified in Table 15-2, with the full mandatory functionality as described in the referenced underlying specification.

Table 15-2 libcairo - Cairo Vector Graphics Library Function Interfaces

cairo_append_path [Cairo]	cairo_arc [Cairo]	cairo_arc_negative [Cairo]
cairo_clip [Cairo]	cairo_clip_preserve [Cairo]	cairo_close_path [Cairo]
cairo_copy_page [Cairo]	cairo_copy_path [Cairo]	cairo_copy_path_flat [Cairo]
cairo_create [Cairo]	cairo_curve_to [Cairo]	cairo_destroy [Cairo]
cairo_device_to_user [Cairo]	cairo_device_to_user_distance [Cairo]	cairo_fill [Cairo]
cairo_fill_extents [Cairo]	cairo_fill_preserve [Cairo]	cairo_font_extents [Cairo]
cairo_font_face_destroy [Cairo]	cairo_font_face_get_user_data [Cairo]	cairo_font_face_reference [Cairo]
cairo_font_face_set_user_data [Cairo]	cairo_font_face_status [Cairo]	cairo_font_options_copy [Cairo]
cairo_font_options_create [Cairo]	cairo_font_options_destroy [Cairo]	cairo_font_options_equal [Cairo]
cairo_font_options_get_antialias [Cairo]	cairo_font_options_get_hint_metrics [Cairo]	cairo_font_options_get_hint_style [Cairo]
cairo_font_options_get_subpixel_order [Cairo]	cairo_font_options_hash [Cairo]	cairo_font_options_merge [Cairo]
cairo_font_options_set_antialias [Cairo]	cairo_font_options_set_hint_metrics [Cairo]	cairo_font_options_set_hint_style [Cairo]
cairo_font_options_set_	cairo_font_options_stat	cairo_ft_font_face_creat

subpixel_order [Cairo]	us [Cairo]	e_for_ft_face [Cairo]
cairo_ft_font_face_create_for_pattern [Cairo]	cairo_ft_font_options_substitute [Cairo]	cairo_ft_scaled_font_lock_face [Cairo]
cairo_ft_scaled_font_unlock_face [Cairo]	cairo_get_antialias [Cairo]	cairo_get_current_point [Cairo]
cairo_get_fill_rule [Cairo]	cairo_get_font_face [Cairo]	cairo_get_font_matrix [Cairo]
cairo_get_font_options [Cairo]	cairo_get_line_cap [Cairo]	cairo_get_line_join [Cairo]
cairo_get_line_width [Cairo]	cairo_get_matrix [Cairo]	cairo_get_miter_limit [Cairo]
cairo_get_operator [Cairo]	cairo_get_source [Cairo]	cairo_get_target [Cairo]
cairo_get_tolerance [Cairo]	cairo_glyph_extents [Cairo]	cairo_glyph_path [Cairo]
cairo_identity_matrix [Cairo]	cairo_image_surface_create [Cairo]	cairo_image_surface_create_for_data [Cairo]
cairo_image_surface_create_from_png [Cairo]	cairo_image_surface_create_from_png_stream [Cairo]	cairo_image_surface_get_height [Cairo]
cairo_image_surface_get_width [Cairo]	cairo_in_fill [Cairo]	cairo_in_stroke [Cairo]
cairo_line_to [Cairo]	cairo_mask [Cairo]	cairo_mask_surface [Cairo]
cairo_matrix_init [Cairo]	cairo_matrix_init_identity [Cairo]	cairo_matrix_init_rotate [Cairo]
cairo_matrix_init_scale [Cairo]	cairo_matrix_init_translate [Cairo]	cairo_matrix_invert [Cairo]
cairo_matrix_multiply [Cairo]	cairo_matrix_rotate [Cairo]	cairo_matrix_scale [Cairo]
cairo_matrix_transform_distance [Cairo]	cairo_matrix_transform_point [Cairo]	cairo_matrix_translate [Cairo]
cairo_move_to [Cairo]	cairo_new_path [Cairo]	cairo_paint [Cairo]
cairo_paint_with_alpha [Cairo]	cairo_path_destroy [Cairo]	cairo_pattern_add_color_stop_rgb [Cairo]
cairo_pattern_add_color_stop_rgba [Cairo]	cairo_pattern_create_for_surface [Cairo]	cairo_pattern_create_linear [Cairo]
cairo_pattern_create_radial [Cairo]	cairo_pattern_create_rgb [Cairo]	cairo_pattern_create_rgba [Cairo]
cairo_pattern_destroy [Cairo]	cairo_pattern_get_extend [Cairo]	cairo_pattern_get_filter [Cairo]
cairo_pattern_get_matrix [Cairo]	cairo_pattern_reference [Cairo]	cairo_pattern_set_extend [Cairo]
cairo_pattern_set_filter [Cairo]	cairo_pattern_set_matrix [Cairo]	cairo_pattern_status [Cairo]

© 2008 Linux Foundation

cairo_pdf_surface_create [Cairo]	cairo_pdf_surface_create_for_stream [Cairo]	cairo_ps_surface_create [Cairo]
cairo_ps_surface_create_for_stream [Cairo]	cairo_rectangle [Cairo]	cairo_reference [Cairo]
cairo_rel_curve_to [Cairo]	cairo_rel_line_to [Cairo]	cairo_rel_move_to [Cairo]
cairo_reset_clip [Cairo]	cairo_restore [Cairo]	cairo_rotate [Cairo]
cairo_save [Cairo]	cairo_scale [Cairo]	cairo_scaled_font_create [Cairo]
cairo_scaled_font_destroy [Cairo]	cairo_scaled_font_extents [Cairo]	cairo_scaled_font_glyph_extents [Cairo]
cairo_scaled_font_reference [Cairo]	cairo_scaled_font_status [Cairo]	cairo_select_font_face [Cairo]
cairo_set_antialias [Cairo]	cairo_set_dash [Cairo]	cairo_set_fill_rule [Cairo]
cairo_set_font_face [Cairo]	cairo_set_font_matrix [Cairo]	cairo_set_font_options [Cairo]
cairo_set_font_size [Cairo]	cairo_set_line_cap [Cairo]	cairo_set_line_join [Cairo]
cairo_set_line_width [Cairo]	cairo_set_matrix [Cairo]	cairo_set_miter_limit [Cairo]
cairo_set_operator [Cairo]	cairo_set_source [Cairo]	cairo_set_source_rgb [Cairo]
cairo_set_source_rgba [Cairo]	cairo_set_source_surface [Cairo]	cairo_set_tolerance [Cairo]
cairo_show_glyphs [Cairo]	cairo_show_page [Cairo]	cairo_show_text [Cairo]
cairo_status [Cairo]	cairo_status_to_string [Cairo]	cairo_stroke [Cairo]
cairo_stroke_extents [Cairo]	cairo_stroke_preserve [Cairo]	cairo_surface_create_similar [Cairo]
cairo_surface_destroy [Cairo]	cairo_surface_finish [Cairo]	cairo_surface_flush [Cairo]
cairo_surface_get_font_options [Cairo]	cairo_surface_get_user_data [Cairo]	cairo_surface_mark_dirty [Cairo]
cairo_surface_mark_dirty_rectangle [Cairo]	cairo_surface_reference [Cairo]	cairo_surface_set_device_offset [Cairo]
cairo_surface_set_user_data [Cairo]	cairo_surface_status [Cairo]	cairo_surface_write_to_png [Cairo]
cairo_surface_write_to_png_stream [Cairo]	cairo_text_extents [Cairo]	cairo_text_path [Cairo]
cairo_transform [Cairo]	cairo_translate [Cairo]	cairo_user_to_device [Cairo]
cairo_user_to_device_distance [Cairo]	cairo_version [Cairo]	cairo_version_string [Cairo]

cairo_xlib_surface_create [Cairo]	cairo_xlib_surface_create_for_bitmap [Cairo]	cairo_xlib_surface_create_with_xrender_format [Cairo]
cairo_xlib_surface_set_drawable [Cairo]	cairo_xlib_surface_set_size [Cairo]	

15.2 Data Definitions for libcairo

This section defines global identifiers and their values that are associated with interfaces contained in libcairo. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

15.2.1 cairo/cairo-features.h

```
#define CAIRO_VERSION_STRING    "1.0.2"
#define CAIRO_VERSION_MINOR     0
#define CAIRO_HAS_FT_FONT       1
#define CAIRO_HAS_GLITZ_SURFACE 1
#define CAIRO_HAS_PDF_SURFACE   1
#define CAIRO_HAS_PNG_FUNCTIONS 1
#define CAIRO_HAS_PS_SURFACE    1
#define CAIRO_HAS_XLIB_SURFACE  1
#define CAIRO_VERSION_MAJOR     1
#define CAIRO_VERSION_MICRO     2
```

15.2.2 cairo/cairo-ft.h

```
extern                                          cairo_font_face_t
*cairo_ft_font_face_create_for_pattern(FcPattern
                                                                  *
);
extern         void         cairo_ft_font_options_substitute(const
cairo_font_options_t *,
                                               FcPattern *);
extern  void  cairo_ft_scaled_font_unlock_face(cairo_scaled_font_t
*);
extern                                          cairo_font_face_t
*cairo_ft_font_face_create_for_ft_face(FT_Face,
                                                                  i
nt);
extern   void   cairo_ft_scaled_font_lock_face(cairo_scaled_font_t
*);
```

 © 2008 Linux Foundation

15.2.3 cairo/cairo-pdf.h

```
extern  cairo_surface_t  *cairo_pdf_surface_create(const  char  *,
double,
                                                   double);
extern cairo_surface_t
     *cairo_pdf_surface_create_for_stream(cairo_write_func_t, void
*,
                                          double, double);
```

15.2.4 cairo/cairo-ps.h

```
extern  cairo_surface_t  *cairo_ps_surface_create(const  char  *,
double,
                                                  double);
extern cairo_surface_t
      *cairo_ps_surface_create_for_stream(cairo_write_func_t, void
*, double,
                                         double);
```

15.2.5 cairo/cairo-xlib-xrender.h

```
extern cairo_surface_t
        *cairo_xlib_surface_create_with_xrender_format(Display  *,
Drawable,
                                                       Screen *,
                                                        XRenderPictFor
mat *,
                                                       int, int);
```

15.2.6 cairo/cairo-xlib.h

```
extern   cairo_surface_t   *cairo_xlib_surface_create(Display   *,
Drawable,
                                                      Visual *, int,
int);
extern                                                cairo_surface_t
*cairo_xlib_surface_create_for_bitmap(Display *,
                                                                   Pixm
ap,
                                                                   Scre
en *, int,
                                                                   int)
;
extern  void  cairo_xlib_surface_set_size(cairo_surface_t  *,  int,
int);
extern  void  cairo_xlib_surface_set_drawable(cairo_surface_t  *,
Drawable,
                                              int, int);
```

15.2.7 cairo/cairo.h

```
#define CAIRO_VERSION    \
                  CAIRO_VERSION_ENCODE(      CAIRO_VERSION_MAJOR,
CAIRO_VERSION_MINOR, \
    CAIRO_VERSION_MICRO)
#define CAIRO_VERSION_ENCODE(major, minor, micro)       (\
  ((major) * 10000)   \
```

```
+ ((minor) *   100) \
+ ((micro) *     1))

typedef int cairo_bool_t;
typedef struct _cairo cairo_t;
typedef struct _cairo_surface cairo_surface_t;
typedef struct _cairo_matrix {
    double xx;
    double yx;
    double xy;
    double yy;
    double x0;
    double y0;
} cairo_matrix_t;
typedef struct _cairo_pattern cairo_pattern_t;
typedef void (*cairo_destroy_func_t) (void *);
typedef struct _cairo_user_data_key {
    int unused;
} cairo_user_data_key_t;
typedef enum _cairo_status {
    CAIRO_STATUS_SUCCESS,
    CAIRO_STATUS_NO_MEMORY = 1,
    CAIRO_STATUS_INVALID_RESTORE = 2,
    CAIRO_STATUS_INVALID_POP_GROUP = 3,
    CAIRO_STATUS_NO_CURRENT_POINT = 4,
    CAIRO_STATUS_INVALID_MATRIX = 5,
    CAIRO_STATUS_INVALID_STATUS = 6,
    CAIRO_STATUS_NULL_POINTER = 7,
    CAIRO_STATUS_INVALID_STRING = 8,
    CAIRO_STATUS_INVALID_PATH_DATA = 9,
    CAIRO_STATUS_READ_ERROR = 10,
    CAIRO_STATUS_WRITE_ERROR = 11,
    CAIRO_STATUS_SURFACE_FINISHED = 12,
    CAIRO_STATUS_SURFACE_TYPE_MISMATCH = 13,
    CAIRO_STATUS_PATTERN_TYPE_MISMATCH = 14,
    CAIRO_STATUS_INVALID_CONTENT = 15,
    CAIRO_STATUS_INVALID_FORMAT = 16,
    CAIRO_STATUS_INVALID_VISUAL = 17,
    CAIRO_STATUS_FILE_NOT_FOUND = 18,
    CAIRO_STATUS_INVALID_DASH = 19,
    CAIRO_STATUS_INVALID_DSC_COMMENT = 20,
    CAIRO_STATUS_INVALID_INDEX = 21,
    CAIRO_STATUS_CLIP_NOT_REPRESENTABLE = 22
} cairo_status_t;
typedef enum _cairo_content {
    CAIRO_CONTENT_COLOR = 4096,
    CAIRO_CONTENT_ALPHA = 8192,
    CAIRO_CONTENT_COLOR_ALPHA = 12288
} cairo_content_t;
typedef   cairo_status_t(*cairo_write_func_t)   (void   *,   const
unsigned char *,
                                                  unsigned int);
typedef cairo_status_t(*cairo_read_func_t) (void *, unsigned char
*,
                                                 unsigned int);
typedef enum _cairo_operator {
    CAIRO_OPERATOR_CLEAR,
    CAIRO_OPERATOR_SOURCE = 1,
    CAIRO_OPERATOR_OVER = 2,
    CAIRO_OPERATOR_IN = 3,
    CAIRO_OPERATOR_OUT = 4,
    CAIRO_OPERATOR_ATOP = 5,
    CAIRO_OPERATOR_DEST = 6,
    CAIRO_OPERATOR_DEST_OVER = 7,
    CAIRO_OPERATOR_DEST_IN = 8,
    CAIRO_OPERATOR_DEST_OUT = 9,
```

 © 2008 Linux Foundation

```
    CAIRO_OPERATOR_DEST_ATOP = 10,
    CAIRO_OPERATOR_XOR = 11,
    CAIRO_OPERATOR_ADD = 12,
    CAIRO_OPERATOR_SATURATE = 13
} cairo_operator_t;
typedef enum _cairo_antialias {
    CAIRO_ANTIALIAS_DEFAULT,
    CAIRO_ANTIALIAS_NONE = 1,
    CAIRO_ANTIALIAS_GRAY = 2,
    CAIRO_ANTIALIAS_SUBPIXEL = 3
} cairo_antialias_t;
typedef enum _cairo_fill_rule {
    CAIRO_FILL_RULE_WINDING,
    CAIRO_FILL_RULE_EVEN_ODD = 1
} cairo_fill_rule_t;
typedef enum _cairo_line_cap {
    CAIRO_LINE_CAP_BUTT,
    CAIRO_LINE_CAP_ROUND = 1,
    CAIRO_LINE_CAP_SQUARE = 2
} cairo_line_cap_t;
typedef enum _cairo_line_join {
    CAIRO_LINE_JOIN_MITER,
    CAIRO_LINE_JOIN_ROUND = 1,
    CAIRO_LINE_JOIN_BEVEL = 2
} cairo_line_join_t;
typedef struct _cairo_scaled_font cairo_scaled_font_t;
typedef struct _cairo_font_face cairo_font_face_t;
typedef struct {
    long unsigned int index;
    double x;
    double y;
} cairo_glyph_t;
typedef struct {
    double x_bearing;
    double y_bearing;
    double width;
    double height;
    double x_advance;
    double y_advance;
} cairo_text_extents_t;
typedef struct {
    double ascent;
    double descent;
    double height;
    double max_x_advance;
    double max_y_advance;
} cairo_font_extents_t;
typedef enum _cairo_font_slant {
    CAIRO_FONT_SLANT_NORMAL,
    CAIRO_FONT_SLANT_ITALIC = 1,
    CAIRO_FONT_SLANT_OBLIQUE = 2
} cairo_font_slant_t;
typedef enum _cairo_font_weight {
    CAIRO_FONT_WEIGHT_NORMAL,
    CAIRO_FONT_WEIGHT_BOLD = 1
} cairo_font_weight_t;
typedef enum _cairo_subpixel_order {
    CAIRO_SUBPIXEL_ORDER_DEFAULT,
    CAIRO_SUBPIXEL_ORDER_RGB = 1,
    CAIRO_SUBPIXEL_ORDER_BGR = 2,
    CAIRO_SUBPIXEL_ORDER_VRGB = 3,
    CAIRO_SUBPIXEL_ORDER_VBGR = 4
} cairo_subpixel_order_t;
typedef enum _cairo_hint_style {
    CAIRO_HINT_STYLE_DEFAULT,
    CAIRO_HINT_STYLE_NONE = 1,
```

```
    CAIRO_HINT_STYLE_SLIGHT = 2,
    CAIRO_HINT_STYLE_MEDIUM = 3,
    CAIRO_HINT_STYLE_FULL = 4
} cairo_hint_style_t;
typedef enum _cairo_hint_metrics {
    CAIRO_HINT_METRICS_DEFAULT,
    CAIRO_HINT_METRICS_OFF = 1,
    CAIRO_HINT_METRICS_ON = 2
} cairo_hint_metrics_t;
typedef struct _cairo_font_options cairo_font_options_t;
typedef enum _cairo_path_data_type {
    CAIRO_PATH_MOVE_TO,
    CAIRO_PATH_LINE_TO = 1,
    CAIRO_PATH_CURVE_TO = 2,
    CAIRO_PATH_CLOSE_PATH = 3
} cairo_path_data_type_t;
typedef union _cairo_path_data_t {
    struct {
        cairo_path_data_type_t type;
        int length;
    } header;
    struct {
        double x;
        double y;
    } point;
} cairo_path_data_t;
typedef struct cairo_path {
    cairo_status_t status;
    cairo_path_data_t *data;
    int num_data;
} cairo_path_t;
typedef enum _cairo_format {
    CAIRO_FORMAT_ARGB32,
    CAIRO_FORMAT_RGB24 = 1,
    CAIRO_FORMAT_A8 = 2,
    CAIRO_FORMAT_A1 = 3
} cairo_format_t;
typedef enum _cairo_extend {
    CAIRO_EXTEND_NONE,
    CAIRO_EXTEND_REPEAT = 1,
    CAIRO_EXTEND_REFLECT = 2,
    CAIRO_EXTEND_PAD = 3
} cairo_extend_t;
typedef enum _cairo_filter {
    CAIRO_FILTER_FAST,
    CAIRO_FILTER_GOOD = 1,
    CAIRO_FILTER_BEST = 2,
    CAIRO_FILTER_NEAREST = 3,
    CAIRO_FILTER_BILINEAR = 4,
    CAIRO_FILTER_GAUSSIAN = 5
} cairo_filter_t;
extern int cairo_version(void);
extern const char *cairo_version_string(void);
extern cairo_t *cairo_create(cairo_surface_t *);
extern cairo_t *cairo_reference(cairo_t *);
extern void cairo_destroy(cairo_t *);
extern void cairo_save(cairo_t *);
extern void cairo_restore(cairo_t *);
extern void cairo_set_operator(cairo_t *, cairo_operator_t);
extern void cairo_set_source(cairo_t *, cairo_pattern_t *);
extern  void  cairo_set_source_rgb(cairo_t  *,  double,  double,
double);
extern  void  cairo_set_source_rgba(cairo_t  *,  double,  double,
double,
                                    double);
extern  void  cairo_set_source_surface(cairo_t  *,  cairo_surface_t
```

 © 2008 Linux Foundation

```
*, double,
                                        double);
extern void cairo_set_tolerance(cairo_t *, double);
extern void cairo_set_antialias(cairo_t *, cairo_antialias_t);
extern void cairo_set_fill_rule(cairo_t *, cairo_fill_rule_t);
extern void cairo_set_line_width(cairo_t *, double);
extern void cairo_set_line_cap(cairo_t *, cairo_line_cap_t);
extern void cairo_set_line_join(cairo_t *, cairo_line_join_t);
extern  void  cairo_set_dash(cairo_t  *,  const  double  *,  int,
double);
extern void cairo_set_miter_limit(cairo_t *, double);
extern void cairo_translate(cairo_t *, double, double);
extern void cairo_scale(cairo_t *, double, double);
extern void cairo_rotate(cairo_t *, double);
extern void cairo_transform(cairo_t *, const cairo_matrix_t *);
extern void cairo_set_matrix(cairo_t *, const cairo_matrix_t *);
extern void cairo_identity_matrix(cairo_t *);
extern void cairo_user_to_device(cairo_t *, double *, double *);
extern  void  cairo_user_to_device_distance(cairo_t  *,  double  *,
double *);
extern void cairo_device_to_user(cairo_t *, double *, double *);
extern  void  cairo_device_to_user_distance(cairo_t  *,  double  *,
double *);
extern void cairo_new_path(cairo_t *);
extern void cairo_move_to(cairo_t *, double, double);
extern void cairo_line_to(cairo_t *, double, double);
extern  void  cairo_curve_to(cairo_t  *,  double,  double,  double,
double,
                             double, double);
extern void cairo_arc(cairo_t *, double, double, double, double,
double);
extern void cairo_arc_negative(cairo_t *, double, double, double,
double,
                               double);
extern void cairo_rel_move_to(cairo_t *, double, double);
extern void cairo_rel_line_to(cairo_t *, double, double);
extern void cairo_rel_curve_to(cairo_t *, double, double, double,
double,
                               double, double);
extern  void  cairo_rectangle(cairo_t  *,  double,  double,  double,
double);
extern void cairo_close_path(cairo_t *);
extern void cairo_paint(cairo_t *);
extern void cairo_paint_with_alpha(cairo_t *, double);
extern void cairo_mask(cairo_t *, cairo_pattern_t *);
extern  void  cairo_mask_surface(cairo_t  *,  cairo_surface_t  *,
double,
                               double);
extern void cairo_stroke(cairo_t *);
extern void cairo_stroke_preserve(cairo_t *);
extern void cairo_fill(cairo_t *);
extern void cairo_fill_preserve(cairo_t *);
extern void cairo_copy_page(cairo_t *);
extern void cairo_show_page(cairo_t *);
extern cairo_bool_t cairo_in_stroke(cairo_t *, double, double);
extern cairo_bool_t cairo_in_fill(cairo_t *, double, double);
extern  void cairo_stroke_extents(cairo_t  *,  double  *,  double  *,
double *,
                                  double *);
extern  void  cairo_fill_extents(cairo_t  *,  double  *,  double  *,
double *,
                               double *);
extern void cairo_reset_clip(cairo_t *);
extern void cairo_clip(cairo_t *);
extern void cairo_clip_preserve(cairo_t *);
extern cairo_font_options_t *cairo_font_options_create(void);
```

```
extern cairo_font_options_t *cairo_font_options_copy(const
                                                     cairo_font_o
ptions_t
                                                    *);
extern void cairo_font_options_destroy(cairo_font_options_t *);
extern                                              cairo_status_t
cairo_font_options_status(cairo_font_options_t *);
extern void cairo_font_options_merge(cairo_font_options_t *,
                                     const cairo_font_options_t
*);
extern         cairo_bool_t         cairo_font_options_equal(const
cairo_font_options_t *,
                                                             const
cairo_font_options_t *);
extern    long    unsigned    int    cairo_font_options_hash(const
cairo_font_options_t
                                                    *);
extern  void  cairo_font_options_set_antialias(cairo_font_options_t
*,
                                               cairo_antialias_t);
extern cairo_antialias_t cairo_font_options_get_antialias(const
                                                          cairo_f
ont_options_t
                                                         *);
extern                                                      void
cairo_font_options_set_subpixel_order(cairo_font_options_t *,
                                                    cairo_subpixel_
order_t);
extern                                        cairo_subpixel_order_t
cairo_font_options_get_subpixel_order(const

cairo_font_options_t

*);
extern                                                       void
cairo_font_options_set_hint_style(cairo_font_options_t *,
                                                 cairo_hint_style_t)
;
extern cairo_hint_style_t cairo_font_options_get_hint_style(const
                                                           cairo
_font_options_t
                                                          *);
extern                                                       void
cairo_font_options_set_hint_metrics(cairo_font_options_t *,
                                                   cairo_hint_metric
s_t);
extern                                          cairo_hint_metrics_t
cairo_font_options_get_hint_metrics(const
                                                               c
airo_font_options_t
                                                               *
);
extern void cairo_select_font_face(cairo_t *, const char *,
                                   cairo_font_slant_t,
                                   cairo_font_weight_t);
extern void cairo_set_font_size(cairo_t *, double);
extern void cairo_set_font_matrix(cairo_t *, const cairo_matrix_t
*);
extern void cairo_get_font_matrix(cairo_t *, cairo_matrix_t *);
extern void cairo_set_font_options(cairo_t *,
                                   const cairo_font_options_t *);
extern        void        cairo_get_font_options(cairo_t        *,
cairo_font_options_t *);
extern void cairo_set_font_face(cairo_t *, cairo_font_face_t *);
extern cairo_font_face_t *cairo_get_font_face(cairo_t *);
extern void cairo_show_text(cairo_t *, const char *);
```

 © 2008 Linux Foundation

```
extern void cairo_show_glyphs(cairo_t *, const cairo_glyph_t *,
int);
extern void cairo_text_path(cairo_t *, const char *);
extern void cairo_glyph_path(cairo_t *, const cairo_glyph_t *,
int);
extern void cairo_text_extents(cairo_t *, const char *,
                               cairo_text_extents_t *);
extern void cairo_glyph_extents(cairo_t *, const cairo_glyph_t *,
int,
                                cairo_text_extents_t *);
extern void cairo_font_extents(cairo_t *, cairo_font_extents_t
*);
extern                                          cairo_font_face_t
*cairo_font_face_reference(cairo_font_face_t *);
extern void cairo_font_face_destroy(cairo_font_face_t *);
extern  cairo_status_t  cairo_font_face_status(cairo_font_face_t
*);
extern void *cairo_font_face_get_user_data(cairo_font_face_t *,
                                                              const
cairo_user_data_key_t *);
extern                                                cairo_status_t
cairo_font_face_set_user_data(cairo_font_face_t *,
                                                             const
                                                              cairo_user_da
ta_key_t
                                                             *, void *,
                                                              cairo_destroy
_func_t);
extern                                           cairo_scaled_font_t
*cairo_scaled_font_create(cairo_font_face_t *,
                                                              const
cairo_matrix_t
                                                              *,
                                                              const
cairo_matrix_t
                                                              *,
                                                             const
                                                              cairo_font_o
ptions_t
                                                              *);
extern                                           cairo_scaled_font_t
*cairo_scaled_font_reference(cairo_scaled_font_t
                                                                 *);
extern void cairo_scaled_font_destroy(cairo_scaled_font_t *);
extern                                                cairo_status_t
cairo_scaled_font_status(cairo_scaled_font_t *);
extern void cairo_scaled_font_extents(cairo_scaled_font_t *,
                                      cairo_font_extents_t *);
extern  void  cairo_scaled_font_glyph_extents(cairo_scaled_font_t
*,
                                              const cairo_glyph_t
*, int,
                                             cairo_text_extents_t
*);
extern cairo_operator_t cairo_get_operator(cairo_t *);
extern cairo_pattern_t *cairo_get_source(cairo_t *);
extern double cairo_get_tolerance(cairo_t *);
extern cairo_antialias_t cairo_get_antialias(cairo_t *);
extern void cairo_get_current_point(cairo_t *, double *, double
*);
extern cairo_fill_rule_t cairo_get_fill_rule(cairo_t *);
extern double cairo_get_line_width(cairo_t *);
extern cairo_line_cap_t cairo_get_line_cap(cairo_t *);
extern cairo_line_join_t cairo_get_line_join(cairo_t *);
extern double cairo_get_miter_limit(cairo_t *);
extern void cairo_get_matrix(cairo_t *, cairo_matrix_t *);
```

```
extern cairo_surface_t *cairo_get_target(cairo_t *);
extern cairo_path_t *cairo_copy_path(cairo_t *);
extern cairo_path_t *cairo_copy_path_flat(cairo_t *);
extern void cairo_append_path(cairo_t *, const cairo_path_t *);
extern void cairo_path_destroy(cairo_path_t *);
extern cairo_status_t cairo_status(cairo_t *);
extern const char *cairo_status_to_string(cairo_status_t);
extern                                                  cairo_surface_t
*cairo_surface_create_similar(cairo_surface_t *,
                                                          cairo_conten
t_t, int,
                                                        int);
extern  cairo_surface_t  *cairo_surface_reference(cairo_surface_t
*);
extern void cairo_surface_finish(cairo_surface_t *);
extern void cairo_surface_destroy(cairo_surface_t *);
extern cairo_status_t cairo_surface_status(cairo_surface_t *);
extern  cairo_status_t  cairo_surface_write_to_png(cairo_surface_t
*,
                                                  const char *);
extern                                              cairo_status_t
cairo_surface_write_to_png_stream(cairo_surface_t *,
                                                               cairo_wri
te_func_t,
                                                              void *);
extern void *cairo_surface_get_user_data(cairo_surface_t *,
                                                                  const
cairo_user_data_key_t *);
extern  cairo_status_t  cairo_surface_set_user_data(cairo_surface_t
*,
                                                   const
                                                    cairo_user_data
_key_t *,
                                                   void *,
                                                    cairo_destroy_f
unc_t);
extern void cairo_surface_get_font_options(cairo_surface_t *,
                                                cairo_font_options_t
*);
extern void cairo_surface_flush(cairo_surface_t *);
extern void cairo_surface_mark_dirty(cairo_surface_t *);
extern void cairo_surface_mark_dirty_rectangle(cairo_surface_t  *,
int, int,
                                                  int, int);
extern  void  cairo_surface_set_device_offset(cairo_surface_t  *,
double,
                                              double);
extern                                                 cairo_surface_t
*cairo_image_surface_create(cairo_format_t, int,
                                                        int);
extern                                                 cairo_surface_t
*cairo_image_surface_create_for_data(unsigned char
                                                                    *,
                                                                    cairo
_format_t,
                                                                     int,
int, int);
extern int cairo_image_surface_get_width(cairo_surface_t *);
extern int cairo_image_surface_get_height(cairo_surface_t *);
extern  cairo_surface_t  *cairo_image_surface_create_from_png(const
char *);
extern cairo_surface_t
     *cairo_image_surface_create_from_png_stream(cairo_read_func_t
, void *);
extern  cairo_pattern_t  *cairo_pattern_create_rgb(double,  double,
double);
```

 © 2008 Linux Foundation

```
extern cairo_pattern_t *cairo_pattern_create_rgba(double, double,
double,
                                                  double);
extern                                             cairo_pattern_t
*cairo_pattern_create_for_surface(cairo_surface_t
                                                               *);
extern    cairo_pattern_t    *cairo_pattern_create_linear(double,
double, double,
                                                    double);
extern    cairo_pattern_t    *cairo_pattern_create_radial(double,
double, double,
                                                      double,
double,
                                                    double);
extern  cairo_pattern_t  *cairo_pattern_reference(cairo_pattern_t
*);
extern void cairo_pattern_destroy(cairo_pattern_t *);
extern cairo_status_t cairo_pattern_status(cairo_pattern_t *);
extern  void  cairo_pattern_add_color_stop_rgb(cairo_pattern_t  *,
double,
                                                  double, double,
double);
extern  void  cairo_pattern_add_color_stop_rgba(cairo_pattern_t  *,
double,
                                                   double, double,
double,
                                               double);
extern void cairo_pattern_set_matrix(cairo_pattern_t *,
                                     const cairo_matrix_t *);
extern    void    cairo_pattern_get_matrix(cairo_pattern_t    *,
cairo_matrix_t *);
extern    void    cairo_pattern_set_extend(cairo_pattern_t    *,
cairo_extend_t);
extern   cairo_extend_t   cairo_pattern_get_extend(cairo_pattern_t
*);
extern    void    cairo_pattern_set_filter(cairo_pattern_t    *,
cairo_filter_t);
extern   cairo_filter_t   cairo_pattern_get_filter(cairo_pattern_t
*);
extern  void  cairo_matrix_init(cairo_matrix_t  *,  double,  double,
double,
                                double, double, double);
extern void cairo_matrix_init_identity(cairo_matrix_t *);
extern void cairo_matrix_init_translate(cairo_matrix_t *, double,
double);
extern  void  cairo_matrix_init_scale(cairo_matrix_t  *,  double,
double);
extern void cairo_matrix_init_rotate(cairo_matrix_t *, double);
extern  void  cairo_matrix_translate(cairo_matrix_t  *,  double,
double);
extern void cairo_matrix_scale(cairo_matrix_t *, double, double);
extern void cairo_matrix_rotate(cairo_matrix_t *, double);
extern cairo_status_t cairo_matrix_invert(cairo_matrix_t *);
extern   void   cairo_matrix_multiply(cairo_matrix_t   *,   const
cairo_matrix_t *,
                                      const cairo_matrix_t *);
extern  void  cairo_matrix_transform_distance(const  cairo_matrix_t
*,
                                              double *, double *);
extern  void  cairo_matrix_transform_point(const  cairo_matrix_t  *,
double *,
                                           double *);
```

XI GTK+ Stack Libraries

16 Libraries

16.1 Introduction

A conforming implementation shall support the following GTK+ stack libraries which provide interfaces for creating rich graphical user interface applications.

GLib

A general-purpose utility library, not specific to graphical user interfaces. GLib provides many useful data types, macros, type conversions, string utilities, file utilities, a main loop abstraction, and so on.

libglib-2.0

libgmodule-2.0

libgobject-2.0

libgthread-2.0

ATK

ATK is the Accessibility Toolkit. It provides a set of generic interfaces allowing accessibility technologies to interact with a graphical user interface. For example, a screen reader uses ATK to discover the text in an interface and read it to blind users. GTK+ widgets have built-in support for accessibility using the ATK framework.

libatk-1.0

Pango

Pango is a library for internationalized text handling. It centers around the PangoLayout object, representing a paragraph of text. Pango provides the engine for GtkTextView, GtkLabel, GtkEntry, and other widgets that display text.

libpango-1.0

libpangocairo-1.0

libpangoxft-1.0

libpangoft2-1.0

GdkPixbuf

This is a small library which allows you to create GdkPixbuf ("pixel buffer") objects from image data or image files. Use a GdkPixbuf in combination with GtkImage to display images.

libgdk_pixbuf-2.0

libgdk_pixbuf_xlib-2.0

GDK

GDK is the abstraction layer that allows GTK+ to support multiple windowing systems. GDK provides drawing and window system facilities on X11, Windows, and the Linux framebuffer device.

libgdk-x11-2.0

GTK+

The GTK+ library contains widgets, that is, GUI components such as GtkButton or GtkTextView.

libgtk-x11-2.0

There are three main parts to the definition of each of these libraries.

The "Interfaces" section defines the required library name and version, and the required public symbols (interfaces and global data), as well as symbol versions, if any.

The "Interface Definitions" section provides complete or partial definitions of certain interfaces where either this specification is the source specification, or where there are variations from the source specification. If an interface definition requires one or more header files, one of those headers shall include the function prototype for the interface.

For source definitions of interfaces which include a reference to a header file, the contents of such header files form a part of the specification. The "Data Definitions" section provides the binary-level details for the header files from the source specifications, such as values for macros and enumerated types, as well as structure layouts, sizes and padding, etc. These data definitions, although presented in the form of header files for convenience, should not be taken a representing complete header files, as they are a supplement to the source specifications. Application developers should follow the guidelines of the source specifications when determining which header files need to be included to completely resolve all references.

Note: While the Data Definitions supplement the source specifications, this specification itself does not require conforming implementations to supply any header files.

16.2 Interfaces for libglib-2.0

Table 16-1 defines the library name and shared object name for the libglib-2.0 library

Table 16-1 libglib-2.0 Definition

Library:	libglib-2.0
SONAME:	libglib-2.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Glib 2.8] Glib 2.8.6 Reference Manual
[LSB] This Specification

16.2.1 GTK General purpose utility library

16.2.1.1 Interfaces for GTK General purpose utility library

An LSB conforming implementation shall provide the generic functions for GTK General purpose utility library specified in Table 16-2, with the full mandatory functionality as described in the referenced underlying specification.

 © 2008 Linux Foundation

Table 16-2 libglib-2.0 - GTK General purpose utility library Function Interfaces

g_assert_warning [Glib 2.8]	g_once_impl [Glib 2.8]
g_return_if_fail_warning [Glib 2.8]	g_static_mutex_get_mutex_impl [Glib 2.8]

An LSB conforming implementation shall provide the generic data interfaces for GTK General purpose utility library specified in Table 16-3, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-3 libglib-2.0 - GTK General purpose utility library Data Interfaces

g_ascii_table [Glib 2.8]	g_child_watch_funcs [Glib 2.8]
g_idle_funcs [Glib 2.8]	g_io_watch_funcs [Glib 2.8]
g_thread_functions_for_glib_use [Glib 2.8]	g_thread_use_default_impl [Glib 2.8]
g_threads_got_initialized [Glib 2.8]	g_timeout_funcs [Glib 2.8]
g_utf8_skip [Glib 2.8]	

16.2.2 Glib Arrays

16.2.2.1 Interfaces for Glib Arrays

An LSB conforming implementation shall provide the generic functions for Glib Arrays specified in Table 16-4, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-4 libglib-2.0 - Glib Arrays Function Interfaces

g_array_append_vals [Glib 2.8]	g_array_free [Glib 2.8]
g_array_insert_vals [Glib 2.8]	g_array_new [Glib 2.8]
g_array_prepend_vals [Glib 2.8]	g_array_remove_index [Glib 2.8]
g_array_remove_index_fast [Glib 2.8]	g_array_remove_range [Glib 2.8]
g_array_set_size [Glib 2.8]	g_array_sized_new [Glib 2.8]
g_array_sort [Glib 2.8]	g_array_sort_with_data [Glib 2.8]

16.2.3 Glib Asynchronous Queues

16.2.3.1 Interfaces for Glib Asynchronous Queues

An LSB conforming implementation shall provide the generic functions for Glib Asynchronous Queues specified in Table 16-5, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-5 libglib-2.0 - Glib Asynchronous Queues Function Interfaces

g_async_queue_length [Glib 2.8]	g_async_queue_length_unlocked [Glib 2.8]
g_async_queue_lock [Glib 2.8]	g_async_queue_new [Glib 2.8]
g_async_queue_pop [Glib 2.8]	g_async_queue_pop_unlocked [Glib 2.8]

g_async_queue_push [Glib 2.8]	g_async_queue_push_unlocked [Glib 2.8]
g_async_queue_ref [Glib 2.8]	g_async_queue_timed_pop [Glib 2.8]
g_async_queue_timed_pop_unlocked [Glib 2.8]	g_async_queue_try_pop [Glib 2.8]
g_async_queue_try_pop_unlocked [Glib 2.8]	g_async_queue_unlock [Glib 2.8]
g_async_queue_unref [Glib 2.8]	

16.2.4 Glib Atomic Operations

16.2.4.1 Interfaces for Glib Atomic Operations

An LSB conforming implementation shall provide the generic functions for Glib Atomic Operations specified in Table 16-6, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-6 libglib-2.0 - Glib Atomic Operations Function Interfaces

g_atomic_int_add [Glib 2.8]	g_atomic_int_compare_and_exchange [Glib 2.8]
g_atomic_int_exchange_and_add [Glib 2.8]	g_atomic_pointer_compare_and_exchange [Glib 2.8]

16.2.5 Glib Automatic String Completion

16.2.5.1 Interfaces for Glib Automatic String Completion

An LSB conforming implementation shall provide the generic functions for Glib Automatic String Completion specified in Table 16-7, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-7 libglib-2.0 - Glib Automatic String Completion Function Interfaces

g_completion_add_items [Glib 2.8]	g_completion_clear_items [Glib 2.8]
g_completion_complete [Glib 2.8]	g_completion_complete_utf8 [Glib 2.8]
g_completion_free [Glib 2.8]	g_completion_new [Glib 2.8]
g_completion_remove_items [Glib 2.8]	g_completion_set_compare [Glib 2.8]

16.2.6 Glib Balanced Binary Trees

16.2.6.1 Interfaces for Glib Balanced Binary Trees

An LSB conforming implementation shall provide the generic functions for Glib Balanced Binary Trees specified in Table 16-8, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-8 libglib-2.0 - Glib Balanced Binary Trees Function Interfaces

g_tree_destroy [Glib 2.8]	g_tree_foreach [Glib 2.8]
g_tree_height [Glib 2.8]	g_tree_insert [Glib 2.8]

 © 2008 Linux Foundation

g_tree_lookup [Glib 2.8]	g_tree_lookup_extended [Glib 2.8]
g_tree_new [Glib 2.8]	g_tree_new_full [Glib 2.8]
g_tree_new_with_data [Glib 2.8]	g_tree_nnodes [Glib 2.8]
g_tree_remove [Glib 2.8]	g_tree_replace [Glib 2.8]
g_tree_search [Glib 2.8]	g_tree_steal [Glib 2.8]

16.2.7 Glib Byte Arrays

16.2.7.1 Interfaces for Glib Byte Arrays

An LSB conforming implementation shall provide the generic functions for Glib Byte Arrays specified in Table 16-9, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-9 libglib-2.0 - Glib Byte Arrays Function Interfaces

g_byte_array_append [Glib 2.8]	g_byte_array_free [Glib 2.8]
g_byte_array_new [Glib 2.8]	g_byte_array_prepend [Glib 2.8]
g_byte_array_remove_index [Glib 2.8]	g_byte_array_remove_index_fast [Glib 2.8]
g_byte_array_remove_range [Glib 2.8]	g_byte_array_set_size [Glib 2.8]
g_byte_array_sized_new [Glib 2.8]	g_byte_array_sort [Glib 2.8]
g_byte_array_sort_with_data [Glib 2.8]	

16.2.8 Glib Caches

16.2.8.1 Interfaces for Glib Caches

An LSB conforming implementation shall provide the generic functions for Glib Caches specified in Table 16-10, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-10 libglib-2.0 - Glib Caches Function Interfaces

g_cache_destroy [Glib 2.8]	g_cache_insert [Glib 2.8]
g_cache_key_foreach [Glib 2.8]	g_cache_new [Glib 2.8]
g_cache_remove [Glib 2.8]	g_cache_value_foreach [LSB]

An LSB conforming implementation shall provide the generic deprecated functions for Glib Caches specified in Table 16-11, with the full mandatory functionality as described in the referenced underlying specification.

> **Note:** These interfaces are deprecated, and applications should avoid using them. These interfaces may be withdrawn in future releases of this specification.

Table 16-11 libglib-2.0 - Glib Caches Deprecated Function Interfaces

g_cache_value_foreach [LSB]	

16.2.9 Glib Character Set Conversion

16.2.9.1 Interfaces for Glib Character Set Conversion

An LSB conforming implementation shall provide the generic functions for Glib Character Set Conversion specified in Table 16-12, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-12 libglib-2.0 - Glib Character Set Conversion Function Interfaces

g_convert [Glib 2.8]	g_convert_error_quark [Glib 2.8]
g_convert_with_fallback [Glib 2.8]	g_convert_with_iconv [Glib 2.8]
g_filename_display_basename [Glib 2.8]	g_filename_display_name [Glib 2.8]
g_filename_from_uri [Glib 2.8]	g_filename_from_utf8 [Glib 2.8]
g_filename_to_uri [Glib 2.8]	g_filename_to_utf8 [Glib 2.8]
g_get_charset [Glib 2.8]	g_get_filename_charsets [Glib 2.8]
g_iconv [Glib 2.8]	g_iconv_close [Glib 2.8]
g_iconv_open [Glib 2.8]	g_locale_from_utf8 [Glib 2.8]
g_locale_to_utf8 [Glib 2.8]	g_uri_list_extract_uris [Glib 2.8]

16.2.10 Glib Commandline Option Parser

16.2.10.1 Interfaces for Glib Commandline Option Parser

An LSB conforming implementation shall provide the generic functions for Glib Commandline Option Parser specified in Table 16-13, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-13 libglib-2.0 - Glib Commandline Option Parser Function Interfaces

g_option_context_add_group [Glib 2.8]	g_option_context_add_main_entries [Glib 2.8]
g_option_context_free [Glib 2.8]	g_option_context_get_help_enabled [Glib 2.8]
g_option_context_get_ignore_unknown_options [Glib 2.8]	g_option_context_get_main_group [Glib 2.8]
g_option_context_new [Glib 2.8]	g_option_context_parse [Glib 2.8]
g_option_context_set_help_enabled [Glib 2.8]	g_option_context_set_ignore_unknown_options [Glib 2.8]
g_option_context_set_main_group [Glib 2.8]	g_option_error_quark [Glib 2.8]
g_option_group_add_entries [Glib 2.8]	g_option_group_free [Glib 2.8]
g_option_group_new [Glib 2.8]	g_option_group_set_error_hook [Glib 2.8]
g_option_group_set_parse_hooks [Glib 2.8]	g_option_group_set_translate_func [Glib 2.8]
g_option_group_set_translation_do	

 © 2008 Linux Foundation

main [Glib 2.8]	

16.2.11 Glib Datasets

16.2.11.1 Interfaces for Glib Datasets

An LSB conforming implementation shall provide the generic functions for Glib Datasets specified in Table 16-14, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-14 libglib-2.0 - Glib Datasets Function Interfaces

g_dataset_destroy [Glib 2.8]	g_dataset_foreach [Glib 2.8]
g_dataset_id_get_data [Glib 2.8]	g_dataset_id_remove_no_notify [Glib 2.8]
g_dataset_id_set_data_full [Glib 2.8]	

16.2.12 Glib Date and Time Functions

16.2.12.1 Interfaces for Glib Date and Time Functions

An LSB conforming implementation shall provide the generic functions for Glib Date and Time Functions specified in Table 16-15, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-15 libglib-2.0 - Glib Date and Time Functions Function Interfaces

g_date_add_days [Glib 2.8]	g_date_add_months [Glib 2.8]
g_date_add_years [Glib 2.8]	g_date_clamp [Glib 2.8]
g_date_clear [Glib 2.8]	g_date_compare [Glib 2.8]
g_date_days_between [Glib 2.8]	g_date_free [Glib 2.8]
g_date_get_day [Glib 2.8]	g_date_get_day_of_year [Glib 2.8]
g_date_get_days_in_month [Glib 2.8]	g_date_get_iso8601_week_of_year [Glib 2.8]
g_date_get_julian [Glib 2.8]	g_date_get_monday_week_of_year [Glib 2.8]
g_date_get_monday_weeks_in_year [Glib 2.8]	g_date_get_month [Glib 2.8]
g_date_get_sunday_week_of_year [Glib 2.8]	g_date_get_sunday_weeks_in_year [Glib 2.8]
g_date_get_weekday [Glib 2.8]	g_date_get_year [Glib 2.8]
g_date_is_first_of_month [Glib 2.8]	g_date_is_last_of_month [Glib 2.8]
g_date_is_leap_year [Glib 2.8]	g_date_new [Glib 2.8]
g_date_new_dmy [Glib 2.8]	g_date_new_julian [Glib 2.8]
g_date_order [Glib 2.8]	g_date_set_day [Glib 2.8]
g_date_set_dmy [Glib 2.8]	g_date_set_julian [Glib 2.8]
g_date_set_month [Glib 2.8]	g_date_set_parse [Glib 2.8]
g_date_set_time [Glib 2.8]	g_date_set_year [Glib 2.8]
g_date_strftime [Glib 2.8]	g_date_subtract_days [Glib 2.8]

g_date_subtract_months [Glib 2.8]	g_date_subtract_years [Glib 2.8]
g_date_to_struct_tm [Glib 2.8]	g_date_valid [Glib 2.8]
g_date_valid_day [Glib 2.8]	g_date_valid_dmy [Glib 2.8]
g_date_valid_julian [Glib 2.8]	g_date_valid_month [Glib 2.8]
g_date_valid_weekday [Glib 2.8]	g_date_valid_year [Glib 2.8]
g_get_current_time [Glib 2.8]	g_time_val_add [Glib 2.8]
g_usleep [Glib 2.8]	

16.2.13 Glib Double-Ended Queues

16.2.13.1 Interfaces for Glib Double-Ended Queues

An LSB conforming implementation shall provide the generic functions for Glib Double-Ended Queues specified in Table 16-16, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-16 libglib-2.0 - Glib Double-Ended Queues Function Interfaces

g_queue_copy [Glib 2.8]	g_queue_delete_link [Glib 2.8]
g_queue_find [Glib 2.8]	g_queue_find_custom [Glib 2.8]
g_queue_foreach [Glib 2.8]	g_queue_free [Glib 2.8]
g_queue_get_length [Glib 2.8]	g_queue_index [Glib 2.8]
g_queue_insert_after [Glib 2.8]	g_queue_insert_before [Glib 2.8]
g_queue_insert_sorted [Glib 2.8]	g_queue_is_empty [Glib 2.8]
g_queue_link_index [Glib 2.8]	g_queue_new [Glib 2.8]
g_queue_peek_head [Glib 2.8]	g_queue_peek_head_link [Glib 2.8]
g_queue_peek_nth [Glib 2.8]	g_queue_peek_nth_link [Glib 2.8]
g_queue_peek_tail [Glib 2.8]	g_queue_peek_tail_link [Glib 2.8]
g_queue_pop_head [Glib 2.8]	g_queue_pop_head_link [Glib 2.8]
g_queue_pop_nth [Glib 2.8]	g_queue_pop_nth_link [Glib 2.8]
g_queue_pop_tail [Glib 2.8]	g_queue_pop_tail_link [Glib 2.8]
g_queue_push_head [Glib 2.8]	g_queue_push_head_link [Glib 2.8]
g_queue_push_nth [Glib 2.8]	g_queue_push_nth_link [Glib 2.8]
g_queue_push_tail [Glib 2.8]	g_queue_push_tail_link [Glib 2.8]
g_queue_remove [Glib 2.8]	g_queue_remove_all [Glib 2.8]
g_queue_reverse [Glib 2.8]	g_queue_sort [Glib 2.8]
g_queue_unlink [Glib 2.8]	

16.2.14 Glib Doubly-Linked Lists

16.2.14.1 Interfaces for Glib Doubly-Linked Lists

An LSB conforming implementation shall provide the generic functions for Glib Doubly-Linked Lists specified in Table 16-17, with the full mandatory functionality as described in the referenced underlying specification.

 © 2008 Linux Foundation

Table 16-17 libglib-2.0 - Glib Doubly-Linked Lists Function Interfaces

g_list_alloc [Glib 2.8]	g_list_append [Glib 2.8]
g_list_concat [Glib 2.8]	g_list_copy [Glib 2.8]
g_list_delete_link [Glib 2.8]	g_list_find [Glib 2.8]
g_list_find_custom [Glib 2.8]	g_list_first [Glib 2.8]
g_list_foreach [Glib 2.8]	g_list_free [Glib 2.8]
g_list_free_1 [Glib 2.8]	g_list_index [Glib 2.8]
g_list_insert [Glib 2.8]	g_list_insert_before [Glib 2.8]
g_list_insert_sorted [Glib 2.8]	g_list_last [Glib 2.8]
g_list_length [Glib 2.8]	g_list_nth [Glib 2.8]
g_list_nth_data [Glib 2.8]	g_list_nth_prev [Glib 2.8]
g_list_pop_allocator [Glib 2.8]	g_list_position [Glib 2.8]
g_list_prepend [Glib 2.8]	g_list_push_allocator [Glib 2.8]
g_list_remove [Glib 2.8]	g_list_remove_all [Glib 2.8]
g_list_remove_link [Glib 2.8]	g_list_reverse [Glib 2.8]
g_list_sort [Glib 2.8]	g_list_sort_with_data [Glib 2.8]

16.2.15 Glib Error Reporting

16.2.15.1 Interfaces for Glib Error Reporting

An LSB conforming implementation shall provide the generic functions for Glib Error Reporting specified in Table 16-18, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-18 libglib-2.0 - Glib Error Reporting Function Interfaces

g_clear_error [Glib 2.8]	g_error_copy [Glib 2.8]
g_error_free [Glib 2.8]	g_error_matches [Glib 2.8]
g_error_new [Glib 2.8]	g_error_new_literal [Glib 2.8]
g_propagate_error [Glib 2.8]	g_set_error [Glib 2.8]

16.2.16 Glib File Utilities

16.2.16.1 Interfaces for Glib File Utilities

An LSB conforming implementation shall provide the generic functions for Glib File Utilities specified in Table 16-19, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-19 libglib-2.0 - Glib File Utilities Function Interfaces

g_dir_close [Glib 2.8]	g_dir_open [Glib 2.8]
g_dir_read_name [Glib 2.8]	g_dir_rewind [Glib 2.8]
g_file_error_from_errno [Glib 2.8]	g_file_error_quark [Glib 2.8]
g_file_get_contents [Glib 2.8]	g_file_open_tmp [Glib 2.8]
g_file_read_link [Glib 2.8]	g_file_set_contents [Glib 2.8]
g_file_test [Glib 2.8]	g_mapped_file_free [Glib 2.8]

g_mapped_file_get_contents [Glib 2.8]	g_mapped_file_get_length [Glib 2.8]
g_mapped_file_new [Glib 2.8]	g_mkstemp [Glib 2.8]

16.2.17 Glib Glob-Style Pattern Matching

16.2.17.1 Interfaces for Glib Glob-Style Pattern Matching

An LSB conforming implementation shall provide the generic functions for Glib Glob-Style Pattern Matching specified in Table 16-20, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-20 libglib-2.0 - Glib Glob-Style Pattern Matching Function Interfaces

g_pattern_match [Glib 2.8]	g_pattern_match_simple [Glib 2.8]
g_pattern_match_string [Glib 2.8]	g_pattern_spec_equal [Glib 2.8]
g_pattern_spec_free [Glib 2.8]	g_pattern_spec_new [Glib 2.8]

16.2.18 Glib Hash Tables

16.2.18.1 Interfaces for Glib Hash Tables

An LSB conforming implementation shall provide the generic functions for Glib Hash Tables specified in Table 16-21, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-21 libglib-2.0 - Glib Hash Tables Function Interfaces

g_direct_equal [Glib 2.8]	g_direct_hash [Glib 2.8]
g_hash_table_destroy [Glib 2.8]	g_hash_table_find [Glib 2.8]
g_hash_table_foreach [Glib 2.8]	g_hash_table_foreach_remove [Glib 2.8]
g_hash_table_foreach_steal [Glib 2.8]	g_hash_table_insert [Glib 2.8]
g_hash_table_lookup [Glib 2.8]	g_hash_table_lookup_extended [Glib 2.8]
g_hash_table_new [Glib 2.8]	g_hash_table_new_full [Glib 2.8]
g_hash_table_remove [Glib 2.8]	g_hash_table_replace [Glib 2.8]
g_hash_table_size [Glib 2.8]	g_hash_table_steal [Glib 2.8]
g_int_equal [Glib 2.8]	g_int_hash [Glib 2.8]
g_str_equal [Glib 2.8]	g_str_hash [Glib 2.8]

16.2.19 Glib Hook Functions

16.2.19.1 Interfaces for Glib Hook Functions

An LSB conforming implementation shall provide the generic functions for Glib Hook Functions specified in Table 16-22, with the full mandatory functionality as described in the referenced underlying specification.

 © 2008 Linux Foundation

Table 16-22 libglib-2.0 - Glib Hook Functions Function Interfaces

g_hook_alloc [Glib 2.8]	g_hook_compare_ids [Glib 2.8]
g_hook_destroy [Glib 2.8]	g_hook_destroy_link [Glib 2.8]
g_hook_find [Glib 2.8]	g_hook_find_data [Glib 2.8]
g_hook_find_func [Glib 2.8]	g_hook_find_func_data [Glib 2.8]
g_hook_first_valid [Glib 2.8]	g_hook_free [Glib 2.8]
g_hook_get [Glib 2.8]	g_hook_insert_before [Glib 2.8]
g_hook_insert_sorted [Glib 2.8]	g_hook_list_clear [Glib 2.8]
g_hook_list_init [Glib 2.8]	g_hook_list_invoke [Glib 2.8]
g_hook_list_invoke_check [Glib 2.8]	g_hook_list_marshal [Glib 2.8]
g_hook_list_marshal_check [Glib 2.8]	g_hook_next_valid [Glib 2.8]
g_hook_prepend [Glib 2.8]	g_hook_ref [Glib 2.8]
g_hook_unref [Glib 2.8]	

16.2.20 Glib IO Channels

16.2.20.1 Interfaces for Glib IO Channels

An LSB conforming implementation shall provide the generic functions for Glib IO Channels specified in Table 16-23, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-23 libglib-2.0 - Glib IO Channels Function Interfaces

g_io_add_watch [Glib 2.8]	g_io_add_watch_full [Glib 2.8]
g_io_channel_error_from_errno [Glib 2.8]	g_io_channel_error_quark [Glib 2.8]
g_io_channel_flush [Glib 2.8]	g_io_channel_get_buffer_condition [Glib 2.8]
g_io_channel_get_buffer_size [Glib 2.8]	g_io_channel_get_buffered [Glib 2.8]
g_io_channel_get_close_on_unref [Glib 2.8]	g_io_channel_get_encoding [Glib 2.8]
g_io_channel_get_flags [Glib 2.8]	g_io_channel_get_line_term [Glib 2.8]
g_io_channel_init [Glib 2.8]	g_io_channel_new_file [Glib 2.8]
g_io_channel_read_chars [Glib 2.8]	g_io_channel_read_line [Glib 2.8]
g_io_channel_read_line_string [Glib 2.8]	g_io_channel_read_to_end [Glib 2.8]
g_io_channel_read_unichar [Glib 2.8]	g_io_channel_ref [Glib 2.8]
g_io_channel_seek_position [Glib 2.8]	g_io_channel_set_buffer_size [Glib 2.8]
g_io_channel_set_buffered [Glib 2.8]	g_io_channel_set_close_on_unref [Glib 2.8]

g_io_channel_set_encoding [Glib 2.8]	g_io_channel_set_flags [Glib 2.8]
g_io_channel_set_line_term [Glib 2.8]	g_io_channel_shutdown [Glib 2.8]
g_io_channel_unix_get_fd [Glib 2.8]	g_io_channel_unix_new [Glib 2.8]
g_io_channel_unref [Glib 2.8]	g_io_channel_write_chars [Glib 2.8]
g_io_channel_write_unichar [Glib 2.8]	g_io_create_watch [Glib 2.8]

16.2.21 Glib Internationalization

16.2.21.1 Interfaces for Glib Internationalization

An LSB conforming implementation shall provide the generic functions for Glib Internationalization specified in Table 16-24, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-24 libglib-2.0 - Glib Internationalization Function Interfaces

g_get_language_names [Glib 2.8]	g_strip_context [Glib 2.8]

16.2.22 Glib Key-Value File Parser

16.2.22.1 Interfaces for Glib Key-Value File Parser

An LSB conforming implementation shall provide the generic functions for Glib Key-Value File Parser specified in Table 16-25, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-25 libglib-2.0 - Glib Key-Value File Parser Function Interfaces

g_key_file_error_quark [Glib 2.8]	g_key_file_free [Glib 2.8]
g_key_file_get_boolean [Glib 2.8]	g_key_file_get_boolean_list [Glib 2.8]
g_key_file_get_comment [Glib 2.8]	g_key_file_get_groups [Glib 2.8]
g_key_file_get_integer [Glib 2.8]	g_key_file_get_integer_list [Glib 2.8]
g_key_file_get_keys [Glib 2.8]	g_key_file_get_locale_string [Glib 2.8]
g_key_file_get_locale_string_list [Glib 2.8]	g_key_file_get_start_group [Glib 2.8]
g_key_file_get_string [Glib 2.8]	g_key_file_get_string_list [Glib 2.8]
g_key_file_get_value [Glib 2.8]	g_key_file_has_group [Glib 2.8]
g_key_file_has_key [Glib 2.8]	g_key_file_load_from_data [Glib 2.8]
g_key_file_load_from_data_dirs [Glib 2.8]	g_key_file_load_from_file [Glib 2.8]
g_key_file_new [Glib 2.8]	g_key_file_remove_comment [Glib 2.8]
g_key_file_remove_group [Glib 2.8]	g_key_file_remove_key [Glib 2.8]
g_key_file_set_boolean [Glib 2.8]	g_key_file_set_boolean_list [Glib 2.8]
g_key_file_set_comment [Glib 2.8]	g_key_file_set_integer [Glib 2.8]

 © 2008 Linux Foundation

g_key_file_set_integer_list [Glib 2.8]	g_key_file_set_list_separator [Glib 2.8]
g_key_file_set_locale_string [Glib 2.8]	g_key_file_set_locale_string_list [Glib 2.8]
g_key_file_set_string [Glib 2.8]	g_key_file_set_string_list [Glib 2.8]
g_key_file_set_value [Glib 2.8]	g_key_file_to_data [Glib 2.8]

16.2.23 Glib Keyed Data Lists

16.2.23.1 Interfaces for Glib Keyed Data Lists

An LSB conforming implementation shall provide the generic functions for Glib Keyed Data Lists specified in Table 16-26, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-26 libglib-2.0 - Glib Keyed Data Lists Function Interfaces

g_datalist_clear [Glib 2.8]	g_datalist_foreach [Glib 2.8]
g_datalist_get_flags [Glib 2.8]	g_datalist_id_get_data [Glib 2.8]
g_datalist_id_remove_no_notify [Glib 2.8]	g_datalist_id_set_data_full [Glib 2.8]
g_datalist_init [Glib 2.8]	g_datalist_set_flags [Glib 2.8]
g_datalist_unset_flags [Glib 2.8]	

16.2.24 Glib Lexical Scanner

16.2.24.1 Interfaces for Glib Lexical Scanner

An LSB conforming implementation shall provide the generic functions for Glib Lexical Scanner specified in Table 16-27, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-27 libglib-2.0 - Glib Lexical Scanner Function Interfaces

g_scanner_cur_line [Glib 2.8]	g_scanner_cur_position [Glib 2.8]
g_scanner_cur_token [Glib 2.8]	g_scanner_cur_value [Glib 2.8]
g_scanner_destroy [Glib 2.8]	g_scanner_eof [Glib 2.8]
g_scanner_error [Glib 2.8]	g_scanner_get_next_token [Glib 2.8]
g_scanner_input_file [Glib 2.8]	g_scanner_input_text [Glib 2.8]
g_scanner_lookup_symbol [Glib 2.8]	g_scanner_new [Glib 2.8]
g_scanner_peek_next_token [Glib 2.8]	g_scanner_scope_add_symbol [Glib 2.8]
g_scanner_scope_foreach_symbol [Glib 2.8]	g_scanner_scope_lookup_symbol [Glib 2.8]
g_scanner_scope_remove_symbol [Glib 2.8]	g_scanner_set_scope [Glib 2.8]
g_scanner_sync_file_offset [Glib 2.8]	g_scanner_unexp_token [Glib 2.8]
g_scanner_warn [Glib 2.8]	

16.2.25 Glib Memory Allocation

16.2.25.1 Interfaces for Glib Memory Allocation

An LSB conforming implementation shall provide the generic functions for Glib Memory Allocation specified in Table 16-28, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-28 libglib-2.0 - Glib Memory Allocation Function Interfaces

g_free [Glib 2.8]	g_malloc [Glib 2.8]
g_malloc0 [Glib 2.8]	g_mem_is_system_malloc [Glib 2.8]
g_mem_profile [Glib 2.8]	g_mem_set_vtable [Glib 2.8]
g_memdup [Glib 2.8]	g_realloc [Glib 2.8]
g_try_malloc [Glib 2.8]	g_try_realloc [Glib 2.8]

16.2.26 Glib Memory Allocators

16.2.26.1 Interfaces for Glib Memory Allocators

An LSB conforming implementation shall provide the generic functions for Glib Memory Allocators specified in Table 16-29, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-29 libglib-2.0 - Glib Memory Allocators Function Interfaces

g_allocator_free [Glib 2.8]	g_allocator_new [Glib 2.8]

16.2.27 Glib Memory Chunks

16.2.27.1 Interfaces for Glib Memory Chunks

An LSB conforming implementation shall provide the generic functions for Glib Memory Chunks specified in Table 16-30, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-30 libglib-2.0 - Glib Memory Chunks Function Interfaces

g_blow_chunks [Glib 2.8]	g_mem_chunk_alloc [Glib 2.8]
g_mem_chunk_alloc0 [Glib 2.8]	g_mem_chunk_clean [Glib 2.8]
g_mem_chunk_destroy [Glib 2.8]	g_mem_chunk_free [Glib 2.8]
g_mem_chunk_info [Glib 2.8]	g_mem_chunk_new [Glib 2.8]
g_mem_chunk_print [Glib 2.8]	g_mem_chunk_reset [Glib 2.8]

16.2.28 Glib Message Logging

16.2.28.1 Interfaces for Glib Message Logging

An LSB conforming implementation shall provide the generic functions for Glib Message Logging specified in Table 16-31, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-31 libglib-2.0 - Glib Message Logging Function Interfaces

g_log [Glib 2.8]	g_log_default_handler [Glib 2.8]

 © 2008 Linux Foundation

g_log_remove_handler [Glib 2.8]	g_log_set_always_fatal [Glib 2.8]
g_log_set_default_handler [Glib 2.8]	g_log_set_fatal_mask [Glib 2.8]
g_log_set_handler [Glib 2.8]	g_logv [Glib 2.8]

16.2.29 Glib Message Output and Debugging Functions

16.2.29.1 Interfaces for Glib Message Output and Debugging Functions

An LSB conforming implementation shall provide the generic functions for Glib Message Output and Debugging Functions specified in Table 16-32, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-32 libglib-2.0 - Glib Message Output and Debugging Functions Function Interfaces

g_on_error_query [Glib 2.8]	g_on_error_stack_trace [Glib 2.8]
g_print [Glib 2.8]	g_printerr [Glib 2.8]
g_set_print_handler [Glib 2.8]	g_set_printerr_handler [Glib 2.8]

16.2.30 Glib Miscellaneous Utility Functions

16.2.30.1 Interfaces for Glib Miscellaneous Utility Functions

An LSB conforming implementation shall provide the generic functions for Glib Miscellaneous Utility Functions specified in Table 16-33, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-33 libglib-2.0 - Glib Miscellaneous Utility Functions Function Interfaces

g_atexit [Glib 2.8]	g_bit_nth_lsf [Glib 2.8]
g_bit_nth_msf [Glib 2.8]	g_bit_storage [Glib 2.8]
g_build_filename [Glib 2.8]	g_build_filenamev [Glib 2.8]
g_build_path [Glib 2.8]	g_build_pathv [Glib 2.8]
g_find_program_in_path [Glib 2.8]	g_get_application_name [Glib 2.8]
g_get_current_dir [Glib 2.8]	g_get_home_dir [Glib 2.8]
g_get_host_name [Glib 2.8]	g_get_prgname [Glib 2.8]
g_get_real_name [Glib 2.8]	g_get_system_config_dirs [Glib 2.8]
g_get_system_data_dirs [Glib 2.8]	g_get_tmp_dir [Glib 2.8]
g_get_user_cache_dir [Glib 2.8]	g_get_user_config_dir [Glib 2.8]
g_get_user_data_dir [Glib 2.8]	g_get_user_name [Glib 2.8]
g_getenv [Glib 2.8]	g_listenv [Glib 2.8]
g_nullify_pointer [Glib 2.8]	g_parse_debug_string [Glib 2.8]
g_path_get_basename [Glib 2.8]	g_path_get_dirname [Glib 2.8]
g_path_is_absolute [Glib 2.8]	g_path_skip_root [Glib 2.8]

g_qsort_with_data [Glib 2.8]	g_set_application_name [Glib 2.8]
g_set_prgname [Glib 2.8]	g_setenv [Glib 2.8]
g_spaced_primes_closest [Glib 2.8]	g_unsetenv [Glib 2.8]

16.2.31 Glib N-ary Trees

16.2.31.1 Interfaces for Glib N-ary Trees

An LSB conforming implementation shall provide the generic functions for Glib N-ary Trees specified in Table 16-34, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-34 libglib-2.0 - Glib N-ary Trees Function Interfaces

g_node_child_index [Glib 2.8]	g_node_child_position [Glib 2.8]
g_node_children_foreach [Glib 2.8]	g_node_copy [Glib 2.8]
g_node_copy_deep [Glib 2.8]	g_node_depth [Glib 2.8]
g_node_destroy [Glib 2.8]	g_node_find [Glib 2.8]
g_node_find_child [Glib 2.8]	g_node_first_sibling [Glib 2.8]
g_node_get_root [Glib 2.8]	g_node_insert [Glib 2.8]
g_node_insert_after [Glib 2.8]	g_node_insert_before [Glib 2.8]
g_node_is_ancestor [Glib 2.8]	g_node_last_child [Glib 2.8]
g_node_last_sibling [Glib 2.8]	g_node_max_height [Glib 2.8]
g_node_n_children [Glib 2.8]	g_node_n_nodes [Glib 2.8]
g_node_new [Glib 2.8]	g_node_nth_child [Glib 2.8]
g_node_pop_allocator [Glib 2.8]	g_node_prepend [Glib 2.8]
g_node_push_allocator [Glib 2.8]	g_node_reverse_children [Glib 2.8]
g_node_traverse [Glib 2.8]	g_node_unlink [Glib 2.8]

16.2.32 Glib Pointer Arrays

16.2.32.1 Interfaces for Glib Pointer Arrays

An LSB conforming implementation shall provide the generic functions for Glib Pointer Arrays specified in Table 16-35, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-35 libglib-2.0 - Glib Pointer Arrays Function Interfaces

g_ptr_array_add [Glib 2.8]	g_ptr_array_foreach [Glib 2.8]
g_ptr_array_free [Glib 2.8]	g_ptr_array_new [Glib 2.8]
g_ptr_array_remove [Glib 2.8]	g_ptr_array_remove_fast [Glib 2.8]
g_ptr_array_remove_index [Glib 2.8]	g_ptr_array_remove_index_fast [Glib 2.8]
g_ptr_array_remove_range [Glib 2.8]	g_ptr_array_set_size [Glib 2.8]
g_ptr_array_sized_new [Glib 2.8]	g_ptr_array_sort [Glib 2.8]
g_ptr_array_sort_with_data [Glib 2.8]	

 © 2008 Linux Foundation

16.2.33 Glib Quarks

16.2.33.1 Interfaces for Glib Quarks

An LSB conforming implementation shall provide the generic functions for Glib Quarks specified in Table 16-36, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-36 libglib-2.0 - Glib Quarks Function Interfaces

g_quark_from_static_string [Glib 2.8]	g_quark_from_string [Glib 2.8]
g_quark_to_string [Glib 2.8]	g_quark_try_string [Glib 2.8]

16.2.34 Glib Random Numbers

16.2.34.1 Interfaces for Glib Random Numbers

An LSB conforming implementation shall provide the generic functions for Glib Random Numbers specified in Table 16-37, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-37 libglib-2.0 - Glib Random Numbers Function Interfaces

g_rand_copy [Glib 2.8]	g_rand_double [Glib 2.8]
g_rand_double_range [Glib 2.8]	g_rand_free [Glib 2.8]
g_rand_int [Glib 2.8]	g_rand_int_range [Glib 2.8]
g_rand_new [Glib 2.8]	g_rand_new_with_seed [Glib 2.8]
g_rand_new_with_seed_array [Glib 2.8]	g_rand_set_seed [Glib 2.8]
g_rand_set_seed_array [Glib 2.8]	g_random_double [Glib 2.8]
g_random_double_range [Glib 2.8]	g_random_int [Glib 2.8]
g_random_int_range [Glib 2.8]	g_random_set_seed [Glib 2.8]

16.2.35 Glib Relations and Tuples

16.2.35.1 Interfaces for Glib Relations and Tuples

An LSB conforming implementation shall provide the generic functions for Glib Relations and Tuples specified in Table 16-38, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-38 libglib-2.0 - Glib Relations and Tuples Function Interfaces

g_relation_count [Glib 2.8]	g_relation_delete [Glib 2.8]
g_relation_destroy [Glib 2.8]	g_relation_exists [Glib 2.8]
g_relation_index [Glib 2.8]	g_relation_insert [Glib 2.8]
g_relation_new [Glib 2.8]	g_relation_print [Glib 2.8]
g_relation_select [Glib 2.8]	g_tuples_destroy [Glib 2.8]
g_tuples_index [Glib 2.8]	

16.2.36 Glib Shell-related Utilities

16.2.36.1 Interfaces for Glib Shell-related Utilities

An LSB conforming implementation shall provide the generic functions for Glib Shell-related Utilities specified in Table 16-39, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-39 libglib-2.0 - Glib Shell-related Utilities Function Interfaces

g_shell_error_quark [Glib 2.8]	g_shell_parse_argv [Glib 2.8]
g_shell_quote [Glib 2.8]	g_shell_unquote [Glib 2.8]

16.2.37 Glib Simple XML Subset Parser

16.2.37.1 Interfaces for Glib Simple XML Subset Parser

An LSB conforming implementation shall provide the generic functions for Glib Simple XML Subset Parser specified in Table 16-40, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-40 libglib-2.0 - Glib Simple XML Subset Parser Function Interfaces

g_markup_error_quark [Glib 2.8]	g_markup_escape_text [Glib 2.8]
g_markup_parse_context_end_parse [Glib 2.8]	g_markup_parse_context_free [Glib 2.8]
g_markup_parse_context_get_element [Glib 2.8]	g_markup_parse_context_get_position [Glib 2.8]
g_markup_parse_context_new [Glib 2.8]	g_markup_parse_context_parse [Glib 2.8]
g_markup_printf_escaped [Glib 2.8]	g_markup_vprintf_escaped [Glib 2.8]

16.2.38 Glib Singly-Linked Lists

16.2.38.1 Interfaces for Glib Singly-Linked Lists

An LSB conforming implementation shall provide the generic functions for Glib Singly-Linked Lists specified in Table 16-41, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-41 libglib-2.0 - Glib Singly-Linked Lists Function Interfaces

g_slist_alloc [Glib 2.8]	g_slist_append [Glib 2.8]
g_slist_concat [Glib 2.8]	g_slist_copy [Glib 2.8]
g_slist_delete_link [Glib 2.8]	g_slist_find [Glib 2.8]
g_slist_find_custom [Glib 2.8]	g_slist_foreach [Glib 2.8]
g_slist_free [Glib 2.8]	g_slist_free_1 [Glib 2.8]
g_slist_index [Glib 2.8]	g_slist_insert [Glib 2.8]
g_slist_insert_before [Glib 2.8]	g_slist_insert_sorted [Glib 2.8]
g_slist_last [Glib 2.8]	g_slist_length [Glib 2.8]
g_slist_nth [Glib 2.8]	g_slist_nth_data [Glib 2.8]

 © 2008 Linux Foundation

g_slist_pop_allocator [Glib 2.8]	g_slist_position [Glib 2.8]
g_slist_prepend [Glib 2.8]	g_slist_push_allocator [Glib 2.8]
g_slist_remove [Glib 2.8]	g_slist_remove_all [Glib 2.8]
g_slist_remove_link [Glib 2.8]	g_slist_reverse [Glib 2.8]
g_slist_sort [Glib 2.8]	g_slist_sort_with_data [Glib 2.8]

16.2.39 Glib Spawning Processes

16.2.39.1 Interfaces for Glib Spawning Processes

An LSB conforming implementation shall provide the generic functions for Glib Spawning Processes specified in Table 16-42, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-42 libglib-2.0 - Glib Spawning Processes Function Interfaces

g_spawn_async [Glib 2.8]	g_spawn_async_with_pipes [Glib 2.8]
g_spawn_close_pid [Glib 2.8]	g_spawn_command_line_async [Glib 2.8]
g_spawn_command_line_sync [Glib 2.8]	g_spawn_error_quark [Glib 2.8]
g_spawn_sync [Glib 2.8]	

16.2.40 Glib String Chunks

16.2.40.1 Interfaces for Glib String Chunks

An LSB conforming implementation shall provide the generic functions for Glib String Chunks specified in Table 16-43, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-43 libglib-2.0 - Glib String Chunks Function Interfaces

g_string_chunk_free [Glib 2.8]	g_string_chunk_insert [Glib 2.8]
g_string_chunk_insert_const [Glib 2.8]	g_string_chunk_insert_len [Glib 2.8]
g_string_chunk_new [Glib 2.8]	

16.2.41 Glib String Utility Functions

16.2.41.1 Interfaces for Glib String Utility Functions

An LSB conforming implementation shall provide the generic functions for Glib String Utility Functions specified in Table 16-44, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-44 libglib-2.0 - Glib String Utility Functions Function Interfaces

g_ascii_digit_value [Glib 2.8]	g_ascii_dtostr [Glib 2.8]
g_ascii_formatd [Glib 2.8]	g_ascii_strcasecmp [Glib 2.8]
g_ascii_strdown [Glib 2.8]	g_ascii_strncasecmp [Glib 2.8]
g_ascii_strtod [Glib 2.8]	g_ascii_strtoull [Glib 2.8]

g_ascii_strup [Glib 2.8]	g_ascii_tolower [Glib 2.8]
g_ascii_toupper [Glib 2.8]	g_ascii_xdigit_value [Glib 2.8]
g_fprintf [Glib 2.8]	g_printf [Glib 2.8]
g_printf_string_upper_bound [Glib 2.8]	g_snprintf [Glib 2.8]
g_sprintf [Glib 2.8]	g_stpcpy [Glib 2.8]
g_str_has_prefix [Glib 2.8]	g_str_has_suffix [Glib 2.8]
g_strcanon [Glib 2.8]	g_strchomp [Glib 2.8]
g_strchug [Glib 2.8]	g_strcompress [Glib 2.8]
g_strconcat [Glib 2.8]	g_strdelimit [Glib 2.8]
g_strdup [Glib 2.8]	g_strdup_printf [Glib 2.8]
g_strdup_vprintf [Glib 2.8]	g_strdupv [Glib 2.8]
g_strerror [Glib 2.8]	g_strescape [Glib 2.8]
g_strfreev [Glib 2.8]	g_string_ascii_down [Glib 2.8]
g_string_ascii_up [Glib 2.8]	g_strjoin [Glib 2.8]
g_strjoinv [Glib 2.8]	g_strlcat [Glib 2.8]
g_strlcpy [Glib 2.8]	g_strndup [Glib 2.8]
g_strnfill [Glib 2.8]	g_strreverse [Glib 2.8]
g_strrstr [Glib 2.8]	g_strrstr_len [Glib 2.8]
g_strsignal [Glib 2.8]	g_strsplit [Glib 2.8]
g_strsplit_set [Glib 2.8]	g_strstr_len [Glib 2.8]
g_strtod [Glib 2.8]	g_strv_length [Glib 2.8]
g_vasprintf [Glib 2.8]	g_vfprintf [Glib 2.8]
g_vprintf [Glib 2.8]	g_vsnprintf [Glib 2.8]
g_vsprintf [Glib 2.8]	

16.2.42 Glib Strings

16.2.42.1 Interfaces for Glib Strings

An LSB conforming implementation shall provide the generic functions for Glib Strings specified in Table 16-45, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-45 libglib-2.0 - Glib Strings Function Interfaces

g_string_append [Glib 2.8]	g_string_append_c [Glib 2.8]
g_string_append_len [Glib 2.8]	g_string_append_printf [Glib 2.8]
g_string_append_unichar [Glib 2.8]	g_string_assign [Glib 2.8]
g_string_equal [Glib 2.8]	g_string_erase [Glib 2.8]
g_string_free [Glib 2.8]	g_string_hash [Glib 2.8]
g_string_insert [Glib 2.8]	g_string_insert_c [Glib 2.8]
g_string_insert_len [Glib 2.8]	g_string_insert_unichar [Glib 2.8]
g_string_new [Glib 2.8]	g_string_new_len [Glib 2.8]

 © 2008 Linux Foundation

g_string_prepend [Glib 2.8]	g_string_prepend_c [Glib 2.8]
g_string_prepend_len [Glib 2.8]	g_string_prepend_unichar [Glib 2.8]
g_string_printf [Glib 2.8]	g_string_set_size [Glib 2.8]
g_string_sized_new [Glib 2.8]	g_string_truncate [Glib 2.8]

16.2.43 Glib - The Main Event Loop

16.2.43.1 Interfaces for Glib - The Main Event Loop

An LSB conforming implementation shall provide the generic functions for Glib - The Main Event Loop specified in Table 16-46, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-46 libglib-2.0 - Glib - The Main Event Loop Function Interfaces

g_child_watch_add [Glib 2.8]	g_child_watch_add_full [Glib 2.8]
g_child_watch_source_new [Glib 2.8]	g_idle_add [Glib 2.8]
g_idle_add_full [Glib 2.8]	g_idle_remove_by_data [Glib 2.8]
g_idle_source_new [Glib 2.8]	g_main_context_acquire [Glib 2.8]
g_main_context_add_poll [Glib 2.8]	g_main_context_check [Glib 2.8]
g_main_context_default [Glib 2.8]	g_main_context_dispatch [Glib 2.8]
g_main_context_find_source_by_funcs_user_data [Glib 2.8]	g_main_context_find_source_by_id [Glib 2.8]
g_main_context_find_source_by_user_data [Glib 2.8]	g_main_context_get_poll_func [Glib 2.8]
g_main_context_iteration [Glib 2.8]	g_main_context_new [Glib 2.8]
g_main_context_pending [Glib 2.8]	g_main_context_prepare [Glib 2.8]
g_main_context_query [Glib 2.8]	g_main_context_ref [Glib 2.8]
g_main_context_release [Glib 2.8]	g_main_context_remove_poll [Glib 2.8]
g_main_context_set_poll_func [Glib 2.8]	g_main_context_unref [Glib 2.8]
g_main_context_wait [Glib 2.8]	g_main_context_wakeup [Glib 2.8]
g_main_depth [Glib 2.8]	g_main_loop_get_context [Glib 2.8]
g_main_loop_is_running [Glib 2.8]	g_main_loop_new [Glib 2.8]
g_main_loop_quit [Glib 2.8]	g_main_loop_ref [Glib 2.8]
g_main_loop_run [Glib 2.8]	g_main_loop_unref [Glib 2.8]
g_source_add_poll [Glib 2.8]	g_source_attach [Glib 2.8]
g_source_destroy [Glib 2.8]	g_source_get_can_recurse [Glib 2.8]
g_source_get_context [Glib 2.8]	g_source_get_current_time [Glib 2.8]
g_source_get_id [Glib 2.8]	g_source_get_priority [Glib 2.8]
g_source_new [Glib 2.8]	g_source_ref [Glib 2.8]
g_source_remove [Glib 2.8]	g_source_remove_by_funcs_user_data [Glib 2.8]

g_source_remove_by_user_data [Glib 2.8]	g_source_remove_poll [Glib 2.8]
g_source_set_callback [Glib 2.8]	g_source_set_callback_indirect [Glib 2.8]
g_source_set_can_recurse [Glib 2.8]	g_source_set_priority [Glib 2.8]
g_source_unref [Glib 2.8]	g_timeout_add [Glib 2.8]
g_timeout_add_full [Glib 2.8]	g_timeout_source_new [Glib 2.8]

16.2.44 Glib Thread Pools

16.2.44.1 Interfaces for Glib Thread Pools

An LSB conforming implementation shall provide the generic functions for Glib Thread Pools specified in Table 16-47, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-47 libglib-2.0 - Glib Thread Pools Function Interfaces

g_thread_pool_free [Glib 2.8]	g_thread_pool_get_max_threads [Glib 2.8]
g_thread_pool_get_max_unused_threads [Glib 2.8]	g_thread_pool_get_num_threads [Glib 2.8]
g_thread_pool_get_num_unused_threads [Glib 2.8]	g_thread_pool_new [Glib 2.8]
g_thread_pool_push [Glib 2.8]	g_thread_pool_set_max_threads [Glib 2.8]
g_thread_pool_set_max_unused_threads [Glib 2.8]	g_thread_pool_stop_unused_threads [Glib 2.8]
g_thread_pool_unprocessed [Glib 2.8]	

16.2.45 Glib Threads

16.2.45.1 Interfaces for Glib Threads

An LSB conforming implementation shall provide the generic functions for Glib Threads specified in Table 16-48, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-48 libglib-2.0 - Glib Threads Function Interfaces

g_static_mutex_free [Glib 2.8]	g_static_mutex_init [Glib 2.8]
g_static_private_free [Glib 2.8]	g_static_private_get [Glib 2.8]
g_static_private_init [Glib 2.8]	g_static_private_set [Glib 2.8]
g_static_rec_mutex_free [Glib 2.8]	g_static_rec_mutex_init [Glib 2.8]
g_static_rec_mutex_lock [Glib 2.8]	g_static_rec_mutex_lock_full [Glib 2.8]
g_static_rec_mutex_trylock [Glib 2.8]	g_static_rec_mutex_unlock [Glib 2.8]
g_static_rec_mutex_unlock_full [Glib 2.8]	g_static_rw_lock_free [Glib 2.8]

 © 2008 Linux Foundation

g_static_rw_lock_init [Glib 2.8]	g_static_rw_lock_reader_lock [Glib 2.8]
g_static_rw_lock_reader_trylock [Glib 2.8]	g_static_rw_lock_reader_unlock [Glib 2.8]
g_static_rw_lock_writer_lock [Glib 2.8]	g_static_rw_lock_writer_trylock [Glib 2.8]
g_static_rw_lock_writer_unlock [Glib 2.8]	g_thread_create_full [Glib 2.8]
g_thread_error_quark [Glib 2.8]	g_thread_exit [Glib 2.8]
g_thread_join [Glib 2.8]	g_thread_self [Glib 2.8]
g_thread_set_priority [Glib 2.8]	

16.2.46 Glib Timers

16.2.46.1 Interfaces for Glib Timers

An LSB conforming implementation shall provide the generic functions for Glib Timers specified in Table 16-49, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-49 libglib-2.0 - Glib Timers Function Interfaces

g_timer_continue [Glib 2.8]	g_timer_destroy [Glib 2.8]
g_timer_elapsed [Glib 2.8]	g_timer_new [Glib 2.8]
g_timer_reset [Glib 2.8]	g_timer_start [Glib 2.8]
g_timer_stop [Glib 2.8]	

16.2.47 Glib Trash Stacks

16.2.47.1 Interfaces for Glib Trash Stacks

An LSB conforming implementation shall provide the generic functions for Glib Trash Stacks specified in Table 16-50, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-50 libglib-2.0 - Glib Trash Stacks Function Interfaces

g_trash_stack_height [Glib 2.8]	g_trash_stack_peek [Glib 2.8]
g_trash_stack_pop [Glib 2.8]	g_trash_stack_push [Glib 2.8]

16.2.48 Glib Unicode Manipulation

16.2.48.1 Interfaces for Glib Unicode Manipulation

An LSB conforming implementation shall provide the generic functions for Glib Unicode Manipulation specified in Table 16-51, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-51 libglib-2.0 - Glib Unicode Manipulation Function Interfaces

g_mkdir_with_parents [Glib 2.8]	g_ucs4_to_utf16 [Glib 2.8]
g_ucs4_to_utf8 [Glib 2.8]	g_unichar_break_type [Glib 2.8]
g_unichar_digit_value [Glib 2.8]	g_unichar_get_mirror_char [Glib 2.8]

g_unichar_isalnum [Glib 2.8]	g_unichar_isalpha [Glib 2.8]
g_unichar_iscntrl [Glib 2.8]	g_unichar_isdefined [Glib 2.8]
g_unichar_isdigit [Glib 2.8]	g_unichar_isgraph [Glib 2.8]
g_unichar_islower [Glib 2.8]	g_unichar_isprint [Glib 2.8]
g_unichar_ispunct [Glib 2.8]	g_unichar_isspace [Glib 2.8]
g_unichar_istitle [Glib 2.8]	g_unichar_isupper [Glib 2.8]
g_unichar_iswide [Glib 2.8]	g_unichar_isxdigit [Glib 2.8]
g_unichar_to_utf8 [Glib 2.8]	g_unichar_tolower [Glib 2.8]
g_unichar_totitle [Glib 2.8]	g_unichar_toupper [Glib 2.8]
g_unichar_type [Glib 2.8]	g_unichar_validate [Glib 2.8]
g_unichar_xdigit_value [Glib 2.8]	g_unicode_canonical_decomposition [Glib 2.8]
g_unicode_canonical_ordering [Glib 2.8]	g_utf16_to_ucs4 [Glib 2.8]
g_utf16_to_utf8 [Glib 2.8]	g_utf8_casefold [Glib 2.8]
g_utf8_collate [Glib 2.8]	g_utf8_collate_key [Glib 2.8]
g_utf8_collate_key_for_filename [Glib 2.8]	g_utf8_find_next_char [Glib 2.8]
g_utf8_find_prev_char [Glib 2.8]	g_utf8_get_char [Glib 2.8]
g_utf8_get_char_validated [Glib 2.8]	g_utf8_normalize [Glib 2.8]
g_utf8_offset_to_pointer [Glib 2.8]	g_utf8_pointer_to_offset [Glib 2.8]
g_utf8_prev_char [Glib 2.8]	g_utf8_strchr [Glib 2.8]
g_utf8_strdown [Glib 2.8]	g_utf8_strlen [Glib 2.8]
g_utf8_strncpy [Glib 2.8]	g_utf8_strrchr [Glib 2.8]
g_utf8_strreverse [Glib 2.8]	g_utf8_strup [Glib 2.8]
g_utf8_to_ucs4 [Glib 2.8]	g_utf8_to_ucs4_fast [Glib 2.8]
g_utf8_to_utf16 [Glib 2.8]	g_utf8_validate [Glib 2.8]

16.2.49 Glib Version Information

16.2.49.1 Interfaces for Glib Version Information

An LSB conforming implementation shall provide the generic functions for Glib Version Information specified in Table 16-52, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-52 libglib-2.0 - Glib Version Information Function Interfaces

glib_check_version [Glib 2.8]	

An LSB conforming implementation shall provide the generic data interfaces for Glib Version Information specified in Table 16-53, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-53 libglib-2.0 - Glib Version Information Data Interfaces

glib_binary_age [Glib 2.8]	glib_interface_age [Glib 2.8]

 © 2008 Linux Foundation

glib_major_version [Glib 2.8]	glib_mem_profiler_table [Glib 2.8]
glib_micro_version [Glib 2.8]	glib_minor_version [Glib 2.8]

16.3 Data Definitions for libglib-2.0

This section defines global identifiers and their values that are associated with interfaces contained in libglib-2.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.3.1 glib-2.0/glib.h

```
#define GLIB_HAVE_ALLOCA_H
#define GLIB_HAVE_SYS_POLL_H
#ifdef __cplusplus
# define G_BEGIN_DECLS  extern "C" {
#else
# define G_BEGIN_DECLS
#endif
#ifdef __cplusplus
# define G_END_DECLS  }
#else
# define G_END_DECLS
#endif
#define G_GINT32_MODIFIER       ""
#define G_GNUC_FUNCTION ""
#define G_GNUC_PRETTY_FUNCTION  ""
#define G_OPTION_REMAINING      ""
#define G_OS_UNIX
#define G_THREADS_ENABLED
#define G_THREADS_IMPL_POSIX
#define G_WIN32_DLLMAIN_FOR_DLL_NAME(static,dll_name)
#define G_CSET_LATINC    \
        "\300\301\302\303\304\305\306" \
                         "\307\310\311\312\313\314\315\316\317\320"
"\321\322\323\324\325\326" \
        "\330\331\332\333\334\335\336"
#define G_CSET_LATINS    \
        "\337\340\341\342\343\344\345\346" \
                         "\347\350\351\352\353\354\355\356\357\360"
"\361\362\363\364\365\366" \
        "\370\371\372\373\374\375\376\377"
#define g_mem_chunk_create(type,pre_alloc,alloc_type)    \
         ( g_mem_chunk_new (#type " mem chunks (" #pre_alloc ")",
sizeof \
        (type), sizeof (type) * (pre_alloc), (alloc_type)) )
#define G_NODE_IS_ROOT(node)     \
         (((GNode*) (node))->parent == NULL && ((GNode*) (node))-
```

```
>prev == NULL \
        && ((GNode*) (node))->next == NULL)
#define g_once(once,func,arg)    \
        (((once)->status == G_ONCE_STATUS_READY) ? (once)->retval
: \
        g_once_impl ((once), (func), (arg)))
#define CLAMP(x,low,high)        \
        (((x) > (high)) ? (high) : (((x) < (low)) ? (low) : (x)))
#define G_STRUCT_OFFSET(struct_type,member)      \
        ((glong) ((guint8*) &((struct_type*) 0)->member))
#define G_STRUCT_MEMBER_P(struct_p,struct_offset)        \
                 ((gpointer)  ((guint8*)  (struct_p)  +  (glong)
(struct_offset)))
#define GUINT16_SWAP_LE_BE_CONSTANT(val)         \
        ((guint16) ( (guint16) ((guint16) (val) >> 8) | (guint16)
((guint16) \
        (val) << 8)))
#define GUINT32_SWAP_LE_BE_CONSTANT(val)         \
         ((guint32) ( (((guint32) (val) & (guint32) 0x000000ffU)
<< 24) | \
           (((guint32) (val) & (guint32) 0x0000ff00U) << 8) |
(((guint32) (val) & \
           (guint32) 0x00ff0000U) >> 8) | (((guint32) (val) &
(guint32) \
        0xff000000U) >> 24)))
#define GUINT32_SWAP_LE_PDP(val)         \
         ((guint32) ( (((guint32) (val) & (guint32) 0x0000ffffU)
<< 16) | \
        (((guint32) (val) & (guint32) 0xffff0000U) >> 16)))
#define GUINT32_SWAP_BE_PDP(val)         \
         ((guint32) ( (((guint32) (val) & (guint32) 0x00ff00ffU)
<< 8) | \
        (((guint32) (val) & (guint32) 0xff00ff00U) >> 8)))
#define GUINT64_SWAP_LE_BE_CONSTANT(val)         \
                ((guint64)  (  (((guint64)  (val)  &  (guint64)
G_GINT64_CONSTANT \
           (0x00000000000000ffU)) << 56) | (((guint64) (val) &
(guint64) \
             G_GINT64_CONSTANT  (0x000000000000ff00U))  <<  40)  |
(((guint64) (val) & \
         (guint64) G_GINT64_CONSTANT (0x0000000000ff0000U)) << 24)
| \
              (((guint64)  (val)  &  (guint64)  G_GINT64_CONSTANT
(0x00000000ff000000U)) \
        << 8) | (((guint64) (val) & (guint64) G_GINT64_CONSTANT \
            (0x000000ff00000000U)) >> 8) | (((guint64) (val) &
(guint64) \
             G_GINT64_CONSTANT  (0x0000ff0000000000U))  >>  24)  |
(((guint64) (val) & \
         (guint64) G_GINT64_CONSTANT (0x00ff000000000000U)) >> 40)
| \
              (((guint64)  (val)  &  (guint64)  G_GINT64_CONSTANT
(0xff00000000000000U)) \
        >> 56)))
#define g_ascii_isalnum(c)       \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_ALNUM) != 0)
#define g_ascii_isalpha(c)       \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_ALPHA) != 0)
#define g_ascii_iscntrl(c)       \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_CNTRL) != 0)
#define g_ascii_isdigit(c)       \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_DIGIT) != 0)
#define g_ascii_isgraph(c)       \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_GRAPH) != 0)
#define g_ascii_islower(c)       \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_LOWER) != 0)
```

 © 2008 Linux Foundation

```
#define g_ascii_isprint(c)       \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_PRINT) != 0)
#define g_ascii_ispunct(c)       \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_PUNCT) != 0)
#define g_ascii_isspace(c)       \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_SPACE) != 0)
#define g_ascii_isupper(c)       \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_UPPER) != 0)
#define g_ascii_isxdigit(c)      \
        ((g_ascii_table[(guchar) (c)] & G_ASCII_XDIGIT) != 0)
#define G_HOOK_ACTIVE(hook)      \
        ((G_HOOK_FLAGS (hook) & G_HOOK_FLAG_ACTIVE) != 0)
#define G_HOOK_IN_CALL(hook)     \
        ((G_HOOK_FLAGS (hook) & G_HOOK_FLAG_IN_CALL) != 0)
#define g_node_first_child(node)         \
        ((node) ? ((GNode*) (node))->children : NULL)
#define g_node_next_sibling(node)        \
        ((node) ? ((GNode*) (node))->next : NULL)
#define g_node_prev_sibling(node)        \
        ((node) ? ((GNode*) (node))->prev : NULL)
#define g_new(struct_type,n_structs)     \
        ((struct_type *) g_malloc (((gsize) sizeof (struct_type))
* ((gsize) \
        (n_structs))))
#define g_new0(struct_type,n_structs)    \
                ((struct_type  *)  g_malloc0  (((gsize)  sizeof
(struct_type)) * ((gsize) \
        (n_structs))))
#define g_renew(struct_type,mem,n_structs)       \
            ((struct_type  *)  g_realloc  ((mem),  ((gsize)  sizeof
(struct_type)) * \
        ((gsize) (n_structs))))
#define g_newa(struct_type,n_structs)    \
              ((struct_type*)  g_alloca  (sizeof  (struct_type)  *
(gsize) \
        (n_structs)))
#define
G_STRUCT_MEMBER(member_type,struct_p,struct_offset)      \
               (*(member_type*)  G_STRUCT_MEMBER_P  ((struct_p),
(struct_offset)))
#define G_THREAD_UF(op,arglist)  \
        (*g_thread_functions_for_glib_use . op) arglist
#define GLIB_CHECK_VERSION(major,minor,micro)    \
          (GLIB_MAJOR_VERSION > (major) || (GLIB_MAJOR_VERSION ==
(major) && \
           GLIB_MINOR_VERSION > (minor)) || (GLIB_MAJOR_VERSION ==
(major) && \
            GLIB_MINOR_VERSION == (minor) && GLIB_MICRO_VERSION >=
(micro)))
#define g_atomic_int_dec_and_test(atomic)        \
        (g_atomic_int_exchange_and_add ((atomic), -1) == 1)
#define g_static_mutex_get_mutex_impl_shortcut(mutex)    \
        (g_atomic_pointer_get ((gpointer*)mutex) ? *(mutex) : \
        g_static_mutex_get_mutex_impl (mutex))
#define g_datalist_get_data(dl,k)        \
        (g_datalist_id_get_data ((dl), g_quark_try_string (k)))
#define g_dataset_get_data(l,k)  \
        (g_dataset_id_get_data ((l), g_quark_try_string (k)))
#define G_HOOK_IS_VALID(hook)    \
        (G_HOOK (hook)->hook_id != 0 && (G_HOOK_FLAGS (hook) & \
        G_HOOK_FLAG_ACTIVE))
#define G_HOOK_IS_UNLINKED(hook)         \
          (G_HOOK (hook)->next == NULL && G_HOOK (hook)->prev ==
NULL && G_HOOK \
        (hook)->hook_id == 0 && G_HOOK (hook)->ref_count == 0)
#define g_thread_create(func,data,joinable,error)        \
```

```
        (g_thread_create_full (func, data, 0, joinable, FALSE, \
        G_THREAD_PRIORITY_NORMAL, error))
#define G_THREAD_ECF(op,fail,mutex,type)         \
             (g_thread_supported () ? ((type(*)(GMutex*, gulong,
gchar*)) \
              (*g_thread_functions_for_glib_use  .  op))  (mutex,
G_MUTEX_DEBUG_MAGIC, \
        G_STRLOC) : (fail))
#define G_THREAD_CF(op,fail,arg)         \
        (g_thread_supported () ? G_THREAD_UF (op, arg) : (fail))
#define g_static_mutex_get_mutex(mutex)  \
             (g_thread_use_default_impl  ?  ((GMutex*)  &((mutex)-
>static_mutex)) : \
              g_static_mutex_get_mutex_impl_shortcut  (&((mutex)-
>runtime_mutex)))
#define G_LOCK_DEFINE(name)      \
        GStaticMutex G_LOCK_NAME (name) = G_STATIC_MUTEX_INIT
#define g_datalist_remove_no_notify(dl,k)        \
         g_datalist_id_remove_no_notify ((dl), g_quark_try_string
(k))
#define g_datalist_id_remove_data(dl,q)  \
        g_datalist_id_set_data ((dl), (q), NULL)
#define g_datalist_remove_data(dl,k)     \
           g_datalist_id_set_data ((dl),  g_quark_try_string  (k),
NULL)
#define g_datalist_id_set_data(dl,q,d)   \
        g_datalist_id_set_data_full ((dl), (q), (d), NULL)
#define g_datalist_set_data_full(dl,k,d,f)       \
           g_datalist_id_set_data_full ((dl),  g_quark_from_string
(k), (d), (f))
#define g_datalist_set_data(dl,k,d)      \
        g_datalist_set_data_full ((dl), (k), (d), NULL)
#define g_dataset_remove_no_notify(l,k)  \
           g_dataset_id_remove_no_notify ((l),  g_quark_try_string
(k))
#define g_dataset_id_remove_data(l,k)    \
        g_dataset_id_set_data ((l), (k), NULL)
#define g_dataset_remove_data(l,k)       \
        g_dataset_id_set_data ((l), g_quark_try_string (k), NULL)
#define g_dataset_id_set_data(l,k,d)     \
        g_dataset_id_set_data_full ((l), (k), (d), NULL)
#define g_dataset_set_data_full(l,k,d,f)         \
         g_dataset_id_set_data_full ((l), g_quark_from_string (k),
(d), (f))
#define g_dataset_set_data(l,k,d)        \
        g_dataset_set_data_full ((l), (k), (d), NULL)
#define g_hook_append(hook_list,hook)    \
        g_hook_insert_before ((hook_list), NULL, (hook))
#define g_critical(...)  \
        g_log (G_LOG_DOMAIN, G_LOG_LEVEL_CRITICAL, __VA_ARGS__)
#define g_message(...)   \
        g_log (G_LOG_DOMAIN, G_LOG_LEVEL_MESSAGE, __VA_ARGS__)
#define g_warning(...)   \
        g_log (G_LOG_DOMAIN, G_LOG_LEVEL_WARNING, __VA_ARGS__)
#define g_static_mutex_lock(mutex)       \
        g_mutex_lock (g_static_mutex_get_mutex (mutex))
#define g_static_mutex_trylock(mutex)    \
        g_mutex_trylock (g_static_mutex_get_mutex (mutex))
#define g_static_mutex_unlock(mutex)     \
        g_mutex_unlock (g_static_mutex_get_mutex (mutex))
#define g_node_insert_data(parent,position,data)         \
        g_node_insert ((parent), (position), g_node_new (data))
#define g_node_insert_data_before(parent,sibling,data)   \
           g_node_insert_before ((parent),  (sibling),  g_node_new
(data))
#define g_node_append(parent,node)       \
```

 © 2008 Linux Foundation

```
        g_node_insert_before ((parent), NULL, (node))
#define g_node_append_data(parent,data)  \
        g_node_insert_before ((parent), NULL, g_node_new (data))
#define g_node_prepend_data(parent,data)         \
        g_node_prepend ((parent), g_node_new (data))
#define g_chunk_free(mem,mem_chunk)      \
         G_STMT_START { g_mem_chunk_free ((mem_chunk), (mem)); }
G_STMT_END
#define g_memmove(d,s,n)         \
        G_STMT_START { memmove ((d), (s), (n)); } G_STMT_END
#define g_assert_not_reached()   \
         G_STMT_START{ g_assert_warning (G_LOG_DOMAIN, __FILE__,
__LINE__, \
        __PRETTY_FUNCTION__, NULL); }G_STMT_END
#define g_return_val_if_reached(val)     \
         G_STMT_START{ g_log (G_LOG_DOMAIN, G_LOG_LEVEL_CRITICAL,
"file %s: \
        line %d (%s): should not be reached", __FILE__, __LINE__,
\
        __PRETTY_FUNCTION__); return (val); }G_STMT_END
#define g_return_if_reached()    \
         G_STMT_START{ g_log (G_LOG_DOMAIN, G_LOG_LEVEL_CRITICAL,
"file %s: \
        line %d (%s): should not be reached", __FILE__, __LINE__,
\
        __PRETTY_FUNCTION__); return; }G_STMT_END
#define g_assert(expr)   \
        G_STMT_START{ if G_LIKELY(expr) { } else g_assert_warning
\
          (G_LOG_DOMAIN, __FILE__, __LINE__, __PRETTY_FUNCTION__,
#expr); \
        }G_STMT_END
#define g_return_val_if_fail(expr,val)   \
                  G_STMT_START{  if  G_LIKELY(expr)  {  }  else
{ g_return_if_fail_warning \
        (G_LOG_DOMAIN, __PRETTY_FUNCTION__, #expr); return (val);
}; \
        }G_STMT_END
#define g_return_if_fail(expr)   \
                  G_STMT_START{  if  G_LIKELY(expr)  {  }  else
{ g_return_if_fail_warning \
         (G_LOG_DOMAIN, __PRETTY_FUNCTION__, #expr); return; }; }
G_STMT_END
#define g_cond_broadcast(cond)   \
        G_THREAD_CF (cond_broadcast, (void)0, (cond))
#define g_cond_timed_wait(cond,mutex,abs_time)   \
             G_THREAD_CF  (cond_timed_wait,  TRUE,  (cond,  mutex,
abs_time))
#define g_cond_wait(cond,mutex)  \
        G_THREAD_CF (cond_wait, (void)0, (cond, mutex))
#define g_private_get(private_key)       \
              G_THREAD_CF  (private_get,  ((gpointer)private_key),
(private_key))
#define g_private_set(private_key,value)         \
               G_THREAD_CF  (private_set,  (void)  (private_key  =
(GPrivate*) (value)), \
        (private_key, value))
#define G_GNUC_PRINTF(format_idx,arg_idx)        \
              __attribute__((__format__  (__printf__,  format_idx,
arg_idx)))
#define G_GNUC_SCANF(format_idx,arg_idx)         \
               __attribute__((__format__  (__scanf__,  format_idx,
arg_idx)))
#define G_STATIC_RW_LOCK_INIT    \
        { G_STATIC_MUTEX_INIT, NULL, NULL, 0, FALSE, 0, 0 }
#define G_STRINGIFY_ARG(contents)       #contents
```

```
#define G_DIR_SEPARATOR '/'
#define  g_chunk_new(type,chunk)  (  (type  *)  g_mem_chunk_alloc
(chunk) )
#define  g_chunk_new0(type,chunk)                    (   (type   *)
g_mem_chunk_alloc0 (chunk) )
#define MIN(a,b)        (((a) < (b)) ? (a) : (b))
#define ABS(a)  (((a) < 0) ? -(a) : (a))
#define MAX(a,b)        (((a) > (b)) ? (a) : (b))
#define  G_NODE_IS_LEAF(node)      (((GNode*) (node))->children ==
NULL)
#define g_array_index(a,t,i)    (((t*) (void *) (a)->data) [(i)])
#define g_ptr_array_index(array,index_) ((array)->pdata)[index_]
#define G_IS_DIR_SEPARATOR(c)   ((c) == G_DIR_SEPARATOR)
#define G_STRFUNC       ((const char*) (__PRETTY_FUNCTION__))
#define G_LOG_DOMAIN    ((gchar*) 0)
#define G_HOOK(hook)    ((GHook*) (hook))
#define GINT_TO_BE(val) ((gint) GINT32_TO_BE (val))
#define GINT_TO_LE(val) ((gint) GINT32_TO_LE (val))
#define GINT16_TO_LE(val)       ((gint16) (val))
#define G_MAXINT16      ((gint16) 0x7fff)
#define G_MININT16      ((gint16) 0x8000)
#define  GINT16_TO_BE(val)           ((gint16)  GUINT16_SWAP_LE_BE
(val))
#define GINT32_TO_LE(val)       ((gint32) (val))
#define G_MAXINT32      ((gint32) 0x7fffffff)
#define G_MININT32      ((gint32) 0x80000000)
#define  GINT32_TO_BE(val)           ((gint32)  GUINT32_SWAP_LE_BE
(val))
#define GINT64_TO_LE(val)       ((gint64) (val))
#define  GINT64_TO_BE(val)           ((gint64)  GUINT64_SWAP_LE_BE
(val))
#define G_MAXINT8       ((gint8) 0x7f)
#define G_MININT8       ((gint8) 0x80)
#define GSIZE_TO_POINTER(s)     ((gpointer) (gsize) (s))
#define GPOINTER_TO_SIZE(p)     ((gsize) (p))
#define GUINT_TO_BE(val)        ((guint) GUINT32_TO_BE (val))
#define GUINT_TO_LE(val)        ((guint) GUINT32_TO_LE (val))
#define GUINT16_SWAP_LE_PDP(val)        ((guint16) (val))
#define GUINT16_TO_LE(val)      ((guint16) (val))
#define G_MAXUINT16     ((guint16) 0xffff)
#define GUINT32_TO_LE(val)      ((guint32) (val))
#define G_MAXUINT32     ((guint32) 0xffffffff)
#define GUINT64_TO_LE(val)      ((guint64) (val))
#define G_MAXUINT8      ((guint8) 0xff)
#define g_random_boolean()      ((g_random_int () & (1 << 15)) !=
0)
#define g_rand_boolean(rand_)   ((g_rand_int (rand_) & (1 << 15))
!= 0)
#define  g_list_next(list)          ((list) ? (((GList *)(list))-
>next) : NULL)
#define  g_list_previous(list)     ((list) ? (((GList *)(list))-
>prev) : NULL)
#define g_slist_next(slist)      ((slist) ? (((GSList *)(slist))-
>next) : NULL)
#define g_atomic_int_get(atomic)        (*(atomic))
#define g_atomic_pointer_get(atomic)    (*(atomic))
#define G_LOG_2_BASE_10 (0.30102999566398119521)
#define G_ALLOCATOR_LIST        (1)
#define G_IEEE754_DOUBLE_BIAS   (1023)
#define G_IEEE754_FLOAT_BIAS    (127)
#define G_ALLOCATOR_SLIST       (2)
#define G_ASCII_DTOSTR_BUF_SIZE (29 + 10)
#define G_ALLOCATOR_NODE        (3)
#define G_HOOK_FLAG_USER_SHIFT  (4)
#define G_LOG_LEVEL_USER_SHIFT  (8)
#define g_ATEXIT(proc)  (atexit (proc))
```

 © 2008 Linux Foundation

```
#define   g_utf8_next_char(p)                (char   *)((p)   +
g_utf8_skip[*(const guchar *)(p)])
#define G_LIKELY(expr)  (expr)
#define G_UNLIKELY(expr)        (expr)
#define GINT16_FROM_BE(val)     (GINT16_TO_BE (val))
#define GINT16_FROM_LE(val)     (GINT16_TO_LE (val))
#define GINT32_FROM_BE(val)     (GINT32_TO_BE (val))
#define GINT32_FROM_LE(val)     (GINT32_TO_LE (val))
#define GINT64_FROM_BE(val)     (GINT64_TO_BE (val))
#define GINT64_FROM_LE(val)     (GINT64_TO_LE (val))
#define GINT_FROM_BE(val)       (GINT_TO_BE (val))
#define GINT_FROM_LE(val)       (GINT_TO_LE (val))
#define GLONG_FROM_BE(val)      (GLONG_TO_BE (val))
#define GLONG_FROM_LE(val)      (GLONG_TO_LE (val))
#define g_ntohs(val)    (GUINT16_FROM_BE (val))
#define  GUINT16_SWAP_BE_PDP(val)             (GUINT16_SWAP_LE_BE
(val))
#define GUINT16_TO_BE(val)      (GUINT16_SWAP_LE_BE (val))
#define    GUINT16_SWAP_LE_BE(val)    (GUINT16_SWAP_LE_BE_CONSTANT
(val))
#define GUINT16_FROM_BE(val)    (GUINT16_TO_BE (val))
#define g_htons(val)    (GUINT16_TO_BE (val))
#define GUINT16_FROM_LE(val)    (GUINT16_TO_LE (val))
#define g_ntohl(val)    (GUINT32_FROM_BE (val))
#define GUINT32_TO_BE(val)      (GUINT32_SWAP_LE_BE (val))
#define    GUINT32_SWAP_LE_BE(val)    (GUINT32_SWAP_LE_BE_CONSTANT
(val))
#define GUINT32_FROM_BE(val)    (GUINT32_TO_BE (val))
#define g_htonl(val)    (GUINT32_TO_BE (val))
#define GUINT32_FROM_LE(val)    (GUINT32_TO_LE (val))
#define GUINT64_TO_BE(val)      (GUINT64_SWAP_LE_BE (val))
#define    GUINT64_SWAP_LE_BE(val)    (GUINT64_SWAP_LE_BE_CONSTANT
(val))
#define GUINT64_FROM_BE(val)    (GUINT64_TO_BE (val))
#define GUINT64_FROM_LE(val)    (GUINT64_TO_LE (val))
#define GUINT_FROM_BE(val)      (GUINT_TO_BE (val))
#define GUINT_FROM_LE(val)      (GUINT_TO_LE (val))
#define GULONG_FROM_BE(val)     (GULONG_TO_BE (val))
#define GULONG_FROM_LE(val)     (GULONG_TO_LE (val))
#define  g_atomic_int_inc(atomic)               (g_atomic_int_add
((atomic), 1))
#define G_HOOK_FLAGS(hook)      (G_HOOK (hook)->flags)
#define  G_LOG_FATAL_MASK                (G_LOG_FLAG_RECURSION  |
G_LOG_LEVEL_ERROR)
#define G_OPTION_ERROR  (g_option_error_quark ())
#define g_thread_supported()    (g_threads_got_initialized)
#define G_N_ELEMENTS(arr)          (sizeof (arr) / sizeof ((arr)
[0]))
#define G_STMT_START    (void) __extension__ (
#define G_STMT_END      )
#define G_PRIORITY_HIGH -100
#define G_DIR_SEPARATOR_S       "/"
#define G_HAVE_GROWING_STACK    0
#define G_PRIORITY_DEFAULT      0
#define                                                    G_LN2
0.693147180559945309417232121458176568075500134360255
#define                                                  G_PI_4
0.785398163397448309615660845819875721049292349843776
#define G_CSET_DIGITS   "0123456789"
#define G_DATE_BAD_DAY  0U
#define G_DATE_BAD_JULIAN       0U
#define G_DATE_BAD_YEAR 0U
#define G_MUTEX_DEBUG_MAGIC     0xf8e18ad7
#define G_ALLOC_ONLY    1
#define G_CAN_INLINE    1
#define G_HAVE_GINT64   1
```

```
#define G_HAVE_GNUC_VARARGS     1
#define G_HAVE_GNUC_VISIBILITY  1
#define G_HAVE_INLINE   1
#define G_HAVE_ISO_VARARGS      1
#define G_HAVE___INLINE 1
#define G_HAVE___INLINE__       1
#define                                                         G_SQRT2
1.41421356237309504880168872420969807856967187537 69
#define                                                          G_PI_2
1.57079632679489661923132169163975144209858469968 76
#define G_PRIORITY_HIGH_IDLE    100
#define G_USEC_PER_SEC  1000000
#define G_LITTLE_ENDIAN 1234
#define GLIB_MAJOR_VERSION      2
#define G_ALLOC_AND_FREE        2
#define                                                         G_LN10
2.30258509299404568401799145468436420760110148862 88
#define                                                            G_E
2.71828182845904523536028747135266249775724709370 00
#define G_PRIORITY_DEFAULT_IDLE 200
#define                                                           G_PI
3.14159265358979323846264338327950288419716939937 51
#define G_PRIORITY_LOW  300
#define G_PDP_ENDIAN    3412
#define G_BIG_ENDIAN    4321
#define GLIB_MICRO_VERSION      6
#define GLIB_MINOR_VERSION      8
#define G_SEARCHPATH_SEPARATOR  :
#define G_SEARCHPATH_SEPARATOR_S        ":"
#define GLIB_SYSDEF_POLLIN      =1
#define GLIB_SYSDEF_POLLHUP     =16
#define GLIB_SYSDEF_POLLPRI     =2
#define GLIB_SYSDEF_POLLNVAL    =32
#define GLIB_SYSDEF_POLLOUT     =4
#define GLIB_SYSDEF_POLLERR     =8
#define G_CSET_A_2_Z    "ABCDEFGHIJKLMNOPQRSTUVWXYZ"
#define G_CSET_a_2_z    "abcdefghijklmnopqrstuvwxyz"
#define g_alloca(size)  alloca (size)
#define G_CONST_RETURN  const
#define G_MAXDOUBLE     DBL_MAX
#define G_MINDOUBLE     DBL_MIN
#define GLIB_VAR        extern
#define G_LOCK_EXTERN(name)       extern GStaticMutex G_LOCK_NAME
(name)
#define G_INLINE_FUNC   extern inline
#define G_MAXFLOAT      FLT_MAX
#define G_MINFLOAT      FLT_MIN
#define G_MEM_ALIGN     GLIB_SIZEOF_LONG
#define g_array_append_val(a,v) g_array_append_vals (a, &(v), 1)
#define g_array_insert_val(a,i,v)         g_array_insert_vals (a,
i, &(v), 1)
#define g_array_prepend_val(a,v)         g_array_prepend_vals (a,
&(v), 1)
#define ATEXIT(proc)    g_ATEXIT(proc)
#define G_CONVERT_ERROR g_convert_error_quark()
#define g_date_day      g_date_get_day
#define g_date_days_in_month    g_date_get_days_in_month
#define g_date_day_of_year      g_date_get_day_of_year
#define g_date_julian   g_date_get_julian
#define                                 g_date_monday_weeks_in_year
g_date_get_monday_weeks_in_year
#define                                  g_date_monday_week_of_year
g_date_get_monday_week_of_year
#define g_date_month    g_date_get_month
#define                                 g_date_sunday_weeks_in_year
g_date_get_sunday_weeks_in_year
```

 © 2008 Linux Foundation

```
#define                                 g_date_sunday_week_of_year
g_date_get_sunday_week_of_year
#define g_date_weekday  g_date_get_weekday
#define g_date_year     g_date_get_year
#define G_FILE_ERROR    g_file_error_quark ()
#define G_MAXINT64      G_GINT64_CONSTANT(0x7fffffffffffffff)
#define G_MININT64      G_GINT64_CONSTANT(0x8000000000000000)
#define G_MAXUINT64     G_GINT64_CONSTANT(0xffffffffffffffffU)
#define G_IO_CHANNEL_ERROR      g_io_channel_error_quark()
#define G_KEY_FILE_ERROR        g_key_file_error_quark()
#define g_debug(...)     g_log (G_LOG_DOMAIN,  G_LOG_LEVEL_DEBUG,
__VA_ARGS__)
#define g_error(...)     g_log (G_LOG_DOMAIN,  G_LOG_LEVEL_ERROR,
__VA_ARGS__)
#define G_MARKUP_ERROR  g_markup_error_quark ()
#define G_SHELL_ERROR   g_shell_error_quark ()
#define G_SPAWN_ERROR   g_spawn_error_quark ()
#define G_LOCK(name)    g_static_mutex_lock (&G_LOCK_NAME (name))
#define   G_TRYLOCK(name)   g_static_mutex_trylock   (&G_LOCK_NAME
(name))
#define   G_UNLOCK(name)     g_static_mutex_unlock   (&G_LOCK_NAME
(name))
#define g_strstrip(string)      g_strchomp (g_strchug (string))
#define   G_STRINGIFY(macro_or_string)            G_STRINGIFY_ARG
(macro_or_string)
#define g_cond_free(cond)        G_THREAD_CF (cond_free, (void)0,
(cond))
#define  g_cond_signal(cond)           G_THREAD_CF  (cond_signal,
(void)0, (cond))
#define g_mutex_free(mutex)     G_THREAD_CF (mutex_free, (void)0,
(mutex))
#define g_mutex_lock(mutex)     G_THREAD_CF (mutex_lock, (void)0,
(mutex))
#define g_mutex_trylock(mutex)  G_THREAD_CF (mutex_trylock, TRUE,
(mutex))
#define  g_mutex_unlock(mutex)       G_THREAD_CF  (mutex_unlock,
(void)0, (mutex))
#define  g_thread_yield()             G_THREAD_CF  (thread_yield,
(void)0, ())
#define G_THREAD_ERROR  g_thread_error_quark ()
#define g_cond_new()    G_THREAD_UF (cond_new, ())
#define g_mutex_new()   G_THREAD_UF (mutex_new, ())
#define g_private_new(destructor)       G_THREAD_UF (private_new,
(destructor))
#define G_LOCK_NAME(name)       g__ ## name ## _lock
#define G_GINT16_MODIFIER       "h"
#define G_GINT16_FORMAT "hi"
#define G_GUINT16_FORMAT        "hu"
#define G_GINT32_FORMAT "i"
#define G_MAXINT        INT_MAX
#define G_MININT        INT_MIN
#define G_MAXLONG       LONG_MAX
#define G_MINLONG       LONG_MIN
#define G_MAXSHORT      SHRT_MAX
#define G_MINSHORT      SHRT_MIN
#define G_MODULE_SUFFIX "so"
#define  G_LOCK_DEFINE_STATIC(name)          static  G_LOCK_DEFINE
(name)
#define G_GUINT32_FORMAT        "u"
#define G_MAXUINT       UINT_MAX
#define G_MAXULONG      ULONG_MAX
#define G_MAXUSHORT     USHRT_MAX
#define G_VA_COPY       va_copy
#define G_STR_DELIMITERS        "_-|> <."
#define G_GNUC_INTERNAL __attribute__((visibility("hidden")))
#define G_GNUC_CONST    __attribute__((__const__))
```

```
#define G_GNUC_DEPRECATED       __attribute__((__deprecated__))
#define   G_GNUC_FORMAT(arg_idx)     __attribute__((__format_arg__
(arg_idx)))
#define G_GNUC_MALLOC   __attribute__((__malloc__))
#define G_GNUC_NORETURN __attribute__((__noreturn__))
#define                                      G_GNUC_NO_INSTRUMENT
__attribute__((__no_instrument_function__))
#define G_GNUC_PURE     __attribute__((__pure__))
#define G_GNUC_UNUSED   __attribute__((__unused__))
#define alloca(size)    __builtin_alloca (size)
#define G_GNUC_EXTENSION        __extension__
#define G_STRLOC        __FILE__ ":" G_STRINGIFY (__LINE__)
#define G_STATIC_PRIVATE_INIT   { 0 }
#define G_ONCE_INIT     { G_ONCE_STATUS_NOTCALLED, NULL }
#define G_STATIC_REC_MUTEX_INIT { G_STATIC_MUTEX_INIT }

typedef short unsigned int guint16;
typedef int gint;
typedef gint gboolean;
typedef unsigned int guint;
typedef void *gpointer;
typedef gpointer(*GThreadFunc) (gpointer);
typedef enum {
    G_THREAD_PRIORITY_LOW = 0,
    G_THREAD_PRIORITY_NORMAL = 1,
    G_THREAD_PRIORITY_HIGH = 2,
    G_THREAD_PRIORITY_URGENT = 3
} GThreadPriority;
typedef struct _GThread {
    GThreadFunc func;
    gpointer data;
    gboolean joinable;
    GThreadPriority priority;
} GThread;
typedef unsigned int guint32;
typedef guint32 GQuark;
typedef char gchar;
typedef struct _GError {
    GQuark domain;
    gint code;
    gchar *message;
} GError;
typedef void (*GPrintFunc) (const gchar *);
typedef struct _GMemChunk GMemChunk;
typedef long unsigned int gulong;
typedef struct _GList {
    gpointer data;
    GList *next;
    GList *prev;
} GList;
typedef struct _GMainLoop GMainLoop;
typedef struct _GHook {
    gpointer data;
    GHook *next;
    GHook *prev;
    guint ref_count;
    gulong hook_id;
    guint flags;
    gpointer func;
    GDestroyNotify destroy;
} GHook;
typedef void (*GDestroyNotify) (gpointer);
typedef struct _GHookList {
    gulong seq_id;
    guint hook_size:16;
    guint is_setup:1;
```

 © 2008 Linux Foundation

```
    GHook *hooks;
    gpointer dummy3;
    GHookFinalizeFunc finalize_hook;
    gpointer dummy[2];
} GHookList;
typedef void (*GHookFinalizeFunc) (GHookList *, GHook *);
typedef struct _GQueue {
    GList *head;
    GList *tail;
    guint length;
} GQueue;
typedef struct _GSList {
    gpointer data;
    GSList *next;
} GSList;
typedef struct _GString {
    gchar *str;
    gsize len;
    gsize allocated_len;
} GString;
typedef struct _GPtrArray {
    gpointer *pdata;
    guint len;
} GPtrArray;
typedef struct _GRand GRand;
typedef struct _GDir GDir;
typedef struct _GRelation GRelation;
typedef struct _GOptionContext GOptionContext;
typedef struct _GKeyFile GKeyFile;
typedef struct _GPatternSpec GPatternSpec;
typedef guint32 gunichar;
typedef gchar *(*GCompletionFunc) (gpointer);
typedef gint(*GCompletionStrncmpFunc) (const gchar *, const gchar
*,
                                       gsize);
typedef struct _GCompletion {
    GList *items;
    GCompletionFunc func;
    gchar *prefix;
    GList *cache;
    GCompletionStrncmpFunc strncmp_func;
} GCompletion;
typedef struct _GTimer GTimer;
typedef struct _GHashTable GHashTable;
typedef const void *gconstpointer;
typedef guint(*GHashFunc) (gconstpointer);
typedef gboolean(*GEqualFunc) (gconstpointer, gconstpointer);
typedef struct _GStaticMutex {
    struct _GMutex *runtime_mutex;
    union {
        char pad[GLIB_LSB_PADDING_SIZE];
        double dummy_double;
        void *dummy_pointer;
        long int dummy_long;
    } static_mutex;
} GStaticMutex;
typedef union _GSystemThread {
    char data[GLIB_LSB_DATA_SIZE];
    double dummy_double;
    void *dummy_pointer;
    long int dummy_long;
} GSystemThread;
typedef struct _GStaticRecMutex {
    GStaticMutex mutex;
    guint depth;
    GSystemThread owner;
```

```
} GStaticRecMutex;
typedef struct _GMarkupParseContext GMarkupParseContext;
typedef struct _GData GData;
typedef enum {
    G_IO_STATUS_ERROR = 0,
    G_IO_STATUS_NORMAL = 1,
    G_IO_STATUS_EOF = 2,
    G_IO_STATUS_AGAIN = 3
} GIOStatus;
typedef struct _GIOChannel {
    guint ref_count;
    GIOFuncs *funcs;
    gchar *encoding;
    GIConv read_cd;
    GIConv write_cd;
    gchar *line_term;
    guint line_term_len;
    gsize buf_size;
    GString *read_buf;
    GString *encoded_read_buf;
    GString *write_buf;
    gchar partial_write_buf[6];
    guint use_buffer:1;
    guint do_encode:1;
    guint close_on_unref:1;
    guint is_readable:1;
    guint is_writeable:1;
    guint is_seekable:1;
    gpointer reserved1;
    gpointer reserved2;
} GIOChannel;
typedef enum {
    G_SEEK_CUR = 0,
    G_SEEK_SET = 1,
    G_SEEK_END = 2
} GSeekType;
typedef struct _GSource {
    gpointer callback_data;
    GSourceCallbackFuncs *callback_funcs;
    GSourceFuncs *source_funcs;
    guint ref_count;
    GMainContext *context;
    gint priority;
    guint flags;
    guint source_id;
    GSList *poll_fds;
    GSource *prev;
    GSource *next;
    gpointer reserved1;
    gpointer reserved2;
} GSource;
typedef gboolean(*GSourceFunc) (gpointer);
typedef struct _GSourceCallbackFuncs {
    void (*ref) (gpointer);
    void (*unref) (gpointer);
    void (*get) (gpointer, GSource *, GSourceFunc *, gpointer *);
} GSourceCallbackFuncs;
typedef void (*GSourceDummyMarshal) (void);
typedef struct _GSourceFuncs {
    gboolean(*prepare) (GSource *, gint *);
    gboolean(*check) (GSource *);
    gboolean(*dispatch) (GSource *, GSourceFunc, gpointer);
    void (*finalize) (GSource *);
    GSourceFunc closure_callback;
    GSourceDummyMarshal closure_marshal;
} GSourceFuncs;
```

 © 2008 Linux Foundation

```
typedef struct _GMainContext GMainContext;
typedef enum {
    G_IO_IN = 1,
    G_IO_OUT = 4,
    G_IO_PRI = 2,
    G_IO_ERR = 8,
    G_IO_HUP = 16,
    G_IO_NVAL = 32
} GIOCondition;
typedef enum {
    G_IO_FLAG_APPEND = 1,
    G_IO_FLAG_NONBLOCK = 2,
    G_IO_FLAG_IS_READABLE = 4,
    G_IO_FLAG_IS_WRITEABLE = 8,
    G_IO_FLAG_IS_SEEKABLE = 16,
    G_IO_FLAG_MASK = 31,
    G_IO_FLAG_GET_MASK = 31,
    G_IO_FLAG_SET_MASK = 3
} GIOFlags;
typedef struct _GIOFuncs {
    GIOStatus(*io_read) (GIOChannel *, gchar *, gsize, gsize *,
                         GError * *);
      GIOStatus(*io_write) (GIOChannel *, const gchar *, gsize,
gsize *,
                            GError * *);
     GIOStatus(*io_seek) (GIOChannel *, gint64, GSeekType, GError
* *);
    GIOStatus(*io_close) (GIOChannel *, GError * *);
    GSource *(*io_create_watch) (GIOChannel *, GIOCondition);
    void (*io_free) (GIOChannel *);
       GIOStatus(*io_set_flags) (GIOChannel *, GIOFlags, GError *
*);
     GIOFlags(*io_get_flags) (GIOChannel *);
} GIOFuncs;
typedef struct _GIConv *GIConv;
typedef struct _GOptionGroup GOptionGroup;
typedef enum {
    G_SPAWN_LEAVE_DESCRIPTORS_OPEN = 1,
    G_SPAWN_DO_NOT_REAP_CHILD = 2,
    G_SPAWN_SEARCH_PATH = 4,
    G_SPAWN_STDOUT_TO_DEV_NULL = 8,
    G_SPAWN_STDERR_TO_DEV_NULL = 16,
    G_SPAWN_CHILD_INHERITS_STDIN = 32,
    G_SPAWN_FILE_AND_ARGV_ZERO = 64
} GSpawnFlags;
typedef void (*GSpawnChildSetupFunc) (gpointer);
typedef int GPid;
typedef void (*GFunc) (gpointer, gpointer);
typedef struct _GThreadPool {
    GFunc func;
    gpointer user_data;
    gboolean exclusive;
} GThreadPool;
typedef struct _GDate {
    guint julian_days:32;
    guint julian:1;
    guint dmy:1;
    guint day:6;
    guint month:4;
    guint year:16;
} GDate;
typedef enum {
    G_DATE_BAD_MONTH = 0,
    G_DATE_JANUARY = 1,
    G_DATE_FEBRUARY = 2,
    G_DATE_MARCH = 3,
```

```
    G_DATE_APRIL = 4,
    G_DATE_MAY = 5,
    G_DATE_JUNE = 6,
    G_DATE_JULY = 7,
    G_DATE_AUGUST = 8,
    G_DATE_SEPTEMBER = 9,
    G_DATE_OCTOBER = 10,
    G_DATE_NOVEMBER = 11,
    G_DATE_DECEMBER = 12
} GDateMonth;
typedef struct _GAsyncQueue GAsyncQueue;
typedef short unsigned int gushort;
typedef struct _GPollFD {
    gint fd;
    gushort events;
    gushort revents;
} GPollFD;
typedef double gdouble;
typedef struct _GTree GTree;
typedef  gint(*GCompareDataFunc)  (gconstpointer,  gconstpointer,
gpointer);
typedef unsigned char guint8;
typedef guint16 GDateYear;
typedef struct _GCache GCache;
typedef void (*GHFunc) (gpointer, gpointer, gpointer);
typedef struct _GScannerConfig {
    gchar *cset_skip_characters;
    gchar *cset_identifier_first;
    gchar *cset_identifier_nth;
    gchar *cpair_comment_single;
    guint case_sensitive:1;
    guint skip_comment_multi:1;
    guint skip_comment_single:1;
    guint scan_comment_multi:1;
    guint scan_identifier:1;
    guint scan_identifier_1char:1;
    guint scan_identifier_NULL:1;
    guint scan_symbols:1;
    guint scan_binary:1;
    guint scan_octal:1;
    guint scan_float:1;
    guint scan_hex:1;
    guint scan_hex_dollar:1;
    guint scan_string_sq:1;
    guint scan_string_dq:1;
    guint numbers_2_int:1;
    guint int_2_float:1;
    guint identifier_2_string:1;
    guint char_2_token:1;
    guint symbol_2_token:1;
    guint scope_0_fallback:1;
    guint store_int64:1;
    guint padding_dummy;
} GScannerConfig;
typedef enum {
    G_TOKEN_EOF = 0,
    G_TOKEN_LEFT_PAREN = 40,
    G_TOKEN_RIGHT_PAREN = 41,
    G_TOKEN_LEFT_CURLY = 123,
    G_TOKEN_RIGHT_CURLY = 125,
    G_TOKEN_LEFT_BRACE = 91,
    G_TOKEN_RIGHT_BRACE = 93,
    G_TOKEN_EQUAL_SIGN = 61,
    G_TOKEN_COMMA = 44,
    G_TOKEN_NONE = 256,
    G_TOKEN_ERROR = 257,
```

 © 2008 Linux Foundation

```
    G_TOKEN_CHAR = 258,
    G_TOKEN_BINARY = 259,
    G_TOKEN_OCTAL = 260,
    G_TOKEN_INT = 261,
    G_TOKEN_HEX = 262,
    G_TOKEN_FLOAT = 263,
    G_TOKEN_STRING = 264,
    G_TOKEN_SYMBOL = 265,
    G_TOKEN_IDENTIFIER = 266,
    G_TOKEN_IDENTIFIER_NULL = 267,
    G_TOKEN_COMMENT_SINGLE = 268,
    G_TOKEN_COMMENT_MULTI = 269,
    G_TOKEN_LAST = 270
} GTokenType;
typedef unsigned char guchar;
typedef union _GTokenValue {
    gpointer v_symbol;
    gchar *v_identifier;
    gulong v_binary;
    gulong v_octal;
    gulong v_int;
    guint64 v_int64;
    gdouble v_float;
    gulong v_hex;
    gchar *v_string;
    gchar *v_comment;
    guchar v_char;
    guint v_error;
} GTokenValue;
typedef struct _GScanner {
    gpointer user_data;
    guint max_parse_errors;
    guint parse_errors;
    const gchar *input_name;
    GData *qdata;
    GScannerConfig *config;
    GTokenType token;
    GTokenValue value;
    guint line;
    guint position;
    GTokenType next_token;
    GTokenValue next_value;
    guint next_line;
    guint next_position;
    GHashTable *symbol_table;
    gint input_fd;
    const gchar *text;
    const gchar *text_end;
    gchar *buffer;
    guint scope_id;
    GScannerMsgFunc msg_handler;
} GScanner;
typedef void (*GScannerMsgFunc) (GScanner *, gchar *, gboolean);
typedef struct _GByteArray {
    guint8 *data;
    guint len;
} GByteArray;
typedef enum {
    G_KEY_FILE_NONE = 0,
    G_KEY_FILE_KEEP_COMMENTS = 1,
    G_KEY_FILE_KEEP_TRANSLATIONS = 2
} GKeyFileFlags;
typedef struct _GTrashStack {
    GTrashStack *next;
} GTrashStack;
typedef guint16 gunichar2;
```

```
typedef long int glong;
typedef struct _GArray {
    gchar *data;
    guint len;
} GArray;
typedef struct _GNode {
    gpointer data;
    GNode *next;
    GNode *prev;
    GNode *parent;
    GNode *children;
} GNode;
typedef gboolean(*GHRFunc) (gpointer, gpointer, gpointer);
typedef gint(*GCompareFunc) (gconstpointer, gconstpointer);
typedef int gint32;
typedef gint32 GTime;
typedef gint(*GPollFunc) (GPollFD *, guint, gint);
typedef guint8 GDateDay;
typedef enum {
    G_UNICODE_BREAK_MANDATORY = 0,
    G_UNICODE_BREAK_CARRIAGE_RETURN = 1,
    G_UNICODE_BREAK_LINE_FEED = 2,
    G_UNICODE_BREAK_COMBINING_MARK = 3,
    G_UNICODE_BREAK_SURROGATE = 4,
    G_UNICODE_BREAK_ZERO_WIDTH_SPACE = 5,
    G_UNICODE_BREAK_INSEPARABLE = 6,
    G_UNICODE_BREAK_NON_BREAKING_GLUE = 7,
    G_UNICODE_BREAK_CONTINGENT = 8,
    G_UNICODE_BREAK_SPACE = 9,
    G_UNICODE_BREAK_AFTER = 10,
    G_UNICODE_BREAK_BEFORE = 11,
    G_UNICODE_BREAK_BEFORE_AND_AFTER = 12,
    G_UNICODE_BREAK_HYPHEN = 13,
    G_UNICODE_BREAK_NON_STARTER = 14,
    G_UNICODE_BREAK_OPEN_PUNCTUATION = 15,
    G_UNICODE_BREAK_CLOSE_PUNCTUATION = 16,
    G_UNICODE_BREAK_QUOTATION = 17,
    G_UNICODE_BREAK_EXCLAMATION = 18,
    G_UNICODE_BREAK_IDEOGRAPHIC = 19,
    G_UNICODE_BREAK_NUMERIC = 20,
    G_UNICODE_BREAK_INFIX_SEPARATOR = 21,
    G_UNICODE_BREAK_SYMBOL = 22,
    G_UNICODE_BREAK_ALPHABETIC = 23,
    G_UNICODE_BREAK_PREFIX = 24,
    G_UNICODE_BREAK_POSTFIX = 25,
    G_UNICODE_BREAK_COMPLEX_CONTEXT = 26,
    G_UNICODE_BREAK_AMBIGUOUS = 27,
    G_UNICODE_BREAK_UNKNOWN = 28,
    G_UNICODE_BREAK_NEXT_LINE = 29,
    G_UNICODE_BREAK_WORD_JOINER = 30
} GUnicodeBreakType;
typedef struct _GStringChunk GStringChunk;
typedef struct _GCond GCond;
typedef struct _GStaticRWLock {
    GStaticMutex mutex;
    GCond *read_cond;
    GCond *write_cond;
    guint read_counter;
    gboolean have_writer;
    guint want_to_read;
    guint want_to_write;
} GStaticRWLock;
typedef void (*GChildWatchFunc) (GPid, gint, gpointer);
typedef struct _GTimeVal {
    glong tv_sec;
    glong tv_usec;
```

 © 2008 Linux Foundation

```
} GTimeVal;
typedef enum {
    G_LOG_FLAG_RECURSION = 1,
    G_LOG_FLAG_FATAL = 2,
    G_LOG_LEVEL_ERROR = 4,
    G_LOG_LEVEL_CRITICAL = 8,
    G_LOG_LEVEL_WARNING = 16,
    G_LOG_LEVEL_MESSAGE = 32,
    G_LOG_LEVEL_INFO = 64,
    G_LOG_LEVEL_DEBUG = 128,
    G_LOG_LEVEL_MASK = -4
} GLogLevelFlags;
typedef enum {
    G_DATE_BAD_WEEKDAY = 0,
    G_DATE_MONDAY = 1,
    G_DATE_TUESDAY = 2,
    G_DATE_WEDNESDAY = 3,
    G_DATE_THURSDAY = 4,
    G_DATE_FRIDAY = 5,
    G_DATE_SATURDAY = 6,
    G_DATE_SUNDAY = 7
} GDateWeekday;
typedef enum {
    G_IN_ORDER = 0,
    G_PRE_ORDER = 1,
    G_POST_ORDER = 2,
    G_LEVEL_ORDER = 3
} GTraverseType;
typedef enum {
    G_TRAVERSE_LEAVES = 1,
    G_TRAVERSE_NON_LEAVES = 2,
    G_TRAVERSE_ALL = 3,
    G_TRAVERSE_MASK = 3,
    G_TRAVERSE_LEAFS = 1,
    G_TRAVERSE_NON_LEAFS = 2
} GTraverseFlags;
typedef struct _GMarkupParser {
    void (*start_element) (GMarkupParseContext *, const gchar *,
                                const gchar * *, const gchar * *,
gpointer,
                           GError * *);
     void (*end_element) (GMarkupParseContext *, const gchar *,
gpointer,
                          GError * *);
     void (*text) (GMarkupParseContext *, const gchar *, gsize,
gpointer,
                   GError * *);
     void (*passthrough) (GMarkupParseContext *, const gchar *,
gsize,
                          gpointer, GError * *);
    void (*error) (GMarkupParseContext *, GError *, gpointer);
} GMarkupParser;
typedef enum {
    G_MARKUP_DO_NOT_USE_THIS_UNSUPPORTED_FLAG = 1
} GMarkupParseFlags;
typedef gboolean(*GHookCheckMarshaller) (GHook *, gpointer);
typedef gboolean(*GNodeTraverseFunc) (GNode *, gpointer);
typedef enum {
    G_NORMALIZE_DEFAULT = 0,
    G_NORMALIZE_NFD = 0,
    G_NORMALIZE_DEFAULT_COMPOSE = 1,
    G_NORMALIZE_NFC = 1,
    G_NORMALIZE_ALL = 2,
    G_NORMALIZE_NFKD = 2,
    G_NORMALIZE_ALL_COMPOSE = 3,
    G_NORMALIZE_NFKC = 3
```

```
} GNormalizeMode;
typedef struct _GMutex GMutex;
typedef struct _GStaticPrivate {
    guint index;
} GStaticPrivate;
typedef enum {
    G_FILE_ERROR_EXIST = 0,
    G_FILE_ERROR_ISDIR = 1,
    G_FILE_ERROR_ACCES = 2,
    G_FILE_ERROR_NAMETOOLONG = 3,
    G_FILE_ERROR_NOENT = 4,
    G_FILE_ERROR_NOTDIR = 5,
    G_FILE_ERROR_NXIO = 6,
    G_FILE_ERROR_NODEV = 7,
    G_FILE_ERROR_ROFS = 8,
    G_FILE_ERROR_TXTBSY = 9,
    G_FILE_ERROR_FAULT = 10,
    G_FILE_ERROR_LOOP = 11,
    G_FILE_ERROR_NOSPC = 12,
    G_FILE_ERROR_NOMEM = 13,
    G_FILE_ERROR_MFILE = 14,
    G_FILE_ERROR_NFILE = 15,
    G_FILE_ERROR_BADF = 16,
    G_FILE_ERROR_INVAL = 17,
    G_FILE_ERROR_PIPE = 18,
    G_FILE_ERROR_AGAIN = 19,
    G_FILE_ERROR_INTR = 20,
    G_FILE_ERROR_IO = 21,
    G_FILE_ERROR_PERM = 22,
    G_FILE_ERROR_NOSYS = 23,
    G_FILE_ERROR_FAILED = 24
} GFileError;
typedef void (*GDataForeachFunc) (GQuark, gpointer, gpointer);
typedef struct _GMemVTable {
    gpointer(*malloc) (gsize);
    gpointer(*realloc) (gpointer, gsize);
    void (*free) (gpointer);
     gpointer(*calloc) (gsize, gsize);
     gpointer(*try_malloc) (gsize);
     gpointer(*try_realloc) (gpointer, gsize);
} GMemVTable;
typedef enum {
    G_OPTION_ARG_NONE = 0,
    G_OPTION_ARG_STRING = 1,
    G_OPTION_ARG_INT = 2,
    G_OPTION_ARG_CALLBACK = 3,
    G_OPTION_ARG_FILENAME = 4,
    G_OPTION_ARG_STRING_ARRAY = 5,
    G_OPTION_ARG_FILENAME_ARRAY = 6
} GOptionArg;
typedef struct _GOptionEntry {
    const gchar *long_name;
    gchar short_name;
    gint flags;
    GOptionArg arg;
    gpointer arg_data;
    const gchar *description;
    const gchar *arg_description;
} GOptionEntry;
typedef enum {
    G_UNICODE_CONTROL = 0,
    G_UNICODE_FORMAT = 1,
    G_UNICODE_UNASSIGNED = 2,
    G_UNICODE_PRIVATE_USE = 3,
    G_UNICODE_SURROGATE = 4,
    G_UNICODE_LOWERCASE_LETTER = 5,
```

 © 2008 Linux Foundation

```
    G_UNICODE_MODIFIER_LETTER = 6,
    G_UNICODE_OTHER_LETTER = 7,
    G_UNICODE_TITLECASE_LETTER = 8,
    G_UNICODE_UPPERCASE_LETTER = 9,
    G_UNICODE_COMBINING_MARK = 10,
    G_UNICODE_ENCLOSING_MARK = 11,
    G_UNICODE_NON_SPACING_MARK = 12,
    G_UNICODE_DECIMAL_NUMBER = 13,
    G_UNICODE_LETTER_NUMBER = 14,
    G_UNICODE_OTHER_NUMBER = 15,
    G_UNICODE_CONNECT_PUNCTUATION = 16,
    G_UNICODE_DASH_PUNCTUATION = 17,
    G_UNICODE_CLOSE_PUNCTUATION = 18,
    G_UNICODE_FINAL_PUNCTUATION = 19,
    G_UNICODE_INITIAL_PUNCTUATION = 20,
    G_UNICODE_OTHER_PUNCTUATION = 21,
    G_UNICODE_OPEN_PUNCTUATION = 22,
    G_UNICODE_CURRENCY_SYMBOL = 23,
    G_UNICODE_MODIFIER_SYMBOL = 24,
    G_UNICODE_MATH_SYMBOL = 25,
    G_UNICODE_OTHER_SYMBOL = 26,
    G_UNICODE_LINE_SEPARATOR = 27,
    G_UNICODE_PARAGRAPH_SEPARATOR = 28,
    G_UNICODE_SPACE_SEPARATOR = 29
} GUnicodeType;
typedef void (*GLogFunc) (const gchar *, GLogLevelFlags, const
gchar *,
                          gpointer);
typedef struct _GAllocator GAllocator;
typedef const gchar *(*GTranslateFunc) (const gchar *, gpointer);
typedef     gboolean(*GOptionParseFunc)     (GOptionContext     *,
GOptionGroup *,
                                     gpointer, GError * *);
typedef void (*GVoidFunc) (void);
typedef gboolean(*GHookFindFunc) (GHook *, gpointer);
typedef struct _GTuples {
    guint len;
} GTuples;
typedef gpointer(*GCopyFunc) (gconstpointer, gpointer);
typedef void (*GOptionErrorFunc) (GOptionContext *, GOptionGroup
*,
                                  gpointer, GError * *);
typedef gpointer(*GCacheNewFunc) (gpointer);
typedef void (*GCacheDestroyFunc) (gpointer);
typedef gpointer(*GCacheDupFunc) (gpointer);
typedef enum {
    G_FILE_TEST_IS_REGULAR = 1,
    G_FILE_TEST_IS_SYMLINK = 2,
    G_FILE_TEST_IS_DIR = 4,
    G_FILE_TEST_IS_EXECUTABLE = 8,
    G_FILE_TEST_EXISTS = 16
} GFileTest;
typedef enum {
    G_ONCE_STATUS_NOTCALLED = 0,
    G_ONCE_STATUS_PROGRESS = 1,
    G_ONCE_STATUS_READY = 2
} GOnceStatus;
typedef struct _GOnce {
    volatile GOnceStatus status;
    volatile gpointer retval;
} GOnce;
typedef gboolean(*GTraverseFunc) (gpointer, gpointer, gpointer);
typedef gint(*GHookCompareFunc) (GHook *, GHook *);
typedef void (*GNodeForeachFunc) (GNode *, gpointer);
typedef struct _GDebugKey {
    gchar *key;
```

```
    guint value;
} GDebugKey;
typedef struct _GPrivate GPrivate;
typedef struct _GThreadFunctions {
    GMutex *(*mutex_new) (void);
    void (*mutex_lock) (GMutex *);
     gboolean(*mutex_trylock) (GMutex *);
    void (*mutex_unlock) (GMutex *);
    void (*mutex_free) (GMutex *);
    GCond *(*cond_new) (void);
    void (*cond_signal) (GCond *);
    void (*cond_broadcast) (GCond *);
    void (*cond_wait) (GCond *, GMutex *);
     gboolean(*cond_timed_wait) (GCond *, GMutex *, GTimeVal *);
    void (*cond_free) (GCond *);
    GPrivate *(*private_new) (GDestroyNotify);
     gpointer(*private_get) (GPrivate *);
    void (*private_set) (GPrivate *, gpointer);
        void  (*thread_create)  (GThreadFunc,  gpointer,  gulong,
gboolean,
                            gboolean, GThreadPriority, gpointer,
                            GError * *);
    void (*thread_yield) (void);
    void (*thread_join) (gpointer);
    void (*thread_exit) (void);
    void (*thread_set_priority) (gpointer, GThreadPriority);
    void (*thread_self) (gpointer);
     gboolean(*thread_equal) (gpointer, gpointer);
} GThreadFunctions;
typedef void (*GHookMarshaller) (GHook *, gpointer);
typedef enum {
    G_IO_CHANNEL_ERROR_FBIG = 0,
    G_IO_CHANNEL_ERROR_INVAL = 1,
    G_IO_CHANNEL_ERROR_IO = 2,
    G_IO_CHANNEL_ERROR_ISDIR = 3,
    G_IO_CHANNEL_ERROR_NOSPC = 4,
    G_IO_CHANNEL_ERROR_NXIO = 5,
    G_IO_CHANNEL_ERROR_OVERFLOW = 6,
    G_IO_CHANNEL_ERROR_PIPE = 7,
    G_IO_CHANNEL_ERROR_FAILED = 8
} GIOChannelError;
typedef   gboolean(*GIOFunc)   (GIOChannel   *,   GIOCondition,
gpointer);
typedef void (*GFreeFunc) (gpointer);
typedef gboolean(*GHookCheckFunc) (gpointer);
typedef void (*GHookFunc) (gpointer);
typedef short int gint16;
typedef enum {
    G_DATE_DAY = 0,
    G_DATE_MONTH = 1,
    G_DATE_YEAR = 2
} GDateDMY;
typedef signed char gint8;
typedef enum {
    G_MARKUP_ERROR_BAD_UTF8 = 0,
    G_MARKUP_ERROR_EMPTY = 1,
    G_MARKUP_ERROR_PARSE = 2,
    G_MARKUP_ERROR_UNKNOWN_ELEMENT = 3,
    G_MARKUP_ERROR_UNKNOWN_ATTRIBUTE = 4,
    G_MARKUP_ERROR_INVALID_CONTENT = 5
} GMarkupError;
typedef enum {
    G_IO_ERROR_NONE = 0,
    G_IO_ERROR_AGAIN = 1,
    G_IO_ERROR_INVAL = 2,
    G_IO_ERROR_UNKNOWN = 3
```

 © 2008 Linux Foundation

```
} GIOError;
typedef gboolean(*GOptionArgFunc) (const gchar *, const gchar *,
gpointer,
                                   GError * *);
typedef enum {
    G_OPTION_FLAG_HIDDEN = 1 << 0,
    G_OPTION_FLAG_IN_MAIN = 1 << 1,
    G_OPTION_FLAG_REVERSE = 1 << 2
} GOptionFlags;
typedef enum {
    G_CONVERT_ERROR_NO_CONVERSION,
    G_CONVERT_ERROR_ILLEGAL_SEQUENCE,
    G_CONVERT_ERROR_FAILED,
    G_CONVERT_ERROR_PARTIAL_INPUT,
    G_CONVERT_ERROR_BAD_URI,
    G_CONVERT_ERROR_NOT_ABSOLUTE_PATH
} GConvertError;
typedef enum {
    G_ERR_UNKNOWN,
    G_ERR_UNEXP_EOF,
    G_ERR_UNEXP_EOF_IN_STRING,
    G_ERR_UNEXP_EOF_IN_COMMENT,
    G_ERR_NON_DIGIT_IN_CONST,
    G_ERR_DIGIT_RADIX,
    G_ERR_FLOAT_RADIX,
    G_ERR_FLOAT_MALFORMED
} GErrorType;
typedef enum {
    G_KEY_FILE_ERROR_UNKNOWN_ENCODING,
    G_KEY_FILE_ERROR_PARSE,
    G_KEY_FILE_ERROR_NOT_FOUND,
    G_KEY_FILE_ERROR_KEY_NOT_FOUND,
    G_KEY_FILE_ERROR_GROUP_NOT_FOUND,
    G_KEY_FILE_ERROR_INVALID_VALUE
} GKeyFileError;
typedef enum {
    G_SPAWN_ERROR_FORK,
    G_SPAWN_ERROR_READ,
    G_SPAWN_ERROR_CHDIR,
    G_SPAWN_ERROR_ACCES,
    G_SPAWN_ERROR_PERM,
    G_SPAWN_ERROR_2BIG,
    G_SPAWN_ERROR_NOEXEC,
    G_SPAWN_ERROR_NAMETOOLONG,
    G_SPAWN_ERROR_NOENT,
    G_SPAWN_ERROR_NOMEM,
    G_SPAWN_ERROR_NOTDIR,
    G_SPAWN_ERROR_LOOP,
    G_SPAWN_ERROR_TXTBUSY,
    G_SPAWN_ERROR_IO,
    G_SPAWN_ERROR_NFILE,
    G_SPAWN_ERROR_MFILE,
    G_SPAWN_ERROR_INVAL,
    G_SPAWN_ERROR_ISDIR,
    G_SPAWN_ERROR_LIBBAD,
    G_SPAWN_ERROR_FAILED
} GSpawnError;
typedef enum {
    G_HOOK_FLAG_ACTIVE = 1 << 0,
    G_HOOK_FLAG_IN_CALL = 1 << 1,
    G_HOOK_FLAG_MASK = 0x0f
} GHookFlagMask;
typedef enum {
    G_THREAD_ERROR_AGAIN
} GThreadError;
typedef enum {
```

```
    G_OPTION_ERROR_UNKNOWN_OPTION,
    G_OPTION_ERROR_BAD_VALUE,
    G_OPTION_ERROR_FAILED
} GOptionError;
typedef enum {
    G_ASCII_ALNUM = 1 << 0,
    G_ASCII_ALPHA = 1 << 1,
    G_ASCII_CNTRL = 1 << 2,
    G_ASCII_DIGIT = 1 << 3,
    G_ASCII_GRAPH = 1 << 4,
    G_ASCII_LOWER = 1 << 5,
    G_ASCII_PRINT = 1 << 6,
    G_ASCII_PUNCT = 1 << 7,
    G_ASCII_SPACE = 1 << 8,
    G_ASCII_UPPER = 1 << 9,
    G_ASCII_XDIGIT = 1 << 10
} GAsciiType;
typedef enum {
    G_SHELL_ERROR_BAD_QUOTING,
    G_SHELL_ERROR_EMPTY_STRING,
    G_SHELL_ERROR_FAILED
} GShellError;
typedef struct _GMappedFile GMappedFile;
extern void g_allocator_free(GAllocator * allocator);
extern GAllocator *g_allocator_new(const gchar * name, guint
n_preallocs);
extern GArray *g_array_append_vals(GArray * array, gconstpointer
data,
                                   guint len);
extern gchar *g_array_free(GArray * array, gboolean
free_segment);
extern GArray *g_array_insert_vals(GArray * array, guint index_,
                                   gconstpointer data, guint
len);
extern GArray *g_array_new(gboolean zero_terminated, gboolean
clear_,
                           guint element_size);
extern GArray *g_array_prepend_vals(GArray * array, gconstpointer
data,
                                    guint len);
extern GArray *g_array_remove_index(GArray * array, guint
index_);
extern GArray *g_array_remove_index_fast(GArray * array, guint
index_);
extern GArray *g_array_remove_range(GArray * array, guint index_,
                                    guint length);
extern GArray *g_array_set_size(GArray * array, guint length);
extern GArray *g_array_sized_new(gboolean zero_terminated,
gboolean clear_,
                                 guint element_size, guint
reserved_size);
extern void g_array_sort(GArray * array, GCompareFunc
compare_func);
extern void g_array_sort_with_data(GArray * array,
                                   GCompareDataFunc compare_func,
                                   gpointer user_data);
extern gint g_ascii_digit_value(gchar c);
extern gchar *g_ascii_dtostr(gchar * buffer, gint buf_len,
gdouble d);
extern gchar *g_ascii_formatd(gchar * buffer, gint buf_len,
                              const gchar * format, gdouble d);
extern gint g_ascii_strcasecmp(const gchar * s1, const gchar *
s2);
extern gchar *g_ascii_strdown(const gchar * str, gssize len);
extern gint g_ascii_strncasecmp(const gchar * s1, const gchar *
s2,
```

 © 2008 Linux Foundation

```
                                gsize n);
extern  gdouble  g_ascii_strtod(const  gchar  *  nptr,  gchar  *
*endptr);
extern  guint64  g_ascii_strtoull(const  gchar  *  nptr,  gchar  *
*endptr,
                                guint base);
extern gchar *g_ascii_strup(const gchar * str, gssize len);
extern const guint16 *const g_ascii_table;
extern gchar g_ascii_tolower(gchar c);
extern gchar g_ascii_toupper(gchar c);
extern gint g_ascii_xdigit_value(gchar c);
extern  void  g_assert_warning(const  char  *log_domain,  const  char
*file,
                                     const  int  line,  const  char
*pretty_function,
                              const char *expression);
extern gint g_async_queue_length(GAsyncQueue * queue);
extern gint g_async_queue_length_unlocked(GAsyncQueue * queue);
extern void g_async_queue_lock(GAsyncQueue * queue);
extern GAsyncQueue *g_async_queue_new(void);
extern gpointer g_async_queue_pop(GAsyncQueue * queue);
extern gpointer g_async_queue_pop_unlocked(GAsyncQueue * queue);
extern  void  g_async_queue_push(GAsyncQueue  *  queue,  gpointer
data);
extern void g_async_queue_push_unlocked(GAsyncQueue * queue,
                                        gpointer data);
extern GAsyncQueue *g_async_queue_ref(GAsyncQueue * queue);
extern gpointer g_async_queue_timed_pop(GAsyncQueue * queue,
                                        GTimeVal * end_time);
extern  gpointer  g_async_queue_timed_pop_unlocked(GAsyncQueue  *
queue,
                                                   GTimeVal *
end_time);
extern gpointer g_async_queue_try_pop(GAsyncQueue * queue);
extern   gpointer   g_async_queue_try_pop_unlocked(GAsyncQueue   *
queue);
extern void g_async_queue_unlock(GAsyncQueue * queue);
extern void g_async_queue_unref(GAsyncQueue * queue);
extern void g_atexit(GVoidFunc func);
extern void g_atomic_int_add(gint * volatile atomic, gint val);
extern gboolean g_atomic_int_compare_and_exchange(gint * volatile
atomic,
                                                  gint oldval,
                                                  gint newval);
extern  gint  g_atomic_int_exchange_and_add(gint  *  atomic,  gint
val);
extern gboolean g_atomic_pointer_compare_and_exchange(gpointer *
                                                      volatile
atomic,
                                                      gpointer
oldval,
                                                      gpointer
newval);
extern gint g_bit_nth_lsf(gulong mask, gint nth_bit);
extern gint g_bit_nth_msf(gulong mask, gint nth_bit);
extern guint g_bit_storage(gulong number);
extern void g_blow_chunks(void);
extern gchar *g_build_filename(const gchar * first_element, ...);
extern gchar *g_build_filenamev(gchar * *args);
extern gchar *g_build_path(const gchar * separator,
                           const gchar * first_element, ...);
extern  gchar  *g_build_pathv(const  gchar  *  separator,  gchar  *
*args);
extern GByteArray *g_byte_array_append(GByteArray * array,
                                       const guint8 * data, guint
len);
```

```
extern guint8 *g_byte_array_free(GByteArray * array,
                                 gboolean free_segment);
extern GByteArray *g_byte_array_new(void);
extern GByteArray *g_byte_array_prepend(GByteArray * array,
                                        const guint8 * data,
guint len);
extern GByteArray *g_byte_array_remove_index(GByteArray * array,
                                             guint index_);
extern  GByteArray  *g_byte_array_remove_index_fast(GByteArray  *
array,
                                                    guint index_);
extern GByteArray *g_byte_array_remove_range(GByteArray * array,
                                             guint index_, guint
length);
extern  GByteArray  *g_byte_array_set_size(GByteArray  *  array,
guint length);
extern GByteArray *g_byte_array_sized_new(guint reserved_size);
extern void g_byte_array_sort(GByteArray * array,
                              GCompareFunc compare_func);
extern void g_byte_array_sort_with_data(GByteArray * array,
                                        GCompareDataFunc
compare_func,
                                        gpointer user_data);
extern void g_cache_destroy(GCache * cache);
extern gpointer g_cache_insert(GCache * cache, gpointer key);
extern void g_cache_key_foreach(GCache * cache, GHFunc func,
                                gpointer user_data);
extern GCache *g_cache_new(GCacheNewFunc value_new_func,
                           GCacheDestroyFunc value_destroy_func,
                           GCacheDupFunc key_dup_func,
                           GCacheDestroyFunc key_destroy_func,
                           GHashFunc hash_key_func,
                           GHashFunc hash_value_func,
                           GEqualFunc key_equal_func);
extern void g_cache_remove(GCache * cache, gconstpointer value);
extern void g_cache_value_foreach(GCache * cache, GHFunc func,
                                  gpointer user_data);
extern   guint   g_child_watch_add(GPid   pid,   GChildWatchFunc
function,
                                   gpointer data);
extern guint g_child_watch_add_full(gint priority, GPid pid,
                                    GChildWatchFunc function,
                                    gpointer data, GDestroyNotify
notify);
extern GSourceFuncs g_child_watch_funcs;
extern GSource *g_child_watch_source_new(GPid pid);
extern void g_clear_error(GError * *err);
extern  void  g_completion_add_items(GCompletion  *  cmp,  GList  *
items);
extern void g_completion_clear_items(GCompletion * cmp);
extern GList *g_completion_complete(GCompletion * cmp,
                                    const gchar * prefix,
                                    gchar * *new_prefix);
extern GList *g_completion_complete_utf8(GCompletion * cmp,
                                         const gchar * prefix,
                                         gchar * *new_prefix);
extern void g_completion_free(GCompletion * cmp);
extern GCompletion *g_completion_new(GCompletionFunc func);
extern void g_completion_remove_items(GCompletion * cmp, GList *
items);
extern void g_completion_set_compare(GCompletion * cmp,
                                     GCompletionStrncmpFunc
strncmp_func);
extern gchar *g_convert(const gchar * str, gssize len,
                        const gchar * to_codeset,
                             const gchar * from_codeset, gsize *
```

 © 2008 Linux Foundation

```
bytes_read,
                        gsize * bytes_written, GError * *error);
extern GQuark g_convert_error_quark(void);
extern gchar *g_convert_with_fallback(const gchar * str, gssize
len,
                                      const gchar * to_codeset,
                                      const gchar * from_codeset,
                                         gchar * fallback, gsize *
bytes_read,
                                      gsize * bytes_written,
                                      GError * *error);
extern gchar *g_convert_with_iconv(const gchar * str, gssize len,
                                        GIConv converter, gsize *
bytes_read,
                                    gsize * bytes_written, GError
* *error);
extern void g_datalist_clear(GData * *datalist);
extern     void     g_datalist_foreach(GData     *     *datalist,
GDataForeachFunc func,
                                gpointer user_data);
extern guint g_datalist_get_flags(GData * *datalist);
extern gpointer g_datalist_id_get_data(GData * *datalist, GQuark
key_id);
extern gpointer g_datalist_id_remove_no_notify(GData * *datalist,
                                                GQuark key_id);
extern void g_datalist_id_set_data_full(GData * *datalist, GQuark
key_id,
                                        gpointer data,
                                                   GDestroyNotify
destroy_func);
extern void g_datalist_init(GData * *datalist);
extern void g_datalist_set_flags(GData * *datalist, guint flags);
extern  void  g_datalist_unset_flags(GData  *  *datalist,  guint
flags);
extern void g_dataset_destroy(gconstpointer dataset_location);
extern void g_dataset_foreach(gconstpointer dataset_location,
                                  GDataForeachFunc func, gpointer
user_data);
extern        gpointer        g_dataset_id_get_data(gconstpointer
dataset_location,
                                      GQuark key_id);
extern gpointer g_dataset_id_remove_no_notify(gconstpointer
                                              dataset_location,
                                              GQuark key_id);
extern        void        g_dataset_id_set_data_full(gconstpointer
dataset_location,
                                         GQuark key_id, gpointer
data,
                                                   GDestroyNotify
destroy_func);
extern void g_date_add_days(GDate * date, guint n_days);
extern void g_date_add_months(GDate * date, guint n_months);
extern void g_date_add_years(GDate * date, guint n_years);
extern void g_date_clamp(GDate * date, const GDate * min_date,
                         const GDate * max_date);
extern void g_date_clear(GDate * date, guint n_dates);
extern gint g_date_compare(const GDate * lhs, const GDate * rhs);
extern gint g_date_days_between(const GDate * date1, const GDate
* date2);
extern void g_date_free(GDate * date);
extern GDateDay g_date_get_day(const GDate * date);
extern guint g_date_get_day_of_year(const GDate * date);
extern    guint8    g_date_get_days_in_month(GDateMonth    month,
GDateYear year);
extern guint g_date_get_iso8601_week_of_year(const GDate * date);
extern guint32 g_date_get_julian(const GDate * date);
```

```
extern guint g_date_get_monday_week_of_year(const GDate * date);
extern guint8 g_date_get_monday_weeks_in_year(GDateYear year);
extern GDateMonth g_date_get_month(const GDate * date);
extern guint g_date_get_sunday_week_of_year(const GDate * date);
extern guint8 g_date_get_sunday_weeks_in_year(GDateYear year);
extern GDateWeekday g_date_get_weekday(const GDate * date);
extern GDateYear g_date_get_year(const GDate * date);
extern gboolean g_date_is_first_of_month(const GDate * date);
extern gboolean g_date_is_last_of_month(const GDate * date);
extern gboolean g_date_is_leap_year(GDateYear year);
extern GDate *g_date_new(void);
extern GDate *g_date_new_dmy(GDateDay day, GDateMonth month,
                             GDateYear year);
extern GDate *g_date_new_julian(guint32 julian_day);
extern void g_date_order(GDate * date1, GDate * date2);
extern void g_date_set_day(GDate * date, GDateDay day);
extern void g_date_set_dmy(GDate * date, GDateDay day, GDateMonth
month,
                           GDateYear y);
extern void g_date_set_julian(GDate * date, guint32 julian_date);
extern void g_date_set_month(GDate * date, GDateMonth month);
extern void g_date_set_parse(GDate * date, const gchar * str);
extern void g_date_set_time(GDate * date, GTime time_);
extern void g_date_set_year(GDate * date, GDateYear year);
extern gsize g_date_strftime(gchar * s, gsize slen, const gchar *
format,
                             const GDate * date);
extern void g_date_subtract_days(GDate * date, guint n_days);
extern void g_date_subtract_months(GDate * date, guint n_months);
extern void g_date_subtract_years(GDate * date, guint n_years);
extern void g_date_to_struct_tm(const GDate * date, struct tm
*tm);
extern gboolean g_date_valid(const GDate * date);
extern gboolean g_date_valid_day(GDateDay day);
extern gboolean g_date_valid_dmy(GDateDay day, GDateMonth month,
                                 GDateYear year);
extern gboolean g_date_valid_julian(guint32 julian_date);
extern gboolean g_date_valid_month(GDateMonth month);
extern gboolean g_date_valid_weekday(GDateWeekday weekday);
extern gboolean g_date_valid_year(GDateYear year);
extern void g_dir_close(GDir * dir);
extern GDir *g_dir_open(const gchar * path, guint flags, GError *
*error);
extern const gchar *g_dir_read_name(GDir * dir);
extern void g_dir_rewind(GDir * dir);
extern gboolean g_direct_equal(gconstpointer v1, gconstpointer
v2);
extern guint g_direct_hash(gconstpointer v);
extern GError *g_error_copy(const GError * error);
extern void g_error_free(GError * error);
extern gboolean g_error_matches(const GError * error, GQuark
domain,
                                gint code);
extern GError *g_error_new(GQuark domain, gint code, const gchar
* format,
                           ...);
extern GError *g_error_new_literal(GQuark domain, gint code,
                                   const gchar * message);
extern GFileError g_file_error_from_errno(gint err_no);
extern GQuark g_file_error_quark(void);
extern gboolean g_file_get_contents(const gchar * filename,
                                    gchar * *contents, gsize *
length,
                                    GError * *error);
extern gint g_file_open_tmp(const gchar * tmpl, gchar *
*name_used,
```

 © 2008 Linux Foundation

```
                              GError * *error);
extern gchar *g_file_read_link(const gchar * filename, GError *
*error);
extern gboolean g_file_set_contents(const gchar * filename,
                                    const gchar * contents,
gssize length,
                                    GError * *error);
extern gboolean g_file_test(const gchar * filename, GFileTest
test);
extern gchar *g_filename_display_basename(const gchar *
filename);
extern gchar *g_filename_display_name(const gchar * filename);
extern gchar *g_filename_from_uri(const gchar * uri, gchar *
*hostname,
                                  GError * *error);
extern gchar *g_filename_from_utf8(const gchar * utf8string,
gssize len,
                                   gsize * bytes_read,
                                    gsize * bytes_written, GError
* *error);
extern gchar *g_filename_to_uri(const gchar * filename,
                                const gchar * hostname, GError *
*error);
extern gchar *g_filename_to_utf8(const gchar * opsysstring,
gssize len,
                                    gsize * bytes_read, gsize *
bytes_written,
                                 GError * *error);
extern gchar *g_find_program_in_path(const gchar * program);
extern void g_free(gpointer mem);
extern const gchar *g_get_application_name(void);
extern gboolean g_get_charset(const char **charset);
extern gchar *g_get_current_dir(void);
extern void g_get_current_time(GTimeVal * result);
extern gboolean g_get_filename_charsets(const gchar *
**charsets);
extern const gchar *g_get_home_dir(void);
extern const gchar *g_get_host_name(void);
extern const gchar *const *g_get_language_names(void);
extern gchar *g_get_prgname(void);
extern const gchar *g_get_real_name(void);
extern const gchar *const *g_get_system_config_dirs(void);
extern const gchar *const *g_get_system_data_dirs(void);
extern const gchar *g_get_tmp_dir(void);
extern const gchar *g_get_user_cache_dir(void);
extern const gchar *g_get_user_config_dir(void);
extern const gchar *g_get_user_data_dir(void);
extern const gchar *g_get_user_name(void);
extern const gchar *g_getenv(const gchar * variable);
extern void g_hash_table_destroy(GHashTable * hash_table);
extern gpointer g_hash_table_find(GHashTable * hash_table,
                                  GHRFunc predicate, gpointer
user_data);
extern void g_hash_table_foreach(GHashTable * hash_table, GHFunc
func,
                                 gpointer user_data);
extern guint g_hash_table_foreach_remove(GHashTable * hash_table,
                                         GHRFunc func, gpointer
user_data);
extern guint g_hash_table_foreach_steal(GHashTable * hash_table,
                                        GHRFunc func, gpointer
user_data);
extern void g_hash_table_insert(GHashTable * hash_table, gpointer
key,
                                gpointer value);
extern gpointer g_hash_table_lookup(GHashTable * hash_table,
```

```
                                       gconstpointer key);
extern    gboolean    g_hash_table_lookup_extended(GHashTable    *
hash_table,
                                                    gconstpointer
lookup_key,
                                                gpointer * orig_key,
                                                gpointer * value);
extern GHashTable *g_hash_table_new(GHashFunc hash_func,
                                       GEqualFunc key_equal_func);
extern GHashTable *g_hash_table_new_full(GHashFunc hash_func,
                                                       GEqualFunc
key_equal_func,
                                                    GDestroyNotify
key_destroy_func,
                                            GDestroyNotify
                                            value_destroy_func);
extern gboolean g_hash_table_remove(GHashTable * hash_table,
                                       gconstpointer key);
extern   void   g_hash_table_replace(GHashTable   *   hash_table,
gpointer key,
                                    gpointer value);
extern guint g_hash_table_size(GHashTable * hash_table);
extern gboolean g_hash_table_steal(GHashTable * hash_table,
                                     gconstpointer key);
extern GHook *g_hook_alloc(GHookList * hook_list);
extern   gint   g_hook_compare_ids(GHook   *   new_hook,   GHook   *
sibling);
extern  gboolean  g_hook_destroy(GHookList  *  hook_list,  gulong
hook_id);
extern  void  g_hook_destroy_link(GHookList  *  hook_list,  GHook  *
hook);
extern   GHook   *g_hook_find(GHookList   *   hook_list,   gboolean
need_valids,
                              GHookFindFunc func, gpointer data);
extern  GHook  *g_hook_find_data(GHookList  *  hook_list,  gboolean
need_valids,
                                 gpointer data);
extern  GHook  *g_hook_find_func(GHookList  *  hook_list,  gboolean
need_valids,
                                 gpointer func);
extern GHook *g_hook_find_func_data(GHookList * hook_list,
                                           gboolean need_valids,
gpointer func,
                                       gpointer data);
extern GHook *g_hook_first_valid(GHookList * hook_list,
                                   gboolean may_be_in_call);
extern void g_hook_free(GHookList * hook_list, GHook * hook);
extern GHook *g_hook_get(GHookList * hook_list, gulong hook_id);
extern  void  g_hook_insert_before(GHookList  *  hook_list,  GHook  *
sibling,
                                   GHook * hook);
extern  void  g_hook_insert_sorted(GHookList  *  hook_list,  GHook  *
hook,
                                   GHookCompareFunc func);
extern void g_hook_list_clear(GHookList * hook_list);
extern   void   g_hook_list_init(GHookList   *   hook_list,   guint
hook_size);
extern void g_hook_list_invoke(GHookList * hook_list,
                               gboolean may_recurse);
extern void g_hook_list_invoke_check(GHookList * hook_list,
                                     gboolean may_recurse);
extern void g_hook_list_marshal(GHookList * hook_list,
                                gboolean may_recurse,
                                GHookMarshaller marshaller,
                                gpointer marshal_data);
extern void g_hook_list_marshal_check(GHookList * hook_list,
```

 © 2008 Linux Foundation

```
                                        gboolean may_recurse,
                                                GHookCheckMarshaller
marshaller,
                                        gpointer marshal_data);
extern GHook *g_hook_next_valid(GHookList * hook_list, GHook *
hook,
                                gboolean may_be_in_call);
extern void g_hook_prepend(GHookList * hook_list, GHook * hook);
extern GHook *g_hook_ref(GHookList * hook_list, GHook * hook);
extern void g_hook_unref(GHookList * hook_list, GHook * hook);
extern size_t g_iconv(GIConv converter, gchar * *inbuf,
                      gsize * inbytes_left, gchar * *outbuf,
                      gsize * outbytes_left);
extern gint g_iconv_close(GIConv converter);
extern GIConv g_iconv_open(const gchar * to_codeset,
                           const gchar * from_codeset);
extern guint g_idle_add(GSourceFunc function, gpointer data);
extern guint g_idle_add_full(gint priority, GSourceFunc function,
                                    gpointer data, GDestroyNotify
notify);
extern GSourceFuncs g_idle_funcs;
extern gboolean g_idle_remove_by_data(gpointer data);
extern GSource *g_idle_source_new(void);
extern gboolean g_int_equal(gconstpointer v1, gconstpointer v2);
extern guint g_int_hash(gconstpointer v);
extern guint g_io_add_watch(GIOChannel * channel, GIOCondition
condition,
                            GIOFunc func, gpointer user_data);
extern guint g_io_add_watch_full(GIOChannel * channel, gint
priority,
                                 GIOCondition condition, GIOFunc
func,
                                 gpointer user_data,
                                 GDestroyNotify notify);
extern GIOChannelError g_io_channel_error_from_errno(gint en);
extern GQuark g_io_channel_error_quark(void);
extern GIOStatus g_io_channel_flush(GIOChannel * channel, GError
* *error);
extern GIOCondition g_io_channel_get_buffer_condition(GIOChannel
*
                                                      channel);
extern gsize g_io_channel_get_buffer_size(GIOChannel * channel);
extern gboolean g_io_channel_get_buffered(GIOChannel * channel);
extern gboolean g_io_channel_get_close_on_unref(GIOChannel *
channel);
extern const gchar *g_io_channel_get_encoding(GIOChannel *
channel);
extern GIOFlags g_io_channel_get_flags(GIOChannel * channel);
extern const gchar *g_io_channel_get_line_term(GIOChannel *
channel,
                                               gint * length);
extern void g_io_channel_init(GIOChannel * channel);
extern GIOChannel *g_io_channel_new_file(const gchar * filename,
                                         const gchar * mode,
                                         GError * *error);
extern GIOStatus g_io_channel_read_chars(GIOChannel * channel,
gchar * buf,
                                             gsize count, gsize *
bytes_read,
                                         GError * *error);
extern GIOStatus g_io_channel_read_line(GIOChannel * channel,
                                        gchar * *str_return,
                                        gsize * length,
                                        gsize * terminator_pos,
                                        GError * *error);
extern GIOStatus g_io_channel_read_line_string(GIOChannel *
```

```
channel,
                                                    GString * buffer,
                                                              gsize *
terminator_pos,
                                                    GError * *error);
extern GIOStatus g_io_channel_read_to_end(GIOChannel * channel,
                                          gchar * *str_return,
                                           gsize * length, GError
* *error);
extern GIOStatus g_io_channel_read_unichar(GIOChannel * channel,
                                           gunichar * thechar,
                                           GError * *error);
extern GIOChannel *g_io_channel_ref(GIOChannel * channel);
extern GIOStatus g_io_channel_seek_position(GIOChannel * channel,
                                                      gint64 offset,
GSeekType type,
                                            GError * *error);
extern  void  g_io_channel_set_buffer_size(GIOChannel  *  channel,
gsize size);
extern void g_io_channel_set_buffered(GIOChannel * channel,
                                      gboolean buffered);
extern void g_io_channel_set_close_on_unref(GIOChannel * channel,
                                            gboolean do_close);
extern GIOStatus g_io_channel_set_encoding(GIOChannel * channel,
                                                   const gchar *
encoding,
                                           GError * *error);
extern GIOStatus g_io_channel_set_flags(GIOChannel * channel,
                                        GIOFlags flags, GError *
*error);
extern void g_io_channel_set_line_term(GIOChannel * channel,
                                       const gchar * line_term,
                                       gint length);
extern GIOStatus g_io_channel_shutdown(GIOChannel * channel,
                                       gboolean flush, GError *
*err);
extern gint g_io_channel_unix_get_fd(GIOChannel * channel);
extern GIOChannel *g_io_channel_unix_new(gint fd);
extern void g_io_channel_unref(GIOChannel * channel);
extern GIOStatus g_io_channel_write_chars(GIOChannel * channel,
                                                  const gchar * buf,
gssize count,
                                          gsize * bytes_written,
                                          GError * *error);
extern GIOStatus g_io_channel_write_unichar(GIOChannel * channel,
                                            gunichar thechar,
                                            GError * *error);
extern GSource *g_io_create_watch(GIOChannel * channel,
                                  GIOCondition condition);
extern GSourceFuncs g_io_watch_funcs;
extern GQuark g_key_file_error_quark(void);
extern void g_key_file_free(GKeyFile * key_file);
extern gboolean g_key_file_get_boolean(GKeyFile * key_file,
                                       const gchar * group_name,
                                        const gchar * key, GError
* *error);
extern gboolean *g_key_file_get_boolean_list(GKeyFile * key_file,
                                                    const gchar *
group_name,
                                             const gchar * key,
                                             gsize * length,
                                             GError * *error);
extern gchar *g_key_file_get_comment(GKeyFile * key_file,
                                     const gchar * group_name,
                                      const gchar * key, GError *
*error);
```

 © 2008 Linux Foundation

```
extern gchar **g_key_file_get_groups(GKeyFile * key_file, gsize *
length);
extern gint g_key_file_get_integer(GKeyFile * key_file,
                                   const gchar * group_name,
                                      const gchar * key, GError *
*error);
extern gint *g_key_file_get_integer_list(GKeyFile * key_file,
                                                      const gchar *
group_name,
                                         const gchar * key, gsize
* length,
                                         GError * *error);
extern gchar **g_key_file_get_keys(GKeyFile * key_file,
                                   const gchar * group_name,
                                        gsize * length, GError *
*error);
extern gchar *g_key_file_get_locale_string(GKeyFile * key_file,
                                                      const gchar *
group_name,
                                           const gchar * key,
                                           const gchar * locale,
                                           GError * *error);
extern   gchar   **g_key_file_get_locale_string_list(GKeyFile   *
key_file,
                                                       const gchar *
group_name,
                                                       const gchar *
key,
                                                       const gchar *
locale,
                                                  gsize * length,
                                                        GError *
*error);
extern gchar *g_key_file_get_start_group(GKeyFile * key_file);
extern gchar *g_key_file_get_string(GKeyFile * key_file,
                                    const gchar * group_name,
                                      const gchar * key, GError *
*error);
extern gchar **g_key_file_get_string_list(GKeyFile * key_file,
                                                      const gchar *
group_name,
                                         const gchar * key,
                                           gsize * length, GError
* *error);
extern gchar *g_key_file_get_value(GKeyFile * key_file,
                                   const gchar * group_name,
                                      const gchar * key, GError *
*error);
extern gboolean g_key_file_has_group(GKeyFile * key_file,
                                     const gchar * group_name);
extern gboolean g_key_file_has_key(GKeyFile * key_file,
                                   const gchar * group_name,
                                      const gchar * key, GError *
*error);
extern gboolean g_key_file_load_from_data(GKeyFile * key_file,
                                          const gchar * data,
gsize length,
                                         GKeyFileFlags flags,
                                         GError * *error);
extern    gboolean    g_key_file_load_from_data_dirs(GKeyFile    *
key_file,
                                                       const gchar *
file,
                                                             gchar *
*full_path,
                                                       GKeyFileFlags
```

```
flags,
                                                GError * *error);
extern gboolean g_key_file_load_from_file(GKeyFile * key_file,
                                          const gchar * file,
                                          GKeyFileFlags flags,
                                          GError * *error);
extern GKeyFile *g_key_file_new(void);
extern void g_key_file_remove_comment(GKeyFile * key_file,
                                      const gchar * group_name,
                                       const gchar * key, GError *
*error);
extern void g_key_file_remove_group(GKeyFile * key_file,
                                    const gchar * group_name,
                                    GError * *error);
extern void g_key_file_remove_key(GKeyFile * key_file,
                                  const gchar * group_name,
                                     const gchar * key, GError *
*error);
extern void g_key_file_set_boolean(GKeyFile * key_file,
                                   const gchar * group_name,
                                      const gchar * key, gboolean
value);
extern void g_key_file_set_boolean_list(GKeyFile * key_file,
                                        const gchar * group_name,
                                               const gchar * key,
gboolean * list,
                                        gsize length);
extern void g_key_file_set_comment(GKeyFile * key_file,
                                   const gchar * group_name,
                                   const gchar * key,
                                    const gchar * comment, GError
* *error);
extern void g_key_file_set_integer(GKeyFile * key_file,
                                   const gchar * group_name,
                                         const gchar * key, gint
value);
extern void g_key_file_set_integer_list(GKeyFile * key_file,
                                        const gchar * group_name,
                                         const gchar * key, gint *
list,
                                        gsize length);
extern void g_key_file_set_list_separator(GKeyFile * key_file,
                                          gchar separator);
extern void g_key_file_set_locale_string(GKeyFile * key_file,
                                                    const gchar *
group_name,
                                         const gchar * key,
                                         const gchar * locale,
                                         const gchar * string);
extern    void    g_key_file_set_locale_string_list(GKeyFile    *
key_file,
                                                    const gchar *
group_name,
                                                  const gchar * key,
                                                        const gchar *
locale,
                                                   const gchar * const
*list,
                                                  gsize length);
extern void g_key_file_set_string(GKeyFile * key_file,
                                  const gchar * group_name,
                                   const gchar * key, const gchar
* string);
extern void g_key_file_set_string_list(GKeyFile * key_file,
                                       const gchar * group_name,
                                       const gchar * key,
```

 © 2008 Linux Foundation

```
                                        const gchar * const *list,
                                        gsize length);
extern void g_key_file_set_value(GKeyFile * key_file,
                                 const gchar * group_name,
                                  const gchar * key, const gchar *
value);
extern gchar *g_key_file_to_data(GKeyFile * key_file, gsize *
length,
                                 GError * *error);
extern GList *g_list_alloc(void);
extern GList *g_list_append(GList * list, gpointer data);
extern GList *g_list_concat(GList * list1, GList * list2);
extern GList *g_list_copy(GList * list);
extern GList *g_list_delete_link(GList * list, GList * link_);
extern GList *g_list_find(GList * list, gconstpointer data);
extern GList *g_list_find_custom(GList * list, gconstpointer
data,
                                 GCompareFunc func);
extern GList *g_list_first(GList * list);
extern void g_list_foreach(GList * list, GFunc func, gpointer
user_data);
extern void g_list_free(GList * list);
extern void g_list_free_1(GList * list);
extern gint g_list_index(GList * list, gconstpointer data);
extern GList *g_list_insert(GList * list, gpointer data, gint
position);
extern GList *g_list_insert_before(GList * list, GList * sibling,
                                   gpointer data);
extern GList *g_list_insert_sorted(GList * list, gpointer data,
                                   GCompareFunc func);
extern GList *g_list_last(GList * list);
extern guint g_list_length(GList * list);
extern GList *g_list_nth(GList * list, guint n);
extern gpointer g_list_nth_data(GList * list, guint n);
extern GList *g_list_nth_prev(GList * list, guint n);
extern void g_list_pop_allocator(void);
extern gint g_list_position(GList * list, GList * llink);
extern GList *g_list_prepend(GList * list, gpointer data);
extern void g_list_push_allocator(GAllocator * allocator);
extern GList *g_list_remove(GList * list, gconstpointer data);
extern GList *g_list_remove_all(GList * list, gconstpointer
data);
extern GList *g_list_remove_link(GList * list, GList * llink);
extern GList *g_list_reverse(GList * list);
extern GList *g_list_sort(GList * list, GCompareFunc
compare_func);
extern GList *g_list_sort_with_data(GList * list,
                                                GCompareDataFunc
compare_func,
                                    gpointer user_data);
extern gchar **g_listenv(void);
extern gchar *g_locale_from_utf8(const gchar * utf8string, gssize
len,
                                   gsize * bytes_read, gsize *
bytes_written,
                                 GError * *error);
extern gchar *g_locale_to_utf8(const gchar * opsysstring, gssize
len,
                                   gsize * bytes_read, gsize *
bytes_written,
                               GError * *error);
extern void g_log(const gchar * log_domain, GLogLevelFlags
log_level,
                  const gchar * format, ...);
extern void g_log_default_handler(const gchar * log_domain,
                                  GLogLevelFlags log_level,
```

```
                                    const gchar * message,
                                    gpointer unused_data);
extern void g_log_remove_handler(const gchar * log_domain,
                                 guint handler_id);
extern    GLogLevelFlags    g_log_set_always_fatal(GLogLevelFlags
fatal_mask);
extern GLogFunc g_log_set_default_handler(GLogFunc log_func,
                                          gpointer user_data);
extern   GLogLevelFlags   g_log_set_fatal_mask(const   gchar   *
log_domain,
                                                GLogLevelFlags
fatal_mask);
extern guint g_log_set_handler(const gchar * log_domain,
                               GLogLevelFlags log_levels,
                                      GLogFunc log_func, gpointer
user_data);
extern  void  g_logv(const  gchar  *  log_domain,  GLogLevelFlags
log_level,
                     const gchar * format, va_list args);
extern gboolean g_main_context_acquire(GMainContext * context);
extern   void   g_main_context_add_poll(GMainContext   *   context,
GPollFD * fd,
                                        gint priority);
extern  gint  g_main_context_check(GMainContext  *  context,  gint
max_priority,
                                   GPollFD * fds, gint n_fds);
extern GMainContext *g_main_context_default(void);
extern void g_main_context_dispatch(GMainContext * context);
extern                                                    GSource
*g_main_context_find_source_by_funcs_user_data(GMainContext
                                                            *
context,
                                                          GSo
urceFuncs
                                                            *
funcs,
                                                          gpo
inter
                                                          use
r_data);
extern  GSource  *g_main_context_find_source_by_id(GMainContext  *
context,
                                                             guint
source_id);
extern                                                  GSource
*g_main_context_find_source_by_user_data(GMainContext *
                                                       context,
                                                       gpointer
                                                        user_data
);
extern   GPollFunc   g_main_context_get_poll_func(GMainContext   *
context);
extern gboolean g_main_context_iteration(GMainContext * context,
                                         gboolean may_block);
extern GMainContext *g_main_context_new(void);
extern gboolean g_main_context_pending(GMainContext * context);
extern gboolean g_main_context_prepare(GMainContext * context,
                                       gint * priority);
extern  gint  g_main_context_query(GMainContext  *  context,  gint
max_priority,
                                   gint * timeout_, GPollFD * fds,
                                   gint n_fds);
extern GMainContext *g_main_context_ref(GMainContext * context);
extern void g_main_context_release(GMainContext * context);
extern void g_main_context_remove_poll(GMainContext * context,
                                       GPollFD * fd);
```

 © 2008 Linux Foundation

```
extern void g_main_context_set_poll_func(GMainContext * context,
                                         GPollFunc func);
extern void g_main_context_unref(GMainContext * context);
extern gboolean g_main_context_wait(GMainContext * context, GCond
* cond,
                                    GMutex * mutex);
extern void g_main_context_wakeup(GMainContext * context);
extern int g_main_depth(void);
extern GMainContext *g_main_loop_get_context(GMainLoop * loop);
extern gboolean g_main_loop_is_running(GMainLoop * loop);
extern GMainLoop *g_main_loop_new(GMainContext * context,
                                  gboolean is_running);
extern void g_main_loop_quit(GMainLoop * loop);
extern GMainLoop *g_main_loop_ref(GMainLoop * loop);
extern void g_main_loop_run(GMainLoop * loop);
extern void g_main_loop_unref(GMainLoop * loop);
extern gpointer g_malloc(gulong n_bytes);
extern gpointer g_malloc0(gulong n_bytes);
extern void g_mapped_file_free(GMappedFile * file);
extern gchar *g_mapped_file_get_contents(GMappedFile * file);
extern gsize g_mapped_file_get_length(GMappedFile * file);
extern GMappedFile *g_mapped_file_new(const gchar * filename,
                                      gboolean writable, GError *
*error);
extern GQuark g_markup_error_quark(void);
extern  gchar  *g_markup_escape_text(const  gchar  *  text,  gssize
length);
extern                                                    gboolean
g_markup_parse_context_end_parse(GMarkupParseContext *
                                                  context, GError
* *error);
extern  void  g_markup_parse_context_free(GMarkupParseContext  *
context);
extern                          const                       gchar
*g_markup_parse_context_get_element(GMarkupParseContext
                                                              *
context);
extern                                                     void
g_markup_parse_context_get_position(GMarkupParseContext *
                                                 context,
                                                           gint *
line_number,
                                                           gint *
char_number);
extern    GMarkupParseContext    *g_markup_parse_context_new(const
GMarkupParser
                                                         * parser,
                                                          GMarkupPar
seFlags
                                                         flags,
                                                            gpointer
user_data,
                                                          GDestroyNo
tify
                                                          user_data_
dnotify);
extern  gboolean  g_markup_parse_context_parse(GMarkupParseContext
* context,
                                               const gchar * text,
                                               gssize text_len,
                                               GError * *error);
extern char *g_markup_printf_escaped(const char *format, ...);
extern char *g_markup_vprintf_escaped(const char *format, va_list
args);
extern gpointer g_mem_chunk_alloc(GMemChunk * mem_chunk);
extern gpointer g_mem_chunk_alloc0(GMemChunk * mem_chunk);
```

```
extern void g_mem_chunk_clean(GMemChunk * mem_chunk);
extern void g_mem_chunk_destroy(GMemChunk * mem_chunk);
extern void g_mem_chunk_free(GMemChunk * mem_chunk, gpointer
mem);
extern void g_mem_chunk_info(void);
extern GMemChunk *g_mem_chunk_new(const gchar * name, gint
atom_size,
                                  gulong area_size, gint type);
extern void g_mem_chunk_print(GMemChunk * mem_chunk);
extern void g_mem_chunk_reset(GMemChunk * mem_chunk);
extern gboolean g_mem_is_system_malloc(void);
extern void g_mem_profile(void);
extern void g_mem_set_vtable(GMemVTable * vtable);
extern gpointer g_memdup(gconstpointer mem, guint byte_size);
extern int g_mkdir_with_parents(const gchar * pathname, int
mode);
extern gint g_mkstemp(gchar * tmpl);
extern gint g_node_child_index(GNode * node, gpointer data);
extern gint g_node_child_position(GNode * node, GNode * child);
extern void g_node_children_foreach(GNode * node, GTraverseFlags
flags,
                                    GNodeForeachFunc func,
gpointer data);
extern GNode *g_node_copy(GNode * node);
extern GNode *g_node_copy_deep(GNode * node, GCopyFunc copy_func,
                               gpointer data);
extern guint g_node_depth(GNode * node);
extern void g_node_destroy(GNode * root);
extern GNode *g_node_find(GNode * root, GTraverseType order,
                          GTraverseFlags flags, gpointer data);
extern GNode *g_node_find_child(GNode * node, GTraverseFlags
flags,
                                gpointer data);
extern GNode *g_node_first_sibling(GNode * node);
extern GNode *g_node_get_root(GNode * node);
extern GNode *g_node_insert(GNode * parent, gint position, GNode
* node);
extern GNode *g_node_insert_after(GNode * parent, GNode *
sibling,
                                  GNode * node);
extern GNode *g_node_insert_before(GNode * parent, GNode *
sibling,
                                   GNode * node);
extern gboolean g_node_is_ancestor(GNode * node, GNode *
descendant);
extern GNode *g_node_last_child(GNode * node);
extern GNode *g_node_last_sibling(GNode * node);
extern guint g_node_max_height(GNode * root);
extern guint g_node_n_children(GNode * node);
extern guint g_node_n_nodes(GNode * root, GTraverseFlags flags);
extern GNode *g_node_new(gpointer data);
extern GNode *g_node_nth_child(GNode * node, guint n);
extern void g_node_pop_allocator(void);
extern GNode *g_node_prepend(GNode * parent, GNode * node);
extern void g_node_push_allocator(GAllocator * dummy);
extern void g_node_reverse_children(GNode * node);
extern void g_node_traverse(GNode * root, GTraverseType order,
                            GTraverseFlags flags, gint max_depth,
                                 GNodeTraverseFunc func, gpointer
data);
extern void g_node_unlink(GNode * node);
extern void g_nullify_pointer(gpointer * nullify_location);
extern void g_on_error_query(const gchar * prg_name);
extern void g_on_error_stack_trace(const gchar * prg_name);
extern gpointer g_once_impl(GOnce * once, GThreadFunc func,
gpointer arg);
```

 © 2008 Linux Foundation

```
extern void g_option_context_add_group(GOptionContext * context,
                                       GOptionGroup * group);
extern  void  g_option_context_add_main_entries(GOptionContext  *
context,
                                                const GOptionEntry
* entries,
                                               const gchar *
                                               translation_domain)
;
extern void g_option_context_free(GOptionContext * context);
extern  gboolean  g_option_context_get_help_enabled(GOptionContext
*
                                                    context);
extern                                                   gboolean
g_option_context_get_ignore_unknown_options(GOptionContext
                                                                 *
context);
extern                                                    GOptionGroup
*g_option_context_get_main_group(GOptionContext *
                                                          context);
extern GOptionContext *g_option_context_new(const gchar *
                                            parameter_string);
extern gboolean g_option_context_parse(GOptionContext * context,
                                               gint * argc, gchar *
**argv,
                                       GError * *error);
extern  void  g_option_context_set_help_enabled(GOptionContext  *
context,
                                                                gboolean
help_enabled);
extern                                                       void
g_option_context_set_ignore_unknown_options(GOptionContext *
                                                            context,
                                                            gboolean
                                                             ignore_un
known);
extern   void   g_option_context_set_main_group(GOptionContext   *
context,
                                                        GOptionGroup *
group);
extern GQuark g_option_error_quark(void);
extern void g_option_group_add_entries(GOptionGroup * group,
                                               const GOptionEntry *
entries);
extern void g_option_group_free(GOptionGroup * group);
extern GOptionGroup *g_option_group_new(const gchar * name,
                                                     const gchar *
description,
                                                     const gchar *
help_description,
                                        gpointer user_data,
                                        GDestroyNotify destroy);
extern void g_option_group_set_error_hook(GOptionGroup * group,
                                                    GOptionErrorFunc
error_func);
extern void g_option_group_set_parse_hooks(GOptionGroup * group,
                                                    GOptionParseFunc
pre_parse_func,
                                               GOptionParseFunc
                                               post_parse_func);
extern   void   g_option_group_set_translate_func(GOptionGroup   *
group,
                                                      GTranslateFunc
func,
                                                gpointer data,
                                                GDestroyNotify
```

```
                                                    destroy_notify);
extern void g_option_group_set_translation_domain(GOptionGroup *
group,
                                                       const gchar *
domain);
extern guint g_parse_debug_string(const gchar * string,
                                  const GDebugKey * keys, guint
nkeys);
extern gchar *g_path_get_basename(const gchar * file_name);
extern gchar *g_path_get_dirname(const gchar * file_name);
extern gboolean g_path_is_absolute(const gchar * file_name);
extern const gchar *g_path_skip_root(const gchar * file_name);
extern gboolean g_pattern_match(GPatternSpec * pspec, guint
string_length,
                                const gchar * string,
                                const gchar * string_reversed);
extern gboolean g_pattern_match_simple(const gchar * pattern,
                                       const gchar * string);
extern gboolean g_pattern_match_string(GPatternSpec * pspec,
                                       const gchar * string);
extern gboolean g_pattern_spec_equal(GPatternSpec * pspec1,
                                     GPatternSpec * pspec2);
extern void g_pattern_spec_free(GPatternSpec * pspec);
extern GPatternSpec *g_pattern_spec_new(const gchar * pattern);
extern void g_print(const gchar * format, ...);
extern void g_printerr(const gchar * format, ...);
extern gsize g_printf_string_upper_bound(const gchar * format,
                                         va_list args);
extern void g_propagate_error(GError * *dest, GError * src);
extern void g_ptr_array_add(GPtrArray * array, gpointer data);
extern void g_ptr_array_foreach(GPtrArray * array, GFunc func,
                                gpointer user_data);
extern gpointer *g_ptr_array_free(GPtrArray * array, gboolean
free_seg);
extern GPtrArray *g_ptr_array_new(void);
extern gboolean g_ptr_array_remove(GPtrArray * array, gpointer
data);
extern gboolean g_ptr_array_remove_fast(GPtrArray * array,
gpointer data);
extern gpointer g_ptr_array_remove_index(GPtrArray * array, guint
index_);
extern gpointer g_ptr_array_remove_index_fast(GPtrArray * array,
                                              guint index_);
extern void g_ptr_array_remove_range(GPtrArray * array, guint
index_,
                                     guint length);
extern void g_ptr_array_set_size(GPtrArray * array, gint length);
extern GPtrArray *g_ptr_array_sized_new(guint reserved_size);
extern void g_ptr_array_sort(GPtrArray * array, GCompareFunc
compare_func);
extern void g_ptr_array_sort_with_data(GPtrArray * array,
                                       GCompareDataFunc
compare_func,
                                       gpointer user_data);
extern void g_qsort_with_data(gconstpointer pbase, gint
total_elems,
                              gsize size, GCompareDataFunc
compare_func,
                              gpointer user_data);
extern GQuark g_quark_from_static_string(const gchar * string);
extern GQuark g_quark_from_string(const gchar * string);
extern const gchar *g_quark_to_string(GQuark quark);
extern GQuark g_quark_try_string(const gchar * string);
extern GQueue *g_queue_copy(GQueue * queue);
extern void g_queue_delete_link(GQueue * queue, GList * link_);
extern GList *g_queue_find(GQueue * queue, gconstpointer data);
```

 © 2008 Linux Foundation

```
extern GList *g_queue_find_custom(GQueue * queue, gconstpointer
data,
                                  GCompareFunc func);
extern void g_queue_foreach(GQueue * queue, GFunc func,
                            gpointer user_data);
extern void g_queue_free(GQueue * queue);
extern guint g_queue_get_length(GQueue * queue);
extern gint g_queue_index(GQueue * queue, gconstpointer data);
extern void g_queue_insert_after(GQueue * queue, GList * sibling,
                                 gpointer data);
extern void g_queue_insert_before(GQueue * queue, GList *
sibling,
                                  gpointer data);
extern void g_queue_insert_sorted(GQueue * queue, gpointer data,
                                  GCompareDataFunc func,
                                  gpointer user_data);
extern gboolean g_queue_is_empty(GQueue * queue);
extern gint g_queue_link_index(GQueue * queue, GList * link_);
extern GQueue *g_queue_new(void);
extern gpointer g_queue_peek_head(GQueue * queue);
extern GList *g_queue_peek_head_link(GQueue * queue);
extern gpointer g_queue_peek_nth(GQueue * queue, guint n);
extern GList *g_queue_peek_nth_link(GQueue * queue, guint n);
extern gpointer g_queue_peek_tail(GQueue * queue);
extern GList *g_queue_peek_tail_link(GQueue * queue);
extern gpointer g_queue_pop_head(GQueue * queue);
extern GList *g_queue_pop_head_link(GQueue * queue);
extern gpointer g_queue_pop_nth(GQueue * queue, guint n);
extern GList *g_queue_pop_nth_link(GQueue * queue, guint n);
extern gpointer g_queue_pop_tail(GQueue * queue);
extern GList *g_queue_pop_tail_link(GQueue * queue);
extern void g_queue_push_head(GQueue * queue, gpointer data);
extern void g_queue_push_head_link(GQueue * queue, GList *
link_);
extern void g_queue_push_nth(GQueue * queue, gpointer data, gint
n);
extern void g_queue_push_nth_link(GQueue * queue, gint n, GList *
link_);
extern void g_queue_push_tail(GQueue * queue, gpointer data);
extern void g_queue_push_tail_link(GQueue * queue, GList *
link_);
extern void g_queue_remove(GQueue * queue, gconstpointer data);
extern void g_queue_remove_all(GQueue * queue, gconstpointer
data);
extern void g_queue_reverse(GQueue * queue);
extern void g_queue_sort(GQueue * queue, GCompareDataFunc
compare_func,
                         gpointer user_data);
extern void g_queue_unlink(GQueue * queue, GList * link_);
extern GRand *g_rand_copy(GRand * rand_);
extern gdouble g_rand_double(GRand * rand_);
extern gdouble g_rand_double_range(GRand * rand_, gdouble begin,
                                   gdouble end);
extern void g_rand_free(GRand * rand_);
extern guint32 g_rand_int(GRand * rand_);
extern gint32 g_rand_int_range(GRand * rand_, gint32 begin,
gint32 end);
extern GRand *g_rand_new(void);
extern GRand *g_rand_new_with_seed(guint32 seed);
extern GRand *g_rand_new_with_seed_array(const guint32 * seed,
                                         guint seed_length);
extern void g_rand_set_seed(GRand * rand_, guint32 seed);
extern void g_rand_set_seed_array(GRand * rand_, const guint32 *
seed,
                                  guint seed_length);
extern gdouble g_random_double(void);
```

```
extern gdouble g_random_double_range(gdouble begin, gdouble end);
extern guint32 g_random_int(void);
extern gint32 g_random_int_range(gint32 begin, gint32 end);
extern void g_random_set_seed(guint32 seed);
extern gpointer g_realloc(gpointer mem, gulong n_bytes);
extern gint g_relation_count(GRelation * relation, gconstpointer
key,
                             gint field);
extern gint g_relation_delete(GRelation * relation, gconstpointer
key,
                              gint field);
extern void g_relation_destroy(GRelation * relation);
extern gboolean g_relation_exists(GRelation * relation, ...);
extern void g_relation_index(GRelation * relation, gint field,
                             GHashFunc hash_func,
                             GEqualFunc key_equal_func);
extern void g_relation_insert(GRelation * relation, ...);
extern GRelation *g_relation_new(gint fields);
extern void g_relation_print(GRelation * relation);
extern    GTuples    *g_relation_select(GRelation    *    relation,
gconstpointer key,
                                    gint field);
extern void g_return_if_fail_warning(const char *log_domain,
                                     const char *pretty_function,
                                     const char *expression);
extern guint g_scanner_cur_line(GScanner * scanner);
extern guint g_scanner_cur_position(GScanner * scanner);
extern GTokenType g_scanner_cur_token(GScanner * scanner);
extern GTokenValue g_scanner_cur_value(GScanner * scanner);
extern void g_scanner_destroy(GScanner * scanner);
extern gboolean g_scanner_eof(GScanner * scanner);
extern void g_scanner_error(GScanner * scanner, const gchar *
format, ...);
extern GTokenType g_scanner_get_next_token(GScanner * scanner);
extern   void   g_scanner_input_file(GScanner   *   scanner,   gint
input_fd);
extern void g_scanner_input_text(GScanner * scanner, const gchar
* text,
                                 guint text_len);
extern gpointer g_scanner_lookup_symbol(GScanner * scanner,
                                        const gchar * symbol);
extern    GScanner    *g_scanner_new(const    GScannerConfig    *
config_templ);
extern GTokenType g_scanner_peek_next_token(GScanner * scanner);
extern void g_scanner_scope_add_symbol(GScanner * scanner, guint
scope_id,
                                       const gchar * symbol,
                                       gpointer value);
extern void g_scanner_scope_foreach_symbol(GScanner * scanner,
                                           guint scope_id, GHFunc
func,
                                           gpointer user_data);
extern gpointer g_scanner_scope_lookup_symbol(GScanner * scanner,
                                              guint scope_id,
                                                    const gchar *
symbol);
extern void g_scanner_scope_remove_symbol(GScanner * scanner,
                                          guint scope_id,
                                          const gchar * symbol);
extern   guint   g_scanner_set_scope(GScanner   *   scanner,   guint
scope_id);
extern void g_scanner_sync_file_offset(GScanner * scanner);
extern void g_scanner_unexp_token(GScanner * scanner,
                                  GTokenType expected_token,
                                  const gchar * identifier_spec,
                                  const gchar * symbol_spec,
```

 © 2008 Linux Foundation

```
                                    const gchar * symbol_name,
                                        const gchar * message, gint
is_error);
extern  void  g_scanner_warn(GScanner  *  scanner,  const  gchar  *
format, ...);
extern     void     g_set_application_name(const     gchar     *
application_name);
extern void g_set_error(GError * *err, GQuark domain, gint code,
                        const gchar * format, ...);
extern void g_set_prgname(const gchar * prgname);
extern GPrintFunc g_set_print_handler(GPrintFunc func);
extern GPrintFunc g_set_printerr_handler(GPrintFunc func);
extern  gboolean  g_setenv(const  gchar  *  variable,  const  gchar  *
value,
                           gboolean overwrite);
extern GQuark g_shell_error_quark(void);
extern gboolean g_shell_parse_argv(const gchar * command_line,
                                   gint * argcp, gchar * **argvp,
                                   GError * *error);
extern gchar *g_shell_quote(const gchar * unquoted_string);
extern gchar *g_shell_unquote(const gchar * quoted_string,
                              GError * *error);
extern GSList *g_slist_alloc(void);
extern GSList *g_slist_append(GSList * list, gpointer data);
extern GSList *g_slist_concat(GSList * list1, GSList * list2);
extern GSList *g_slist_copy(GSList * list);
extern  GSList  *g_slist_delete_link(GSList  *  list,  GSList  *
link_);
extern GSList *g_slist_find(GSList * list, gconstpointer data);
extern  GSList  *g_slist_find_custom(GSList  *  list,  gconstpointer
data,
                                   GCompareFunc func);
extern  void  g_slist_foreach(GSList  *  list,  GFunc  func,  gpointer
user_data);
extern void g_slist_free(GSList * list);
extern void g_slist_free_1(GSList * list);
extern gint g_slist_index(GSList * list, gconstpointer data);
extern GSList *g_slist_insert(GSList * list, gpointer data, gint
position);
extern  GSList  *g_slist_insert_before(GSList  *  slist,  GSList  *
sibling,
                                     gpointer data);
extern  GSList  *g_slist_insert_sorted(GSList  *  list,  gpointer
data,
                                     GCompareFunc func);
extern GSList *g_slist_last(GSList * list);
extern guint g_slist_length(GSList * list);
extern GSList *g_slist_nth(GSList * list, guint n);
extern gpointer g_slist_nth_data(GSList * list, guint n);
extern void g_slist_pop_allocator(void);
extern gint g_slist_position(GSList * list, GSList * llink);
extern GSList *g_slist_prepend(GSList * list, gpointer data);
extern void g_slist_push_allocator(GAllocator * dummy);
extern GSList *g_slist_remove(GSList * list, gconstpointer data);
extern  GSList  *g_slist_remove_all(GSList  *  list,  gconstpointer
data);
extern  GSList  *g_slist_remove_link(GSList  *  list,  GSList  *
link_);
extern GSList *g_slist_reverse(GSList * list);
extern   GSList   *g_slist_sort(GSList   *   list,   GCompareFunc
compare_func);
extern GSList *g_slist_sort_with_data(GSList * list,
                                      GCompareDataFunc
compare_func,
                                     gpointer user_data);
extern void g_source_add_poll(GSource * source, GPollFD * fd);
```

```
extern guint g_source_attach(GSource * source, GMainContext *
context);
extern void g_source_destroy(GSource * source);
extern gboolean g_source_get_can_recurse(GSource * source);
extern GMainContext *g_source_get_context(GSource * source);
extern void g_source_get_current_time(GSource * source,
                                      GTimeVal * timeval);
extern guint g_source_get_id(GSource * source);
extern gint g_source_get_priority(GSource * source);
extern GSource *g_source_new(GSourceFuncs * source_funcs,
                             guint struct_size);
extern GSource *g_source_ref(GSource * source);
extern gboolean g_source_remove(guint tag);
extern gboolean g_source_remove_by_funcs_user_data(GSourceFuncs *
funcs,
                                                   gpointer
user_data);
extern gboolean g_source_remove_by_user_data(gpointer user_data);
extern void g_source_remove_poll(GSource * source, GPollFD * fd);
extern void g_source_set_callback(GSource * source, GSourceFunc
func,
                                  gpointer data, GDestroyNotify
notify);
extern void g_source_set_callback_indirect(GSource * source,
                                           gpointer
callback_data,
                                           GSourceCallbackFuncs *
                                           callback_funcs);
extern void g_source_set_can_recurse(GSource * source,
                                     gboolean can_recurse);
extern void g_source_set_priority(GSource * source, gint
priority);
extern void g_source_unref(GSource * source);
extern guint g_spaced_primes_closest(guint num);
extern gboolean g_spawn_async(const gchar * working_directory,
                              gchar * *argv, gchar * *envp,
                              GSpawnFlags flags,
                              GSpawnChildSetupFunc child_setup,
                                      gpointer user_data, GPid *
child_pid,
                              GError * *error);
extern gboolean g_spawn_async_with_pipes(const gchar *
working_directory,
                                         gchar * *argv, gchar *
*envp,
                                      GSpawnFlags flags,
                                          GSpawnChildSetupFunc
child_setup,
                                      gpointer user_data,
                                      GPid * child_pid,
                                      gint * standard_input,
                                      gint * standard_output,
                                      gint * standard_error,
                                      GError * *error);
extern void g_spawn_close_pid(GPid pid);
extern gboolean g_spawn_command_line_async(const gchar *
command_line,
                                           GError * *error);
extern gboolean g_spawn_command_line_sync(const gchar *
command_line,
                                                    gchar *
*standard_output,
                                                    gchar *
*standard_error,
                                       gint * exit_status,
                                       GError * *error);
```

 © 2008 Linux Foundation

```
extern GQuark g_spawn_error_quark(void);
extern gboolean g_spawn_sync(const gchar * working_directory,
                             gchar * *argv, gchar * *envp,
                             GSpawnFlags flags,
                             GSpawnChildSetupFunc child_setup,
                                     gpointer user_data, gchar *
*standard_output,
                                  gchar * *standard_error, gint *
exit_status,
                             GError * *error);
extern void g_static_mutex_free(GStaticMutex * mutex);
extern GMutex *g_static_mutex_get_mutex_impl(GMutex * *mutex);
extern void g_static_mutex_init(GStaticMutex * mutex);
extern void g_static_private_free(GStaticPrivate * private_key);
extern     gpointer     g_static_private_get(GStaticPrivate     *
private_key);
extern void g_static_private_init(GStaticPrivate * private_key);
extern void g_static_private_set(GStaticPrivate * private_key,
                                 gpointer data, GDestroyNotify
notify);
extern void g_static_rec_mutex_free(GStaticRecMutex * mutex);
extern void g_static_rec_mutex_init(GStaticRecMutex * mutex);
extern void g_static_rec_mutex_lock(GStaticRecMutex * mutex);
extern void g_static_rec_mutex_lock_full(GStaticRecMutex * mutex,
                                         guint depth);
extern   gboolean   g_static_rec_mutex_trylock(GStaticRecMutex   *
mutex);
extern void g_static_rec_mutex_unlock(GStaticRecMutex * mutex);
extern  guint  g_static_rec_mutex_unlock_full(GStaticRecMutex  *
mutex);
extern void g_static_rw_lock_free(GStaticRWLock * lock);
extern void g_static_rw_lock_init(GStaticRWLock * lock);
extern void g_static_rw_lock_reader_lock(GStaticRWLock * lock);
extern  gboolean  g_static_rw_lock_reader_trylock(GStaticRWLock  *
lock);
extern void g_static_rw_lock_reader_unlock(GStaticRWLock * lock);
extern void g_static_rw_lock_writer_lock(GStaticRWLock * lock);
extern  gboolean  g_static_rw_lock_writer_trylock(GStaticRWLock  *
lock);
extern void g_static_rw_lock_writer_unlock(GStaticRWLock * lock);
extern gchar *g_stpcpy(gchar * dest, const gchar * src);
extern gboolean g_str_equal(gconstpointer v1, gconstpointer v2);
extern gboolean g_str_has_prefix(const gchar * str, const gchar *
prefix);
extern gboolean g_str_has_suffix(const gchar * str, const gchar *
suffix);
extern guint g_str_hash(gconstpointer v);
extern   gchar   *g_strcanon(gchar   *   string,   const   gchar   *
valid_chars,
                         gchar substitutor);
extern gchar *g_strchomp(gchar * string);
extern gchar *g_strchug(gchar * string);
extern gchar *g_strcompress(const gchar * source);
extern gchar *g_strconcat(const gchar * string1, ...);
extern  gchar  *g_strdelimit(gchar  *  string,  const  gchar  *
delimiters,
                           gchar new_delimiter);
extern gchar *g_strdup(const gchar * str);
extern gchar *g_strdup_printf(const gchar * format, ...);
extern  gchar  *g_strdup_vprintf(const  gchar  *  format,  va_list
args);
extern gchar **g_strdupv(gchar * *str_array);
extern const gchar *g_strerror(gint errnum);
extern  gchar  *g_strescape(const  gchar  *  source,  const  gchar  *
exceptions);
extern void g_strfreev(gchar * *str_array);
```

```
extern GString *g_string_append(GString * string, const gchar *
val);
extern GString *g_string_append_c(GString * string, gchar c);
extern GString *g_string_append_len(GString * string, const gchar
* val,
                                    gssize len);
extern void g_string_append_printf(GString * string, const gchar
* format,
                                   ...);
extern   GString   *g_string_append_unichar(GString   *   string,
gunichar wc);
extern GString *g_string_ascii_down(GString * string);
extern GString *g_string_ascii_up(GString * string);
extern GString *g_string_assign(GString * string, const gchar *
rval);
extern void g_string_chunk_free(GStringChunk * chunk);
extern gchar *g_string_chunk_insert(GStringChunk * chunk,
                                    const gchar * string);
extern gchar *g_string_chunk_insert_const(GStringChunk * chunk,
                                          const gchar * string);
extern gchar *g_string_chunk_insert_len(GStringChunk * chunk,
                                        const gchar * string,
gssize len);
extern GStringChunk *g_string_chunk_new(gsize size);
extern gboolean g_string_equal(const GString * v, const GString *
v2);
extern  GString  *g_string_erase(GString  *  string,  gssize  pos,
gssize len);
extern   gchar   *g_string_free(GString   *   string,   gboolean
free_segment);
extern guint g_string_hash(const GString * str);
extern GString *g_string_insert(GString * string, gssize pos,
                                const gchar * val);
extern GString *g_string_insert_c(GString * string, gssize pos,
gchar c);
extern GString *g_string_insert_len(GString * string, gssize pos,
                                    const gchar * val, gssize
len);
extern GString *g_string_insert_unichar(GString * string, gssize
pos,
                                        gunichar wc);
extern GString *g_string_new(const gchar * init);
extern GString *g_string_new_len(const gchar * init, gssize len);
extern GString *g_string_prepend(GString * string, const gchar *
val);
extern GString *g_string_prepend_c(GString * string, gchar c);
extern  GString  *g_string_prepend_len(GString  *  string,  const
gchar * val,
                                       gssize len);
extern   GString   *g_string_prepend_unichar(GString   *   string,
gunichar wc);
extern  void  g_string_printf(GString  *  string,  const  gchar  *
format, ...);
extern GString *g_string_set_size(GString * string, gsize len);
extern GString *g_string_sized_new(gsize dfl_size);
extern GString *g_string_truncate(GString * string, gsize len);
extern const gchar *g_strip_context(const gchar * msgid,
                                    const gchar * msgval);
extern gchar *g_strjoin(const gchar * separator, ...);
extern  gchar  *g_strjoinv(const  gchar  *  separator,  gchar  *
*str_array);
extern gsize g_strlcat(gchar * dest, const gchar * src, gsize
dest_size);
extern gsize g_strlcpy(gchar * dest, const gchar * src, gsize
dest_size);
extern gchar *g_strndup(const gchar * str, gsize n);
```

 © 2008 Linux Foundation

```
extern gchar *g_strnfill(gsize length, gchar fill_char);
extern gchar *g_strreverse(gchar * string);
extern gchar *g_strrstr(const gchar * haystack, const gchar *
needle);
extern gchar *g_strrstr_len(const gchar * haystack, gssize
haystack_len,
                            const gchar * needle);
extern const gchar *g_strsignal(gint signum);
extern gchar **g_strsplit(const gchar * string, const gchar *
delimiter,
                          gint max_tokens);
extern gchar **g_strsplit_set(const gchar * string,
                                  const gchar * delimiters, gint
max_tokens);
extern gchar *g_strstr_len(const gchar * haystack, gssize
haystack_len,
                           const gchar * needle);
extern gdouble g_strtod(const gchar * nptr, gchar * *endptr);
extern guint g_strv_length(gchar * *str_array);
extern GThread *g_thread_create_full(GThreadFunc func, gpointer
data,
                                     gulong stack_size, gboolean
joinable,
                                    gboolean bound,
                                    GThreadPriority priority,
                                    GError * *error);
extern GQuark g_thread_error_quark(void);
extern void g_thread_exit(gpointer retval);
extern GThreadFunctions g_thread_functions_for_glib_use;
extern void g_thread_init(GThreadFunctions * vtable);
extern                                                    void
g_thread_init_with_errorcheck_mutexes(GThreadFunctions *
                                                      vtable);
extern gpointer g_thread_join(GThread * thread);
extern void g_thread_pool_free(GThreadPool * pool, gboolean
immediate,
                               gboolean wait_);
extern gint g_thread_pool_get_max_threads(GThreadPool * pool);
extern gint g_thread_pool_get_max_unused_threads(void);
extern guint g_thread_pool_get_num_threads(GThreadPool * pool);
extern guint g_thread_pool_get_num_unused_threads(void);
extern GThreadPool *g_thread_pool_new(GFunc func, gpointer
user_data,
                                      gint max_threads, gboolean
exclusive,
                                     GError * *error);
extern void g_thread_pool_push(GThreadPool * pool, gpointer data,
                               GError * *error);
extern void g_thread_pool_set_max_threads(GThreadPool * pool,
                                          gint max_threads,
                                          GError * *error);
extern       void       g_thread_pool_set_max_unused_threads(gint
max_threads);
extern void g_thread_pool_stop_unused_threads(void);
extern guint g_thread_pool_unprocessed(GThreadPool * pool);
extern GThread *g_thread_self(void);
extern void g_thread_set_priority(GThread * thread,
                                  GThreadPriority priority);
extern gboolean g_thread_use_default_impl;
extern gboolean g_threads_got_initialized;
extern void g_time_val_add(GTimeVal * time_, glong microseconds);
extern guint g_timeout_add(guint32 interval, GSourceFunc
function,
                           gpointer data);
extern guint g_timeout_add_full(gint priority, guint interval,
                                GSourceFunc function, gpointer
```

```
data,
                                GDestroyNotify notify);
extern GSourceFuncs g_timeout_funcs;
extern GSource *g_timeout_source_new(guint interval);
extern void g_timer_continue(GTimer * timer);
extern void g_timer_destroy(GTimer * timer);
extern   gdouble   g_timer_elapsed(GTimer   *   timer,   gulong   *
microseconds);
extern GTimer *g_timer_new(void);
extern void g_timer_reset(GTimer * timer);
extern void g_timer_start(GTimer * timer);
extern void g_timer_stop(GTimer * timer);
extern guint g_trash_stack_height(GTrashStack * *stack_p);
extern gpointer g_trash_stack_peek(GTrashStack * *stack_p);
extern gpointer g_trash_stack_pop(GTrashStack * *stack_p);
extern  void  g_trash_stack_push(GTrashStack  *  *stack_p,  gpointer
data_p);
extern void g_tree_destroy(GTree * tree);
extern void g_tree_foreach(GTree * tree, GTraverseFunc func,
                           gpointer user_data);
extern gint g_tree_height(GTree * tree);
extern  void  g_tree_insert(GTree  *  tree,  gpointer  key,  gpointer
value);
extern gpointer g_tree_lookup(GTree * tree, gconstpointer key);
extern gboolean g_tree_lookup_extended(GTree * tree,
                                       gconstpointer lookup_key,
                                       gpointer * orig_key,
                                       gpointer * value);
extern GTree *g_tree_new(GCompareFunc key_compare_func);
extern GTree *g_tree_new_full(GCompareDataFunc key_compare_func,
                              gpointer key_compare_data,
                              GDestroyNotify key_destroy_func,
                              GDestroyNotify value_destroy_func);
extern        GTree        *g_tree_new_with_data(GCompareDataFunc
key_compare_func,
                                   gpointer key_compare_data);
extern gint g_tree_nnodes(GTree * tree);
extern gboolean g_tree_remove(GTree * tree, gconstpointer key);
extern  void  g_tree_replace(GTree  *  tree,  gpointer  key,  gpointer
value);
extern   gpointer   g_tree_search(GTree   *   tree,   GCompareFunc
search_func,
                              gconstpointer user_data);
extern gboolean g_tree_steal(GTree * tree, gconstpointer key);
extern gpointer g_try_malloc(gulong n_bytes);
extern gpointer g_try_realloc(gpointer mem, gulong n_bytes);
extern void g_tuples_destroy(GTuples * tuples);
extern  gpointer  g_tuples_index(GTuples  *  tuples,  gint  index_,
gint field);
extern  gunichar2  *g_ucs4_to_utf16(const  gunichar  *  str,  glong
len,
                                    glong * items_read,
                                    glong * items_written, GError *
*error);
extern gchar *g_ucs4_to_utf8(const gunichar * str, glong len,
                                       glong  *  items_read,  glong  *
items_written,
                             GError * *error);
extern GUnicodeBreakType g_unichar_break_type(gunichar c);
extern gint g_unichar_digit_value(gunichar c);
extern gboolean g_unichar_get_mirror_char(gunichar ch,
                                                              gunichar *
mirrored_ch);
extern gboolean g_unichar_isalnum(gunichar c);
extern gboolean g_unichar_isalpha(gunichar c);
extern gboolean g_unichar_iscntrl(gunichar c);
```

 © 2008 Linux Foundation

```
extern gboolean g_unichar_isdefined(gunichar c);
extern gboolean g_unichar_isdigit(gunichar c);
extern gboolean g_unichar_isgraph(gunichar c);
extern gboolean g_unichar_islower(gunichar c);
extern gboolean g_unichar_isprint(gunichar c);
extern gboolean g_unichar_ispunct(gunichar c);
extern gboolean g_unichar_isspace(gunichar c);
extern gboolean g_unichar_istitle(gunichar c);
extern gboolean g_unichar_isupper(gunichar c);
extern gboolean g_unichar_iswide(gunichar c);
extern gboolean g_unichar_isxdigit(gunichar c);
extern gint g_unichar_to_utf8(gunichar c, gchar * outbuf);
extern gunichar g_unichar_tolower(gunichar c);
extern gunichar g_unichar_totitle(gunichar c);
extern gunichar g_unichar_toupper(gunichar c);
extern GUnicodeType g_unichar_type(gunichar c);
extern gboolean g_unichar_validate(gunichar ch);
extern gint g_unichar_xdigit_value(gunichar c);
extern gunichar *g_unicode_canonical_decomposition(gunichar ch,
                                                   gsize *
result_len);
extern void g_unicode_canonical_ordering(gunichar * string, gsize
len);
extern void g_unsetenv(const gchar * variable);
extern gchar **g_uri_list_extract_uris(const gchar * uri_list);
extern void g_usleep(gulong microseconds);
extern  gunichar  *g_utf16_to_ucs4(const  gunichar2  *  str,  glong
len,
                                   glong * items_read, glong *
items_written,
                                GError * *error);
extern gchar *g_utf16_to_utf8(const gunichar2 * str, glong len,
                                   glong * items_read, glong *
items_written,
                              GError * *error);
extern gchar *g_utf8_casefold(const gchar * str, gssize len);
extern  gint  g_utf8_collate(const  gchar  *  str1,  const  gchar  *
str2);
extern gchar *g_utf8_collate_key(const gchar * str, gssize len);
extern gchar *g_utf8_collate_key_for_filename(const gchar * str,
                                              gssize len);
extern gchar *g_utf8_find_next_char(const gchar * p, const gchar
* end);
extern gchar *g_utf8_find_prev_char(const char *str, const char
*p);
extern gunichar g_utf8_get_char(const gchar * p);
extern gunichar g_utf8_get_char_validated(const gchar * p, gssize
max_len);
extern gchar *g_utf8_normalize(const gchar * str, gssize len,
                               GNormalizeMode mode);
extern gchar *g_utf8_offset_to_pointer(const gchar * str, glong
offset);
extern glong g_utf8_pointer_to_offset(const gchar * str,
                                      const gchar * pos);
extern gchar *g_utf8_prev_char(const gchar * p);
extern const gchar *const g_utf8_skip;
extern gchar *g_utf8_strchr(const char *p, gssize len, gunichar
c);
extern gchar *g_utf8_strdown(const gchar * str, gssize len);
extern glong g_utf8_strlen(const gchar * p, gssize max);
extern  gchar  *g_utf8_strncpy(gchar  *  dest,  const  gchar  *  src,
gsize n);
extern gchar *g_utf8_strrchr(const char *p, gssize len, gunichar
c);
extern gchar *g_utf8_strreverse(const gchar * str, gssize len);
extern gchar *g_utf8_strup(const gchar * str, gssize len);
```

```
extern gunichar *g_utf8_to_ucs4(const gchar * str, glong len,
                                    glong * items_read, glong *
items_written,
                                GError * *error);
extern  gunichar  *g_utf8_to_ucs4_fast(const  gchar  *  str,  glong
len,
                                   glong * items_written);
extern gunichar2 *g_utf8_to_utf16(const gchar * str, glong len,
                                  glong * items_read,
                                   glong * items_written, GError *
*error);
extern gboolean g_utf8_validate(const char *str, gssize max_len,
                                const gchar * *end);
extern const guint glib_binary_age;
extern const gchar *glib_check_version(guint required_major,
                                       guint required_minor,
                                       guint required_micro);
extern const guint glib_interface_age;
extern const guint glib_major_version;
extern GMemVTable *glib_mem_profiler_table;
extern const guint glib_micro_version;
extern const guint glib_minor_version;
```

16.3.2 glib-2.0/glib/gprintf.h

```
extern gint g_fprintf(FILE * file, const gchar * format, ...);
extern gint g_printf(const gchar * format, ...);
extern  gint  g_snprintf(gchar  *  string,  gulong  n,  const  gchar  *
format,
                         ...);
extern gint g_sprintf(gchar * string, const gchar * format, ...);
extern gint g_vasprintf(gchar * *string, const gchar * format,
                        va_list args);
extern gint g_vfprintf(FILE * file, const gchar * format, va_list
args);
extern gint g_vprintf(const gchar * format, va_list args);
extern  gint  g_vsnprintf(gchar  *  string,  gulong  n,  const  gchar  *
format,
                          va_list args);
extern  gint  g_vsprintf(gchar  *  string,  const  gchar  *  format,
va_list args);
```

16.3.3 glib-2.0/glib/gstdio.h

```
#define g_access        access
#define g_chdir chdir
#define g_chmod chmod
#define g_creat creat
#define g_fopen fopen
#define g_freopen       freopen
#define g_lstat lstat
#define g_mkdir mkdir
#define g_open  open
#define g_remove        remove
#define g_rename        rename
#define g_rmdir rmdir
#define g_stat  stat
#define g_unlink        unlink
```

16.4 Interface Definitions for libglib-2.0

The interfaces defined on the following pages are included in libglib-2.0 and are

 © 2008 Linux Foundation

defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 16.2 shall behave as described in the referenced base document.

g_cache_value_foreach

Name

g_cache_value_foreach — call specified interface for each value in GCache (DEPRECATED)

Synopsis

```
#include <glib-2.0/glib.h>
void g_cache_value_foreach(GCache * cache, GHFunc func, gpointer user_data);
```

Description

The interface g_cache_value_foreach() shall behave as described in Glib 2.8.6 Reference Manual. However, this interface is deprecated and should not be used in newly-written code, because it passes pointers to unspecified internal data structures to *func*. Use g_cache_key_foreach() instead.

16.5 Interfaces for libgobject-2.0

Table 16-54 defines the library name and shared object name for the libgobject-2.0 library

Table 16-54 libgobject-2.0 Definition

Library:	libgobject-2.0
SONAME:	libgobject-2.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Gobject 2.8] Gobject 2.8.6 Reference Manual
[LSB] This Specification

16.5.1 Gobject GTypeModule

16.5.1.1 Interfaces for Gobject GTypeModule

An LSB conforming implementation shall provide the generic functions for Gobject GTypeModule specified in Table 16-55, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-55 libgobject-2.0 - Gobject GTypeModule Function Interfaces

g_type_module_add_interface [Gobject 2.8]	g_type_module_get_type [Gobject 2.8]
g_type_module_register_enum [Gobject 2.8]	g_type_module_register_flags [Gobject 2.8]
g_type_module_register_type	g_type_module_set_name [Gobject

[Gobject 2.8]	2.8]
g_type_module_unuse [Gobject 2.8]	g_type_module_use [Gobject 2.8]

16.5.2 Gobject Enums and Flags

16.5.2.1 Interfaces for Gobject Enums and Flags

An LSB conforming implementation shall provide the generic functions for Gobject Enums and Flags specified in Table 16-56, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-56 libgobject-2.0 - Gobject Enums and Flags Function Interfaces

g_enum_complete_type_info [Gobject 2.8]	g_enum_get_value [Gobject 2.8]
g_enum_get_value_by_name [Gobject 2.8]	g_enum_get_value_by_nick [Gobject 2.8]
g_enum_register_static [Gobject 2.8]	g_flags_complete_type_info [Gobject 2.8]
g_flags_get_first_value [Gobject 2.8]	g_flags_get_value_by_name [Gobject 2.8]
g_flags_get_value_by_nick [Gobject 2.8]	g_flags_register_static [Gobject 2.8]

16.5.3 Gobject Signals

16.5.3.1 Interfaces for Gobject Signals

An LSB conforming implementation shall provide the generic functions for Gobject Signals specified in Table 16-57, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-57 libgobject-2.0 - Gobject Signals Function Interfaces

g_signal_accumulator_true_handled [Gobject 2.8]	g_signal_add_emission_hook [Gobject 2.8]
g_signal_chain_from_overridden [Gobject 2.8]	g_signal_connect_closure [Gobject 2.8]
g_signal_connect_closure_by_id [Gobject 2.8]	g_signal_connect_data [Gobject 2.8]
g_signal_connect_object [Gobject 2.8]	g_signal_emit [Gobject 2.8]
g_signal_emit_by_name [Gobject 2.8]	g_signal_emit_valist [Gobject 2.8]
g_signal_emitv [Gobject 2.8]	g_signal_get_invocation_hint [Gobject 2.8]
g_signal_handler_block [Gobject 2.8]	g_signal_handler_disconnect [Gobject 2.8]
g_signal_handler_find [Gobject 2.8]	g_signal_handler_is_connected [Gobject 2.8]
g_signal_handler_unblock [Gobject 2.8]	g_signal_handlers_block_matched [Gobject 2.8]

 © 2008 Linux Foundation

g_signal_handlers_destroy [Gobject 2.8]	g_signal_handlers_disconnect_matched [Gobject 2.8]
g_signal_handlers_unblock_matched [Gobject 2.8]	g_signal_has_handler_pending [Gobject 2.8]
g_signal_list_ids [Gobject 2.8]	g_signal_lookup [Gobject 2.8]
g_signal_name [Gobject 2.8]	g_signal_new [Gobject 2.8]
g_signal_new_valist [Gobject 2.8]	g_signal_newv [Gobject 2.8]
g_signal_override_class_closure [Gobject 2.8]	g_signal_parse_name [Gobject 2.8]
g_signal_query [Gobject 2.8]	g_signal_remove_emission_hook [Gobject 2.8]
g_signal_stop_emission [Gobject 2.8]	g_signal_stop_emission_by_name [Gobject 2.8]
g_signal_type_cclosure_new [Gobject 2.8]	

16.5.4 Gobject Value arrays

16.5.4.1 Interfaces for Gobject Value arrays

An LSB conforming implementation shall provide the generic functions for Gobject Value arrays specified in Table 16-58, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-58 libgobject-2.0 - Gobject Value arrays Function Interfaces

g_value_array_append [Gobject 2.8]	g_value_array_copy [Gobject 2.8]
g_value_array_free [Gobject 2.8]	g_value_array_get_nth [Gobject 2.8]
g_value_array_insert [Gobject 2.8]	g_value_array_new [Gobject 2.8]
g_value_array_prepend [Gobject 2.8]	g_value_array_remove [Gobject 2.8]
g_value_array_sort [Gobject 2.8]	g_value_array_sort_with_data [Gobject 2.8]

16.5.5 Gobject Generic Values

16.5.5.1 Interfaces for Gobject Generic Values

An LSB conforming implementation shall provide the generic functions for Gobject Generic Values specified in Table 16-59, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-59 libgobject-2.0 - Gobject Generic Values Function Interfaces

g_strdup_value_contents [Gobject 2.8]	g_value_array_get_type [Gobject 2.8]
g_value_copy [Gobject 2.8]	g_value_fits_pointer [Gobject 2.8]
g_value_get_type [Gobject 2.8]	g_value_init [Gobject 2.8]
g_value_peek_pointer [Gobject 2.8]	g_value_register_transform_func [Gobject 2.8]
g_value_reset [Gobject 2.8]	g_value_set_instance [LSB]

g_value_transform [Gobject 2.8]	g_value_type_compatible [Gobject 2.8]
g_value_type_transformable [Gobject 2.8]	g_value_unset [Gobject 2.8]

16.5.6 Gobject Parameters and Values

16.5.6.1 Interfaces for Gobject Parameters and Values

An LSB conforming implementation shall provide the generic functions for Gobject Parameters and Values specified in Table 16-60, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-60 libgobject-2.0 - Gobject Parameters and Values Function Interfaces

g_param_spec_boolean [Gobject 2.8]	g_param_spec_boxed [Gobject 2.8]
g_param_spec_char [Gobject 2.8]	g_param_spec_double [Gobject 2.8]
g_param_spec_enum [Gobject 2.8]	g_param_spec_flags [Gobject 2.8]
g_param_spec_float [Gobject 2.8]	g_param_spec_int [Gobject 2.8]
g_param_spec_int64 [Gobject 2.8]	g_param_spec_long [Gobject 2.8]
g_param_spec_object [Gobject 2.8]	g_param_spec_override [Gobject 2.8]
g_param_spec_param [Gobject 2.8]	g_param_spec_pointer [Gobject 2.8]
g_param_spec_string [Gobject 2.8]	g_param_spec_uchar [Gobject 2.8]
g_param_spec_uint [Gobject 2.8]	g_param_spec_uint64 [Gobject 2.8]
g_param_spec_ulong [Gobject 2.8]	g_param_spec_unichar [Gobject 2.8]
g_param_spec_value_array [Gobject 2.8]	g_value_dup_boxed [Gobject 2.8]
g_value_dup_object [Gobject 2.8]	g_value_dup_param [Gobject 2.8]
g_value_dup_string [Gobject 2.8]	g_value_get_boolean [Gobject 2.8]
g_value_get_boxed [Gobject 2.8]	g_value_get_char [Gobject 2.8]
g_value_get_double [Gobject 2.8]	g_value_get_enum [Gobject 2.8]
g_value_get_flags [Gobject 2.8]	g_value_get_float [Gobject 2.8]
g_value_get_int [Gobject 2.8]	g_value_get_int64 [Gobject 2.8]
g_value_get_long [Gobject 2.8]	g_value_get_object [Gobject 2.8]
g_value_get_param [Gobject 2.8]	g_value_get_pointer [Gobject 2.8]
g_value_get_string [Gobject 2.8]	g_value_get_uchar [Gobject 2.8]
g_value_get_uint [Gobject 2.8]	g_value_get_uint64 [Gobject 2.8]
g_value_get_ulong [Gobject 2.8]	g_value_set_boolean [Gobject 2.8]
g_value_set_boxed [Gobject 2.8]	g_value_set_char [Gobject 2.8]
g_value_set_double [Gobject 2.8]	g_value_set_enum [Gobject 2.8]
g_value_set_flags [Gobject 2.8]	g_value_set_float [Gobject 2.8]
g_value_set_int [Gobject 2.8]	g_value_set_int64 [Gobject 2.8]
g_value_set_long [Gobject 2.8]	g_value_set_object [Gobject 2.8]
g_value_set_param [Gobject 2.8]	g_value_set_pointer [Gobject 2.8]

 © 2008 Linux Foundation

g_value_set_static_boxed [Gobject 2.8]	g_value_set_static_string [Gobject 2.8]
g_value_set_string [Gobject 2.8]	g_value_set_uchar [Gobject 2.8]
g_value_set_uint [Gobject 2.8]	g_value_set_uint64 [Gobject 2.8]
g_value_set_ulong [Gobject 2.8]	g_value_take_boxed [Gobject 2.8]
g_value_take_object [Gobject 2.8]	g_value_take_param [Gobject 2.8]
g_value_take_string [Gobject 2.8]	

An LSB conforming implementation shall provide the generic data interfaces for Gobject Parameters and Values specified in Table 16-61, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-61 libgobject-2.0 - Gobject Parameters and Values Data Interfaces

g_param_spec_types [Gobject 2.8]	

16.5.7 Gobject GParamSpec

16.5.7.1 Interfaces for Gobject GParamSpec

An LSB conforming implementation shall provide the generic functions for Gobject GParamSpec specified in Table 16-62, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-62 libgobject-2.0 - Gobject GParamSpec Function Interfaces

g_param_spec_get_blurb [Gobject 2.8]	g_param_spec_get_name [Gobject 2.8]
g_param_spec_get_nick [Gobject 2.8]	g_param_spec_get_qdata [Gobject 2.8]
g_param_spec_get_redirect_target [Gobject 2.8]	g_param_spec_internal [Gobject 2.8]
g_param_spec_pool_insert [Gobject 2.8]	g_param_spec_pool_list [Gobject 2.8]
g_param_spec_pool_list_owned [Gobject 2.8]	g_param_spec_pool_lookup [Gobject 2.8]
g_param_spec_pool_new [Gobject 2.8]	g_param_spec_pool_remove [Gobject 2.8]
g_param_spec_ref [Gobject 2.8]	g_param_spec_set_qdata [Gobject 2.8]
g_param_spec_set_qdata_full [Gobject 2.8]	g_param_spec_sink [Gobject 2.8]
g_param_spec_steal_qdata [Gobject 2.8]	g_param_spec_unref [Gobject 2.8]
g_param_type_register_static [Gobject 2.8]	g_param_value_convert [Gobject 2.8]
g_param_value_defaults [Gobject 2.8]	g_param_value_set_default [Gobject 2.8]
g_param_value_validate [Gobject 2.8]	g_param_values_cmp [Gobject 2.8]

16.5.8 Gobject GBoxed

16.5.8.1 Interfaces for Gobject GBoxed

An LSB conforming implementation shall provide the generic functions for Gobject GBoxed specified in Table 16-63, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-63 libgobject-2.0 - Gobject GBoxed Function Interfaces

g_boxed_copy [Gobject 2.8]	g_boxed_free [Gobject 2.8]
g_boxed_type_register_static [Gobject 2.8]	g_gstring_get_type [Gobject 2.8]
g_pointer_type_register_static [Gobject 2.8]	g_strv_get_type [Gobject 2.8]

16.5.9 Gobject Closures

16.5.9.1 Interfaces for Gobject Closures

An LSB conforming implementation shall provide the generic functions for Gobject Closures specified in Table 16-64, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-64 libgobject-2.0 - Gobject Closures Function Interfaces

g_cclosure_marshal_BOOLEAN__FLAGS [Gobject 2.8]	g_cclosure_marshal_STRING__OBJECT_POINTER [Gobject 2.8]
g_cclosure_marshal_VOID__BOOLEAN [Gobject 2.8]	g_cclosure_marshal_VOID__BOXED [Gobject 2.8]
g_cclosure_marshal_VOID__CHAR [Gobject 2.8]	g_cclosure_marshal_VOID__DOUBLE [Gobject 2.8]
g_cclosure_marshal_VOID__ENUM [Gobject 2.8]	g_cclosure_marshal_VOID__FLAGS [Gobject 2.8]
g_cclosure_marshal_VOID__FLOAT [Gobject 2.8]	g_cclosure_marshal_VOID__INT [Gobject 2.8]
g_cclosure_marshal_VOID__LONG [Gobject 2.8]	g_cclosure_marshal_VOID__OBJECT [Gobject 2.8]
g_cclosure_marshal_VOID__PARAM [Gobject 2.8]	g_cclosure_marshal_VOID__POINTER [Gobject 2.8]
g_cclosure_marshal_VOID__STRING [Gobject 2.8]	g_cclosure_marshal_VOID__UCHAR [Gobject 2.8]
g_cclosure_marshal_VOID__UINT [Gobject 2.8]	g_cclosure_marshal_VOID__UINT_POINTER [Gobject 2.8]
g_cclosure_marshal_VOID__ULONG [Gobject 2.8]	g_cclosure_marshal_VOID__VOID [Gobject 2.8]
g_cclosure_new [Gobject 2.8]	g_cclosure_new_object [Gobject 2.8]
g_cclosure_new_object_swap [Gobject 2.8]	g_cclosure_new_swap [Gobject 2.8]
g_closure_add_finalize_notifier [Gobject 2.8]	g_closure_add_invalidate_notifier [Gobject 2.8]

 © 2008 Linux Foundation

g_closure_add_marshal_guards [Gobject 2.8]	g_closure_invalidate [Gobject 2.8]
g_closure_invoke [Gobject 2.8]	g_closure_new_object [Gobject 2.8]
g_closure_new_simple [Gobject 2.8]	g_closure_ref [Gobject 2.8]
g_closure_remove_finalize_notifier [Gobject 2.8]	g_closure_remove_invalidate_notifier [Gobject 2.8]
g_closure_set_marshal [Gobject 2.8]	g_closure_set_meta_marshal [Gobject 2.8]
g_closure_sink [Gobject 2.8]	g_closure_unref [Gobject 2.8]
g_source_set_closure [Gobject 2.8]	

16.5.10 Gobject Gobject

16.5.10.1 Interfaces for Gobject Gobject

An LSB conforming implementation shall provide the generic functions for Gobject Gobject specified in Table 16-65, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-65 libgobject-2.0 - Gobject Gobject Function Interfaces

g_object_add_toggle_ref [Gobject 2.8]	g_object_add_weak_pointer [Gobject 2.8]
g_object_class_find_property [Gobject 2.8]	g_object_class_install_property [Gobject 2.8]
g_object_class_list_properties [Gobject 2.8]	g_object_class_override_property [Gobject 2.8]
g_object_connect [Gobject 2.8]	g_object_disconnect [Gobject 2.8]
g_object_freeze_notify [Gobject 2.8]	g_object_get [Gobject 2.8]
g_object_get_data [Gobject 2.8]	g_object_get_property [Gobject 2.8]
g_object_get_qdata [Gobject 2.8]	g_object_get_valist [Gobject 2.8]
g_object_interface_find_property [Gobject 2.8]	g_object_interface_install_property [Gobject 2.8]
g_object_interface_list_properties [Gobject 2.8]	g_object_new [Gobject 2.8]
g_object_new_valist [Gobject 2.8]	g_object_newv [Gobject 2.8]
g_object_notify [Gobject 2.8]	g_object_ref [Gobject 2.8]
g_object_remove_toggle_ref [Gobject 2.8]	g_object_remove_weak_pointer [Gobject 2.8]
g_object_run_dispose [Gobject 2.8]	g_object_set [Gobject 2.8]
g_object_set_data [Gobject 2.8]	g_object_set_data_full [Gobject 2.8]
g_object_set_property [Gobject 2.8]	g_object_set_qdata [Gobject 2.8]
g_object_set_qdata_full [Gobject 2.8]	g_object_set_valist [Gobject 2.8]
g_object_steal_data [Gobject 2.8]	g_object_steal_qdata [Gobject 2.8]
g_object_thaw_notify [Gobject 2.8]	g_object_unref [Gobject 2.8]
g_object_watch_closure [Gobject 2.8]	g_object_weak_ref [Gobject 2.8]

g_object_weak_unref [Gobject 2.8]	

16.5.11 Gobject GType

16.5.11.1 Interfaces for Gobject GType

An LSB conforming implementation shall provide the generic functions for Gobject GType specified in Table 16-66, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-66 libgobject-2.0 - Gobject GType Function Interfaces

g_closure_get_type [Gobject 2.8]	g_io_channel_get_type [Gobject 2.8]
g_io_condition_get_type [Gobject 2.8]	g_type_add_class_cache_func [Gobject 2.8]
g_type_add_interface_check [Gobject 2.8]	g_type_add_interface_dynamic [Gobject 2.8]
g_type_add_interface_static [Gobject 2.8]	g_type_check_class_cast [Gobject 2.8]
g_type_check_class_is_a [Gobject 2.8]	g_type_check_instance [Gobject 2.8]
g_type_check_instance_cast [Gobject 2.8]	g_type_check_instance_is_a [Gobject 2.8]
g_type_check_is_value_type [Gobject 2.8]	g_type_check_value [Gobject 2.8]
g_type_check_value_holds [Gobject 2.8]	g_type_children [Gobject 2.8]
g_type_class_add_private [Gobject 2.8]	g_type_class_peek [Gobject 2.8]
g_type_class_peek_parent [Gobject 2.8]	g_type_class_peek_static [Gobject 2.8]
g_type_class_ref [Gobject 2.8]	g_type_class_unref [Gobject 2.8]
g_type_class_unref_uncached [Gobject 2.8]	g_type_create_instance [Gobject 2.8]
g_type_default_interface_peek [Gobject 2.8]	g_type_default_interface_ref [Gobject 2.8]
g_type_default_interface_unref [Gobject 2.8]	g_type_depth [Gobject 2.8]
g_type_free_instance [Gobject 2.8]	g_type_from_name [Gobject 2.8]
g_type_fundamental [Gobject 2.8]	g_type_fundamental_next [Gobject 2.8]
g_type_get_plugin [Gobject 2.8]	g_type_get_qdata [Gobject 2.8]
g_type_init [Gobject 2.8]	g_type_init_with_debug_flags [Gobject 2.8]
g_type_instance_get_private [Gobject 2.8]	g_type_interface_add_prerequisite [Gobject 2.8]
g_type_interface_get_plugin [Gobject 2.8]	g_type_interface_peek [Gobject 2.8]

 © 2008 Linux Foundation

g_type_interface_peek_parent [Gobject 2.8]	g_type_interface_prerequisites [Gobject 2.8]
g_type_interfaces [Gobject 2.8]	g_type_is_a [Gobject 2.8]
g_type_name [Gobject 2.8]	g_type_name_from_class [LSB]
g_type_name_from_instance [LSB]	g_type_next_base [Gobject 2.8]
g_type_parent [Gobject 2.8]	g_type_qname [Gobject 2.8]
g_type_query [Gobject 2.8]	g_type_register_dynamic [Gobject 2.8]
g_type_register_fundamental [Gobject 2.8]	g_type_register_static [Gobject 2.8]
g_type_remove_class_cache_func [Gobject 2.8]	g_type_remove_interface_check [Gobject 2.8]
g_type_set_qdata [Gobject 2.8]	g_type_test_flags [Gobject 2.8]
g_type_value_table_peek [Gobject 2.8]	

16.5.12 Gobject GTypePlugin

16.5.12.1 Interfaces for Gobject GTypePlugin

An LSB conforming implementation shall provide the generic functions for Gobject GTypePlugin specified in Table 16-67, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-67 libgobject-2.0 - Gobject GTypePlugin Function Interfaces

g_type_plugin_complete_interface_info [Gobject 2.8]	g_type_plugin_complete_type_info [Gobject 2.8]
g_type_plugin_get_type [Gobject 2.8]	g_type_plugin_unuse [Gobject 2.8]
g_type_plugin_use [Gobject 2.8]	

16.6 Data Definitions for libgobject-2.0

This section defines global identifiers and their values that are associated with interfaces contained in libgobject-2.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.6.1 glib-2.0/glib-object.h

```
#define G_CLOSURE_NEEDS_MARSHAL(closure)         \
        (((GClosure*) (closure))->marshal == NULL)
#define G_TYPE_FROM_INTERFACE(g_iface)   \
        (((GTypeInterface*) (g_iface))->g_type)
#define G_CLOSURE_N_NOTIFIERS(cl)        \
           ((cl)->meta_marshal + ((cl)->n_guards << 1L) + (cl)-
>n_fnotifiers + \
        (cl)->n_inotifiers)
#define _G_TYPE_CCC(cp,gt,ct)    \
        ((ct*) g_type_check_class_cast ((GTypeClass*) cp, gt))
#define _G_TYPE_CIC(ip,gt,ct)    \
          ((ct*) g_type_check_instance_cast ((GTypeInstance*) ip,
gt))
#define _G_TYPE_IGI(ip,gt,ct)    \
            ((ct*) g_type_interface_peek (((GTypeInstance*) ip)-
>g_class, gt))
#define
G_TYPE_INSTANCE_GET_PRIVATE(instance,g_type,c_type)      \
         ((c_type*) g_type_instance_get_private ((GTypeInstance*)
(instance), \
        (g_type)))
#define G_TYPE_MAKE_FUNDAMENTAL(x)       \
        ((GType) ((x) << G_TYPE_FUNDAMENTAL_SHIFT))
#define _G_TYPE_CCT(cp,gt)       \
         (G_GNUC_EXTENSION ({ GTypeClass *__class = (GTypeClass*)
cp; GType \
        __t = gt; gboolean __r; if (__class && __class->g_type ==
__t) __r = \
         TRUE; else __r = g_type_check_class_is_a (__class, __t);
__r; }))
#define _G_TYPE_CIT(ip,gt)       \
                (G_GNUC_EXTENSION  ({  GTypeInstance  *__inst  =
(GTypeInstance*) ip; \
          GType __t = gt; gboolean __r; if (__inst && __inst-
>g_class && \
        __inst->g_class->g_type == __t) __r = TRUE; else __r = \
        g_type_check_instance_is_a (__inst, __t); __r; }))
#define _G_TYPE_CVH(vl,gt)       \
         (G_GNUC_EXTENSION ({ GValue *__val = (GValue*) vl; GType
__t = gt; \
          gboolean __r; if (__val && __val->g_type == __t) __r =
TRUE; else __r \
        = g_type_check_value_holds (__val, __t); __r; }))
#define G_ENUM_CLASS(class)      \
                (G_TYPE_CHECK_CLASS_CAST  ((class),  G_TYPE_ENUM,
GEnumClass))
#define G_FLAGS_CLASS(class)     \
                (G_TYPE_CHECK_CLASS_CAST  ((class),  G_TYPE_FLAGS,
GFlagsClass))
#define G_OBJECT_CLASS(class)    \
               (G_TYPE_CHECK_CLASS_CAST  ((class),  G_TYPE_OBJECT,
GObjectClass))
#define G_TYPE_MODULE_CLASS(class)       \
        (G_TYPE_CHECK_CLASS_CAST ((class), G_TYPE_TYPE_MODULE, \
        GTypeModuleClass))
#define G_PARAM_SPEC_CLASS(pclass)       \
              (G_TYPE_CHECK_CLASS_CAST  ((pclass),  G_TYPE_PARAM,
GParamSpecClass))
#define G_TYPE_PLUGIN_CLASS(vtable)      \
        (G_TYPE_CHECK_CLASS_CAST ((vtable), G_TYPE_TYPE_PLUGIN, \
        GTypePluginClass))
#define G_IS_ENUM_CLASS(class)   \
```

 © 2008 Linux Foundation

```
        (G_TYPE_CHECK_CLASS_TYPE ((class), G_TYPE_ENUM))
#define G_IS_FLAGS_CLASS(class)  \
        (G_TYPE_CHECK_CLASS_TYPE ((class), G_TYPE_FLAGS))
#define G_IS_OBJECT_CLASS(class)         \
        (G_TYPE_CHECK_CLASS_TYPE ((class), G_TYPE_OBJECT))
#define G_IS_TYPE_MODULE_CLASS(class)    \
        (G_TYPE_CHECK_CLASS_TYPE ((class), G_TYPE_TYPE_MODULE))
#define G_IS_PARAM_SPEC_CLASS(pclass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((pclass), G_TYPE_PARAM))
#define G_IS_TYPE_PLUGIN_CLASS(vtable)   \
        (G_TYPE_CHECK_CLASS_TYPE ((vtable), G_TYPE_TYPE_PLUGIN))
#define G_TYPE_PLUGIN(inst)      \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((inst),
G_TYPE_TYPE_PLUGIN, \
        GTypePlugin))
#define G_TYPE_MODULE(module)    \
                         (G_TYPE_CHECK_INSTANCE_CAST   ((module),
G_TYPE_TYPE_MODULE, \
        GTypeModule))
#define G_OBJECT(object)         \
           (G_TYPE_CHECK_INSTANCE_CAST ((object), G_TYPE_OBJECT,
GObject))
#define G_PARAM_SPEC(pspec)      \
             (G_TYPE_CHECK_INSTANCE_CAST ((pspec), G_TYPE_PARAM,
GParamSpec))
#define G_PARAM_SPEC_BOOLEAN(pspec)      \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_BOOLEAN, \
        GParamSpecBoolean))
#define G_PARAM_SPEC_BOXED(pspec)        \
         (G_TYPE_CHECK_INSTANCE_CAST ((pspec), G_TYPE_PARAM_BOXED,
\
        GParamSpecBoxed))
#define G_PARAM_SPEC_CHAR(pspec)         \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_CHAR, \
        GParamSpecChar))
#define G_PARAM_SPEC_DOUBLE(pspec)       \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_DOUBLE, \
        GParamSpecDouble))
#define G_PARAM_SPEC_ENUM(pspec)         \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_ENUM, \
        GParamSpecEnum))
#define G_PARAM_SPEC_FLAGS(pspec)        \
         (G_TYPE_CHECK_INSTANCE_CAST ((pspec), G_TYPE_PARAM_FLAGS,
\
        GParamSpecFlags))
#define G_PARAM_SPEC_FLOAT(pspec)        \
         (G_TYPE_CHECK_INSTANCE_CAST ((pspec), G_TYPE_PARAM_FLOAT,
\
        GParamSpecFloat))
#define G_PARAM_SPEC_INT(pspec)  \
        (G_TYPE_CHECK_INSTANCE_CAST ((pspec), G_TYPE_PARAM_INT, \
        GParamSpecInt))
#define G_PARAM_SPEC_INT64(pspec)        \
         (G_TYPE_CHECK_INSTANCE_CAST ((pspec), G_TYPE_PARAM_INT64,
\
        GParamSpecInt64))
#define G_PARAM_SPEC_LONG(pspec)         \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_LONG, \
        GParamSpecLong))
#define G_PARAM_SPEC_OBJECT(pspec)       \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
```

```
G_TYPE_PARAM_OBJECT, \
        GParamSpecObject))
#define G_PARAM_SPEC_OVERRIDE(pspec)     \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_OVERRIDE, \
        GParamSpecOverride))
#define G_PARAM_SPEC_PARAM(pspec)        \
         (G_TYPE_CHECK_INSTANCE_CAST ((pspec), G_TYPE_PARAM_PARAM,
\
        GParamSpecParam))
#define G_PARAM_SPEC_POINTER(pspec)      \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_POINTER, \
        GParamSpecPointer))
#define G_PARAM_SPEC_STRING(pspec)       \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_STRING, \
        GParamSpecString))
#define G_PARAM_SPEC_UCHAR(pspec)        \
         (G_TYPE_CHECK_INSTANCE_CAST ((pspec), G_TYPE_PARAM_UCHAR,
\
        GParamSpecUChar))
#define G_PARAM_SPEC_UINT(pspec)         \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_UINT, \
        GParamSpecUInt))
#define G_PARAM_SPEC_UINT64(pspec)       \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_UINT64, \
        GParamSpecUInt64))
#define G_PARAM_SPEC_ULONG(pspec)        \
         (G_TYPE_CHECK_INSTANCE_CAST ((pspec), G_TYPE_PARAM_ULONG,
\
        GParamSpecULong))
#define G_PARAM_SPEC_UNICHAR(pspec)      \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_UNICHAR, \
        GParamSpecUnichar))
#define G_PARAM_SPEC_VALUE_ARRAY(pspec)  \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((pspec),
G_TYPE_PARAM_VALUE_ARRAY, \
        GParamSpecValueArray))
#define G_IS_TYPE_PLUGIN(inst)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((inst), G_TYPE_TYPE_PLUGIN))
#define G_IS_TYPE_MODULE(module)         \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((module),
G_TYPE_TYPE_MODULE))
#define G_IS_OBJECT(object)      \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), G_TYPE_OBJECT))
#define G_IS_PARAM_SPEC(pspec)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((pspec), G_TYPE_PARAM))
#define G_IS_PARAM_SPEC_BOOLEAN(pspec)   \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_BOOLEAN))
#define G_IS_PARAM_SPEC_BOXED(pspec)     \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_BOXED))
#define G_IS_PARAM_SPEC_CHAR(pspec)      \
        (G_TYPE_CHECK_INSTANCE_TYPE ((pspec), G_TYPE_PARAM_CHAR))
#define G_IS_PARAM_SPEC_DOUBLE(pspec)    \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_DOUBLE))
#define G_IS_PARAM_SPEC_ENUM(pspec)      \
        (G_TYPE_CHECK_INSTANCE_TYPE ((pspec), G_TYPE_PARAM_ENUM))
#define G_IS_PARAM_SPEC_FLAGS(pspec)     \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
```

 © 2008 Linux Foundation

```
G_TYPE_PARAM_FLAGS))
#define G_IS_PARAM_SPEC_FLOAT(pspec)     \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_FLOAT))
#define G_IS_PARAM_SPEC_INT(pspec)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((pspec), G_TYPE_PARAM_INT))
#define G_IS_PARAM_SPEC_INT64(pspec)     \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_INT64))
#define G_IS_PARAM_SPEC_LONG(pspec)      \
        (G_TYPE_CHECK_INSTANCE_TYPE ((pspec), G_TYPE_PARAM_LONG))
#define G_IS_PARAM_SPEC_OBJECT(pspec)    \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_OBJECT))
#define G_IS_PARAM_SPEC_OVERRIDE(pspec)  \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_OVERRIDE))
#define G_IS_PARAM_SPEC_PARAM(pspec)     \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_PARAM))
#define G_IS_PARAM_SPEC_POINTER(pspec)   \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_POINTER))
#define G_IS_PARAM_SPEC_STRING(pspec)    \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_STRING))
#define G_IS_PARAM_SPEC_UCHAR(pspec)     \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_UCHAR))
#define G_IS_PARAM_SPEC_UINT(pspec)      \
        (G_TYPE_CHECK_INSTANCE_TYPE ((pspec), G_TYPE_PARAM_UINT))
#define G_IS_PARAM_SPEC_UINT64(pspec)    \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_UINT64))
#define G_IS_PARAM_SPEC_ULONG(pspec)     \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_ULONG))
#define G_IS_PARAM_SPEC_UNICHAR(pspec)   \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_UNICHAR))
#define G_IS_PARAM_SPEC_VALUE_ARRAY(pspec)       \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((pspec),
G_TYPE_PARAM_VALUE_ARRAY))
#define G_VALUE_HOLDS(value,type)        \
        (G_TYPE_CHECK_VALUE_TYPE ((value), (type)))
#define G_VALUE_HOLDS_BOOLEAN(value)     \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_BOOLEAN))
#define G_VALUE_HOLDS_BOXED(value)       \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_BOXED))
#define G_VALUE_HOLDS_CHAR(value)        \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_CHAR))
#define G_VALUE_HOLDS_DOUBLE(value)      \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_DOUBLE))
#define G_VALUE_HOLDS_ENUM(value)        \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_ENUM))
#define G_VALUE_HOLDS_FLAGS(value)       \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_FLAGS))
#define G_VALUE_HOLDS_FLOAT(value)       \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_FLOAT))
#define G_VALUE_HOLDS_INT(value)         \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_INT))
#define G_VALUE_HOLDS_INT64(value)       \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_INT64))
#define G_VALUE_HOLDS_LONG(value)        \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_LONG))
#define G_VALUE_HOLDS_OBJECT(value)      \
```

```
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_OBJECT))
#define G_VALUE_HOLDS_PARAM(value)       \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_PARAM))
#define G_VALUE_HOLDS_POINTER(value)     \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_POINTER))
#define G_VALUE_HOLDS_STRING(value)      \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_STRING))
#define G_VALUE_HOLDS_UCHAR(value)       \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_UCHAR))
#define G_VALUE_HOLDS_UINT(value)        \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_UINT))
#define G_VALUE_HOLDS_UINT64(value)      \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_UINT64))
#define G_VALUE_HOLDS_ULONG(value)       \
        (G_TYPE_CHECK_VALUE_TYPE ((value), G_TYPE_ULONG))
#define G_TYPE_FROM_INSTANCE(instance)   \
             (G_TYPE_FROM_CLASS  (((GTypeInstance*)  (instance))-
>g_class))
#define G_TYPE_IS_INTERFACE(type)        \
        (G_TYPE_FUNDAMENTAL (type) == G_TYPE_INTERFACE)
#define G_TYPE_IS_OBJECT(type)   \
        (G_TYPE_FUNDAMENTAL (type) == G_TYPE_OBJECT)
#define G_TYPE_MODULE_GET_CLASS(module)  \
         (G_TYPE_INSTANCE_GET_CLASS ((module), G_TYPE_TYPE_MODULE,
\
        GTypeModuleClass))
#define G_OBJECT_GET_CLASS(object)       \
            (G_TYPE_INSTANCE_GET_CLASS  ((object),  G_TYPE_OBJECT,
GObjectClass))
#define G_PARAM_SPEC_GET_CLASS(pspec)    \
             (G_TYPE_INSTANCE_GET_CLASS  ((pspec),  G_TYPE_PARAM,
GParamSpecClass))
#define G_TYPE_PLUGIN_GET_CLASS(inst)    \
                        (G_TYPE_INSTANCE_GET_INTERFACE   ((inst),
G_TYPE_TYPE_PLUGIN, \
        GTypePluginClass))
#define G_ENUM_CLASS_TYPE_NAME(class)    \
        (g_type_name (G_ENUM_CLASS_TYPE (class)))
#define G_FLAGS_CLASS_TYPE_NAME(class)   \
        (g_type_name (G_FLAGS_TYPE (class)))
#define G_OBJECT_CLASS_NAME(class)       \
        (g_type_name (G_OBJECT_CLASS_TYPE (class)))
#define G_PARAM_SPEC_TYPE_NAME(pspec)    \
        (g_type_name (G_PARAM_SPEC_TYPE (pspec)))
#define G_TYPE_IS_ABSTRACT(type)         \
        (g_type_test_flags ((type), G_TYPE_FLAG_ABSTRACT))
#define G_TYPE_IS_CLASSED(type)  \
        (g_type_test_flags ((type), G_TYPE_FLAG_CLASSED))
#define G_TYPE_IS_DEEP_DERIVABLE(type)   \
        (g_type_test_flags ((type), G_TYPE_FLAG_DEEP_DERIVABLE))
#define G_TYPE_IS_DERIVABLE(type)        \
        (g_type_test_flags ((type), G_TYPE_FLAG_DERIVABLE))
#define G_TYPE_IS_INSTANTIATABLE(type)   \
        (g_type_test_flags ((type), G_TYPE_FLAG_INSTANTIATABLE))
#define G_TYPE_IS_VALUE_ABSTRACT(type)   \
        (g_type_test_flags ((type), G_TYPE_FLAG_VALUE_ABSTRACT))
#define G_TYPE_HAS_VALUE_TABLE(type)     \
        (g_type_value_table_peek (type) != NULL)
#define G_TYPE_CHECK_CLASS_CAST(g_class,g_type,c_type)   \
        (_G_TYPE_CCC ((g_class), (g_type), c_type))
#define G_TYPE_CHECK_CLASS_TYPE(g_class,g_type)  \
        (_G_TYPE_CCT ((g_class), (g_type)))
#define G_TYPE_CHECK_INSTANCE(instance)  \
        (_G_TYPE_CHI ((GTypeInstance*) (instance)))
#define
G_TYPE_CHECK_INSTANCE_CAST(instance,g_type,c_type)       \
```

 © 2008 Linux Foundation

```
        (_G_TYPE_CIC ((instance), (g_type), c_type))
#define G_TYPE_CHECK_INSTANCE_TYPE(instance,g_type)      \
        (_G_TYPE_CIT ((instance), (g_type)))
#define G_TYPE_CHECK_VALUE_TYPE(value,g_type)    \
        (_G_TYPE_CVH ((value), (g_type)))
#define
G_TYPE_INSTANCE_GET_CLASS(instance,g_type,c_type)        \
        (_G_TYPE_IGC ((instance), (g_type), c_type))
#define
G_TYPE_INSTANCE_GET_INTERFACE(instance,g_type,c_type)    \
        (_G_TYPE_IGI ((instance), (g_type), c_type))
#define G_DEFINE_TYPE_WITH_CODE(TN,t_n,T_P,_C_)  \
        G_DEFINE_TYPE_EXTENDED (TN, t_n, T_P, 0, _C_)
#define G_DEFINE_TYPE(TN,t_n,T_P)        \
        G_DEFINE_TYPE_EXTENDED (TN, t_n, T_P, 0, {})
#define
G_DEFINE_ABSTRACT_TYPE_WITH_CODE(TN,t_n,T_P,_C_)         \
                        G_DEFINE_TYPE_EXTENDED   (TN,   t_n,   T_P,
G_TYPE_FLAG_ABSTRACT, _C_)
#define G_DEFINE_ABSTRACT_TYPE(TN,t_n,T_P)       \
                        G_DEFINE_TYPE_EXTENDED   (TN,   t_n,   T_P,
G_TYPE_FLAG_ABSTRACT, {})
#define
G_OBJECT_WARN_INVALID_PROPERTY_ID(object,property_id,pspec)
\
              G_OBJECT_WARN_INVALID_PSPEC  ((object),  "property",
(property_id), \
        (pspec))
#define  g_signal_connect(instance,detailed_signal,c_handler,data)
\
            g_signal_connect_data ((instance), (detailed_signal),
(c_handler), \
        (data), NULL, (GConnectFlags) 0)
#define
g_signal_connect_after(instance,detailed_signal,c_handler,data)
\
            g_signal_connect_data ((instance), (detailed_signal),
(c_handler), \
        (data), NULL, G_CONNECT_AFTER)
#define
g_signal_connect_swapped(instance,detailed_signal,c_handler,data)
\
            g_signal_connect_data ((instance), (detailed_signal),
(c_handler), \
        (data), NULL, G_CONNECT_SWAPPED)
#define
g_signal_handlers_block_by_func(instance,func,data)      \
                     g_signal_handlers_block_matched  ((instance),
(GSignalMatchType) \
         (G_SIGNAL_MATCH_FUNC | G_SIGNAL_MATCH_DATA), 0, 0, NULL,
(func), \
        (data))
#define   g_signal_handlers_disconnect_by_func(instance,func,data)
\
                g_signal_handlers_disconnect_matched  ((instance),
(GSignalMatchType) \
         (G_SIGNAL_MATCH_FUNC | G_SIGNAL_MATCH_DATA), 0, 0, NULL,
(func), \
        (data))
#define
g_signal_handlers_unblock_by_func(instance,func,data)    \
                  g_signal_handlers_unblock_matched  ((instance),
(GSignalMatchType) \
         (G_SIGNAL_MATCH_FUNC | G_SIGNAL_MATCH_DATA), 0, 0, NULL,
(func), \
        (data))
```

```
#define
G_OBJECT_WARN_INVALID_PSPEC(object,pname,property_id,pspec)
\
          G_STMT_START { GObject *_object = (GObject*) (object);
GParamSpec \
           *_pspec = (GParamSpec*) (pspec); guint _property_id =
(property_id); \
         g_warning ("%s: invalid %s id %u for \"%s\" of type %s in
%s", \
                 G_STRLOC,  (pname),  _property_id,  _pspec->name,
g_type_name \
                (G_PARAM_SPEC_TYPE  (_pspec)),  G_OBJECT_TYPE_NAME
(_object)); } \
        G_STMT_END
#define
G_DEFINE_TYPE_EXTENDED(TypeName,type_name,TYPE_PARENT,flags,CODE)
\
          static void type_name ##_init (TypeName *self); static
void type_name \
          ##_class_init (TypeName ##Class *klass); static gpointer
type_name \
                ##_parent_class  =  NULL;  static  void  type_name
##_class_intern_init \
        (gpointer klass) { type_name ##_parent_class = \
         g_type_class_peek_parent (klass); type_name ##_class_init
((TypeName \
          ##Class*) klass); } GType type_name ##_get_type (void)
{ static GType \
         g_define_type_id = 0; if (G_UNLIKELY (g_define_type_id ==
0)) { static \
          const GTypeInfo g_define_type_info = { sizeof (TypeName
##Class), \
                (GBaseInitFunc)  NULL,  (GBaseFinalizeFunc)  NULL,
(GClassInitFunc) \
             type_name  ##_class_intern_init,  (GClassFinalizeFunc)
NULL, NULL, \
             sizeof  (TypeName),  0,  (GInstanceInitFunc)  type_name
##_init, NULL }; \
          g_define_type_id = g_type_register_static (TYPE_PARENT,
#TypeName, \
          &g_define_type_info, (GTypeFlags) flags); { CODE ; } }
return \
         g_define_type_id; }
#define G_IMPLEMENT_INTERFACE(TYPE_IFACE,iface_init)     \
          { static const GInterfaceInfo g_implement_interface_info
= { \
                             (GInterfaceInitFunc)   iface_init   };
g_type_add_interface_static \
                                  (g_define_type_id,    TYPE_IFACE,
&g_implement_interface_info); }
#define G_CCLOSURE_SWAP_DATA(cclosure)   \
 (((GClosure*) (cclosure))->derivative_flag)
#define   G_TYPE_FROM_CLASS(g_class)               (((GTypeClass*)
(g_class))->g_type)
#define G_VALUE_TYPE(value)     (((GValue*) (value))->g_type)
#define  _G_TYPE_IGC(ip,gt,ct)     ((ct*)  (((GTypeInstance*)  ip)-
>g_class))
#define G_CALLBACK(f)   ((GCallback) (f))
#define G_TYPE_FLAG_RESERVED_ID_BIT     ((GType) (1 << 0))
#define   G_TYPE_IS_FUNDAMENTAL(type)                ((type)   <=
G_TYPE_FUNDAMENTAL_MAX)
#define G_TYPE_IS_DERIVED(type) ((type) > G_TYPE_FUNDAMENTAL_MAX)
#define G_PARAM_MASK    (0x000000ff)
#define G_VALUE_NOCOPY_CONTENTS (1 << 27)
#define G_TYPE_FUNDAMENTAL_SHIFT        (2)
#define G_TYPE_RESERVED_GLIB_FIRST      (21)
```

 © 2008 Linux Foundation

```
#define G_TYPE_FUNDAMENTAL_MAX  (255 << G_TYPE_FUNDAMENTAL_SHIFT)
#define G_TYPE_RESERVED_GLIB_LAST       (31)
#define G_TYPE_RESERVED_BSE_FIRST       (32)
#define G_TYPE_RESERVED_BSE_LAST        (48)
#define G_TYPE_RESERVED_USER_FIRST      (49)
#define G_PARAM_USER_SHIFT      (8)
#define G_TYPE_CLOSURE  (g_closure_get_type ())
#define G_TYPE_GSTRING  (g_gstring_get_type ())
#define G_TYPE_IO_CHANNEL       (g_io_channel_get_type ())
#define G_TYPE_IO_CONDITION     (g_io_condition_get_type ())
#define   G_PARAM_READWRITE                   (G_PARAM_READABLE   |
G_PARAM_WRITABLE)
#define  G_PARAM_SPEC_VALUE_TYPE(pspec)    (G_PARAM_SPEC  (pspec)-
>value_type)
#define G_TYPE_PARAM_CHAR       (g_param_spec_types[0])
#define G_TYPE_PARAM_ENUM       (g_param_spec_types[10])
#define G_TYPE_PARAM_FLAGS      (g_param_spec_types[11])
#define G_TYPE_PARAM_FLOAT      (g_param_spec_types[12])
#define G_TYPE_PARAM_DOUBLE     (g_param_spec_types[13])
#define G_TYPE_PARAM_STRING     (g_param_spec_types[14])
#define G_TYPE_PARAM_PARAM      (g_param_spec_types[15])
#define G_TYPE_PARAM_BOXED      (g_param_spec_types[16])
#define G_TYPE_PARAM_POINTER    (g_param_spec_types[17])
#define G_TYPE_PARAM_VALUE_ARRAY        (g_param_spec_types[18])
#define G_TYPE_PARAM_OBJECT     (g_param_spec_types[19])
#define G_TYPE_PARAM_UCHAR      (g_param_spec_types[1])
#define G_TYPE_PARAM_OVERRIDE   (g_param_spec_types[20])
#define G_TYPE_PARAM_BOOLEAN    (g_param_spec_types[2])
#define G_TYPE_PARAM_INT        (g_param_spec_types[3])
#define G_TYPE_PARAM_UINT       (g_param_spec_types[4])
#define G_TYPE_PARAM_LONG       (g_param_spec_types[5])
#define G_TYPE_PARAM_ULONG      (g_param_spec_types[6])
#define G_TYPE_PARAM_INT64      (g_param_spec_types[7])
#define G_TYPE_PARAM_UINT64     (g_param_spec_types[8])
#define G_TYPE_PARAM_UNICHAR    (g_param_spec_types[9])
#define G_TYPE_STRV     (g_strv_get_type ())
#define  _G_TYPE_CHI(ip)  (g_type_check_instance  ((GTypeInstance*)
ip))
#define   G_TYPE_IS_VALUE(type)        (g_type_check_is_value_type
(type))
#define                                  G_TYPE_IS_VALUE_TYPE(type)
(g_type_check_is_value_type (type))
#define _G_TYPE_CHV(vl) (g_type_check_value ((GValue*) vl))
#define G_IS_VALUE(value)       (G_TYPE_CHECK_VALUE (value))
#define                                  G_SIGNAL_TYPE_STATIC_SCOPE
(G_TYPE_FLAG_RESERVED_ID_BIT)
#define  G_ENUM_CLASS_TYPE(class)               (G_TYPE_FROM_CLASS
(class))
#define  G_FLAGS_CLASS_TYPE(class)              (G_TYPE_FROM_CLASS
(class))
#define  G_OBJECT_CLASS_TYPE(class)             (G_TYPE_FROM_CLASS
(class))
#define G_OBJECT_TYPE(object)   (G_TYPE_FROM_INSTANCE (object))
#define  G_PARAM_SPEC_TYPE(pspec)            (G_TYPE_FROM_INSTANCE
(pspec))
#define  G_TYPE_IS_BOXED(type)     (G_TYPE_FUNDAMENTAL  (type)  ==
G_TYPE_BOXED)
#define  G_TYPE_IS_ENUM(type)      (G_TYPE_FUNDAMENTAL  (type)  ==
G_TYPE_ENUM)
#define  G_TYPE_IS_FLAGS(type)     (G_TYPE_FUNDAMENTAL  (type)  ==
G_TYPE_FLAGS)
#define  G_TYPE_IS_PARAM(type)     (G_TYPE_FUNDAMENTAL  (type)  ==
G_TYPE_PARAM)
#define  G_TYPE_FUNDAMENTAL(type)             (g_type_fundamental
(type))
#define G_TYPE_TYPE_MODULE      (g_type_module_get_type ())
```

```
#define   G_OBJECT_TYPE_NAME(object)                  (g_type_name
(G_OBJECT_TYPE (object)))
#define   G_VALUE_TYPE_NAME(value)                    (g_type_name
(G_VALUE_TYPE (value)))
#define G_TYPE_TYPE_PLUGIN      (g_type_plugin_get_type ())
#define G_TYPE_VALUE_ARRAY      (g_value_array_get_type ())
#define G_TYPE_VALUE    (g_value_get_type ())
#define G_TYPE_CHECK_VALUE(value)       (_G_TYPE_CHV ((value)))
#define G_SIGNAL_MATCH_MASK     0x3f
#define G_SIGNAL_FLAGS_MASK     0x7f
#define GOBJECT_VAR     extern
#define                             g_cclosure_marshal_BOOL__FLAGS
g_cclosure_marshal_BOOLEAN__FLAGS
#define G_TYPE_INVALID  G_TYPE_MAKE_FUNDAMENTAL (0)
#define G_TYPE_NONE     G_TYPE_MAKE_FUNDAMENTAL (1)
#define G_TYPE_INT64    G_TYPE_MAKE_FUNDAMENTAL (10)
#define G_TYPE_UINT64   G_TYPE_MAKE_FUNDAMENTAL (11)
#define G_TYPE_ENUM     G_TYPE_MAKE_FUNDAMENTAL (12)
#define G_TYPE_FLAGS    G_TYPE_MAKE_FUNDAMENTAL (13)
#define G_TYPE_FLOAT    G_TYPE_MAKE_FUNDAMENTAL (14)
#define G_TYPE_DOUBLE   G_TYPE_MAKE_FUNDAMENTAL (15)
#define G_TYPE_STRING   G_TYPE_MAKE_FUNDAMENTAL (16)
#define G_TYPE_POINTER  G_TYPE_MAKE_FUNDAMENTAL (17)
#define G_TYPE_BOXED    G_TYPE_MAKE_FUNDAMENTAL (18)
#define G_TYPE_PARAM    G_TYPE_MAKE_FUNDAMENTAL (19)
#define G_TYPE_INTERFACE        G_TYPE_MAKE_FUNDAMENTAL (2)
#define G_TYPE_OBJECT   G_TYPE_MAKE_FUNDAMENTAL (20)
#define G_TYPE_CHAR     G_TYPE_MAKE_FUNDAMENTAL (3)
#define G_TYPE_UCHAR    G_TYPE_MAKE_FUNDAMENTAL (4)
#define G_TYPE_BOOLEAN  G_TYPE_MAKE_FUNDAMENTAL (5)
#define G_TYPE_INT      G_TYPE_MAKE_FUNDAMENTAL (6)
#define G_TYPE_UINT     G_TYPE_MAKE_FUNDAMENTAL (7)
#define G_TYPE_LONG     G_TYPE_MAKE_FUNDAMENTAL (8)
#define G_TYPE_ULONG    G_TYPE_MAKE_FUNDAMENTAL (9)

typedef gulong GType;
typedef struct _GTypeClass {
    GType g_type;
} GTypeClass;
typedef struct _GTypeInstance {
    GTypeClass *g_class;
} GTypeInstance;
typedef struct _GObject {
    GTypeInstance g_type_instance;
    volatile guint ref_count;
    GData *qdata;
} GObject;
typedef float gfloat;
typedef struct _GValue {
    GType g_type;
    union {
        gint v_int;
        guint v_uint;
        glong v_long;
        gulong v_ulong;
        gint64 v_int64;
        guint64 v_uint64;
        gfloat v_float;
        gdouble v_double;
        gpointer v_pointer;
    } data[2];
} GValue;
typedef enum {
    G_PARAM_READABLE = 1,
    G_PARAM_WRITABLE = 2,
    G_PARAM_CONSTRUCT = 4,
```

 © 2008 Linux Foundation

```
    G_PARAM_CONSTRUCT_ONLY = 8,
    G_PARAM_LAX_VALIDATION = 16,
    G_PARAM_STATIC_NAME = 32,
    G_PARAM_PRIVATE = G_PARAM_STATIC_NAME,
    G_PARAM_STATIC_NICK = 64,
    G_PARAM_STATIC_BLURB = 128
} GParamFlags;
typedef struct _GParamSpec {
    GTypeInstance g_type_instance;
    gchar *name;
    GParamFlags flags;
    GType value_type;
    GType owner_type;
    gchar *_nick;
    gchar *_blurb;
    GData *qdata;
    guint ref_count;
    guint param_id;
} GParamSpec;
typedef struct _GObjectConstructParam {
    GParamSpec *pspec;
    GValue *value;
} GObjectConstructParam;
typedef struct _GObjectClass {
    GTypeClass g_type_class;
    GSList *construct_properties;
     GObject *(*constructor) (GType, guint, GObjectConstructParam
*);
       void (*set_property) (GObject *, guint, const GValue *,
GParamSpec *);
     void (*get_property) (GObject *, guint, GValue *, GParamSpec
*);
    void (*dispose) (GObject *);
    void (*finalize) (GObject *);
        void (*dispatch_properties_changed) (GObject *, guint,
GParamSpec * *);
    void (*notify) (GObject *, GParamSpec *);
    gpointer pdummy[8];
} GObjectClass;
typedef struct _GClosure {
    volatile guint ref_count:15;
    volatile guint meta_marshal:1;
    volatile guint n_guards:1;
    volatile guint n_fnotifiers:2;
    volatile guint n_inotifiers:8;
    volatile guint in_inotify:1;
    volatile guint floating:1;
    volatile guint derivative_flag:1;
    volatile guint in_marshal:1;
    volatile guint is_invalid:1;
    void (*marshal) (GClosure *, GValue *, guint, const GValue *,
gpointer,
                     gpointer);
    gpointer data;
    GClosureNotifyData *notifiers;
} GClosure;
typedef void (*GClosureNotify) (gpointer, GClosure *);
typedef struct _GClosureNotifyData {
    gpointer data;
    GClosureNotify notify;
} GClosureNotifyData;
typedef void (*GTypeInterfaceCheckFunc) (gpointer, gpointer);
typedef struct _GValueArray {
    guint n_values;
    GValue *values;
    guint n_prealloced;
```

```
} GValueArray;
typedef struct _GEnumValue {
    gint value;
    gchar *value_name;
    gchar *value_nick;
} GEnumValue;
typedef struct _GEnumClass {
    GTypeClass g_type_class;
    gint minimum;
    gint maximum;
    guint n_values;
    GEnumValue *values;
} GEnumClass;
typedef struct _GParamSpecPool GParamSpecPool;
typedef enum {
    G_TYPE_DEBUG_NONE = 0,
    G_TYPE_DEBUG_OBJECTS = 1,
    G_TYPE_DEBUG_SIGNALS = 2,
    G_TYPE_DEBUG_MASK = 3
} GTypeDebugFlags;
typedef struct _GTypePlugin GTypePlugin;
typedef enum {
    G_SIGNAL_MATCH_ID = 1,
    G_SIGNAL_MATCH_DETAIL = 2,
    G_SIGNAL_MATCH_CLOSURE = 4,
    G_SIGNAL_MATCH_FUNC = 8,
    G_SIGNAL_MATCH_DATA = 16,
    G_SIGNAL_MATCH_UNBLOCKED = 32
} GSignalMatchType;
typedef struct _GFlagsValue {
    guint value;
    gchar *value_name;
    gchar *value_nick;
} GFlagsValue;
typedef void (*GClosureMarshal) (GClosure *, GValue *, guint,
                                        const GValue *, gpointer,
gpointer);
typedef void (*GCallback) (void);
typedef struct _GFlagsClass {
    GTypeClass g_type_class;
    guint mask;
    guint n_values;
    GFlagsValue *values;
} GFlagsClass;
typedef gboolean(*GTypeClassCacheFunc) (gpointer, GTypeClass *);
typedef enum {
    G_SIGNAL_RUN_FIRST = 1,
    G_SIGNAL_RUN_LAST = 2,
    G_SIGNAL_RUN_CLEANUP = 4,
    G_SIGNAL_NO_RECURSE = 8,
    G_SIGNAL_DETAILED = 16,
    G_SIGNAL_ACTION = 32,
    G_SIGNAL_NO_HOOKS = 64
} GSignalFlags;
typedef struct _GSignalInvocationHint {
    guint signal_id;
    GQuark detail;
    GSignalFlags run_type;
} GSignalInvocationHint;
typedef void (*GWeakNotify) (gpointer, GObject *);
typedef void (*GBaseInitFunc) (gpointer);
typedef void (*GBaseFinalizeFunc) (gpointer);
typedef void (*GClassInitFunc) (gpointer, gpointer);
typedef void (*GClassFinalizeFunc) (gpointer, gpointer);
typedef void (*GInstanceInitFunc) (GTypeInstance *, gpointer);
typedef union _GTypeCValue GTypeCValue;
```

 © 2008 Linux Foundation

```
typedef struct _GTypeValueTable {
    void (*value_init) (GValue *);
    void (*value_free) (GValue *);
    void (*value_copy) (const GValue *, GValue *);
     gpointer(*value_peek_pointer) (const GValue *);
    gchar *collect_format;
      gchar  *(*collect_value)  (GValue  *,  guint,  GTypeCValue  *,
guint);
    gchar *lcopy_format;
     gchar *(*lcopy_value) (const GValue *, guint, GTypeCValue *,
guint);
} GTypeValueTable;
typedef struct _GTypeInfo {
    guint16 class_size;
    GBaseInitFunc base_init;
    GBaseFinalizeFunc base_finalize;
    GClassInitFunc class_init;
    GClassFinalizeFunc class_finalize;
    gconstpointer class_data;
    guint16 instance_size;
    guint16 n_preallocs;
    GInstanceInitFunc instance_init;
    const GTypeValueTable *value_table;
} GTypeInfo;
typedef enum {
    G_TYPE_FLAG_ABSTRACT = 16,
    G_TYPE_FLAG_VALUE_ABSTRACT = 32
} GTypeFlags;
typedef struct _GTypeModule {
    GObject parent_instance;
    guint use_count;
    GSList *type_infos;
    GSList *interface_infos;
    gchar *name;
} GTypeModule;
typedef void (*GInterfaceInitFunc) (gpointer, gpointer);
typedef void (*GInterfaceFinalizeFunc) (gpointer, gpointer);
typedef struct _GInterfaceInfo {
    GInterfaceInitFunc interface_init;
    GInterfaceFinalizeFunc interface_finalize;
    gpointer interface_data;
} GInterfaceInfo;
typedef  gboolean(*GSignalAccumulator)  (GSignalInvocationHint  *,
GValue *,
                                         const GValue *, gpointer);
typedef GClosureMarshal GSignalCMarshaller;
typedef enum {
    G_CONNECT_AFTER = 1,
    G_CONNECT_SWAPPED = 2
} GConnectFlags;
typedef enum {
    G_TYPE_FLAG_CLASSED = 1,
    G_TYPE_FLAG_INSTANTIATABLE = 2,
    G_TYPE_FLAG_DERIVABLE = 4,
    G_TYPE_FLAG_DEEP_DERIVABLE = 8
} GTypeFundamentalFlags;
typedef struct _GTypeFundamentalInfo {
    GTypeFundamentalFlags type_flags;
} GTypeFundamentalInfo;
typedef struct _GTypeQuery {
    GType type;
    const gchar *type_name;
    guint class_size;
    guint instance_size;
} GTypeQuery;
typedef  gboolean(*GSignalEmissionHook)  (GSignalInvocationHint  *,
```

```
guint,
                                                    const GValue *,
gpointer);
typedef void (*GValueTransform) (const GValue *, GValue *);
typedef struct _GParameter {
    const gchar *name;
    GValue value;
} GParameter;
typedef struct _GParamSpecTypeInfo {
    guint16 instance_size;
    guint16 n_preallocs;
    void (*instance_init) (GParamSpec *);
    GType value_type;
    void (*finalize) (GParamSpec *);
    void (*value_set_default) (GParamSpec *, GValue *);
     gboolean(*value_validate) (GParamSpec *, GValue *);
        gint(*values_cmp) (GParamSpec *, const GValue *, const
GValue *);
} GParamSpecTypeInfo;
typedef gpointer(*GBoxedCopyFunc) (gpointer);
typedef void (*GBoxedFreeFunc) (gpointer);
typedef struct _GSignalQuery {
    guint signal_id;
    const gchar *signal_name;
    GType itype;
    GSignalFlags signal_flags;
    GType return_type;
    guint n_params;
    const GType *param_types;
} GSignalQuery;
typedef struct _GTypeInterface {
    GType g_type;
    GType g_instance_type;
} GTypeInterface;
typedef void (*GTypePluginCompleteInterfaceInfo) (GTypePlugin *,
GType,
                                                   GType,
GInterfaceInfo *);
typedef struct _GParamSpecObject {
    GParamSpec parent_instance;
} GParamSpecObject;
typedef void (*GTypePluginUnuse) (GTypePlugin *);
typedef void (*GTypePluginUse) (GTypePlugin *);
typedef  void  (*GTypePluginCompleteTypeInfo)  (GTypePlugin  *,
GType,
                                            GTypeInfo *,
                                            GTypeValueTable *);
typedef struct _GTypePluginClass {
    GTypeInterface base_iface;
    GTypePluginUse use_plugin;
    GTypePluginUnuse unuse_plugin;
    GTypePluginCompleteTypeInfo complete_type_info;
    GTypePluginCompleteInterfaceInfo complete_interface_info;
} GTypePluginClass;
typedef struct _GCClosure {
    GClosure closure;
    gpointer callback;
} GCClosure;
typedef struct _GParamSpecUnichar {
    GParamSpec parent_instance;
    gunichar default_value;
} GParamSpecUnichar;
typedef struct _GParamSpecUInt64 {
    GParamSpec parent_instance;
    guint64 minimum;
    guint64 maximum;
```

 © 2008 Linux Foundation

```
    guint64 default_value;
} GParamSpecUInt64;
typedef struct _GParamSpecBoxed {
    GParamSpec parent_instance;
} GParamSpecBoxed;
typedef struct _GParamSpecOverride {
    GParamSpec parent_instance;
    GParamSpec *overridden;
} GParamSpecOverride;
typedef struct _GParamSpecClass {
    GTypeClass g_type_class;
    GType value_type;
    void (*finalize) (GParamSpec *);
    void (*value_set_default) (GParamSpec *, GValue *);
     gboolean(*value_validate) (GParamSpec *, GValue *);
        gint(*values_cmp) (GParamSpec *, const GValue *, const
GValue *);
    gpointer dummy[4];
} GParamSpecClass;
typedef struct _GParamSpecLong {
    GParamSpec parent_instance;
    glong minimum;
    glong maximum;
    glong default_value;
} GParamSpecLong;
typedef struct _GParamSpecEnum {
    GParamSpec parent_instance;
    GEnumClass *enum_class;
    gint default_value;
} GParamSpecEnum;
typedef struct _GParamSpecFloat {
    GParamSpec parent_instance;
    gfloat minimum;
    gfloat maximum;
    gfloat default_value;
    gfloat epsilon;
} GParamSpecFloat;
typedef struct _GParamSpecString {
    GParamSpec parent_instance;
    gchar *default_value;
    gchar *cset_first;
    gchar *cset_nth;
    gchar substitutor;
    guint null_fold_if_empty:1;
    guint ensure_non_null:1;
} GParamSpecString;
typedef struct _GParamSpecDouble {
    GParamSpec parent_instance;
    gdouble minimum;
    gdouble maximum;
    gdouble default_value;
    gdouble epsilon;
} GParamSpecDouble;
typedef struct _GParamSpecParam {
    GParamSpec parent_instance;
} GParamSpecParam;
typedef struct _GParamSpecValueArray {
    GParamSpec parent_instance;
    GParamSpec *element_spec;
    guint fixed_n_elements;
} GParamSpecValueArray;
typedef struct _GParamSpecFlags {
    GParamSpec parent_instance;
    GFlagsClass *flags_class;
    guint default_value;
} GParamSpecFlags;
```

```
typedef struct _GParamSpecInt64 {
    GParamSpec parent_instance;
    gint64 minimum;
    gint64 maximum;
    gint64 default_value;
} GParamSpecInt64;
typedef struct _GParamSpecPointer {
    GParamSpec parent_instance;
} GParamSpecPointer;
typedef struct _GParamSpecInt {
    GParamSpec parent_instance;
    gint minimum;
    gint maximum;
    gint default_value;
} GParamSpecInt;
typedef struct _GTypeModuleClass {
    GObjectClass parent_class;
     gboolean(*load) (GTypeModule *);
    void (*unload) (GTypeModule *);
    void (*reserved1) (void);
    void (*reserved2) (void);
    void (*reserved3) (void);
    void (*reserved4) (void);
} GTypeModuleClass;
typedef struct _GParamSpecUInt {
    GParamSpec parent_instance;
    guint minimum;
    guint maximum;
    guint default_value;
} GParamSpecUInt;
typedef struct _GParamSpecUChar {
    GParamSpec parent_instance;
    guint8 minimum;
    guint8 maximum;
    guint8 default_value;
} GParamSpecUChar;
typedef struct _GParamSpecULong {
    GParamSpec parent_instance;
    gulong minimum;
    gulong maximum;
    gulong default_value;
} GParamSpecULong;
typedef struct _GParamSpecChar {
    GParamSpec parent_instance;
    gint8 minimum;
    gint8 maximum;
    gint8 default_value;
} GParamSpecChar;
typedef struct _GParamSpecBoolean {
    GParamSpec parent_instance;
    gboolean default_value;
} GParamSpecBoolean;
typedef void (*GObjectFinalizeFunc) (GObject *);
typedef void (*GObjectGetPropertyFunc) (GObject *, guint, GValue
*,
                                        GParamSpec *);
typedef void (*GObjectSetPropertyFunc) (GObject *, guint, const
GValue *,
                                        GParamSpec *);
typedef gchar *gchararray;
typedef gchar **GStrv;
typedef void (*GToggleNotify) (gpointer, GObject *, gboolean);
extern gpointer g_boxed_copy(GType, gconstpointer);
extern void g_boxed_free(GType, gpointer);
extern   GType   g_boxed_type_register_static(const   gchar   *,
GBoxedCopyFunc,
```

 © 2008 Linux Foundation

```
                                                GBoxedFreeFunc);
extern void g_cclosure_marshal_BOOLEAN__FLAGS(GClosure *, GValue
*, guint,
                                                    const GValue *,
gpointer,
                                                  gpointer);
extern void g_cclosure_marshal_STRING__OBJECT_POINTER(GClosure *,
GValue *,
                                                       guint,
                                                             const
GValue *,
                                                          gpointer,
gpointer);
extern void g_cclosure_marshal_VOID__BOOLEAN(GClosure *, GValue
*, guint,
                                                    const GValue *,
gpointer,
                                                  gpointer);
extern void g_cclosure_marshal_VOID__BOXED(GClosure *, GValue *,
guint,
                                                    const GValue *,
gpointer,
                                                gpointer);
extern void g_cclosure_marshal_VOID__CHAR(GClosure *, GValue *,
guint,
                                                    const GValue *,
gpointer,
                                               gpointer);
extern void g_cclosure_marshal_VOID__DOUBLE(GClosure *, GValue *,
guint,
                                                    const GValue *,
gpointer,
                                                 gpointer);
extern void g_cclosure_marshal_VOID__ENUM(GClosure *, GValue *,
guint,
                                                    const GValue *,
gpointer,
                                               gpointer);
extern void g_cclosure_marshal_VOID__FLAGS(GClosure *, GValue *,
guint,
                                                    const GValue *,
gpointer,
                                                gpointer);
extern void g_cclosure_marshal_VOID__FLOAT(GClosure *, GValue *,
guint,
                                                    const GValue *,
gpointer,
                                                gpointer);
extern void g_cclosure_marshal_VOID__INT(GClosure *, GValue *,
guint,
                                                    const GValue *,
gpointer,
                                              gpointer);
extern void g_cclosure_marshal_VOID__LONG(GClosure *, GValue *,
guint,
                                                    const GValue *,
gpointer,
                                               gpointer);
extern void g_cclosure_marshal_VOID__OBJECT(GClosure *, GValue *,
guint,
                                                    const GValue *,
gpointer,
                                                 gpointer);
extern void g_cclosure_marshal_VOID__PARAM(GClosure *, GValue *,
guint,
                                                    const GValue *,
```

```
gpointer,
                                                gpointer);
extern  void  g_cclosure_marshal_VOID__POINTER(GClosure  *,  GValue
*, guint,
                                                        const GValue *,
gpointer,
                                                 gpointer);
extern void g_cclosure_marshal_VOID__STRING(GClosure *, GValue *,
guint,
                                                        const GValue *,
gpointer,
                                                gpointer);
extern  void  g_cclosure_marshal_VOID__UCHAR(GClosure  *,  GValue  *,
guint,
                                                        const GValue *,
gpointer,
                                               gpointer);
extern  void  g_cclosure_marshal_VOID__UINT(GClosure  *,  GValue  *,
guint,
                                                        const GValue *,
gpointer,
                                             gpointer);
extern   void   g_cclosure_marshal_VOID__UINT_POINTER(GClosure   *,
GValue *,
                                                            guint, const
GValue *,
                                                               gpointer,
gpointer);
extern  void  g_cclosure_marshal_VOID__ULONG(GClosure  *,  GValue  *,
guint,
                                                        const GValue *,
gpointer,
                                               gpointer);
extern  void  g_cclosure_marshal_VOID__VOID(GClosure  *,  GValue  *,
guint,
                                                        const GValue *,
gpointer,
                                             gpointer);
extern     GClosure     *g_cclosure_new(GCallback,     gpointer,
GClosureNotify);
extern GClosure *g_cclosure_new_object(GCallback, GObject *);
extern  GClosure  *g_cclosure_new_object_swap(GCallback,  GObject
*);
extern    GClosure    *g_cclosure_new_swap(GCallback,    gpointer,
GClosureNotify);
extern void g_closure_add_finalize_notifier(GClosure *, gpointer,
                                                 GClosureNotify);
extern    void    g_closure_add_invalidate_notifier(GClosure    *,
gpointer,
                                                   GClosureNotify);
extern void g_closure_add_marshal_guards(GClosure *, gpointer,
                                                        GClosureNotify,
gpointer,
                                            GClosureNotify);
extern GType g_closure_get_type(void);
extern void g_closure_invalidate(GClosure *);
extern  void  g_closure_invoke(GClosure  *,  GValue  *,  guint,  const
GValue *,
                               gpointer);
extern GClosure *g_closure_new_object(guint, GObject *);
extern GClosure *g_closure_new_simple(guint, gpointer);
extern GClosure *g_closure_ref(GClosure *);
extern    void    g_closure_remove_finalize_notifier(GClosure    *,
gpointer,
                                                    GClosureNotify);
extern   void   g_closure_remove_invalidate_notifier(GClosure   *,
```

 © 2008 Linux Foundation

```
gpointer,
                                                    GClosureNotify);
extern void g_closure_set_marshal(GClosure *, GClosureMarshal);
extern void g_closure_set_meta_marshal(GClosure *, gpointer,
                                       GClosureMarshal);
extern void g_closure_sink(GClosure *);
extern void g_closure_unref(GClosure *);
extern void g_enum_complete_type_info(GType, GTypeInfo *,
                                      const GEnumValue *);
extern GEnumValue *g_enum_get_value(GEnumClass *, gint);
extern  GEnumValue  *g_enum_get_value_by_name(GEnumClass  *,  const
gchar *);
extern  GEnumValue  *g_enum_get_value_by_nick(GEnumClass  *,  const
gchar *);
extern   GType   g_enum_register_static(const   gchar   *,   const
GEnumValue *);
extern void g_flags_complete_type_info(GType, GTypeInfo *,
                                       const GFlagsValue *);
extern    GFlagsValue    *g_flags_get_first_value(GFlagsClass    *,
guint);
extern GFlagsValue *g_flags_get_value_by_name(GFlagsClass *,
                                              const gchar *);
extern GFlagsValue *g_flags_get_value_by_nick(GFlagsClass *,
                                              const gchar *);
extern   GType   g_flags_register_static(const   gchar   *,   const
GFlagsValue *);
extern GType g_gstring_get_type(void);
extern GType g_io_channel_get_type(void);
extern GType g_io_condition_get_type(void);
extern  void  g_object_add_toggle_ref(GObject  *,  GToggleNotify,
gpointer);
extern void g_object_add_weak_pointer(GObject *, gpointer *);
extern GParamSpec *g_object_class_find_property(GObjectClass *,
                                                const gchar *);
extern   void   g_object_class_install_property(GObjectClass   *,
guint,
                                                GParamSpec *);
extern  GParamSpec  **g_object_class_list_properties(GObjectClass
*,
                                                     guint *);
extern   void   g_object_class_override_property(GObjectClass   *,
guint,
                                                 const gchar *);
extern gpointer g_object_connect(gpointer, const gchar *, ...);
extern void g_object_disconnect(gpointer, const gchar *, ...);
extern void g_object_freeze_notify(GObject *);
extern void g_object_get(gpointer, const gchar *, ...);
extern gpointer g_object_get_data(GObject *, const gchar *);
extern  void  g_object_get_property(GObject  *,  const  gchar  *,
GValue *);
extern gpointer g_object_get_qdata(GObject *, GQuark);
extern  void  g_object_get_valist(GObject  *,  const  gchar  *,
va_list);
extern GParamSpec *g_object_interface_find_property(gpointer,
                                                    const gchar
*);
extern     void     g_object_interface_install_property(gpointer,
GParamSpec *);
extern  GParamSpec  **g_object_interface_list_properties(gpointer,
guint *);
extern gpointer g_object_new(GType, const gchar *, ...);
extern   GObject   *g_object_new_valist(GType,   const   gchar   *,
va_list);
extern gpointer g_object_newv(GType, guint, GParameter *);
extern void g_object_notify(GObject *, const gchar *);
extern gpointer g_object_ref(gpointer);
```

```
extern void g_object_remove_toggle_ref(GObject *, GToggleNotify,
gpointer);
extern void g_object_remove_weak_pointer(GObject *, gpointer *);
extern void g_object_run_dispose(GObject *);
extern void g_object_set(gpointer, const gchar *, ...);
extern   void   g_object_set_data(GObject   *,   const   gchar   *,
gpointer);
extern  void  g_object_set_data_full(GObject  *,  const  gchar  *,
gpointer,
                                     GDestroyNotify);
extern void g_object_set_property(GObject *, const gchar *,
                                  const GValue *);
extern void g_object_set_qdata(GObject *, GQuark, gpointer);
extern void g_object_set_qdata_full(GObject *, GQuark, gpointer,
                                    GDestroyNotify);
extern  void  g_object_set_valist(GObject  *,  const  gchar  *,
va_list);
extern gpointer g_object_steal_data(GObject *, const gchar *);
extern gpointer g_object_steal_qdata(GObject *, GQuark);
extern void g_object_thaw_notify(GObject *);
extern void g_object_unref(gpointer);
extern void g_object_watch_closure(GObject *, GClosure *);
extern void g_object_weak_ref(GObject *, GWeakNotify, gpointer);
extern   void   g_object_weak_unref(GObject   *,   GWeakNotify,
gpointer);
extern  GParamSpec  *g_param_spec_boolean(const  gchar  *,  const
gchar *,
                                          const gchar *, gboolean,
                                          GParamFlags);
extern GParamSpec *g_param_spec_boxed(const gchar *, const gchar
*,
                                      const gchar *, GType,
GParamFlags);
extern GParamSpec *g_param_spec_char(const gchar *, const gchar
*,
                                     const gchar *, gint8, gint8,
gint8,
                                     GParamFlags);
extern GParamSpec *g_param_spec_double(const gchar *, const gchar
*,
                                       const gchar *, gdouble,
gdouble,
                                       gdouble, GParamFlags);
extern GParamSpec *g_param_spec_enum(const gchar *, const gchar
*,
                                     const gchar *, GType, gint,
                                     GParamFlags);
extern GParamSpec *g_param_spec_flags(const gchar *, const gchar
*,
                                      const gchar *, GType,
guint,
                                      GParamFlags);
extern GParamSpec *g_param_spec_float(const gchar *, const gchar
*,
                                      const gchar *, gfloat,
gfloat,
                                      gfloat, GParamFlags);
extern const gchar *g_param_spec_get_blurb(GParamSpec *);
extern const gchar *g_param_spec_get_name(GParamSpec *);
extern const gchar *g_param_spec_get_nick(GParamSpec *);
extern gpointer g_param_spec_get_qdata(GParamSpec *, GQuark);
extern   GParamSpec   *g_param_spec_get_redirect_target(GParamSpec
*);
extern GParamSpec *g_param_spec_int(const gchar *, const gchar *,
                                    const gchar *, gint, gint,
gint,
```

 © 2008 Linux Foundation

```
                                        GParamFlags);
extern GParamSpec *g_param_spec_int64(const gchar *, const gchar
*,
                                              const gchar *, gint64,
gint64,
                                         gint64, GParamFlags);
extern gpointer g_param_spec_internal(GType, const gchar *, const
gchar *,
                                                    const gchar *,
GParamFlags);
extern GParamSpec *g_param_spec_long(const gchar *, const gchar
*,
                                       const gchar *, glong, glong,
glong,
                                       GParamFlags);
extern GParamSpec *g_param_spec_object(const gchar *, const gchar
*,
                                              const gchar *, GType,
GParamFlags);
extern   GParamSpec   *g_param_spec_override(const   gchar   *,
GParamSpec *);
extern GParamSpec *g_param_spec_param(const gchar *, const gchar
*,
                                              const gchar *, GType,
GParamFlags);
extern  GParamSpec  *g_param_spec_pointer(const  gchar  *,  const
gchar *,
                                                    const gchar *,
GParamFlags);
extern void g_param_spec_pool_insert(GParamSpecPool *, GParamSpec
*,
                                       GType);
extern   GParamSpec   **g_param_spec_pool_list(GParamSpecPool   *,
GType,
                                              guint *);
extern   GList   *g_param_spec_pool_list_owned(GParamSpecPool   *,
GType);
extern GParamSpec *g_param_spec_pool_lookup(GParamSpecPool *,
                                               const gchar *, GType,
                                               gboolean);
extern GParamSpecPool *g_param_spec_pool_new(gboolean);
extern void g_param_spec_pool_remove(GParamSpecPool *, GParamSpec
*);
extern GParamSpec *g_param_spec_ref(GParamSpec *);
extern   void   g_param_spec_set_qdata(GParamSpec   *,   GQuark,
gpointer);
extern  void  g_param_spec_set_qdata_full(GParamSpec  *,  GQuark,
gpointer,
                                        GDestroyNotify);
extern void g_param_spec_sink(GParamSpec *);
extern gpointer g_param_spec_steal_qdata(GParamSpec *, GQuark);
extern GParamSpec *g_param_spec_string(const gchar *, const gchar
*,
                                       const gchar *, const gchar
*,
                                       GParamFlags);
extern GType *g_param_spec_types;
extern GParamSpec *g_param_spec_uchar(const gchar *, const gchar
*,
                                              const gchar *, guint8,
guint8,
                                       guint8, GParamFlags);
extern GParamSpec *g_param_spec_uint(const gchar *, const gchar
*,
                                       const gchar *, guint, guint,
guint,
```

```
                                          GParamFlags);
extern GParamSpec *g_param_spec_uint64(const gchar *, const gchar
*,
                                              const gchar *, guint64,
guint64,
                                           guint64, GParamFlags);
extern GParamSpec *g_param_spec_ulong(const gchar *, const gchar
*,
                                               const gchar *, gulong,
gulong,
                                          gulong, GParamFlags);
extern  GParamSpec  *g_param_spec_unichar(const  gchar  *,  const
gchar *,
                                            const gchar *, gunichar,
                                            GParamFlags);
extern void g_param_spec_unref(GParamSpec *);
extern GParamSpec *g_param_spec_value_array(const gchar *, const
gchar *,
                                                          const gchar *,
GParamSpec *,
                                                GParamFlags);
extern GType g_param_type_register_static(const gchar *,
                                                                    const
GParamSpecTypeInfo *);
extern gboolean g_param_value_convert(GParamSpec *, const GValue
*,
                                        GValue *, gboolean);
extern gboolean g_param_value_defaults(GParamSpec *, GValue *);
extern void g_param_value_set_default(GParamSpec *, GValue *);
extern gboolean g_param_value_validate(GParamSpec *, GValue *);
extern gint g_param_values_cmp(GParamSpec *, const GValue *,
                                  const GValue *);
extern GType g_pointer_type_register_static(const gchar *);
extern                                                        gboolean
g_signal_accumulator_true_handled(GSignalInvocationHint *,
                                                       GValue *, const
GValue *,
                                                      gpointer);
extern gulong g_signal_add_emission_hook(guint, GQuark,
                                                 GSignalEmissionHook,
gpointer,
                                           GDestroyNotify);
extern void g_signal_chain_from_overridden(const GValue *, GValue
*);
extern  gulong  g_signal_connect_closure(gpointer,  const  gchar  *,
GClosure *,
                                          gboolean);
extern   gulong   g_signal_connect_closure_by_id(gpointer,   guint,
GQuark,
                                                             GClosure *,
gboolean);
extern  gulong  g_signal_connect_data(gpointer,  const  gchar  *,
GCallback,
                                       gpointer, GClosureNotify,
                                       GConnectFlags);
extern  gulong  g_signal_connect_object(gpointer,  const  gchar  *,
GCallback,
                                        gpointer, GConnectFlags);
extern void g_signal_emit(gpointer, guint, GQuark, ...);
extern void g_signal_emit_by_name(gpointer, const gchar *, ...);
extern   void   g_signal_emit_valist(gpointer,   guint,   GQuark,
va_list);
extern void g_signal_emitv(const GValue *, guint, GQuark, GValue
*);
extern                                          GSignalInvocationHint
*g_signal_get_invocation_hint(gpointer);
```

 © 2008 Linux Foundation

```
extern void g_signal_handler_block(gpointer, gulong);
extern void g_signal_handler_disconnect(gpointer, gulong);
extern  gulong  g_signal_handler_find(gpointer,  GSignalMatchType,
guint,
                                     GQuark, GClosure *, gpointer,
                                     gpointer);
extern gboolean g_signal_handler_is_connected(gpointer, gulong);
extern void g_signal_handler_unblock(gpointer, gulong);
extern      guint      g_signal_handlers_block_matched(gpointer,
GSignalMatchType,
                                                    guint, GQuark,
GClosure *,
                                                gpointer, gpointer);
extern void g_signal_handlers_destroy(gpointer);
extern guint g_signal_handlers_disconnect_matched(gpointer,
                                                   GSignalMatchTyp
e, guint,
                                                      GQuark,
GClosure *,
                                                   gpointer,
gpointer);
extern      guint      g_signal_handlers_unblock_matched(gpointer,
GSignalMatchType,
                                                    guint, GQuark,
GClosure *,
                                                   gpointer,
gpointer);
extern  gboolean  g_signal_has_handler_pending(gpointer,  guint,
GQuark,
                                                gboolean);
extern guint *g_signal_list_ids(GType, guint *);
extern guint g_signal_lookup(const gchar *, GType);
extern const gchar *g_signal_name(guint);
extern  guint  g_signal_new(const  gchar  *,  GType,  GSignalFlags,
guint,
                                    GSignalAccumulator, gpointer,
GSignalCMarshaller,
                           GType, guint, ...);
extern   guint   g_signal_new_valist(const   gchar   *,   GType,
GSignalFlags,
                                  GClosure *, GSignalAccumulator,
gpointer,
                                       GSignalCMarshaller, GType,
guint,
                                  va_list);
extern  guint  g_signal_newv(const  gchar  *,  GType,  GSignalFlags,
GClosure *,
                            GSignalAccumulator, gpointer,
                                 GSignalCMarshaller, GType, guint,
GType *);
extern    void    g_signal_override_class_closure(guint,    GType,
GClosure *);
extern gboolean g_signal_parse_name(const gchar *, GType, guint
*,
                                    GQuark *, gboolean);
extern void g_signal_query(guint, GSignalQuery *);
extern void g_signal_remove_emission_hook(guint, gulong);
extern void g_signal_stop_emission(gpointer, guint, GQuark);
extern  void g_signal_stop_emission_by_name(gpointer,  const  gchar
*);
extern GClosure *g_signal_type_cclosure_new(GType, guint);
extern void g_source_set_closure(GSource *, GClosure *);
extern gchar *g_strdup_value_contents(const GValue *);
extern GType g_strv_get_type(void);
extern         void         g_type_add_class_cache_func(gpointer,
GTypeClassCacheFunc);
```

```
extern          void          g_type_add_interface_check(gpointer,
GTypeInterfaceCheckFunc);
extern     void     g_type_add_interface_dynamic(GType,     GType,
GTypePlugin *);
extern void g_type_add_interface_static(GType, GType,
                                        const GInterfaceInfo *);
extern GTypeClass *g_type_check_class_cast(GTypeClass *, GType);
extern gboolean g_type_check_class_is_a(GTypeClass *, GType);
extern gboolean g_type_check_instance(GTypeInstance *);
extern GTypeInstance *g_type_check_instance_cast(GTypeInstance *,
GType);
extern   gboolean   g_type_check_instance_is_a(GTypeInstance   *,
GType);
extern gboolean g_type_check_is_value_type(GType);
extern gboolean g_type_check_value(GValue *);
extern gboolean g_type_check_value_holds(GValue *, GType);
extern GType *g_type_children(GType, guint *);
extern void g_type_class_add_private(gpointer, gsize);
extern gpointer g_type_class_peek(GType);
extern gpointer g_type_class_peek_parent(gpointer);
extern gpointer g_type_class_peek_static(GType);
extern gpointer g_type_class_ref(GType);
extern void g_type_class_unref(gpointer);
extern void g_type_class_unref_uncached(gpointer);
extern GTypeInstance *g_type_create_instance(GType);
extern gpointer g_type_default_interface_peek(GType);
extern gpointer g_type_default_interface_ref(GType);
extern void g_type_default_interface_unref(gpointer);
extern guint g_type_depth(GType);
extern void g_type_free_instance(GTypeInstance *);
extern GType g_type_from_name(const gchar *);
extern GType g_type_fundamental(GType);
extern GType g_type_fundamental_next(void);
extern GTypePlugin *g_type_get_plugin(GType);
extern gpointer g_type_get_qdata(GType, GQuark);
extern void g_type_init(void);
extern void g_type_init_with_debug_flags(GTypeDebugFlags);
extern   gpointer   g_type_instance_get_private(GTypeInstance   *,
GType);
extern void g_type_interface_add_prerequisite(GType, GType);
extern GTypePlugin *g_type_interface_get_plugin(GType, GType);
extern gpointer g_type_interface_peek(gpointer, GType);
extern gpointer g_type_interface_peek_parent(gpointer);
extern GType *g_type_interface_prerequisites(GType, guint *);
extern GType *g_type_interfaces(GType, guint *);
extern gboolean g_type_is_a(GType, GType);
extern  void  g_type_module_add_interface(GTypeModule  *,  GType,
GType,
                                        const GInterfaceInfo *);
extern GType g_type_module_get_type(void);
extern  GType  g_type_module_register_enum(GTypeModule  *,  const
gchar *,
                                         const GEnumValue *);
extern  GType  g_type_module_register_flags(GTypeModule  *,  const
gchar *,
                                          const GFlagsValue *);
extern GType g_type_module_register_type(GTypeModule *, GType,
                                             const gchar *, const
GTypeInfo *,
                                         GTypeFlags);
extern void g_type_module_set_name(GTypeModule *, const gchar *);
extern void g_type_module_unuse(GTypeModule *);
extern gboolean g_type_module_use(GTypeModule *);
extern const gchar *g_type_name(GType);
extern const gchar *g_type_name_from_class(GTypeClass *);
extern const gchar *g_type_name_from_instance(GTypeInstance *);
```

 © 2008 Linux Foundation

```
extern GType g_type_next_base(GType, GType);
extern GType g_type_parent(GType);
extern  void  g_type_plugin_complete_interface_info(GTypePlugin  *,
GType,
                                                                GType,
GInterfaceInfo *);
extern   void   g_type_plugin_complete_type_info(GTypePlugin   *,
GType,
                                                  GTypeInfo *,
                                                  GTypeValueTable *);
extern GType g_type_plugin_get_type(void);
extern void g_type_plugin_unuse(GTypePlugin *);
extern void g_type_plugin_use(GTypePlugin *);
extern GQuark g_type_qname(GType);
extern void g_type_query(GType, GTypeQuery *);
extern  GType  g_type_register_dynamic(GType,  const  gchar  *,
GTypePlugin *,
                                       GTypeFlags);
extern GType g_type_register_fundamental(GType, const gchar *,
                                         const GTypeInfo *,
                                                               const
GTypeFundamentalInfo *,
                                         GTypeFlags);
extern GType g_type_register_static(GType, const gchar *,
                                            const  GTypeInfo  *,
GTypeFlags);
extern        void        g_type_remove_class_cache_func(gpointer,
GTypeClassCacheFunc);
extern void g_type_remove_interface_check(gpointer,
                                          GTypeInterfaceCheckFunc
);
extern void g_type_set_qdata(GType, GQuark, gpointer);
extern gboolean g_type_test_flags(GType, guint);
extern GTypeValueTable *g_type_value_table_peek(GType);
extern  GValueArray  *g_value_array_append(GValueArray  *,  const
GValue *);
extern GValueArray *g_value_array_copy(const GValueArray *);
extern void g_value_array_free(GValueArray *);
extern GValue *g_value_array_get_nth(GValueArray *, guint);
extern GType g_value_array_get_type(void);
extern GValueArray *g_value_array_insert(GValueArray *, guint,
                                         const GValue *);
extern GValueArray *g_value_array_new(guint);
extern  GValueArray  *g_value_array_prepend(GValueArray  *,  const
GValue *);
extern GValueArray *g_value_array_remove(GValueArray *, guint);
extern     GValueArray     *g_value_array_sort(GValueArray     *,
GCompareFunc);
extern GValueArray *g_value_array_sort_with_data(GValueArray *,
                                                  GCompareDataFunc
,
                                                 gpointer);
extern void g_value_copy(const GValue *, GValue *);
extern gpointer g_value_dup_boxed(const GValue *);
extern GObject *g_value_dup_object(const GValue *);
extern GParamSpec *g_value_dup_param(const GValue *);
extern gchar *g_value_dup_string(const GValue *);
extern gboolean g_value_fits_pointer(const GValue *);
extern gboolean g_value_get_boolean(const GValue *);
extern gpointer g_value_get_boxed(const GValue *);
extern gchar g_value_get_char(const GValue *);
extern gdouble g_value_get_double(const GValue *);
extern gint g_value_get_enum(const GValue *);
extern guint g_value_get_flags(const GValue *);
extern gfloat g_value_get_float(const GValue *);
extern gint g_value_get_int(const GValue *);
```

```
extern gint64 g_value_get_int64(const GValue *);
extern glong g_value_get_long(const GValue *);
extern gpointer g_value_get_object(const GValue *);
extern GParamSpec *g_value_get_param(const GValue *);
extern gpointer g_value_get_pointer(const GValue *);
extern const gchar *g_value_get_string(const GValue *);
extern GType g_value_get_type(void);
extern guchar g_value_get_uchar(const GValue *);
extern guint g_value_get_uint(const GValue *);
extern guint64 g_value_get_uint64(const GValue *);
extern gulong g_value_get_ulong(const GValue *);
extern GValue *g_value_init(GValue *, GType);
extern gpointer g_value_peek_pointer(const GValue *);
extern    void    g_value_register_transform_func(GType,    GType,
GValueTransform);
extern GValue *g_value_reset(GValue *);
extern void g_value_set_boolean(GValue *, gboolean);
extern void g_value_set_boxed(GValue *, gconstpointer);
extern void g_value_set_char(GValue *, gchar);
extern void g_value_set_double(GValue *, gdouble);
extern void g_value_set_enum(GValue *, gint);
extern void g_value_set_flags(GValue *, guint);
extern void g_value_set_float(GValue *, gfloat);
extern void g_value_set_instance(GValue *, gpointer);
extern void g_value_set_int(GValue *, gint);
extern void g_value_set_int64(GValue *, gint64);
extern void g_value_set_long(GValue *, glong);
extern void g_value_set_object(GValue *, gpointer);
extern void g_value_set_param(GValue *, GParamSpec *);
extern void g_value_set_pointer(GValue *, gpointer);
extern void g_value_set_static_boxed(GValue *, gconstpointer);
extern void g_value_set_static_string(GValue *, const gchar *);
extern void g_value_set_string(GValue *, const gchar *);
extern void g_value_set_uchar(GValue *, guchar);
extern void g_value_set_uint(GValue *, guint);
extern void g_value_set_uint64(GValue *, guint64);
extern void g_value_set_ulong(GValue *, gulong);
extern void g_value_take_boxed(GValue *, gconstpointer);
extern void g_value_take_object(GValue *, gpointer);
extern void g_value_take_param(GValue *, GParamSpec *);
extern void g_value_take_string(GValue *, gchar *);
extern gboolean g_value_transform(const GValue *, GValue *);
extern gboolean g_value_type_compatible(GType, GType);
extern gboolean g_value_type_transformable(GType, GType);
extern void g_value_unset(GValue *);
```

16.6.2 glib-2.0/gobject/gvaluecollector.h

```
#define G_VALUE_LCOPY(value,var_args,flags,__error)      \
          G_STMT_START { const GValue *_value = (value); guint
_flags = \
           (flags); GType _value_type = G_VALUE_TYPE (_value);
GTypeValueTable \
         *_vtable = g_type_value_table_peek (_value_type); gchar
*_lcopy_format \
        = _vtable->lcopy_format; GTypeCValue \
                  _cvalues[G_VALUE_COLLECT_FORMAT_MAX_LENGTH]  =
{ { 0, }, }; guint \
           _n_values = 0; while (*_lcopy_format) { GTypeCValue
*_cvalue = \
             _cvalues + _n_values++; switch (*_lcopy_format++)
{ case \
         G_VALUE_COLLECT_INT: _cvalue->v_int = va_arg ((var_args),
gint); \
```

 © 2008 Linux Foundation

```
            break; case G_VALUE_COLLECT_LONG: _cvalue->v_long =
va_arg \
        ((var_args), glong); break; case G_VALUE_COLLECT_INT64: \
          _cvalue->v_int64 = va_arg ((var_args), gint64); break;
case \
           G_VALUE_COLLECT_DOUBLE: _cvalue->v_double = va_arg
((var_args), \
         gdouble); break; case G_VALUE_COLLECT_POINTER: _cvalue-
>v_pointer = \
              va_arg ((var_args), gpointer); break; default:
g_assert_not_reached \
           (); } } *(__error) = _vtable->lcopy_value (_value,
_n_values, \
        _cvalues, _flags); } G_STMT_END
#define G_VALUE_COLLECT(value,var_args,flags,__error)    \
         G_STMT_START { GValue *_value = (value); guint _flags =
(flags); \
                GType _value_type = G_VALUE_TYPE (_value);
GTypeValueTable *_vtable = \
                  g_type_value_table_peek (_value_type); gchar
*_collect_format = \
        _vtable->collect_format; GTypeCValue \
                  _cvalues[G_VALUE_COLLECT_FORMAT_MAX_LENGTH] =
{ { 0, }, }; guint \
           _n_values = 0; if (_vtable->value_free) _vtable-
>value_free (_value); \
          _value->g_type = _value_type; memset (_value->data, 0,
sizeof \
         (_value->data)); while (*_collect_format) { GTypeCValue
*_cvalue = \
           _cvalues + _n_values++; switch (*_collect_format++)
{ case \
        G_VALUE_COLLECT_INT: _cvalue->v_int = va_arg ((var_args),
gint); \
            break; case G_VALUE_COLLECT_LONG: _cvalue->v_long =
va_arg \
        ((var_args), glong); break; case G_VALUE_COLLECT_INT64: \
          _cvalue->v_int64 = va_arg ((var_args), gint64); break;
case \
           G_VALUE_COLLECT_DOUBLE: _cvalue->v_double = va_arg
((var_args), \
         gdouble); break; case G_VALUE_COLLECT_POINTER: _cvalue-
>v_pointer = \
              va_arg ((var_args), gpointer); break; default:
g_assert_not_reached \
          (); } } *(__error) = _vtable->collect_value (_value,
_n_values, \
        _cvalues, _flags); } G_STMT_END
#define G_VALUE_COLLECT_FORMAT_MAX_LENGTH       (8)

enum {
    G_VALUE_COLLECT_INT = 'i',
    G_VALUE_COLLECT_LONG = 'l',
    G_VALUE_COLLECT_INT64 = 'q',
    G_VALUE_COLLECT_DOUBLE = 'd',
    G_VALUE_COLLECT_POINTER = 'p'
};
```

16.7 Interface Definitions for libgobject-2.0

The interfaces defined on the following pages are included in libgobject-2.0 and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 16.5 shall behave as described in the referenced

base document.

g_type_name_from_class

Name

g_type_name_from_class — get unique type name of the class

Synopsis

```
#include <glib-object.h>
gchar *g_type_name_from_class(GTypeClass *g_class);
```

Description

The g_type_name_from_class() returns the unique name that is assigned to a type ID of *g_class* class structure.

Return Value

The g_type_name_from_class() function returns a pointer referring to the static string with the unique name.

Errors

No errors are defined.

g_type_name_from_instance

Name

g_type_name_from_instance — get name of type from the instance

Synopsis

```
#include <glib-object.h>
gchar *g_type_name_from_instance(GTypeInstance *instance);
```

Description

The g_type_name_from_instance() returns the name of type from the instance *instance* in a Camel case. Instance should be valid instance pointer.

Return Value

The g_type_name_from_instance() function returns a pointer referring to the string with the type name.

Errors

No errors are defined.

 © 2008 Linux Foundation

g_value_set_instance

Name

g_value_set_instance — set value from an instantiatable type

Synopsis

```
#include <glib-object.h>
voidg_value_set_instance(GValue *value, gpointerinstance);
```

Description

The g_value_set_instance() sets value from an instantiatable type via the value_table's collect_value() function.

Errors

No errors are defined.

16.8 Interfaces for libgmodule-2.0

Table 16-68 defines the library name and shared object name for the libgmodule-2.0 library

Table 16-68 libgmodule-2.0 Definition

Library:	libgmodule-2.0
SONAME:	libgmodule-2.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:
[Glib 2.8] Glib 2.8.6 Reference Manual

16.8.1 Glib-Dynamic loading of Modules

16.8.1.1 Interfaces for Glib-Dynamic loading of Modules

An LSB conforming implementation shall provide the generic functions for Glib-Dynamic loading of Modules specified in Table 16-69, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-69 libgmodule-2.0 - Glib-Dynamic loading of Modules Function Interfaces

g_module_build_path [Glib 2.8]	g_module_close [Glib 2.8]
g_module_error [Glib 2.8]	g_module_make_resident [Glib 2.8]
g_module_name [Glib 2.8]	g_module_open [Glib 2.8]
g_module_supported [Glib 2.8]	g_module_symbol [Glib 2.8]

16.9 Data Definitions for libgmodule-2.0

This section defines global identifiers and their values that are associated with interfaces contained in libgmodule-2.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their

content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.9.1 glib-2.0/gmodule.h

```
#define G_MODULE_EXPORT
#define G_MODULE_IMPORT extern

typedef struct _GModule GModule;
typedef enum {
    G_MODULE_BIND_LAZY = 1,
    G_MODULE_BIND_LOCAL = 2,
    G_MODULE_BIND_MASK = 3
} GModuleFlags;
typedef void (*GModuleUnload) (GModule *);
typedef const gchar *(*GModuleCheckInit) (GModule *);
extern gchar *g_module_build_path(const gchar * directory,
                                  const gchar * module_name);
extern gboolean g_module_close(GModule * module);
extern const gchar *g_module_error(void);
extern void g_module_make_resident(GModule * module);
extern const gchar *g_module_name(GModule * module);
extern   GModule   *g_module_open(const   gchar   *   file_name,
GModuleFlags flags);
extern gboolean g_module_supported(void);
extern gboolean g_module_symbol(GModule * module,
                                const gchar * symbol_name,
                                gpointer * symbol);
```

16.10 Interfaces for libgthread-2.0

Table 16-70 defines the library name and shared object name for the libgthread-2.0 library

Table 16-70 libgthread-2.0 Definition

Library:	libgthread-2.0
SONAME:	libgthread-2.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Glib 2.8] Glib 2.8.6 Reference Manual

16.10.1 Glib thread abstraction

16.10.1.1 Interfaces for Glib thread abstraction

An LSB conforming implementation shall provide the generic functions for Glib

 © 2008 Linux Foundation

thread abstraction specified in Table 16-71, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-71 libgthread-2.0 - Glib thread abstraction Function Interfaces

g_thread_init [Glib 2.8]	g_thread_init_with_errorcheck_mutexes [Glib 2.8]

16.11 Interfaces for libatk-1.0

Table 16-72 defines the library name and shared object name for the libatk-1.0 library

Table 16-72 libatk-1.0 Definition

Library:	libatk-1.0
SONAME:	libatk-1.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[ATK 1.10] ATK 1.10.3 Reference Manual
[Gobject 2.8] Gobject 2.8.6 Reference Manual

16.11.1 GTK Accessibility Toolkit

16.11.1.1 Interfaces for GTK Accessibility Toolkit

An LSB conforming implementation shall provide the generic functions for GTK Accessibility Toolkit specified in Table 16-73, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-73 libatk-1.0 - GTK Accessibility Toolkit Function Interfaces

atk_action_do_action [ATK 1.10]	atk_action_get_description [ATK 1.10]
atk_action_get_keybinding [ATK 1.10]	atk_action_get_localized_name [ATK 1.10]
atk_action_get_n_actions [ATK 1.10]	atk_action_get_name [ATK 1.10]
atk_action_get_type [Gobject 2.8]	atk_action_set_description [ATK 1.10]
atk_add_focus_tracker [ATK 1.10]	atk_add_global_event_listener [ATK 1.10]
atk_add_key_event_listener [ATK 1.10]	atk_attribute_set_free [ATK 1.10]
atk_component_add_focus_handler [ATK 1.10]	atk_component_contains [ATK 1.10]
atk_component_get_extents [ATK 1.10]	atk_component_get_layer [ATK 1.10]
atk_component_get_mdi_zorder [ATK 1.10]	atk_component_get_position [ATK 1.10]
atk_component_get_size [ATK 1.10]	atk_component_get_type [Gobject 2.8]
atk_component_grab_focus [ATK	atk_component_ref_accessible_at_po

1.10]	int [ATK 1.10]
atk_component_remove_focus_handler [ATK 1.10]	atk_component_set_extents [ATK 1.10]
atk_component_set_position [ATK 1.10]	atk_component_set_size [ATK 1.10]
atk_coord_type_get_type [Gobject 2.8]	atk_document_get_document [ATK 1.10]
atk_document_get_document_type [ATK 1.10]	atk_document_get_type [Gobject 2.8]
atk_editable_text_copy_text [ATK 1.10]	atk_editable_text_cut_text [ATK 1.10]
atk_editable_text_delete_text [ATK 1.10]	atk_editable_text_get_type [Gobject 2.8]
atk_editable_text_insert_text [ATK 1.10]	atk_editable_text_paste_text [ATK 1.10]
atk_editable_text_set_run_attributes [ATK 1.10]	atk_editable_text_set_text_contents [ATK 1.10]
atk_focus_tracker_init [ATK 1.10]	atk_focus_tracker_notify [ATK 1.10]
atk_get_default_registry [ATK 1.10]	atk_get_focus_object [ATK 1.10]
atk_get_root [ATK 1.10]	atk_get_toolkit_name [ATK 1.10]
atk_get_toolkit_version [ATK 1.10]	atk_gobject_accessible_for_object [ATK 1.10]
atk_gobject_accessible_get_object [ATK 1.10]	atk_gobject_accessible_get_type [Gobject 2.8]
atk_hyperlink_get_end_index [ATK 1.10]	atk_hyperlink_get_n_anchors [ATK 1.10]
atk_hyperlink_get_object [ATK 1.10]	atk_hyperlink_get_start_index [ATK 1.10]
atk_hyperlink_get_type [Gobject 2.8]	atk_hyperlink_get_uri [ATK 1.10]
atk_hyperlink_is_inline [ATK 1.10]	atk_hyperlink_is_selected_link [ATK 1.10]
atk_hyperlink_is_valid [ATK 1.10]	atk_hyperlink_state_flags_get_type [Gobject 2.8]
atk_hypertext_get_link [ATK 1.10]	atk_hypertext_get_link_index [ATK 1.10]
atk_hypertext_get_n_links [ATK 1.10]	atk_hypertext_get_type [Gobject 2.8]
atk_image_get_image_description [ATK 1.10]	atk_image_get_image_position [ATK 1.10]
atk_image_get_image_size [ATK 1.10]	atk_image_get_type [Gobject 2.8]
atk_image_set_image_description [ATK 1.10]	atk_implementor_get_type [Gobject 2.8]
atk_implementor_ref_accessible [ATK 1.10]	atk_key_event_type_get_type [Gobject 2.8]

© 2008 Linux Foundation

atk_layer_get_type [Gobject 2.8]	atk_no_op_object_factory_get_type [Gobject 2.8]
atk_no_op_object_factory_new [ATK 1.10]	atk_no_op_object_get_type [Gobject 2.8]
atk_no_op_object_new [ATK 1.10]	atk_object_add_relationship [ATK 1.10]
atk_object_connect_property_change_handler [ATK 1.10]	atk_object_factory_create_accessible [ATK 1.10]
atk_object_factory_get_accessible_type [ATK 1.10]	atk_object_factory_get_type [Gobject 2.8]
atk_object_factory_invalidate [ATK 1.10]	atk_object_get_description [ATK 1.10]
atk_object_get_index_in_parent [ATK 1.10]	atk_object_get_n_accessible_children [ATK 1.10]
atk_object_get_name [ATK 1.10]	atk_object_get_parent [ATK 1.10]
atk_object_get_role [ATK 1.10]	atk_object_get_type [Gobject 2.8]
atk_object_initialize [ATK 1.10]	atk_object_notify_state_change [ATK 1.10]
atk_object_ref_accessible_child [ATK 1.10]	atk_object_ref_relation_set [ATK 1.10]
atk_object_ref_state_set [ATK 1.10]	atk_object_remove_property_change_handler [ATK 1.10]
atk_object_remove_relationship [ATK 1.10]	atk_object_set_description [ATK 1.10]
atk_object_set_name [ATK 1.10]	atk_object_set_parent [ATK 1.10]
atk_object_set_role [ATK 1.10]	atk_rectangle_get_type [Gobject 2.8]
atk_registry_get_factory [ATK 1.10]	atk_registry_get_factory_type [ATK 1.10]
atk_registry_get_type [Gobject 2.8]	atk_registry_set_factory_type [ATK 1.10]
atk_relation_add_target [ATK 1.10]	atk_relation_get_relation_type [ATK 1.10]
atk_relation_get_target [ATK 1.10]	atk_relation_get_type [Gobject 2.8]
atk_relation_new [ATK 1.10]	atk_relation_set_add [ATK 1.10]
atk_relation_set_add_relation_by_type [ATK 1.10]	atk_relation_set_contains [ATK 1.10]
atk_relation_set_get_n_relations [ATK 1.10]	atk_relation_set_get_relation [ATK 1.10]
atk_relation_set_get_relation_by_type [ATK 1.10]	atk_relation_set_get_type [Gobject 2.8]
atk_relation_set_new [ATK 1.10]	atk_relation_set_remove [ATK 1.10]
atk_relation_type_for_name [ATK 1.10]	atk_relation_type_get_name [ATK 1.10]
atk_relation_type_get_type [Gobject 2.8]	atk_relation_type_register [ATK 1.10]

© 2008 Linux Foundation

atk_remove_focus_tracker [ATK 1.10]	atk_remove_global_event_listener [ATK 1.10]
atk_remove_key_event_listener [ATK 1.10]	atk_role_for_name [ATK 1.10]
atk_role_get_localized_name [ATK 1.10]	atk_role_get_name [ATK 1.10]
atk_role_get_type [Gobject 2.8]	atk_role_register [ATK 1.10]
atk_selection_add_selection [ATK 1.10]	atk_selection_clear_selection [ATK 1.10]
atk_selection_get_selection_count [ATK 1.10]	atk_selection_get_type [Gobject 2.8]
atk_selection_is_child_selected [ATK 1.10]	atk_selection_ref_selection [ATK 1.10]
atk_selection_remove_selection [ATK 1.10]	atk_selection_select_all_selection [ATK 1.10]
atk_state_set_add_state [ATK 1.10]	atk_state_set_add_states [ATK 1.10]
atk_state_set_and_sets [ATK 1.10]	atk_state_set_clear_states [ATK 1.10]
atk_state_set_contains_state [ATK 1.10]	atk_state_set_contains_states [ATK 1.10]
atk_state_set_get_type [Gobject 2.8]	atk_state_set_is_empty [ATK 1.10]
atk_state_set_new [ATK 1.10]	atk_state_set_or_sets [ATK 1.10]
atk_state_set_remove_state [ATK 1.10]	atk_state_set_xor_sets [ATK 1.10]
atk_state_type_for_name [ATK 1.10]	atk_state_type_get_name [ATK 1.10]
atk_state_type_get_type [Gobject 2.8]	atk_state_type_register [ATK 1.10]
atk_streamable_content_get_mime_type [ATK 1.10]	atk_streamable_content_get_n_mime_types [ATK 1.10]
atk_streamable_content_get_stream [ATK 1.10]	atk_streamable_content_get_type [Gobject 2.8]
atk_table_add_column_selection [ATK 1.10]	atk_table_add_row_selection [ATK 1.10]
atk_table_get_caption [ATK 1.10]	atk_table_get_column_at_index [ATK 1.10]
atk_table_get_column_description [ATK 1.10]	atk_table_get_column_extent_at [ATK 1.10]
atk_table_get_column_header [ATK 1.10]	atk_table_get_index_at [ATK 1.10]
atk_table_get_n_columns [ATK 1.10]	atk_table_get_n_rows [ATK 1.10]
atk_table_get_row_at_index [ATK 1.10]	atk_table_get_row_description [ATK 1.10]
atk_table_get_row_extent_at [ATK 1.10]	atk_table_get_row_header [ATK 1.10]
atk_table_get_selected_columns [ATK 1.10]	atk_table_get_selected_rows [ATK 1.10]

© 2008 Linux Foundation

atk_table_get_summary [ATK 1.10]	atk_table_get_type [Gobject 2.8]
atk_table_is_column_selected [ATK 1.10]	atk_table_is_row_selected [ATK 1.10]
atk_table_is_selected [ATK 1.10]	atk_table_ref_at [ATK 1.10]
atk_table_remove_column_selection [ATK 1.10]	atk_table_remove_row_selection [ATK 1.10]
atk_table_set_caption [ATK 1.10]	atk_table_set_column_description [ATK 1.10]
atk_table_set_column_header [ATK 1.10]	atk_table_set_row_description [ATK 1.10]
atk_table_set_row_header [ATK 1.10]	atk_table_set_summary [ATK 1.10]
atk_text_add_selection [ATK 1.10]	atk_text_attribute_for_name [ATK 1.10]
atk_text_attribute_get_name [ATK 1.10]	atk_text_attribute_get_type [Gobject 2.8]
atk_text_attribute_get_value [ATK 1.10]	atk_text_attribute_register [ATK 1.10]
atk_text_boundary_get_type [Gobject 2.8]	atk_text_clip_type_get_type [Gobject 2.8]
atk_text_free_ranges [ATK 1.10]	atk_text_get_bounded_ranges [ATK 1.10]
atk_text_get_caret_offset [ATK 1.10]	atk_text_get_character_at_offset [ATK 1.10]
atk_text_get_character_count [ATK 1.10]	atk_text_get_character_extents [ATK 1.10]
atk_text_get_default_attributes [ATK 1.10]	atk_text_get_n_selections [ATK 1.10]
atk_text_get_offset_at_point [ATK 1.10]	atk_text_get_range_extents [ATK 1.10]
atk_text_get_run_attributes [ATK 1.10]	atk_text_get_selection [ATK 1.10]
atk_text_get_text [ATK 1.10]	atk_text_get_text_after_offset [ATK 1.10]
atk_text_get_text_at_offset [ATK 1.10]	atk_text_get_text_before_offset [ATK 1.10]
atk_text_get_type [Gobject 2.8]	atk_text_remove_selection [ATK 1.10]
atk_text_set_caret_offset [ATK 1.10]	atk_text_set_selection [ATK 1.10]
atk_util_get_type [Gobject 2.8]	atk_value_get_current_value [ATK 1.10]
atk_value_get_maximum_value [ATK 1.10]	atk_value_get_minimum_value [ATK 1.10]
atk_value_get_type [Gobject 2.8]	atk_value_set_current_value [ATK 1.10]

16.12 Data Definitions for libatk-1.0

This section defines global identifiers and their values that are associated with interfaces contained in libatk-1.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.12.1 atk-1.0/atk/atk-enum-types.h

```
#define ATK_TYPE_HYPERLINK_STATE_FLAGS   \
        (atk_hyperlink_state_flags_get_type())
#define ATK_TYPE_COORD_TYPE     (atk_coord_type_get_type())
#define ATK_TYPE_KEY_EVENT_TYPE (atk_key_event_type_get_type())
#define ATK_TYPE_LAYER  (atk_layer_get_type())
#define ATK_TYPE_RELATION_TYPE  (atk_relation_type_get_type())
#define ATK_TYPE_ROLE   (atk_role_get_type())
#define ATK_TYPE_STATE_TYPE     (atk_state_type_get_type())
#define ATK_TYPE_TEXT_ATTRIBUTE (atk_text_attribute_get_type())
#define ATK_TYPE_TEXT_BOUNDARY  (atk_text_boundary_get_type())
#define ATK_TYPE_TEXT_CLIP_TYPE (atk_text_clip_type_get_type())

extern GType atk_coord_type_get_type(void);
extern GType atk_hyperlink_state_flags_get_type(void);
extern GType atk_key_event_type_get_type(void);
extern GType atk_layer_get_type(void);
extern GType atk_relation_type_get_type(void);
extern GType atk_role_get_type(void);
extern GType atk_state_type_get_type(void);
extern GType atk_text_attribute_get_type(void);
extern GType atk_text_boundary_get_type(void);
extern GType atk_text_clip_type_get_type(void);
```

16.12.2 atk-1.0/atk/atk.h

```
#define _TYPEDEF_ATK_ACTION_
#define _TYPEDEF_ATK_COMPONENT_
#define _TYPEDEF_ATK_DOCUMENT_
#define _TYPEDEF_ATK_EDITABLE_TEXT_
#define _TYPEDEF_ATK_HYPERTEXT_
#define _TYPEDEF_ATK_IMAGE_
#define _TYPEDEF_ATK_SELECTION_
#define _TYPEDEF_ATK_STREAMABLE_CONTENT
#define _TYPEDEF_ATK_TABLE_
#define _TYPEDEF_ATK_TEXT_
#define _TYPEDEF_ATK_UTIL_
#define _TYPEDEF_ATK_VALUE__
#define ATK_TYPE_NO_OP_OBJECT_FACTORY    \
        (atk_no_op_object_factory_get_type ())
```

 © 2008 Linux Foundation

```
#define ATK_GOBJECT_ACCESSIBLE_CLASS(klass)      \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
ATK_TYPE_GOBJECT_ACCESSIBLE, \
        AtkGObjectAccessibleClass))
#define ATK_HYPERLINK_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), ATK_TYPE_HYPERLINK, \
        AtkHyperlinkClass))
#define ATK_NO_OP_OBJECT_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), ATK_TYPE_NO_OP_OBJECT,
\
        AtkNoOpObjectClass))
#define ATK_NO_OP_OBJECT_FACTORY_CLASS(klass)    \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
ATK_TYPE_NO_OP_OBJECT_FACTORY, \
        AtkNoOpObjectFactoryClass))
#define ATK_OBJECT_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  ATK_TYPE_OBJECT,
AtkObjectClass))
#define ATK_OBJECT_FACTORY_CLASS(klass)  \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
ATK_TYPE_OBJECT_FACTORY, \
        AtkObjectFactoryClass))
#define ATK_REGISTRY_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), ATK_TYPE_REGISTRY, \
        AtkRegistryClass))
#define ATK_RELATION_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), ATK_TYPE_RELATION, \
        AtkRelationClass))
#define ATK_RELATION_SET_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), ATK_TYPE_RELATION_SET,
\
        AtkRelationSetClass))
#define ATK_STATE_SET_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), ATK_TYPE_STATE_SET, \
        AtkStateSetClass))
#define ATK_UTIL_CLASS(klass)    \
               (G_TYPE_CHECK_CLASS_CAST  ((klass),  ATK_TYPE_UTIL,
AtkUtilClass))
#define ATK_IS_GOBJECT_ACCESSIBLE_CLASS(klass)   \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
ATK_TYPE_GOBJECT_ACCESSIBLE))
#define ATK_IS_HYPERLINK_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), ATK_TYPE_HYPERLINK))
#define ATK_IS_NO_OP_OBJECT_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
ATK_TYPE_NO_OP_OBJECT))
#define ATK_IS_NO_OP_OBJECT_FACTORY_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
ATK_TYPE_NO_OP_OBJECT_FACTORY))
#define ATK_IS_OBJECT_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), ATK_TYPE_OBJECT))
#define ATK_IS_OBJECT_FACTORY_CLASS(klass)       \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
ATK_TYPE_OBJECT_FACTORY))
#define ATK_IS_REGISTRY_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), ATK_TYPE_REGISTRY))
#define ATK_IS_RELATION_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), ATK_TYPE_RELATION))
#define ATK_IS_RELATION_SET_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
ATK_TYPE_RELATION_SET))
#define ATK_IS_STATE_SET_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), ATK_TYPE_STATE_SET))
#define ATK_IS_UTIL_CLASS(klass)         \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), ATK_TYPE_UTIL))
#define ATK_GOBJECT_ACCESSIBLE(obj)      \
```

```
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
ATK_TYPE_GOBJECT_ACCESSIBLE, \
        AtkGObjectAccessible))
#define ATK_HYPERLINK(obj)       \
        (G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_HYPERLINK, \
        AtkHyperlink))
#define ATK_NO_OP_OBJECT(obj)    \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
ATK_TYPE_NO_OP_OBJECT, \
        AtkNoOpObject))
#define ATK_NO_OP_OBJECT_FACTORY(obj)    \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
ATK_TYPE_NO_OP_OBJECT_FACTORY, \
        AtkNoOpObjectFactory))
#define ATK_OBJECT(obj)  \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  ATK_TYPE_OBJECT,
AtkObject))
#define ATK_OBJECT_FACTORY(obj)  \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
ATK_TYPE_OBJECT_FACTORY, \
        AtkObjectFactory))
#define ATK_REGISTRY(obj)        \
           (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  ATK_TYPE_REGISTRY,
AtkRegistry))
#define ATK_RELATION(obj)        \
           (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  ATK_TYPE_RELATION,
AtkRelation))
#define ATK_RELATION_SET(obj)    \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
ATK_TYPE_RELATION_SET, \
        AtkRelationSet))
#define ATK_STATE_SET(obj)       \
          (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  ATK_TYPE_STATE_SET,
AtkStateSet))
#define ATK_IS_GOBJECT_ACCESSIBLE(obj)   \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
ATK_TYPE_GOBJECT_ACCESSIBLE))
#define ATK_IS_HYPERLINK(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_HYPERLINK))
#define ATK_IS_NO_OP_OBJECT(obj)         \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
ATK_TYPE_NO_OP_OBJECT))
#define ATK_IS_NO_OP_OBJECT_FACTORY(obj)         \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
ATK_TYPE_NO_OP_OBJECT_FACTORY))
#define ATK_IS_OBJECT(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_OBJECT))
#define ATK_IS_OBJECT_FACTORY(obj)       \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
ATK_TYPE_OBJECT_FACTORY))
#define ATK_IS_REGISTRY(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_REGISTRY))
#define ATK_IS_RELATION(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_RELATION))
#define ATK_IS_RELATION_SET(obj)         \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
ATK_TYPE_RELATION_SET))
#define ATK_IS_STATE_SET(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_STATE_SET))
#define ATK_NO_OP_OBJECT_FACTORY_GET_CLASS(obj)  \
                           (G_TYPE_INSTANCE_GET_CLASS   (   (obj),
ATK_TYPE_NO_OP_OBJECT_FACTORY, \
        AtkNoOpObjectFactoryClass))
#define ATK_GOBJECT_ACCESSIBLE_GET_CLASS(obj)    \
                                 (G_TYPE_INSTANCE_GET_CLASS    ((obj),
ATK_TYPE_GOBJECT_ACCESSIBLE, \
```

 © 2008 Linux Foundation

```
        AtkGObjectAccessibleClass))
#define ATK_HYPERLINK_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), ATK_TYPE_HYPERLINK, \
        AtkHyperlinkClass))
#define ATK_NO_OP_OBJECT_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), ATK_TYPE_NO_OP_OBJECT,
\
        AtkNoOpObjectClass))
#define ATK_OBJECT_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  ATK_TYPE_OBJECT,
AtkObjectClass))
#define ATK_OBJECT_FACTORY_GET_CLASS(obj)        \
                              (G_TYPE_INSTANCE_GET_CLASS    ((obj),
ATK_TYPE_OBJECT_FACTORY, \
        AtkObjectFactoryClass))
#define ATK_REGISTRY_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), ATK_TYPE_REGISTRY, \
        AtkRegistryClass))
#define ATK_RELATION_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), ATK_TYPE_RELATION, \
        AtkRelationClass))
#define ATK_RELATION_SET_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), ATK_TYPE_RELATION_SET,
\
        AtkRelationSetClass))
#define ATK_STATE_SET_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), ATK_TYPE_STATE_SET, \
        AtkStateSetClass))
#define ATK_UTIL_GET_CLASS(obj)  \
               (G_TYPE_INSTANCE_GET_CLASS  ((obj),  ATK_TYPE_UTIL,
AtkUtilClass))
#define ATK_ACTION_GET_IFACE(obj)        \
        (G_TYPE_INSTANCE_GET_INTERFACE ((obj), ATK_TYPE_ACTION, \
        AtkActionIface))
#define ATK_COMPONENT_GET_IFACE(obj)     \
                           (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
ATK_TYPE_COMPONENT, \
        AtkComponentIface))
#define ATK_DOCUMENT_GET_IFACE(obj)      \
         (G_TYPE_INSTANCE_GET_INTERFACE ((obj), ATK_TYPE_DOCUMENT,
\
        AtkDocumentIface))
#define ATK_EDITABLE_TEXT_GET_IFACE(obj)         \
                           (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
ATK_TYPE_EDITABLE_TEXT, \
        AtkEditableTextIface))
#define ATK_HYPERTEXT_GET_IFACE(obj)     \
                           (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
ATK_TYPE_HYPERTEXT, \
        AtkHypertextIface))
#define ATK_IMAGE_GET_IFACE(obj)         \
        (G_TYPE_INSTANCE_GET_INTERFACE ((obj), ATK_TYPE_IMAGE, \
        AtkImageIface))
#define ATK_IMPLEMENTOR_GET_IFACE(obj)   \
                           (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
ATK_TYPE_IMPLEMENTOR, \
        AtkImplementorIface))
#define ATK_SELECTION_GET_IFACE(obj)     \
                           (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
ATK_TYPE_SELECTION, \
        AtkSelectionIface))
#define ATK_STREAMABLE_CONTENT_GET_IFACE(obj)    \
                           (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
ATK_TYPE_STREAMABLE_CONTENT, \
        AtkStreamableContentIface))
#define ATK_TABLE_GET_IFACE(obj)         \
```

```
        (G_TYPE_INSTANCE_GET_INTERFACE ((obj), ATK_TYPE_TABLE, \
        AtkTableIface))
#define ATK_TEXT_GET_IFACE(obj)  \
            (G_TYPE_INSTANCE_GET_INTERFACE ((obj), ATK_TYPE_TEXT,
AtkTextIface))
#define ATK_VALUE_GET_IFACE(obj)         \
        (G_TYPE_INSTANCE_GET_INTERFACE ((obj), ATK_TYPE_VALUE, \
        AtkValueIface))
#define ATK_ACTION(obj)  \
             G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_ACTION,
AtkAction)
#define ATK_COMPONENT(obj)       \
          G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_COMPONENT,
AtkComponent)
#define ATK_DOCUMENT(obj)        \
           G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_DOCUMENT,
AtkDocument)
#define ATK_EDITABLE_TEXT(obj)   \
                                 G_TYPE_CHECK_INSTANCE_CAST    ((obj),
ATK_TYPE_EDITABLE_TEXT, \
        AtkEditableText)
#define ATK_HYPERTEXT(obj)       \
          G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_HYPERTEXT,
AtkHypertext)
#define ATK_IMAGE(obj)   \
              G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_IMAGE,
AtkImage)
#define ATK_IMPLEMENTOR(obj)     \
                                 G_TYPE_CHECK_INSTANCE_CAST    ((obj),
ATK_TYPE_IMPLEMENTOR, \
        AtkImplementor)
#define ATK_SELECTION(obj)       \
          G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_SELECTION,
AtkSelection)
#define ATK_STREAMABLE_CONTENT(obj)      \
                                 G_TYPE_CHECK_INSTANCE_CAST    ((obj),
ATK_TYPE_STREAMABLE_CONTENT, \
        AtkStreamableContent)
#define ATK_TABLE(obj)   \
              G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_TABLE,
AtkTable)
#define ATK_TEXT(obj)    \
               G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_TEXT,
AtkText)
#define ATK_UTIL(obj)    \
               G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_UTIL,
AtkUtil)
#define ATK_VALUE(obj)   \
              G_TYPE_CHECK_INSTANCE_CAST ((obj), ATK_TYPE_VALUE,
AtkValue)
#define ATK_IS_ACTION(obj)       \
        G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_ACTION)
#define ATK_IS_COMPONENT(obj)    \
        G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_COMPONENT)
#define ATK_IS_DOCUMENT(obj)     \
        G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_DOCUMENT)
#define ATK_IS_EDITABLE_TEXT(obj)        \
                                 G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
ATK_TYPE_EDITABLE_TEXT)
#define ATK_IS_HYPERTEXT(obj)    \
        G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_HYPERTEXT)
#define ATK_IS_IMAGE(obj)        \
        G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_IMAGE)
#define ATK_IS_IMPLEMENTOR(obj)  \
        G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_IMPLEMENTOR)
#define ATK_IS_SELECTION(obj)    \
```

 © 2008 Linux Foundation

```
        G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_SELECTION)
#define ATK_IS_STREAMABLE_CONTENT(obj)   \
                              G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
ATK_TYPE_STREAMABLE_CONTENT)
#define ATK_IS_TABLE(obj)        \
        G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_TABLE)
#define ATK_IS_VALUE(obj)        \
        G_TYPE_CHECK_INSTANCE_TYPE ((obj), ATK_TYPE_VALUE)
#define ATK_TYPE_ACTION (atk_action_get_type ())
#define ATK_TYPE_COMPONENT      (atk_component_get_type ())
#define ATK_TYPE_DOCUMENT       (atk_document_get_type ())
#define ATK_TYPE_EDITABLE_TEXT  (atk_editable_text_get_type ())
#define                                 ATK_TYPE_GOBJECT_ACCESSIBLE
(atk_gobject_accessible_get_type ())
#define ATK_TYPE_HYPERLINK      (atk_hyperlink_get_type ())
#define ATK_TYPE_HYPERTEXT      (atk_hypertext_get_type ())
#define ATK_TYPE_IMAGE  (atk_image_get_type ())
#define ATK_TYPE_IMPLEMENTOR    (atk_implementor_get_type ())
#define ATK_TYPE_NO_OP_OBJECT   (atk_no_op_object_get_type ())
#define ATK_TYPE_OBJECT_FACTORY (atk_object_factory_get_type ())
#define ATK_TYPE_OBJECT (atk_object_get_type ())
#define ATK_TYPE_RECTANGLE      (atk_rectangle_get_type ())
#define ATK_TYPE_REGISTRY       (atk_registry_get_type ())
#define ATK_TYPE_RELATION       (atk_relation_get_type ())
#define ATK_TYPE_RELATION_SET   (atk_relation_set_get_type ())
#define ATK_TYPE_SELECTION      (atk_selection_get_type ())
#define ATK_TYPE_STATE_SET      (atk_state_set_get_type ())
#define                                 ATK_TYPE_STREAMABLE_CONTENT
(atk_streamable_content_get_type ())
#define ATK_TYPE_TABLE  (atk_table_get_type ())
#define ATK_TYPE_TEXT   (atk_text_get_type ())
#define ATK_TYPE_UTIL   (atk_util_get_type ())
#define ATK_TYPE_VALUE  (atk_value_get_type ())
#define  ATK_IS_TEXT(obj)               G_TYPE_CHECK_INSTANCE_TYPE
((obj), ATK_TYPE_TEXT)
#define  ATK_IS_UTIL(obj)               G_TYPE_CHECK_INSTANCE_TYPE
((obj), ATK_TYPE_UTIL)

typedef struct _AtkText AtkText;
typedef struct _AtkObject {
    GObject parent;
    gchar *description;
    gchar *name;
    AtkObject *accessible_parent;
    AtkRole role;
    AtkRelationSet *relation_set;
    AtkLayer layer;
} AtkObject;
typedef enum {
    ATK_ROLE_INVALID = 0,
    ATK_ROLE_ACCEL_LABEL = 1,
    ATK_ROLE_ALERT = 2,
    ATK_ROLE_ANIMATION = 3,
    ATK_ROLE_ARROW = 4,
    ATK_ROLE_CALENDAR = 5,
    ATK_ROLE_CANVAS = 6,
    ATK_ROLE_CHECK_BOX = 7,
    ATK_ROLE_CHECK_MENU_ITEM = 8,
    ATK_ROLE_COLOR_CHOOSER = 9,
    ATK_ROLE_COLUMN_HEADER = 10,
    ATK_ROLE_COMBO_BOX = 11,
    ATK_ROLE_DATE_EDITOR = 12,
    ATK_ROLE_DESKTOP_ICON = 13,
    ATK_ROLE_DESKTOP_FRAME = 14,
    ATK_ROLE_DIAL = 15,
    ATK_ROLE_DIALOG = 16,
```

```
    ATK_ROLE_DIRECTORY_PANE = 17,
    ATK_ROLE_DRAWING_AREA = 18,
    ATK_ROLE_FILE_CHOOSER = 19,
    ATK_ROLE_FILLER = 20,
    ATK_ROLE_FONT_CHOOSER = 21,
    ATK_ROLE_FRAME = 22,
    ATK_ROLE_GLASS_PANE = 23,
    ATK_ROLE_HTML_CONTAINER = 24,
    ATK_ROLE_ICON = 25,
    ATK_ROLE_IMAGE = 26,
    ATK_ROLE_INTERNAL_FRAME = 27,
    ATK_ROLE_LABEL = 28,
    ATK_ROLE_LAYERED_PANE = 29,
    ATK_ROLE_LIST = 30,
    ATK_ROLE_LIST_ITEM = 31,
    ATK_ROLE_MENU = 32,
    ATK_ROLE_MENU_BAR = 33,
    ATK_ROLE_MENU_ITEM = 34,
    ATK_ROLE_OPTION_PANE = 35,
    ATK_ROLE_PAGE_TAB = 36,
    ATK_ROLE_PAGE_TAB_LIST = 37,
    ATK_ROLE_PANEL = 38,
    ATK_ROLE_PASSWORD_TEXT = 39,
    ATK_ROLE_POPUP_MENU = 40,
    ATK_ROLE_PROGRESS_BAR = 41,
    ATK_ROLE_PUSH_BUTTON = 42,
    ATK_ROLE_RADIO_BUTTON = 43,
    ATK_ROLE_RADIO_MENU_ITEM = 44,
    ATK_ROLE_ROOT_PANE = 45,
    ATK_ROLE_ROW_HEADER = 46,
    ATK_ROLE_SCROLL_BAR = 47,
    ATK_ROLE_SCROLL_PANE = 48,
    ATK_ROLE_SEPARATOR = 49,
    ATK_ROLE_SLIDER = 50,
    ATK_ROLE_SPLIT_PANE = 51,
    ATK_ROLE_SPIN_BUTTON = 52,
    ATK_ROLE_STATUSBAR = 53,
    ATK_ROLE_TABLE = 54,
    ATK_ROLE_TABLE_CELL = 55,
    ATK_ROLE_TABLE_COLUMN_HEADER = 56,
    ATK_ROLE_TABLE_ROW_HEADER = 57,
    ATK_ROLE_TEAR_OFF_MENU_ITEM = 58,
    ATK_ROLE_TERMINAL = 59,
    ATK_ROLE_TEXT = 60,
    ATK_ROLE_TOGGLE_BUTTON = 61,
    ATK_ROLE_TOOL_BAR = 62,
    ATK_ROLE_TOOL_TIP = 63,
    ATK_ROLE_TREE = 64,
    ATK_ROLE_TREE_TABLE = 65,
    ATK_ROLE_UNKNOWN = 66,
    ATK_ROLE_VIEWPORT = 67,
    ATK_ROLE_WINDOW = 68,
    ATK_ROLE_HEADER = 69,
    ATK_ROLE_FOOTER = 70,
    ATK_ROLE_PARAGRAPH = 71,
    ATK_ROLE_RULER = 72,
    ATK_ROLE_APPLICATION = 73,
    ATK_ROLE_AUTOCOMPLETE = 74,
    ATK_ROLE_EDITBAR = 75,
    ATK_ROLE_EMBEDDED = 76,
    ATK_ROLE_LAST_DEFINED = 77
} AtkRole;
typedef struct _AtkRelationSet {
    GObject parent;
    GPtrArray *relations;
} AtkRelationSet;
```

 © 2008 Linux Foundation

```
typedef enum {
    ATK_LAYER_INVALID = 0,
    ATK_LAYER_BACKGROUND = 1,
    ATK_LAYER_CANVAS = 2,
    ATK_LAYER_WIDGET = 3,
    ATK_LAYER_MDI = 4,
    ATK_LAYER_POPUP = 5,
    ATK_LAYER_OVERLAY = 6,
    ATK_LAYER_WINDOW = 7
} AtkLayer;
typedef struct _AtkPropertyValues {
    const gchar *property_name;
    GValue old_value;
    GValue new_value;
} AtkPropertyValues;
typedef void (*AtkPropertyChangeHandler) (AtkObject *,
                                          AtkPropertyValues *);
typedef struct _AtkImage AtkImage;
typedef enum {
    ATK_XY_SCREEN = 0,
    ATK_XY_WINDOW = 1
} AtkCoordType;
typedef enum {
    ATK_RELATION_NULL = 0,
    ATK_RELATION_CONTROLLED_BY = 1,
    ATK_RELATION_CONTROLLER_FOR = 2,
    ATK_RELATION_LABEL_FOR = 3,
    ATK_RELATION_LABELLED_BY = 4,
    ATK_RELATION_MEMBER_OF = 5,
    ATK_RELATION_NODE_CHILD_OF = 6,
    ATK_RELATION_FLOWS_TO = 7,
    ATK_RELATION_FLOWS_FROM = 8,
    ATK_RELATION_SUBWINDOW_OF = 9,
    ATK_RELATION_EMBEDS = 10,
    ATK_RELATION_EMBEDDED_BY = 11,
    ATK_RELATION_POPUP_FOR = 12,
    ATK_RELATION_PARENT_WINDOW_OF = 13,
    ATK_RELATION_LAST_DEFINED = 14
} AtkRelationType;
typedef struct _AtkRelation {
    GObject parent;
    GPtrArray *target;
    AtkRelationType relationship;
} AtkRelation;
typedef struct _AtkDocument AtkDocument;
typedef struct _AtkTable AtkTable;
typedef struct _AtkHyperlink {
    GObject parent;
} AtkHyperlink;
typedef struct _AtkStateSet {
    GObject parent;
} AtkStateSet;
typedef struct _AtkObjectFactory {
    GObject parent;
} AtkObjectFactory;
typedef struct _AtkRegistry {
    GObject parent;
    GHashTable *factory_type_registry;
    GHashTable *factory_singleton_cache;
} AtkRegistry;
typedef struct _AtkEditableText AtkEditableText;
typedef GSList AtkAttributeSet;
typedef struct _AtkHypertext AtkHypertext;
typedef struct _AtkSelection AtkSelection;
typedef struct _AtkAction AtkAction;
typedef struct _AtkComponent AtkComponent;
```

```
typedef struct _AtkValue AtkValue;
typedef struct _AtkStreamableContent AtkStreamableContent;
typedef void (*AtkEventListenerInit) (void);
typedef enum {
    ATK_TEXT_ATTR_INVALID = 0,
    ATK_TEXT_ATTR_LEFT_MARGIN = 1,
    ATK_TEXT_ATTR_RIGHT_MARGIN = 2,
    ATK_TEXT_ATTR_INDENT = 3,
    ATK_TEXT_ATTR_INVISIBLE = 4,
    ATK_TEXT_ATTR_EDITABLE = 5,
    ATK_TEXT_ATTR_PIXELS_ABOVE_LINES = 6,
    ATK_TEXT_ATTR_PIXELS_BELOW_LINES = 7,
    ATK_TEXT_ATTR_PIXELS_INSIDE_WRAP = 8,
    ATK_TEXT_ATTR_BG_FULL_HEIGHT = 9,
    ATK_TEXT_ATTR_RISE = 10,
    ATK_TEXT_ATTR_UNDERLINE = 11,
    ATK_TEXT_ATTR_STRIKETHROUGH = 12,
    ATK_TEXT_ATTR_SIZE = 13,
    ATK_TEXT_ATTR_SCALE = 14,
    ATK_TEXT_ATTR_WEIGHT = 15,
    ATK_TEXT_ATTR_LANGUAGE = 16,
    ATK_TEXT_ATTR_FAMILY_NAME = 17,
    ATK_TEXT_ATTR_BG_COLOR = 18,
    ATK_TEXT_ATTR_FG_COLOR = 19,
    ATK_TEXT_ATTR_BG_STIPPLE = 20,
    ATK_TEXT_ATTR_FG_STIPPLE = 21,
    ATK_TEXT_ATTR_WRAP_MODE = 22,
    ATK_TEXT_ATTR_DIRECTION = 23,
    ATK_TEXT_ATTR_JUSTIFICATION = 24,
    ATK_TEXT_ATTR_STRETCH = 25,
    ATK_TEXT_ATTR_VARIANT = 26,
    ATK_TEXT_ATTR_STYLE = 27,
    ATK_TEXT_ATTR_LAST_DEFINED = 28
} AtkTextAttribute;
typedef enum {
    ATK_TEXT_BOUNDARY_CHAR = 0,
    ATK_TEXT_BOUNDARY_WORD_START = 1,
    ATK_TEXT_BOUNDARY_WORD_END = 2,
    ATK_TEXT_BOUNDARY_SENTENCE_START = 3,
    ATK_TEXT_BOUNDARY_SENTENCE_END = 4,
    ATK_TEXT_BOUNDARY_LINE_START = 5,
    ATK_TEXT_BOUNDARY_LINE_END = 6
} AtkTextBoundary;
typedef enum {
    ATK_STATE_INVALID = 0,
    ATK_STATE_ACTIVE = 1,
    ATK_STATE_ARMED = 2,
    ATK_STATE_BUSY = 3,
    ATK_STATE_CHECKED = 4,
    ATK_STATE_DEFUNCT = 5,
    ATK_STATE_EDITABLE = 6,
    ATK_STATE_ENABLED = 7,
    ATK_STATE_EXPANDABLE = 8,
    ATK_STATE_EXPANDED = 9,
    ATK_STATE_FOCUSABLE = 10,
    ATK_STATE_FOCUSED = 11,
    ATK_STATE_HORIZONTAL = 12,
    ATK_STATE_ICONIFIED = 13,
    ATK_STATE_MODAL = 14,
    ATK_STATE_MULTI_LINE = 15,
    ATK_STATE_MULTISELECTABLE = 16,
    ATK_STATE_OPAQUE = 17,
    ATK_STATE_PRESSED = 18,
    ATK_STATE_RESIZABLE = 19,
    ATK_STATE_SELECTABLE = 20,
    ATK_STATE_SELECTED = 21,
```

 © 2008 Linux Foundation

```
    ATK_STATE_SENSITIVE = 22,
    ATK_STATE_SHOWING = 23,
    ATK_STATE_SINGLE_LINE = 24,
    ATK_STATE_STALE = 25,
    ATK_STATE_TRANSIENT = 26,
    ATK_STATE_VERTICAL = 27,
    ATK_STATE_VISIBLE = 28,
    ATK_STATE_MANAGES_DESCENDANTS = 29,
    ATK_STATE_INDETERMINATE = 30,
    ATK_STATE_TRUNCATED = 31,
    ATK_STATE_LAST_DEFINED = 32
} AtkStateType;
typedef struct _AtkGObjectAccessible {
    AtkObject parent;
} AtkGObjectAccessible;
typedef guint64 AtkState;
typedef void (*AtkFocusHandler) (AtkObject *, gboolean);
typedef struct _AtkKeyEventStruct {
    gint type;
    guint state;
    guint keyval;
    gint length;
    gchar *string;
    guint16 keycode;
    guint32 timestamp;
} AtkKeyEventStruct;
typedef gint(*AtkKeySnoopFunc) (AtkKeyEventStruct *, gpointer);
typedef struct _AtkTextRectangle {
    gint x;
    gint y;
    gint width;
    gint height;
} AtkTextRectangle;
typedef struct _AtkTextRange {
    AtkTextRectangle bounds;
    gint start_offset;
    gint end_offset;
    gchar *content;
} AtkTextRange;
typedef enum {
    ATK_TEXT_CLIP_NONE = 0,
    ATK_TEXT_CLIP_MIN = 1,
    ATK_TEXT_CLIP_MAX = 2,
    ATK_TEXT_CLIP_BOTH = 3
} AtkTextClipType;
typedef struct _AtkImplementor AtkImplementor;
typedef void (*AtkEventListener) (AtkObject *);
typedef gboolean(*AtkFunction) (gpointer);
typedef struct _AtkImplementorIface {
    GTypeInterface parent;
    AtkObject *(*ref_accessible) (AtkImplementor *);
} AtkImplementorIface;
typedef struct _AtkRegistryClass {
    GObjectClass parent_class;
} AtkRegistryClass;
typedef struct _AtkHypertextIface {
    GTypeInterface parent;
    AtkHyperlink *(*get_link) (AtkHypertext *, gint);
     gint(*get_n_links) (AtkHypertext *);
     gint(*get_link_index) (AtkHypertext *, gint);
    void (*link_selected) (AtkHypertext *, gint);
    AtkFunction pad1;
    AtkFunction pad2;
    AtkFunction pad3;
} AtkHypertextIface;
typedef struct _AtkStreamableContentIface {
```

```
    GTypeInterface parent;
     gint(*get_n_mime_types) (AtkStreamableContent *);
    const gchar *(*get_mime_type) (AtkStreamableContent *, gint);
       GIOChannel  *(*get_stream)  (AtkStreamableContent  *,  const
gchar *);
    AtkFunction pad1;
    AtkFunction pad2;
    AtkFunction pad3;
    AtkFunction pad4;
} AtkStreamableContentIface;
typedef struct _AtkRectangle {
    gint x;
    gint y;
    gint width;
    gint height;
} AtkRectangle;
typedef struct _AtkStateSetClass {
    GObjectClass parent;
} AtkStateSetClass;
typedef struct _AtkAttribute {
    gchar *name;
    gchar *value;
} AtkAttribute;
typedef struct _AtkObjectClass {
    GObjectClass parent;
    const gchar *(*get_name) (AtkObject *);
    const gchar *(*get_description) (AtkObject *);
    AtkObject *(*get_parent) (AtkObject *);
     gint(*get_n_children) (AtkObject *);
    AtkObject *(*ref_child) (AtkObject *, gint);
     gint(*get_index_in_parent) (AtkObject *);
    AtkRelationSet *(*ref_relation_set) (AtkObject *);
     AtkRole(*get_role) (AtkObject *);
     AtkLayer(*get_layer) (AtkObject *);
     gint(*get_mdi_zorder) (AtkObject *);
    AtkStateSet *(*ref_state_set) (AtkObject *);
    void (*set_name) (AtkObject *, const gchar *);
    void (*set_description) (AtkObject *, const gchar *);
    void (*set_parent) (AtkObject *, AtkObject *);
    void (*set_role) (AtkObject *, AtkRole);
     guint(*connect_property_change_handler) (AtkObject *,
                                              AtkPropertyChangeHa
ndler *);
    void (*remove_property_change_handler) (AtkObject *, guint);
    void (*initialize) (AtkObject *, gpointer);
    void (*children_changed) (AtkObject *, guint, gpointer);
    void (*focus_event) (AtkObject *, gboolean);
    void (*property_change) (AtkObject *, AtkPropertyValues *);
    void (*state_change) (AtkObject *, const gchar *, gboolean);
    void (*visible_data_changed) (AtkObject *);
    void (*active_descendant_changed) (AtkObject *, gpointer *);
    AtkFunction pad1;
    AtkFunction pad2;
    AtkFunction pad3;
} AtkObjectClass;
typedef struct _AtkGObjectAccessibleClass {
    AtkObjectClass parent_class;
    AtkFunction pad1;
    AtkFunction pad2;
} AtkGObjectAccessibleClass;
typedef struct _AtkObjectFactoryClass {
    GObjectClass parent_class;
    AtkObject *(*create_accessible) (GObject *);
    void (*invalidate) (AtkObjectFactory *);
     GType(*get_accessible_type) (void);
    AtkFunction pad1;
```

 © 2008 Linux Foundation

```
    AtkFunction pad2;
} AtkObjectFactoryClass;
typedef struct _AtkNoOpObjectFactoryClass {
    AtkObjectFactoryClass parent_class;
} AtkNoOpObjectFactoryClass;
typedef struct _AtkActionIface {
    GTypeInterface parent;
     gboolean(*do_action) (AtkAction *, gint);
     gint(*get_n_actions) (AtkAction *);
    const gchar *(*get_description) (AtkAction *, gint);
    const gchar *(*get_name) (AtkAction *, gint);
    const gchar *(*get_keybinding) (AtkAction *, gint);
      gboolean(*set_description) (AtkAction *, gint, const gchar
*);
    const gchar *(*get_localized_name) (AtkAction *, gint);
    AtkFunction pad2;
} AtkActionIface;
typedef struct _AtkTableIface {
    GTypeInterface parent;
    AtkObject *(*ref_at) (AtkTable *, gint, gint);
     gint(*get_index_at) (AtkTable *, gint, gint);
     gint(*get_column_at_index) (AtkTable *, gint);
     gint(*get_row_at_index) (AtkTable *, gint);
     gint(*get_n_columns) (AtkTable *);
     gint(*get_n_rows) (AtkTable *);
     gint(*get_column_extent_at) (AtkTable *, gint, gint);
     gint(*get_row_extent_at) (AtkTable *, gint, gint);
    AtkObject *(*get_caption) (AtkTable *);
    const gchar *(*get_column_description) (AtkTable *, gint);
    AtkObject *(*get_column_header) (AtkTable *, gint);
    const gchar *(*get_row_description) (AtkTable *, gint);
    AtkObject *(*get_row_header) (AtkTable *, gint);
    AtkObject *(*get_summary) (AtkTable *);
    void (*set_caption) (AtkTable *, AtkObject *);
     void (*set_column_description) (AtkTable *, gint, const gchar
*);
    void (*set_column_header) (AtkTable *, gint, AtkObject *);
      void (*set_row_description) (AtkTable *, gint, const gchar
*);
    void (*set_row_header) (AtkTable *, gint, AtkObject *);
    void (*set_summary) (AtkTable *, AtkObject *);
     gint(*get_selected_columns) (AtkTable *, gint * *);
     gint(*get_selected_rows) (AtkTable *, gint * *);
     gboolean(*is_column_selected) (AtkTable *, gint);
     gboolean(*is_row_selected) (AtkTable *, gint);
     gboolean(*is_selected) (AtkTable *, gint, gint);
     gboolean(*add_row_selection) (AtkTable *, gint);
     gboolean(*remove_row_selection) (AtkTable *, gint);
     gboolean(*add_column_selection) (AtkTable *, gint);
     gboolean(*remove_column_selection) (AtkTable *, gint);
    void (*row_inserted) (AtkTable *, gint, gint);
    void (*column_inserted) (AtkTable *, gint, gint);
    void (*row_deleted) (AtkTable *, gint, gint);
    void (*column_deleted) (AtkTable *, gint, gint);
    void (*row_reordered) (AtkTable *);
    void (*column_reordered) (AtkTable *);
    void (*model_changed) (AtkTable *);
    AtkFunction pad1;
    AtkFunction pad2;
    AtkFunction pad3;
    AtkFunction pad4;
} AtkTableIface;
typedef struct _AtkValueIface {
    GTypeInterface parent;
    void (*get_current_value) (AtkValue *, GValue *);
    void (*get_maximum_value) (AtkValue *, GValue *);
```

```
    void (*get_minimum_value) (AtkValue *, GValue *);
     gboolean(*set_current_value) (AtkValue *, const GValue *);
    AtkFunction pad1;
    AtkFunction pad2;
} AtkValueIface;
typedef struct _AtkRelationClass {
    GObjectClass parent;
} AtkRelationClass;
typedef struct _AtkTextIface {
    GTypeInterface parent;
    gchar *(*get_text) (AtkText *, gint, gint);
          gchar   *(*get_text_after_offset)   (AtkText   *,   gint,
AtkTextBoundary,
                                        gint *, gint *);
           gchar   *(*get_text_at_offset)   (AtkText   *,   gint,
AtkTextBoundary, gint *,
                                    gint *);
     gunichar(*get_character_at_offset) (AtkText *, gint);
          gchar   *(*get_text_before_offset)   (AtkText   *,   gint,
AtkTextBoundary,
                                      gint *, gint *);
     gint(*get_caret_offset) (AtkText *);
    AtkAttributeSet *(*get_run_attributes) (AtkText *, gint, gint
*,
                                            gint *);
    AtkAttributeSet *(*get_default_attributes) (AtkText *);
     void (*get_character_extents) (AtkText *, gint, gint *, gint
*, gint *,
                                    gint *, AtkCoordType);
     gint(*get_character_count) (AtkText *);
           gint(*get_offset_at_point)   (AtkText   *,   gint,   gint,
AtkCoordType);
     gint(*get_n_selections) (AtkText *);
    gchar *(*get_selection) (AtkText *, gint, gint *, gint *);
     gboolean(*add_selection) (AtkText *, gint, gint);
     gboolean(*remove_selection) (AtkText *, gint);
     gboolean(*set_selection) (AtkText *, gint, gint, gint);
     gboolean(*set_caret_offset) (AtkText *, gint);
    void (*text_changed) (AtkText *, gint, gint);
    void (*text_caret_moved) (AtkText *, gint);
    void (*text_selection_changed) (AtkText *);
    void (*text_attributes_changed) (AtkText *);
          void   (*get_range_extents)   (AtkText   *,   gint,   gint,
AtkCoordType,
                                AtkTextRectangle *);
            AtkTextRange   **(*get_bounded_ranges)   (AtkText   *,
AtkTextRectangle *,
                                                    AtkCoordType,
AtkTextClipType,
                                            AtkTextClipType);
    AtkFunction pad4;
} AtkTextIface;
typedef struct _AtkRelationSetClass {
    GObjectClass parent;
    AtkFunction pad1;
    AtkFunction pad2;
} AtkRelationSetClass;
typedef struct _AtkSelectionIface {
    GTypeInterface parent;
     gboolean(*add_selection) (AtkSelection *, gint);
     gboolean(*clear_selection) (AtkSelection *);
    AtkObject *(*ref_selection) (AtkSelection *, gint);
     gint(*get_selection_count) (AtkSelection *);
     gboolean(*is_child_selected) (AtkSelection *, gint);
     gboolean(*remove_selection) (AtkSelection *, gint);
     gboolean(*select_all_selection) (AtkSelection *);
```

 © 2008 Linux Foundation

```
    void (*selection_changed) (AtkSelection *);
    AtkFunction pad1;
    AtkFunction pad2;
} AtkSelectionIface;
typedef struct _AtkUtilClass {
    GObjectClass parent;
     guint(*add_global_event_listener) (GSignalEmissionHook,
                                        const gchar *);
    void (*remove_global_event_listener) (guint);
     guint(*add_key_event_listener) (AtkKeySnoopFunc, gpointer);
    void (*remove_key_event_listener) (guint);
    AtkObject *(*get_root) (void);
    const gchar *(*get_toolkit_name) (void);
    const gchar *(*get_toolkit_version) (void);
} AtkUtilClass;
typedef struct _AtkNoOpObjectClass {
    AtkObjectClass parent_class;
} AtkNoOpObjectClass;
typedef struct _AtkImageIface {
    GTypeInterface parent;
      void (*get_image_position) (AtkImage *, gint *, gint *,
AtkCoordType);
    const gchar *(*get_image_description) (AtkImage *);
    void (*get_image_size) (AtkImage *, gint *, gint *);
       gboolean(*set_image_description) (AtkImage *, const gchar
*);
    AtkFunction pad1;
    AtkFunction pad2;
} AtkImageIface;
typedef struct _AtkComponentIface {
    GTypeInterface parent;
     guint(*add_focus_handler) (AtkComponent *, AtkFocusHandler);
            gboolean(*contains)  (AtkComponent  *,  gint,  gint,
AtkCoordType);
     AtkObject *(*ref_accessible_at_point) (AtkComponent *, gint,
gint,
                                            AtkCoordType);
     void (*get_extents) (AtkComponent *, gint *, gint *, gint *,
gint *,
                          AtkCoordType);
       void  (*get_position)  (AtkComponent  *,  gint  *,  gint  *,
AtkCoordType);
    void (*get_size) (AtkComponent *, gint *, gint *);
     gboolean(*grab_focus) (AtkComponent *);
    void (*remove_focus_handler) (AtkComponent *, guint);
       gboolean(*set_extents) (AtkComponent *, gint, gint, gint,
gint,
                               AtkCoordType);
          gboolean(*set_position)  (AtkComponent  *,  gint,  gint,
AtkCoordType);
     gboolean(*set_size) (AtkComponent *, gint, gint);
     AtkLayer(*get_layer) (AtkComponent *);
     gint(*get_mdi_zorder) (AtkComponent *);
    void (*bounds_changed) (AtkComponent *, AtkRectangle *);
    AtkFunction pad2;
} AtkComponentIface;
typedef struct _AtkEditableTextIface {
    GTypeInterface parent_interface;
             gboolean(*set_run_attributes)  (AtkEditableText  *,
AtkAttributeSet *,
                                     gint, gint);
    void (*set_text_contents) (AtkEditableText *, const gchar *);
     void (*insert_text) (AtkEditableText *, const gchar *, gint,
gint *);
    void (*copy_text) (AtkEditableText *, gint, gint);
    void (*cut_text) (AtkEditableText *, gint, gint);
```

```
    void (*delete_text) (AtkEditableText *, gint, gint);
    void (*paste_text) (AtkEditableText *, gint);
    AtkFunction pad1;
    AtkFunction pad2;
} AtkEditableTextIface;
typedef struct _AtkDocumentIface {
    GTypeInterface parent;
    const gchar *(*get_document_type) (AtkDocument *);
     gpointer(*get_document) (AtkDocument *);
    AtkFunction pad1;
    AtkFunction pad2;
    AtkFunction pad3;
    AtkFunction pad4;
    AtkFunction pad5;
    AtkFunction pad6;
    AtkFunction pad7;
    AtkFunction pad8;
} AtkDocumentIface;
typedef struct _AtkHyperlinkClass {
    GObjectClass parent;
    gchar *(*get_uri) (AtkHyperlink *, gint);
    AtkObject *(*get_object) (AtkHyperlink *, gint);
     gint(*get_end_index) (AtkHyperlink *);
     gint(*get_start_index) (AtkHyperlink *);
     gboolean(*is_valid) (AtkHyperlink *);
     gint(*get_n_anchors) (AtkHyperlink *);
     guint(*link_state) (AtkHyperlink *);
     gboolean(*is_selected_link) (AtkHyperlink *);
    void (*link_activated) (AtkHyperlink *);
    AtkFunction pad1;
} AtkHyperlinkClass;
typedef enum {
    ATK_KEY_EVENT_PRESS,
    ATK_KEY_EVENT_RELEASE,
    ATK_KEY_EVENT_LAST_DEFINED
} AtkKeyEventType;
typedef struct _AtkUtil {
    GObject parent;
} AtkUtil;
typedef enum {
    ATK_HYPERLINK_IS_INLINE = 1 << 0
} AtkHyperlinkStateFlags;
typedef struct _AtkNoOpObjectFactory {
    AtkObjectFactory parent;
} AtkNoOpObjectFactory;
typedef struct _AtkNoOpObject {
    AtkObject parent;
} AtkNoOpObject;
extern gboolean atk_action_do_action(AtkAction * action, gint i);
extern   const   gchar   *atk_action_get_description(AtkAction   *
action, gint i);
extern const gchar *atk_action_get_keybinding(AtkAction * action,
gint i);
extern  const  gchar  *atk_action_get_localized_name(AtkAction  *
action,
                                                     gint i);
extern gint atk_action_get_n_actions(AtkAction * action);
extern const gchar *atk_action_get_name(AtkAction * action, gint
i);
extern GType atk_action_get_type(void);
extern  gboolean  atk_action_set_description(AtkAction  *  action,
gint i,
                                             const gchar * desc);
extern        guint        atk_add_focus_tracker(AtkEventListener
focus_tracker);
extern   guint   atk_add_global_event_listener(GSignalEmissionHook
```

 © 2008 Linux Foundation

```
listener,
                                                        const gchar *
event_type);
extern guint atk_add_key_event_listener(AtkKeySnoopFunc listener,
                                        gpointer data);
extern void atk_attribute_set_free(AtkAttributeSet * attrib_set);
extern   guint   atk_component_add_focus_handler(AtkComponent   *
component,
                                                    AtkFocusHandler
handler);
extern gboolean atk_component_contains(AtkComponent * component,
gint x,
                                           gint y, AtkCoordType
coord_type);
extern void atk_component_get_extents(AtkComponent * component,
gint * x,
                                      gint * y, gint * width,
                                      gint * height,
                                      AtkCoordType coord_type);
extern     AtkLayer     atk_component_get_layer(AtkComponent     *
component);
extern     gint     atk_component_get_mdi_zorder(AtkComponent     *
component);
extern void atk_component_get_position(AtkComponent * component,
gint * x,
                                           gint * y, AtkCoordType
coord_type);
extern void atk_component_get_size(AtkComponent * component, gint
* width,
                                   gint * height);
extern GType atk_component_get_type(void);
extern     gboolean     atk_component_grab_focus(AtkComponent     *
component);
extern                                                   AtkObject
*atk_component_ref_accessible_at_point(AtkComponent *
                                                         component
, gint x,
                                                        gint y,
                                                         AtkCoordT
ype
                                                         coord_typ
e);
extern   void   atk_component_remove_focus_handler(AtkComponent   *
component,
                                                    guint handler_id);
extern    gboolean    atk_component_set_extents(AtkComponent    *
component, gint x,
                                              gint y, gint width,
gint height,
                                                       AtkCoordType
coord_type);
extern    gboolean    atk_component_set_position(AtkComponent    *
component,
                                           gint x, gint y,
                                                     AtkCoordType
coord_type);
extern gboolean atk_component_set_size(AtkComponent * component,
                                       gint width, gint height);
extern     gpointer     atk_document_get_document(AtkDocument     *
document);
extern const gchar *atk_document_get_document_type(AtkDocument *
document);
extern GType atk_document_get_type(void);
extern void atk_editable_text_copy_text(AtkEditableText * text,
                                            gint start_pos, gint
end_pos);
```

```
extern void atk_editable_text_cut_text(AtkEditableText * text,
                                                gint start_pos, gint
end_pos);
extern void atk_editable_text_delete_text(AtkEditableText * text,
                                                 gint start_pos, gint
end_pos);
extern GType atk_editable_text_get_type(void);
extern void atk_editable_text_insert_text(AtkEditableText * text,
                                             const gchar * string,
                                                  gint length, gint *
position);
extern void atk_editable_text_paste_text(AtkEditableText * text,
                                            gint position);
extern                                                        gboolean
atk_editable_text_set_run_attributes(AtkEditableText *
                                                             text,
                                                              AtkAttribute
Set *
                                                             attrib_set,
                                                                     gint
start_offset,
                                                                     gint
end_offset);
extern void atk_editable_text_set_text_contents(AtkEditableText *
text,
                                                           const gchar *
string);
extern void atk_focus_tracker_init(AtkEventListenerInit init);
extern void atk_focus_tracker_notify(AtkObject * object);
extern AtkRegistry *atk_get_default_registry(void);
extern AtkObject *atk_get_focus_object(void);
extern AtkObject *atk_get_root(void);
extern const gchar *atk_get_toolkit_name(void);
extern const gchar *atk_get_toolkit_version(void);
extern  AtkObject  *atk_gobject_accessible_for_object(GObject  *
obj);
extern                                                          GObject
*atk_gobject_accessible_get_object(AtkGObjectAccessible *
                                                         obj);
extern GType atk_gobject_accessible_get_type(void);
extern gint atk_hyperlink_get_end_index(AtkHyperlink * link_);
extern gint atk_hyperlink_get_n_anchors(AtkHyperlink * link_);
extern AtkObject *atk_hyperlink_get_object(AtkHyperlink * link_,
gint i);
extern gint atk_hyperlink_get_start_index(AtkHyperlink * link_);
extern GType atk_hyperlink_get_type(void);
extern gchar *atk_hyperlink_get_uri(AtkHyperlink * link_, gint
i);
extern gboolean atk_hyperlink_is_inline(AtkHyperlink * link_);
extern  gboolean  atk_hyperlink_is_selected_link(AtkHyperlink  *
link_);
extern gboolean atk_hyperlink_is_valid(AtkHyperlink * link_);
extern   AtkHyperlink   *atk_hypertext_get_link(AtkHypertext   *
hypertext,
                                               gint link_index);
extern    gint    atk_hypertext_get_link_index(AtkHypertext    *
hypertext,
                                            gint char_index);
extern gint atk_hypertext_get_n_links(AtkHypertext * hypertext);
extern GType atk_hypertext_get_type(void);
extern const gchar *atk_image_get_image_description(AtkImage *
image);
extern void atk_image_get_image_position(AtkImage * image, gint *
x,
                                         gint * y,
                                                  AtkCoordType
```

 © 2008 Linux Foundation

```
coord_type);
extern   void   atk_image_get_image_size(AtkImage   *   image,   int
*width,
                                        int *height);
extern GType atk_image_get_type(void);
extern gboolean atk_image_set_image_description(AtkImage * image,
                                                        const gchar *
description);
extern GType atk_implementor_get_type(void);
extern AtkObject *atk_implementor_ref_accessible(AtkImplementor *
                                                    implementor);
extern GType atk_no_op_object_factory_get_type(void);
extern AtkObjectFactory *atk_no_op_object_factory_new(void);
extern GType atk_no_op_object_get_type(void);
extern AtkObject *atk_no_op_object_new(GObject *);
extern gboolean atk_object_add_relationship(AtkObject * object,
                                                     AtkRelationType
relationship,
                                                AtkObject * target);
extern  guint  atk_object_connect_property_change_handler(AtkObject
*
                                                          accessibl
e,
                                                          AtkProper
tyChangeHandler
                                                                  *
handler);
extern                                                     AtkObject
*atk_object_factory_create_accessible(AtkObjectFactory *
                                                        factory,
                                                          GObject *
obj);
extern                                                         GType
atk_object_factory_get_accessible_type(AtkObjectFactory *
                                                       factory);
extern GType atk_object_factory_get_type(void);
extern   void   atk_object_factory_invalidate(AtkObjectFactory   *
factory);
extern   const   gchar   *atk_object_get_description(AtkObject   *
accessible);
extern     gint     atk_object_get_index_in_parent(AtkObject     *
accessible);
extern   gint   atk_object_get_n_accessible_children(AtkObject   *
accessible);
extern const gchar *atk_object_get_name(AtkObject * accessible);
extern AtkObject *atk_object_get_parent(AtkObject * accessible);
extern AtkRole atk_object_get_role(AtkObject * accessible);
extern GType atk_object_get_type(void);
extern   void   atk_object_initialize(AtkObject   *   accessible,
gpointer data);
extern     void     atk_object_notify_state_change(AtkObject     *
accessible,
                                                    AtkState state,
gboolean value);
extern   AtkObject   *atk_object_ref_accessible_child(AtkObject   *
accessible,
                                                   gint i);
extern  AtkRelationSet  *atk_object_ref_relation_set(AtkObject  *
accessible);
extern    AtkStateSet    *atk_object_ref_state_set(AtkObject    *
accessible);
extern void atk_object_remove_property_change_handler(AtkObject *
                                                      accessible,
                                                            guint
handler_id);
extern    gboolean    atk_object_remove_relationship(AtkObject    *
```

```
object,
                                                AtkRelationType
                                                relationship,
                                                       AtkObject *
target);
extern void atk_object_set_description(AtkObject * accessible,
                                                         const gchar *
description);
extern void atk_object_set_name(AtkObject * accessible,
                                const gchar * name);
extern void atk_object_set_parent(AtkObject * accessible,
                                  AtkObject * parent);
extern void atk_object_set_role(AtkObject * accessible, AtkRole
role);
extern GType atk_rectangle_get_type(void);
extern AtkObjectFactory *atk_registry_get_factory(AtkRegistry *
registry,
                                                  GType type);
extern    GType    atk_registry_get_factory_type(AtkRegistry    *
registry,
                                             GType type);
extern GType atk_registry_get_type(void);
extern void atk_registry_set_factory_type(AtkRegistry * registry,
                                          GType type, GType
factory_type);
extern void atk_relation_add_target(AtkRelation *, AtkObject *);
extern AtkRelationType atk_relation_get_relation_type(AtkRelation
*);
extern GPtrArray *atk_relation_get_target(AtkRelation *);
extern GType atk_relation_get_type(void);
extern   AtkRelation   *atk_relation_new(AtkObject   *   *,   gint,
AtkRelationType);
extern void atk_relation_set_add(AtkRelationSet * set,
                                 AtkRelation * relation);
extern void atk_relation_set_add_relation_by_type(AtkRelationSet
* set,
                                                  AtkRelationType
                                                  relationship,
                                                       AtkObject *
target);
extern gboolean atk_relation_set_contains(AtkRelationSet * set,
                                                   AtkRelationType
relationship);
extern   gint   atk_relation_set_get_n_relations(AtkRelationSet   *
set);
extern AtkRelation *atk_relation_set_get_relation(AtkRelationSet
* set,
                                                  gint i);
extern                                                AtkRelation
*atk_relation_set_get_relation_by_type(AtkRelationSet *
                                                      set,
                                                       AtkRela
tionType
                                                       relatio
nship);
extern GType atk_relation_set_get_type(void);
extern AtkRelationSet *atk_relation_set_new(void);
extern void atk_relation_set_remove(AtkRelationSet * set,
                                    AtkRelation * relation);
extern AtkRelationType atk_relation_type_for_name(const gchar *);
extern const gchar *atk_relation_type_get_name(AtkRelationType);
extern AtkRelationType atk_relation_type_register(const gchar *);
extern void atk_remove_focus_tracker(guint tracker_id);
extern void atk_remove_global_event_listener(guint listener_id);
extern void atk_remove_key_event_listener(guint listener_id);
extern AtkRole atk_role_for_name(const gchar * name);
```

 © 2008 Linux Foundation

```
extern const gchar *atk_role_get_localized_name(AtkRole role);
extern const gchar *atk_role_get_name(AtkRole role);
extern AtkRole atk_role_register(const gchar * name);
extern    gboolean    atk_selection_add_selection(AtkSelection    *
selection,
                                                  gint i);
extern   gboolean   atk_selection_clear_selection(AtkSelection   *
selection);
extern   gint   atk_selection_get_selection_count(AtkSelection   *
selection);
extern GType atk_selection_get_type(void);
extern  gboolean  atk_selection_is_child_selected(AtkSelection  *
selection,
                                                   gint i);
extern   AtkObject   *atk_selection_ref_selection(AtkSelection   *
selection,
                                                  gint i);
extern   gboolean   atk_selection_remove_selection(AtkSelection  *
selection,
                                                   gint i);
extern gboolean atk_selection_select_all_selection(AtkSelection *
                                                      selection);
extern gboolean atk_state_set_add_state(AtkStateSet * set,
                                        AtkStateType type);
extern void atk_state_set_add_states(AtkStateSet * set,
                                     AtkStateType * types, gint
n_types);
extern AtkStateSet *atk_state_set_and_sets(AtkStateSet * set,
                                           AtkStateSet *
compare_set);
extern void atk_state_set_clear_states(AtkStateSet * set);
extern gboolean atk_state_set_contains_state(AtkStateSet * set,
                                             AtkStateType type);
extern gboolean atk_state_set_contains_states(AtkStateSet * set,
                                              AtkStateType *
types,
                                              gint n_types);
extern GType atk_state_set_get_type(void);
extern gboolean atk_state_set_is_empty(AtkStateSet * set);
extern AtkStateSet *atk_state_set_new(void);
extern AtkStateSet *atk_state_set_or_sets(AtkStateSet * set,
                                          AtkStateSet *
compare_set);
extern gboolean atk_state_set_remove_state(AtkStateSet * set,
                                           AtkStateType type);
extern AtkStateSet *atk_state_set_xor_sets(AtkStateSet * set,
                                           AtkStateSet *
compare_set);
extern AtkStateType atk_state_type_for_name(const gchar * name);
extern const gchar *atk_state_type_get_name(AtkStateType type);
extern AtkStateType atk_state_type_register(const gchar * name);
extern const gchar
    *atk_streamable_content_get_mime_type(AtkStreamableContent *
                                          streamable, gint i);
extern                                                    gint
atk_streamable_content_get_n_mime_types(AtkStreamableContent *
                                        streamable);
extern                                       GIOChannel
*atk_streamable_content_get_stream(AtkStreamableContent *
                                          streamable,
                                            const gchar
*
                                          mime_type);
extern GType atk_streamable_content_get_type(void);
extern gboolean atk_table_add_column_selection(AtkTable * table,
                                               gint column);
```

```
extern gboolean atk_table_add_row_selection(AtkTable * table,
gint row);
extern AtkObject *atk_table_get_caption(AtkTable * table);
extern gint atk_table_get_column_at_index(AtkTable * table, gint
index_);
extern const gchar *atk_table_get_column_description(AtkTable *
table,
                                                     gint
column);
extern gint atk_table_get_column_extent_at(AtkTable * table, gint
row,
                                           gint column);
extern AtkObject *atk_table_get_column_header(AtkTable * table,
                                              gint column);
extern gint atk_table_get_index_at(AtkTable * table, gint row,
                                   gint column);
extern gint atk_table_get_n_columns(AtkTable * table);
extern gint atk_table_get_n_rows(AtkTable * table);
extern gint atk_table_get_row_at_index(AtkTable * table, gint
index_);
extern const gchar *atk_table_get_row_description(AtkTable *
table,
                                                  gint row);
extern gint atk_table_get_row_extent_at(AtkTable * table, gint
row,
                                        gint column);
extern AtkObject *atk_table_get_row_header(AtkTable * table, gint
row);
extern gint atk_table_get_selected_columns(AtkTable * table,
                                           gint * *selected);
extern gint atk_table_get_selected_rows(AtkTable * table,
                                        gint * *selected);
extern AtkObject *atk_table_get_summary(AtkTable * table);
extern GType atk_table_get_type(void);
extern gboolean atk_table_is_column_selected(AtkTable * table,
                                             gint column);
extern gboolean atk_table_is_row_selected(AtkTable * table, gint
row);
extern gboolean atk_table_is_selected(AtkTable * table, gint row,
                                      gint column);
extern AtkObject *atk_table_ref_at(AtkTable * table, gint row,
                                   gint column);
extern gboolean atk_table_remove_column_selection(AtkTable *
table,
                                                  gint column);
extern gboolean atk_table_remove_row_selection(AtkTable * table,
gint row);
extern void atk_table_set_caption(AtkTable * table, AtkObject *
caption);
extern void atk_table_set_column_description(AtkTable * table,
gint column,
                                             const gchar *
description);
extern void atk_table_set_column_header(AtkTable * table, gint
column,
                                        AtkObject * header);
extern void atk_table_set_row_description(AtkTable * table, gint
row,
                                          const gchar *
description);
extern void atk_table_set_row_header(AtkTable * table, gint row,
                                     AtkObject * header);
extern void atk_table_set_summary(AtkTable * table,
                                  AtkObject * accessible);
extern gboolean atk_text_add_selection(AtkText * text, gint
start_offset,
```

 © 2008 Linux Foundation

```
                                        gint end_offset);
extern AtkTextAttribute atk_text_attribute_for_name(const gchar *
name);
extern const gchar *atk_text_attribute_get_name(AtkTextAttribute
attr);
extern const gchar *atk_text_attribute_get_value(AtkTextAttribute
attr,
                                                 gint index_);
extern AtkTextAttribute atk_text_attribute_register(const gchar *
name);
extern void atk_text_free_ranges(AtkTextRange * *ranges);
extern AtkTextRange **atk_text_get_bounded_ranges(AtkText * text,
                                                  AtkTextRectangl
e * rect,
                                                      AtkCoordType
coord_type,
                                                  AtkTextClipType
                                                  x_clip_type,
                                                  AtkTextClipType
                                                  y_clip_type);
extern gint atk_text_get_caret_offset(AtkText * text);
extern gunichar atk_text_get_character_at_offset(AtkText * text,
                                                 gint offset);
extern gint atk_text_get_character_count(AtkText * text);
extern void atk_text_get_character_extents(AtkText * text, gint
offset,
                                           gint * x, gint * y,
                                             gint * width, gint *
height,
                                           AtkCoordType coords);
extern AtkAttributeSet *atk_text_get_default_attributes(AtkText *
text);
extern gint atk_text_get_n_selections(AtkText * text);
extern gint atk_text_get_offset_at_point(AtkText * text, gint x,
gint y,
                                         AtkCoordType coords);
extern void atk_text_get_range_extents(AtkText * text, gint
start_offset,
                                       gint end_offset,
                                       AtkCoordType coord_type,
                                       AtkTextRectangle * rect);
extern AtkAttributeSet *atk_text_get_run_attributes(AtkText *
text,
                                                    gint offset,
                                                           gint *
start_offset,
                                                           gint *
end_offset);
extern gchar *atk_text_get_selection(AtkText * text, gint
selection_num,
                                     gint * start_offset,
                                     gint * end_offset);
extern gchar *atk_text_get_text(AtkText * text, gint
start_offset,
                                gint end_offset);
extern gchar *atk_text_get_text_after_offset(AtkText * text, gint
offset,
                                                    AtkTextBoundary
boundary_type,
                                                gint * start_offset,
                                                gint * end_offset);
extern gchar *atk_text_get_text_at_offset(AtkText * text, gint
offset,
                                                    AtkTextBoundary
boundary_type,
                                          gint * start_offset,
```

```
                                                gint * end_offset);
extern  gchar  *atk_text_get_text_before_offset(AtkText  *  text,
gint offset,
                                                    AtkTextBoundary
                                                    boundary_type,
                                                                gint *
start_offset,
                                                    gint * end_offset);
extern GType atk_text_get_type(void);
extern gboolean atk_text_remove_selection(AtkText * text,
                                                gint selection_num);
extern  gboolean  atk_text_set_caret_offset(AtkText  *  text,  gint
offset);
extern  gboolean  atk_text_set_selection(AtkText  *  text,  gint
selection_num,
                                                gint start_offset, gint
end_offset);
extern GType atk_util_get_type(void);
extern void atk_value_get_current_value(AtkValue * obj, GValue *
value);
extern void atk_value_get_maximum_value(AtkValue * obj, GValue *
value);
extern void atk_value_get_minimum_value(AtkValue * obj, GValue *
value);
extern GType atk_value_get_type(void);
extern gboolean atk_value_set_current_value(AtkValue * obj,
                                                        const GValue *
value);
```

16.13 Interfaces for libpango-1.0

Table 16-74 defines the library name and shared object name for the libpango-1.0 library

Table 16-74 libpango-1.0 Definition

Library:	libpango-1.0
SONAME:	libpango-1.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Gobject 2.8] Gobject 2.8.6 Reference Manual
[Pango 1.10] Pango 1.10.4 Reference Manual

16.13.1 GTK Internationalized Text Layout and Rendering library

16.13.1.1 Interfaces for GTK Internationalized Text Layout and Rendering library

An LSB conforming implementation shall provide the generic functions for GTK Internationalized Text Layout and Rendering library specified in Table 16-75, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-75 libpango-1.0 - GTK Internationalized Text Layout and Rendering library Function Interfaces

pango_alignment_get_type [Gobject 2.8]	pango_attr_background_new [Pango 1.10]

 © 2008 Linux Foundation

pango_attr_fallback_new [Pango 1.10]	pango_attr_family_new [Pango 1.10]
pango_attr_font_desc_new [Pango 1.10]	pango_attr_foreground_new [Pango 1.10]
pango_attr_iterator_copy [Pango 1.10]	pango_attr_iterator_destroy [Pango 1.10]
pango_attr_iterator_get [Pango 1.10]	pango_attr_iterator_get_attrs [Pango 1.10]
pango_attr_iterator_get_font [Pango 1.10]	pango_attr_iterator_next [Pango 1.10]
pango_attr_iterator_range [Pango 1.10]	pango_attr_language_new [Pango 1.10]
pango_attr_letter_spacing_new [Pango 1.10]	pango_attr_list_change [Pango 1.10]
pango_attr_list_copy [Pango 1.10]	pango_attr_list_filter [Pango 1.10]
pango_attr_list_get_iterator [Pango 1.10]	pango_attr_list_get_type [Gobject 2.8]
pango_attr_list_insert [Pango 1.10]	pango_attr_list_insert_before [Pango 1.10]
pango_attr_list_new [Pango 1.10]	pango_attr_list_ref [Pango 1.10]
pango_attr_list_splice [Pango 1.10]	pango_attr_list_unref [Pango 1.10]
pango_attr_rise_new [Pango 1.10]	pango_attr_scale_new [Pango 1.10]
pango_attr_shape_new [Pango 1.10]	pango_attr_shape_new_with_data [Pango 1.10]
pango_attr_size_new [Pango 1.10]	pango_attr_size_new_absolute [Pango 1.10]
pango_attr_stretch_new [Pango 1.10]	pango_attr_strikethrough_color_new [Pango 1.10]
pango_attr_strikethrough_new [Pango 1.10]	pango_attr_style_new [Pango 1.10]
pango_attr_type_get_type [Gobject 2.8]	pango_attr_type_register [Pango 1.10]
pango_attr_underline_color_new [Pango 1.10]	pango_attr_underline_new [Pango 1.10]
pango_attr_variant_new [Pango 1.10]	pango_attr_weight_new [Pango 1.10]
pango_attribute_copy [Pango 1.10]	pango_attribute_destroy [Pango 1.10]
pango_attribute_equal [Pango 1.10]	pango_break [Pango 1.10]
pango_color_copy [Pango 1.10]	pango_color_free [Pango 1.10]
pango_color_get_type [Gobject 2.8]	pango_color_parse [Pango 1.10]
pango_context_get_base_dir [Pango 1.10]	pango_context_get_font_description [Pango 1.10]
pango_context_get_font_map [Pango 1.10]	pango_context_get_language [Pango 1.10]

pango_context_get_matrix [Pango 1.10]	pango_context_get_metrics [Pango 1.10]
pango_context_get_type [Gobject 2.8]	pango_context_list_families [Pango 1.10]
pango_context_load_font [Pango 1.10]	pango_context_load_fontset [Pango 1.10]
pango_context_set_base_dir [Pango 1.10]	pango_context_set_font_description [Pango 1.10]
pango_context_set_language [Pango 1.10]	pango_context_set_matrix [Pango 1.10]
pango_coverage_from_bytes [Pango 1.10]	pango_coverage_get [Pango 1.10]
pango_coverage_level_get_type [Gobject 2.8]	pango_coverage_max [Pango 1.10]
pango_coverage_new [Pango 1.10]	pango_coverage_ref [Pango 1.10]
pango_coverage_set [Pango 1.10]	pango_coverage_to_bytes [Pango 1.10]
pango_coverage_unref [Pango 1.10]	pango_direction_get_type [Gobject 2.8]
pango_ellipsize_mode_get_type [Gobject 2.8]	pango_find_base_dir [Pango 1.10]
pango_find_paragraph_boundary [Pango 1.10]	pango_font_describe [Pango 1.10]
pango_font_description_better_match [Pango 1.10]	pango_font_description_copy [Pango 1.10]
pango_font_description_copy_static [Pango 1.10]	pango_font_description_equal [Pango 1.10]
pango_font_description_free [Pango 1.10]	pango_font_description_from_string [Pango 1.10]
pango_font_description_get_family [Pango 1.10]	pango_font_description_get_set_fields [Pango 1.10]
pango_font_description_get_size [Pango 1.10]	pango_font_description_get_size_is_absolute [Pango 1.10]
pango_font_description_get_stretch [Pango 1.10]	pango_font_description_get_style [Pango 1.10]
pango_font_description_get_type [Gobject 2.8]	pango_font_description_get_variant [Pango 1.10]
pango_font_description_get_weight [Pango 1.10]	pango_font_description_hash [Pango 1.10]
pango_font_description_merge [Pango 1.10]	pango_font_description_merge_static [Pango 1.10]
pango_font_description_new [Pango 1.10]	pango_font_description_set_absolute_size [Pango 1.10]
pango_font_description_set_family [Pango 1.10]	pango_font_description_set_family_static [Pango 1.10]

© 2008 Linux Foundation

pango_font_description_set_size [Pango 1.10]	pango_font_description_set_stretch [Pango 1.10]
pango_font_description_set_style [Pango 1.10]	pango_font_description_set_variant [Pango 1.10]
pango_font_description_set_weight [Pango 1.10]	pango_font_description_to_filename [Pango 1.10]
pango_font_description_to_string [Pango 1.10]	pango_font_description_unset_fields [Pango 1.10]
pango_font_descriptions_free [Pango 1.10]	pango_font_face_describe [Pango 1.10]
pango_font_face_get_face_name [Pango 1.10]	pango_font_face_get_type [Gobject 2.8]
pango_font_face_list_sizes [Pango 1.10]	pango_font_family_get_name [Pango 1.10]
pango_font_family_get_type [Gobject 2.8]	pango_font_family_is_monospace [Pango 1.10]
pango_font_family_list_faces [Pango 1.10]	pango_font_find_shaper [Pango 1.10]
pango_font_get_coverage [Pango 1.10]	pango_font_get_font_map [Pango 1.10]
pango_font_get_glyph_extents [Pango 1.10]	pango_font_get_metrics [Pango 1.10]
pango_font_get_type [Gobject 2.8]	pango_font_map_get_type [Gobject 2.8]
pango_font_map_list_families [Pango 1.10]	pango_font_map_load_font [Pango 1.10]
pango_font_map_load_fontset [Pango 1.10]	pango_font_mask_get_type [Gobject 2.8]
pango_font_metrics_get_approximate_char_width [Pango 1.10]	pango_font_metrics_get_approximate_digit_width [Pango 1.10]
pango_font_metrics_get_ascent [Pango 1.10]	pango_font_metrics_get_descent [Pango 1.10]
pango_font_metrics_get_strikethrough_position [Pango 1.10]	pango_font_metrics_get_strikethrough_thickness [Pango 1.10]
pango_font_metrics_get_type [Gobject 2.8]	pango_font_metrics_get_underline_position [Pango 1.10]
pango_font_metrics_get_underline_thickness [Pango 1.10]	pango_font_metrics_ref [Pango 1.10]
pango_font_metrics_unref [Pango 1.10]	pango_fontset_foreach [Pango 1.10]
pango_fontset_get_font [Pango 1.10]	pango_fontset_get_metrics [Pango 1.10]
pango_fontset_get_type [Gobject 2.8]	pango_get_log_attrs [Pango 1.10]
pango_glyph_item_apply_attrs [Pango 1.10]	pango_glyph_item_free [Pango 1.10]

pango_glyph_item_letter_space [Pango 1.10]	pango_glyph_item_split [Pango 1.10]
pango_glyph_string_copy [Pango 1.10]	pango_glyph_string_extents [Pango 1.10]
pango_glyph_string_extents_range [Pango 1.10]	pango_glyph_string_free [Pango 1.10]
pango_glyph_string_get_logical_widths [Pango 1.10]	pango_glyph_string_get_type [Gobject 2.8]
pango_glyph_string_index_to_x [Pango 1.10]	pango_glyph_string_new [Pango 1.10]
pango_glyph_string_set_size [Pango 1.10]	pango_glyph_string_x_to_index [Pango 1.10]
pango_is_zero_width [Pango 1.10]	pango_item_copy [Pango 1.10]
pango_item_free [Pango 1.10]	pango_item_new [Pango 1.10]
pango_item_split [Pango 1.10]	pango_itemize [Pango 1.10]
pango_itemize_with_base_dir [Pango 1.10]	pango_language_from_string [Pango 1.10]
pango_language_get_sample_string [Pango 1.10]	pango_language_get_type [Gobject 2.8]
pango_language_includes_script [Pango 1.10]	pango_language_matches [Pango 1.10]
pango_layout_context_changed [Pango 1.10]	pango_layout_copy [Pango 1.10]
pango_layout_get_alignment [Pango 1.10]	pango_layout_get_attributes [Pango 1.10]
pango_layout_get_auto_dir [Pango 1.10]	pango_layout_get_context [Pango 1.10]
pango_layout_get_cursor_pos [Pango 1.10]	pango_layout_get_ellipsize [Pango 1.10]
pango_layout_get_extents [Pango 1.10]	pango_layout_get_font_description [Pango 1.10]
pango_layout_get_indent [Pango 1.10]	pango_layout_get_iter [Pango 1.10]
pango_layout_get_justify [Pango 1.10]	pango_layout_get_line [Pango 1.10]
pango_layout_get_line_count [Pango 1.10]	pango_layout_get_lines [Pango 1.10]
pango_layout_get_log_attrs [Pango 1.10]	pango_layout_get_pixel_extents [Pango 1.10]
pango_layout_get_pixel_size [Pango 1.10]	pango_layout_get_single_paragraph_mode [Pango 1.10]
pango_layout_get_size [Pango 1.10]	pango_layout_get_spacing [Pango 1.10]
pango_layout_get_tabs [Pango 1.10]	pango_layout_get_text [Pango 1.10]
pango_layout_get_type [Gobject 2.8]	pango_layout_get_width [Pango

© 2008 Linux Foundation

	1.10]
pango_layout_get_wrap [Pango 1.10]	pango_layout_index_to_pos [Pango 1.10]
pango_layout_iter_at_last_line [Pango 1.10]	pango_layout_iter_free [Pango 1.10]
pango_layout_iter_get_baseline [Pango 1.10]	pango_layout_iter_get_char_extents [Pango 1.10]
pango_layout_iter_get_cluster_extents [Pango 1.10]	pango_layout_iter_get_index [Pango 1.10]
pango_layout_iter_get_layout_extents [Pango 1.10]	pango_layout_iter_get_line [Pango 1.10]
pango_layout_iter_get_line_extents [Pango 1.10]	pango_layout_iter_get_line_yrange [Pango 1.10]
pango_layout_iter_get_run [Pango 1.10]	pango_layout_iter_get_run_extents [Pango 1.10]
pango_layout_iter_get_type [Gobject 2.8]	pango_layout_iter_next_char [Pango 1.10]
pango_layout_iter_next_cluster [Pango 1.10]	pango_layout_iter_next_line [Pango 1.10]
pango_layout_iter_next_run [Pango 1.10]	pango_layout_line_get_extents [Pango 1.10]
pango_layout_line_get_pixel_extents [Pango 1.10]	pango_layout_line_get_x_ranges [Pango 1.10]
pango_layout_line_index_to_x [Pango 1.10]	pango_layout_line_ref [Pango 1.10]
pango_layout_line_unref [Pango 1.10]	pango_layout_line_x_to_index [Pango 1.10]
pango_layout_move_cursor_visually [Pango 1.10]	pango_layout_new [Pango 1.10]
pango_layout_set_alignment [Pango 1.10]	pango_layout_set_attributes [Pango 1.10]
pango_layout_set_auto_dir [Pango 1.10]	pango_layout_set_ellipsize [Pango 1.10]
pango_layout_set_font_description [Pango 1.10]	pango_layout_set_indent [Pango 1.10]
pango_layout_set_justify [Pango 1.10]	pango_layout_set_markup [Pango 1.10]
pango_layout_set_markup_with_accel [Pango 1.10]	pango_layout_set_single_paragraph_mode [Pango 1.10]
pango_layout_set_spacing [Pango 1.10]	pango_layout_set_tabs [Pango 1.10]
pango_layout_set_text [Pango 1.10]	pango_layout_set_width [Pango 1.10]
pango_layout_set_wrap [Pango 1.10]	pango_layout_xy_to_index [Pango 1.10]

pango_log2vis_get_embedding_levels [Pango 1.10]	pango_matrix_concat [Pango 1.10]
pango_matrix_copy [Pango 1.10]	pango_matrix_free [Pango 1.10]
pango_matrix_get_type [Gobject 2.8]	pango_matrix_rotate [Pango 1.10]
pango_matrix_scale [Pango 1.10]	pango_matrix_translate [Pango 1.10]
pango_parse_markup [Pango 1.10]	pango_parse_stretch [Pango 1.10]
pango_parse_style [Pango 1.10]	pango_parse_variant [Pango 1.10]
pango_parse_weight [Pango 1.10]	pango_read_line [Pango 1.10]
pango_render_part_get_type [Gobject 2.8]	pango_renderer_activate [Pango 1.10]
pango_renderer_deactivate [Pango 1.10]	pango_renderer_draw_error_underline [Pango 1.10]
pango_renderer_draw_glyph [Pango 1.10]	pango_renderer_draw_glyphs [Pango 1.10]
pango_renderer_draw_layout [Pango 1.10]	pango_renderer_draw_layout_line [Pango 1.10]
pango_renderer_draw_rectangle [Pango 1.10]	pango_renderer_draw_trapezoid [Pango 1.10]
pango_renderer_get_color [Pango 1.10]	pango_renderer_get_matrix [Pango 1.10]
pango_renderer_get_type [Gobject 2.8]	pango_renderer_part_changed [Pango 1.10]
pango_renderer_set_color [Pango 1.10]	pango_renderer_set_matrix [Pango 1.10]
pango_reorder_items [Pango 1.10]	pango_scan_int [Pango 1.10]
pango_scan_string [Pango 1.10]	pango_scan_word [Pango 1.10]
pango_script_for_unichar [Pango 1.10]	pango_script_get_sample_language [Pango 1.10]
pango_script_get_type [Gobject 2.8]	pango_script_iter_free [Pango 1.10]
pango_script_iter_get_range [Pango 1.10]	pango_script_iter_new [Pango 1.10]
pango_script_iter_next [Pango 1.10]	pango_shape [Pango 1.10]
pango_skip_space [Pango 1.10]	pango_split_file_list [Pango 1.10]
pango_stretch_get_type [Gobject 2.8]	pango_style_get_type [Gobject 2.8]
pango_tab_align_get_type [Gobject 2.8]	pango_tab_array_copy [Pango 1.10]
pango_tab_array_free [Pango 1.10]	pango_tab_array_get_positions_in_pixels [Pango 1.10]
pango_tab_array_get_size [Pango 1.10]	pango_tab_array_get_tab [Pango 1.10]
pango_tab_array_get_tabs [Pango 1.10]	pango_tab_array_get_type [Gobject 2.8]
pango_tab_array_new [Pango 1.10]	pango_tab_array_new_with_positions [Pango 1.10]

© 2008 Linux Foundation

pango_tab_array_resize [Pango 1.10]	pango_tab_array_set_tab [Pango 1.10]
pango_trim_string [Pango 1.10]	pango_underline_get_type [Gobject 2.8]
pango_unichar_direction [Pango 1.10]	pango_variant_get_type [Gobject 2.8]
pango_weight_get_type [Gobject 2.8]	pango_wrap_mode_get_type [Gobject 2.8]

16.14 Data Definitions for libpango-1.0

This section defines global identifiers and their values that are associated with interfaces contained in libpango-1.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.14.1 pango-1.0/pango/pango-utils.h

```
extern gboolean pango_is_zero_width(gunichar ch);
extern const char *pango_language_get_sample_string(PangoLanguage
*
                                                    language);
extern   gboolean   pango_log2vis_get_embedding_levels(gunichar   *
text,
                                                   gint length,
                                                    PangoDirection
*
                                                         pbase_dir,
guint8 *);
extern gboolean pango_parse_stretch(const char *str,
                                           PangoStretch * stretch,
gboolean warn);
extern gboolean pango_parse_style(const char *str, PangoStyle *
style,
                                  gboolean warn);
extern gboolean pango_parse_variant(const char *str,
                                           PangoVariant * variant,
gboolean warn);
extern gboolean pango_parse_weight(const char *str, PangoWeight *
weight,
                                   gboolean warn);
extern gint pango_read_line(FILE * stream, GString * str);
extern gboolean pango_scan_int(const char **pos, int *out);
extern  gboolean  pango_scan_string(const  char  **pos,  GString  *
out);
extern gboolean pango_scan_word(const char **pos, GString * out);
```

```
extern gboolean pango_skip_space(const char **pos);
extern char **pango_split_file_list(const char *str);
extern char *pango_trim_string(const char *str);
```

16.14.2 pango-1.0/pango/pango.h

```
#define PANGO_CONTEXT_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), PANGO_TYPE_CONTEXT, \
        PangoContextClass))
#define PANGO_LAYOUT_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), PANGO_TYPE_LAYOUT, \
        PangoLayoutClass))
#define PANGO_RENDERER_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), PANGO_TYPE_RENDERER, \
        PangoRendererClass))
#define PANGO_IS_CONTEXT_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), PANGO_TYPE_CONTEXT))
#define PANGO_IS_LAYOUT_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), PANGO_TYPE_LAYOUT))
#define PANGO_IS_RENDERER_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), PANGO_TYPE_RENDERER))
#define PANGO_CONTEXT(object)    \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_CONTEXT, \
        PangoContext))
#define PANGO_FONT(object)       \
          (G_TYPE_CHECK_INSTANCE_CAST ((object), PANGO_TYPE_FONT,
PangoFont))
#define PANGO_FONTSET(object)    \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_FONTSET, \
        PangoFontset))
#define PANGO_FONT_FACE(object)  \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_FONT_FACE, \
        PangoFontFace))
#define PANGO_FONT_FAMILY(object)        \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_FONT_FAMILY, \
        PangoFontFamily))
#define PANGO_FONT_MAP(object)   \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_FONT_MAP, \
        PangoFontMap))
#define PANGO_LAYOUT(object)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((object), PANGO_TYPE_LAYOUT,
\
        PangoLayout))
#define PANGO_RENDERER(object)   \
                          (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_RENDERER, \
        PangoRenderer))
#define PANGO_IS_CONTEXT(object)         \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_CONTEXT))
#define PANGO_IS_FONT(object)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), PANGO_TYPE_FONT))
#define PANGO_IS_FONTSET(object)         \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_FONTSET))
#define PANGO_IS_FONT_FACE(object)       \
                          (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_FONT_FACE))
#define PANGO_IS_FONT_FAMILY(object)     \
```

 © 2008 Linux Foundation

```
                        (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_FONT_FAMILY))
#define PANGO_IS_FONT_MAP(object)        \
                        (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_FONT_MAP))
#define PANGO_IS_LAYOUT(object)  \
                        (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_LAYOUT))
#define PANGO_IS_RENDERER(object)        \
                        (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_RENDERER))
#define PANGO_CONTEXT_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), PANGO_TYPE_CONTEXT, \
        PangoContextClass))
#define PANGO_LAYOUT_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), PANGO_TYPE_LAYOUT, \
        PangoLayoutClass))
#define PANGO_RENDERER_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), PANGO_TYPE_RENDERER, \
        PangoRendererClass))
#define PANGO_PIXELS(d) (((int)(d) + 512) >> 10)
#define  pango_language_to_string(language)          ((const  char
*)language)
#define PANGO_SCALE_XX_SMALL    ((double)0.5787037037037)
#define PANGO_SCALE_X_SMALL     ((double)0.6444444444444)
#define PANGO_SCALE_SMALL       ((double)0.8333333333333)
#define PANGO_SCALE_MEDIUM      ((double)1.0)
#define PANGO_SCALE_LARGE       ((double)1.2)
#define PANGO_SCALE_X_LARGE     ((double)1.4399999999999)
#define PANGO_SCALE_XX_LARGE    ((double)1.728)
#if defined(PANGO_ENABLE_ENGINE) || defined(PANGO_ENABLE_BACKEND)
#define  PANGO_GET_UNKNOWN_GLYPH(wc)           ((PangoGlyph)(wc)|
PANGO_GLYPH_UNKNOWN_FLAG)
#endif
#if defined(PANGO_ENABLE_ENGINE) || defined(PANGO_ENABLE_BACKEND)
#define PANGO_GLYPH_UNKNOWN_FLAG        ((PangoGlyph)0x10000000)
#endif
#define PANGO_RBEARING(rect)    ((rect).x + (rect).width)
#define PANGO_LBEARING(rect)    ((rect).x)
#define PANGO_DESCENT(rect)     ((rect).y + (rect).height)
#define PANGO_ASCENT(rect)      (-(rect).y)
#define PANGO_TYPE_ALIGNMENT    (pango_alignment_get_type())
#define PANGO_TYPE_ATTR_TYPE    (pango_attr_type_get_type())
#define PANGO_TYPE_CONTEXT      (pango_context_get_type ())
#define                                 PANGO_TYPE_COVERAGE_LEVEL
(pango_coverage_level_get_type())
#define PANGO_TYPE_DIRECTION    (pango_direction_get_type())
#define                                 PANGO_TYPE_ELLIPSIZE_MODE
(pango_ellipsize_mode_get_type())
#define PANGO_TYPE_FONTSET      (pango_fontset_get_type ())
#define                                PANGO_TYPE_FONT_DESCRIPTION
(pango_font_description_get_type ())
#define PANGO_TYPE_FONT_FACE    (pango_font_face_get_type ())
#define PANGO_TYPE_FONT_FAMILY  (pango_font_family_get_type ())
#define PANGO_TYPE_FONT (pango_font_get_type ())
#define PANGO_TYPE_FONT_MAP     (pango_font_map_get_type ())
#define PANGO_TYPE_FONT_MASK    (pango_font_mask_get_type())
#define PANGO_TYPE_FONT_METRICS (pango_font_metrics_get_type ())
#define PANGO_TYPE_GLYPH_STRING (pango_glyph_string_get_type ())
#define PANGO_TYPE_LANGUAGE     (pango_language_get_type ())
#define PANGO_TYPE_LAYOUT       (pango_layout_get_type ())
#define PANGO_TYPE_LAYOUT_ITER  (pango_layout_iter_get_type ())
#define PANGO_TYPE_MATRIX       (pango_matrix_get_type ())
#define PANGO_TYPE_RENDERER     (pango_renderer_get_type())
#define PANGO_TYPE_RENDER_PART  (pango_render_part_get_type())
#define PANGO_TYPE_SCRIPT       (pango_script_get_type())
```

```
#define PANGO_TYPE_STRETCH      (pango_stretch_get_type())
#define PANGO_TYPE_STYLE        (pango_style_get_type())
#define PANGO_TYPE_TAB_ALIGN    (pango_tab_align_get_type())
#define PANGO_TYPE_TAB_ARRAY    (pango_tab_array_get_type ())
#define PANGO_TYPE_UNDERLINE    (pango_underline_get_type())
#define PANGO_TYPE_VARIANT      (pango_variant_get_type())
#define PANGO_TYPE_WEIGHT       (pango_weight_get_type())
#define PANGO_TYPE_WRAP_MODE    (pango_wrap_mode_get_type())
#define PANGO_SCALE     1024
#define PANGO_TYPE_ATTR_LIST    pango_attr_list_get_type ()
#define PANGO_TYPE_COLOR        pango_color_get_type ()
#define PANGO_MATRIX_INIT       { 1., 0., 0., 1., 0., 0. }

typedef struct _PangoFontFace PangoFontFace;
typedef enum {
    PANGO_WRAP_WORD = 0,
    PANGO_WRAP_CHAR = 1,
    PANGO_WRAP_WORD_CHAR = 2
} PangoWrapMode;
typedef struct _PangoLayout PangoLayout;
typedef struct _PangoScriptIter PangoScriptIter;
typedef enum {
    PANGO_SCRIPT_INVALID_CODE = -1,
    PANGO_SCRIPT_COMMON = 0,
    PANGO_SCRIPT_INHERITED = 1,
    PANGO_SCRIPT_ARABIC = 2,
    PANGO_SCRIPT_ARMENIAN = 3,
    PANGO_SCRIPT_BENGALI = 4,
    PANGO_SCRIPT_BOPOMOFO = 5,
    PANGO_SCRIPT_CHEROKEE = 6,
    PANGO_SCRIPT_COPTIC = 7,
    PANGO_SCRIPT_CYRILLIC = 8,
    PANGO_SCRIPT_DESERET = 9,
    PANGO_SCRIPT_DEVANAGARI = 10,
    PANGO_SCRIPT_ETHIOPIC = 11,
    PANGO_SCRIPT_GEORGIAN = 12,
    PANGO_SCRIPT_GOTHIC = 13,
    PANGO_SCRIPT_GREEK = 14,
    PANGO_SCRIPT_GUJARATI = 15,
    PANGO_SCRIPT_GURMUKHI = 16,
    PANGO_SCRIPT_HAN = 17,
    PANGO_SCRIPT_HANGUL = 18,
    PANGO_SCRIPT_HEBREW = 19,
    PANGO_SCRIPT_HIRAGANA = 20,
    PANGO_SCRIPT_KANNADA = 21,
    PANGO_SCRIPT_KATAKANA = 22,
    PANGO_SCRIPT_KHMER = 23,
    PANGO_SCRIPT_LAO = 24,
    PANGO_SCRIPT_LATIN = 25,
    PANGO_SCRIPT_MALAYALAM = 26,
    PANGO_SCRIPT_MONGOLIAN = 27,
    PANGO_SCRIPT_MYANMAR = 28,
    PANGO_SCRIPT_OGHAM = 29,
    PANGO_SCRIPT_OLD_ITALIC = 30,
    PANGO_SCRIPT_ORIYA = 31,
    PANGO_SCRIPT_RUNIC = 32,
    PANGO_SCRIPT_SINHALA = 33,
    PANGO_SCRIPT_SYRIAC = 34,
    PANGO_SCRIPT_TAMIL = 35,
    PANGO_SCRIPT_TELUGU = 36,
    PANGO_SCRIPT_THAANA = 37,
    PANGO_SCRIPT_THAI = 38,
    PANGO_SCRIPT_TIBETAN = 39,
    PANGO_SCRIPT_CANADIAN_ABORIGINAL = 40,
    PANGO_SCRIPT_YI = 41,
    PANGO_SCRIPT_TAGALOG = 42,
```

 © 2008 Linux Foundation

```
    PANGO_SCRIPT_HANUNOO = 43,
    PANGO_SCRIPT_BUHID = 44,
    PANGO_SCRIPT_TAGBANWA = 45,
    PANGO_SCRIPT_BRAILLE = 46,
    PANGO_SCRIPT_CYPRIOT = 47,
    PANGO_SCRIPT_LIMBU = 48,
    PANGO_SCRIPT_OSMANYA = 49,
    PANGO_SCRIPT_SHAVIAN = 50,
    PANGO_SCRIPT_LINEAR_B = 51,
    PANGO_SCRIPT_TAI_LE = 52,
    PANGO_SCRIPT_UGARITIC = 53
} PangoScript;
typedef struct _PangoFont PangoFont;
typedef struct _PangoContext PangoContext;
typedef struct _PangoFontDescription PangoFontDescription;
typedef enum {
    PANGO_ATTR_INVALID = 0,
    PANGO_ATTR_LANGUAGE = 1,
    PANGO_ATTR_FAMILY = 2,
    PANGO_ATTR_STYLE = 3,
    PANGO_ATTR_WEIGHT = 4,
    PANGO_ATTR_VARIANT = 5,
    PANGO_ATTR_STRETCH = 6,
    PANGO_ATTR_SIZE = 7,
    PANGO_ATTR_FONT_DESC = 8,
    PANGO_ATTR_FOREGROUND = 9,
    PANGO_ATTR_BACKGROUND = 10,
    PANGO_ATTR_UNDERLINE = 11,
    PANGO_ATTR_STRIKETHROUGH = 12,
    PANGO_ATTR_RISE = 13,
    PANGO_ATTR_SHAPE = 14,
    PANGO_ATTR_SCALE = 15,
    PANGO_ATTR_FALLBACK = 16,
    PANGO_ATTR_LETTER_SPACING = 17,
    PANGO_ATTR_UNDERLINE_COLOR = 18,
    PANGO_ATTR_STRIKETHROUGH_COLOR = 19,
    PANGO_ATTR_ABSOLUTE_SIZE = 20
} PangoAttrType;
typedef struct _PangoAttribute {
    const PangoAttrClass *klass;
    guint start_index;
    guint end_index;
} PangoAttribute;
typedef struct _PangoAttrClass {
    PangoAttrType type;
    PangoAttribute *(*copy) (const PangoAttribute *);
    void (*destroy) (PangoAttribute *);
            gboolean(*equal)  (const  PangoAttribute  *,  const
PangoAttribute *);
} PangoAttrClass;
typedef struct _PangoLanguage PangoLanguage;
typedef struct _PangoLogAttr {
    guint is_line_break:1;
    guint is_mandatory_break:1;
    guint is_char_break:1;
    guint is_white:1;
    guint is_cursor_position:1;
    guint is_word_start:1;
    guint is_word_end:1;
    guint is_sentence_boundary:1;
    guint is_sentence_start:1;
    guint is_sentence_end:1;
    guint backspace_deletes_character:1;
} PangoLogAttr;
typedef struct _PangoColor {
    guint16 red;
```

```
    guint16 green;
    guint16 blue;
} PangoColor;
typedef struct _PangoMatrix {
    double xx;
    double xy;
    double yx;
    double yy;
    double x0;
    double y0;
} PangoMatrix;
typedef struct _PangoEngineShape PangoEngineShape;
typedef struct _PangoEngineLang PangoEngineLang;
typedef struct _PangoAnalysis {
    PangoEngineShape *shape_engine;
    PangoEngineLang *lang_engine;
    PangoFont *font;
    guint8 level;
    PangoLanguage *language;
    GSList *extra_attrs;
} PangoAnalysis;
typedef struct _PangoItem {
    gint offset;
    gint length;
    gint num_chars;
    PangoAnalysis analysis;
} PangoItem;
typedef guint32 PangoGlyph;
typedef gint32 PangoGlyphUnit;
typedef struct _PangoGlyphGeometry {
    PangoGlyphUnit width;
    PangoGlyphUnit x_offset;
    PangoGlyphUnit y_offset;
} PangoGlyphGeometry;
typedef struct _PangoGlyphVisAttr {
    guint is_cluster_start:1;
} PangoGlyphVisAttr;
typedef struct _PangoGlyphInfo {
    PangoGlyph glyph;
    PangoGlyphGeometry geometry;
    PangoGlyphVisAttr attr;
} PangoGlyphInfo;
typedef struct _PangoGlyphString {
    gint num_glyphs;
    PangoGlyphInfo *glyphs;
    gint *log_clusters;
    gint space;
} PangoGlyphString;
typedef struct _PangoGlyphItem {
    PangoItem *item;
    PangoGlyphString *glyphs;
} PangoGlyphItem;
typedef PangoGlyphItem PangoLayoutRun;
typedef struct _PangoLayoutIter PangoLayoutIter;
typedef enum {
    PANGO_UNDERLINE_NONE = 0,
    PANGO_UNDERLINE_SINGLE = 1,
    PANGO_UNDERLINE_DOUBLE = 2,
    PANGO_UNDERLINE_LOW = 3,
    PANGO_UNDERLINE_ERROR = 4
} PangoUnderline;
typedef struct _PangoRendererPrivate PangoRendererPrivate;
typedef struct _PangoRenderer {
    GObject parent_instance;
    PangoUnderline underline;
    gboolean strikethrough;
```

 © 2008 Linux Foundation

```
    int active_count;
    PangoMatrix *matrix;
    PangoRendererPrivate *priv;
} PangoRenderer;
typedef enum {
    PANGO_RENDER_PART_FOREGROUND = 0,
    PANGO_RENDER_PART_BACKGROUND = 1,
    PANGO_RENDER_PART_UNDERLINE = 2,
    PANGO_RENDER_PART_STRIKETHROUGH = 3
} PangoRenderPart;
typedef struct _PangoAttrList PangoAttrList;
typedef struct _PangoLayoutLine {
    PangoLayout *layout;
    gint start_index;
    gint length;
    GSList *runs;
    guint is_paragraph_start:1;
    guint resolved_dir:3;
} PangoLayoutLine;
typedef enum {
    PANGO_STRETCH_ULTRA_CONDENSED = 0,
    PANGO_STRETCH_EXTRA_CONDENSED = 1,
    PANGO_STRETCH_CONDENSED = 2,
    PANGO_STRETCH_SEMI_CONDENSED = 3,
    PANGO_STRETCH_NORMAL = 4,
    PANGO_STRETCH_SEMI_EXPANDED = 5,
    PANGO_STRETCH_EXPANDED = 6,
    PANGO_STRETCH_EXTRA_EXPANDED = 7,
    PANGO_STRETCH_ULTRA_EXPANDED = 8
} PangoStretch;
typedef struct _PangoRectangle {
    int x;
    int y;
    int width;
    int height;
} PangoRectangle;
typedef struct _PangoFontFamily PangoFontFamily;
typedef struct _PangoFontMetrics PangoFontMetrics;
typedef struct _PangoTabArray PangoTabArray;
typedef enum {
    PANGO_TAB_LEFT = 0
} PangoTabAlign;
typedef enum {
    PANGO_ALIGN_LEFT = 0,
    PANGO_ALIGN_CENTER = 1,
    PANGO_ALIGN_RIGHT = 2
} PangoAlignment;
typedef struct _PangoAttrIterator PangoAttrIterator;
typedef enum {
    PANGO_FONT_MASK_FAMILY = 1,
    PANGO_FONT_MASK_STYLE = 2,
    PANGO_FONT_MASK_VARIANT = 4,
    PANGO_FONT_MASK_WEIGHT = 8,
    PANGO_FONT_MASK_STRETCH = 16,
    PANGO_FONT_MASK_SIZE = 32
} PangoFontMask;
typedef enum {
    PANGO_DIRECTION_LTR = 0,
    PANGO_DIRECTION_RTL = 1,
    PANGO_DIRECTION_TTB_LTR = 2,
    PANGO_DIRECTION_TTB_RTL = 3,
    PANGO_DIRECTION_WEAK_LTR = 4,
    PANGO_DIRECTION_WEAK_RTL = 5,
    PANGO_DIRECTION_NEUTRAL = 6
} PangoDirection;
typedef enum {
```

```
    PANGO_ELLIPSIZE_NONE = 0,
    PANGO_ELLIPSIZE_START = 1,
    PANGO_ELLIPSIZE_MIDDLE = 2,
    PANGO_ELLIPSIZE_END = 3
} PangoEllipsizeMode;
typedef struct _PangoCoverage PangoCoverage;
typedef enum {
    PANGO_STYLE_NORMAL = 0,
    PANGO_STYLE_OBLIQUE = 1,
    PANGO_STYLE_ITALIC = 2
} PangoStyle;
typedef enum {
    PANGO_COVERAGE_NONE = 0,
    PANGO_COVERAGE_FALLBACK = 1,
    PANGO_COVERAGE_APPROXIMATE = 2,
    PANGO_COVERAGE_EXACT = 3
} PangoCoverageLevel;
typedef struct _PangoFontMap PangoFontMap;
typedef    gboolean(*PangoAttrFilterFunc)    (PangoAttribute    *,
gpointer);
typedef struct _PangoFontset PangoFontset;
typedef enum {
    PANGO_WEIGHT_ULTRALIGHT = 200,
    PANGO_WEIGHT_LIGHT = 300,
    PANGO_WEIGHT_NORMAL = 400,
    PANGO_WEIGHT_SEMIBOLD = 600,
    PANGO_WEIGHT_BOLD = 700,
    PANGO_WEIGHT_ULTRABOLD = 800,
    PANGO_WEIGHT_HEAVY = 900
} PangoWeight;
typedef   gboolean(*PangoFontsetForeachFunc)   (PangoFontset   *,
PangoFont *,
                                                gpointer);
typedef enum {
    PANGO_VARIANT_NORMAL = 0,
    PANGO_VARIANT_SMALL_CAPS = 1
} PangoVariant;
typedef gpointer(*PangoAttrDataCopyFunc) (gconstpointer);
typedef struct _PangoAttrShape {
    PangoAttribute attr;
    PangoRectangle ink_rect;
    PangoRectangle logical_rect;
    gpointer data;
    PangoAttrDataCopyFunc copy_func;
    GDestroyNotify destroy_func;
} PangoAttrShape;
typedef struct _PangoContextClass PangoContextClass;
typedef struct _PangoAttrString {
    PangoAttribute attr;
    char *value;
} PangoAttrString;
typedef struct _PangoAttrColor {
    PangoAttribute attr;
    PangoColor color;
} PangoAttrColor;
typedef struct _PangoAttrFontDesc {
    PangoAttribute attr;
    PangoFontDescription *desc;
} PangoAttrFontDesc;
typedef struct _PangoAttrFloat {
    PangoAttribute attr;
    double value;
} PangoAttrFloat;
typedef struct _PangoRendererClass {
    GObjectClass parent_class;
         void  (*draw_glyphs)  (PangoRenderer  *,  PangoFont  *,
```

 © 2008 Linux Foundation

```
PangoGlyphString *,
                         int, int);
      void (*draw_rectangle) (PangoRenderer *, PangoRenderPart,
int, int,
                              int, int);
    void (*draw_error_underline) (PangoRenderer *, int, int, int,
int);
     void (*draw_shape) (PangoRenderer *, PangoAttrShape *, int,
int);
      void (*draw_trapezoid) (PangoRenderer *, PangoRenderPart,
double,
                                  double, double, double, double,
double);
    void (*draw_glyph) (PangoRenderer *, PangoFont *, PangoGlyph,
double,
                        double);
    void (*part_changed) (PangoRenderer *, PangoRenderPart);
    void (*begin) (PangoRenderer *);
    void (*end) (PangoRenderer *);
    void (*prepare_run) (PangoRenderer *, PangoLayoutRun *);
    void (*_pango_reserved1) (void);
    void (*_pango_reserved2) (void);
    void (*_pango_reserved3) (void);
    void (*_pango_reserved4) (void);
} PangoRendererClass;
typedef struct _PangoAttrLanguage {
    PangoAttribute attr;
    PangoLanguage *value;
} PangoAttrLanguage;
typedef struct _PangoAttrInt {
    PangoAttribute attr;
    int value;
} PangoAttrInt;
typedef struct _PangoAttrSize {
    PangoAttribute attr;
    int size;
    guint absolute:1;
} PangoAttrSize;
typedef struct _PangoLayoutClass PangoLayoutClass;
extern GType pango_alignment_get_type(void);
extern PangoAttribute *pango_attr_background_new(guint16 red,
                                                 guint16 green,
                                                 guint16 blue);
extern      PangoAttribute      *pango_attr_fallback_new(gboolean
enable_fallback);
extern PangoAttribute *pango_attr_family_new(const char *family);
extern       PangoAttribute       *pango_attr_font_desc_new(const
PangoFontDescription
                                               * desc);
extern PangoAttribute *pango_attr_foreground_new(guint16 red,
                                                 guint16 green,
                                                 guint16 blue);
extern                                           PangoAttrIterator
*pango_attr_iterator_copy(PangoAttrIterator *
                                                   iterator);
extern   void   pango_attr_iterator_destroy(PangoAttrIterator   *
iterator);
extern  PangoAttribute  *pango_attr_iterator_get(PangoAttrIterator
*
                                                iterator,
                                                     PangoAttrType
type);
extern  GSList  *pango_attr_iterator_get_attrs(PangoAttrIterator  *
iterator);
extern   void   pango_attr_iterator_get_font(PangoAttrIterator   *
iterator,
```

```
                                                PangoFontDescription *
desc,
                                                       PangoLanguage *
*language,
                                               GSList * *extra_attrs);
extern   gboolean   pango_attr_iterator_next(PangoAttrIterator   *
iterator);
extern    void    pango_attr_iterator_range(PangoAttrIterator    *
iterator,
                                            gint * start, gint * end);
extern  PangoAttribute  *pango_attr_language_new(PangoLanguage  *
language);
extern      PangoAttribute      *pango_attr_letter_spacing_new(int
letter_spacing);
extern void pango_attr_list_change(PangoAttrList * list,
                                   PangoAttribute * attr);
extern PangoAttrList *pango_attr_list_copy(PangoAttrList * list);
extern   PangoAttrList   *pango_attr_list_filter(PangoAttrList   *
list,
                                                 PangoAttrFilterFunc
func,
                                                gpointer data);
extern                                              PangoAttrIterator
*pango_attr_list_get_iterator(PangoAttrList *
                                                               list);
extern GType pango_attr_list_get_type(void);
extern void pango_attr_list_insert(PangoAttrList * list,
                                   PangoAttribute * attr);
extern void pango_attr_list_insert_before(PangoAttrList * list,
                                          PangoAttribute * attr);
extern PangoAttrList *pango_attr_list_new(void);
extern PangoAttrList *pango_attr_list_ref(PangoAttrList * list);
extern void pango_attr_list_splice(PangoAttrList * list,
                                   PangoAttrList * other, gint
pos,
                                   gint len);
extern void pango_attr_list_unref(PangoAttrList * list);
extern PangoAttribute *pango_attr_rise_new(int rise);
extern PangoAttribute *pango_attr_scale_new(double scale_factor);
extern  PangoAttribute  *pango_attr_shape_new(const  PangoRectangle
*
                                              ink_rect,
                                                const PangoRectangle
*
                                              logical_rect);
extern    PangoAttribute    *pango_attr_shape_new_with_data(const
PangoRectangle
                                                          * ink_rect,
                                                                const
PangoRectangle
                                                                    *
logical_rect,
                                                                   gpointer
data,
                                                                  PangoAttrDa
taCopyFunc
                                                                 copy_func,
                                                                  GDestroyNot
ify
                                                                  destroy_fun
c);
extern PangoAttribute *pango_attr_size_new(int size);
extern PangoAttribute *pango_attr_size_new_absolute(int size);
extern     PangoAttribute     *pango_attr_stretch_new(PangoStretch
stretch);
extern  PangoAttribute  *pango_attr_strikethrough_color_new(guint16
```

 © 2008 Linux Foundation

```
red,
                                                                guint16
green,
                                                                guint16
blue);
extern PangoAttribute *pango_attr_strikethrough_new(gboolean
                                                      strikethrough
);
extern PangoAttribute *pango_attr_style_new(PangoStyle style);
extern GType pango_attr_type_get_type(void);
extern   PangoAttrType   pango_attr_type_register(const   gchar   *
name);
extern   PangoAttribute   *pango_attr_underline_color_new(guint16
red,
                                                                guint16
green,
                                                                guint16
blue);
extern   PangoAttribute   *pango_attr_underline_new(PangoUnderline
underline);
extern     PangoAttribute     *pango_attr_variant_new(PangoVariant
variant);
extern PangoAttribute *pango_attr_weight_new(PangoWeight weight);
extern  PangoAttribute  *pango_attribute_copy(const  PangoAttribute
* attr);
extern void pango_attribute_destroy(PangoAttribute * attr);
extern  gboolean  pango_attribute_equal(const  PangoAttribute  *
attr1,
                                        const PangoAttribute *
attr2);
extern void pango_break(const gchar * text, gint length,
                        PangoAnalysis * analysis, PangoLogAttr *
attrs,
                        int attrs_len);
extern PangoColor *pango_color_copy(const PangoColor * src);
extern void pango_color_free(PangoColor * color);
extern GType pango_color_get_type(void);
extern gboolean pango_color_parse(PangoColor * color, const char
*spec);
extern  PangoDirection  pango_context_get_base_dir(PangoContext  *
context);
extern PangoFontDescription
    *pango_context_get_font_description(PangoContext * context);
extern  PangoFontMap  *pango_context_get_font_map(PangoContext  *
context);
extern  PangoLanguage  *pango_context_get_language(PangoContext  *
context);
extern const PangoMatrix *pango_context_get_matrix(PangoContext *
context);
extern PangoFontMetrics *pango_context_get_metrics(PangoContext *
context,
                                                   const
                                                    PangoFontDescr
iption *
                                                   desc,
                                                     PangoLanguage
*
                                                   language);
extern GType pango_context_get_type(void);
extern void pango_context_list_families(PangoContext * context,
                                                  PangoFontFamily *
**families,
                                        int *n_families);
extern PangoFont *pango_context_load_font(PangoContext * context,
                                                              const
PangoFontDescription *
```

```
                                                desc);
extern  PangoFontset  *pango_context_load_fontset(PangoContext  *
context,
                                                                  const
PangoFontDescription
                                                    * desc,
                                                       PangoLanguage *
language);
extern void pango_context_set_base_dir(PangoContext * context,
                                                  PangoDirection direction);
extern  void  pango_context_set_font_description(PangoContext  *
context,
                                                                  const
PangoFontDescription *
                                                           desc);
extern void pango_context_set_language(PangoContext * context,
                                                  PangoLanguage * language);
extern void pango_context_set_matrix(PangoContext * context,
                                               const PangoMatrix * matrix);
extern PangoCoverage *pango_coverage_from_bytes(guchar * bytes,
                                                    int n_bytes);
extern   PangoCoverageLevel   pango_coverage_get(PangoCoverage   *
coverage,
                                                int index_);
extern GType pango_coverage_level_get_type(void);
extern void pango_coverage_max(PangoCoverage * coverage,
                                 PangoCoverage * other);
extern PangoCoverage *pango_coverage_new(void);
extern    PangoCoverage    *pango_coverage_ref(PangoCoverage    *
coverage);
extern  void  pango_coverage_set(PangoCoverage  *  coverage,  int
index_,
                                 PangoCoverageLevel level);
extern void pango_coverage_to_bytes(PangoCoverage * coverage,
                                                guchar  * *bytes, int
*n_bytes);
extern void pango_coverage_unref(PangoCoverage * coverage);
extern GType pango_direction_get_type(void);
extern GType pango_ellipsize_mode_get_type(void);
extern  PangoDirection  pango_find_base_dir(const  gchar  *  text,
gint length);
extern  void  pango_find_paragraph_boundary(const  gchar  *  text,
gint length,
                                                                    gint *
paragraph_delimiter_index,
                                                                    gint *
next_paragraph_start);
extern   PangoFontDescription   *pango_font_describe(PangoFont   *
font);
extern gboolean pango_font_description_better_match(const
                                                      PangoFontDesc
ription *
                                                     desc,
                                                     const
                                                      PangoFontDesc
ription *
                                                     old_match,
                                                     const
                                                      PangoFontDesc
ription *
                                                     new_match);
extern PangoFontDescription *pango_font_description_copy(const
                                                           PangoFon
tDescription
                                                          * desc);
extern                                          PangoFontDescription
```

 © 2008 Linux Foundation

```
*pango_font_description_copy_static(const
                                                                    P
angoFontDescription
                                                                    *
desc);
extern         gboolean         pango_font_description_equal(const
PangoFontDescription *
                                                desc1,
                                                                  const
PangoFontDescription *
                                                desc2);
extern  void  pango_font_description_free(PangoFontDescription  *
desc);
extern                                           PangoFontDescription
*pango_font_description_from_string(const char
                                                                    *
str);
extern const char *pango_font_description_get_family(const
                                                                PangoFontDes
cription *
                                                               desc);
extern PangoFontMask pango_font_description_get_set_fields(const
                                                                     PangoF
ontDescription
                                                                    *
desc);
extern         gint         pango_font_description_get_size(const
PangoFontDescription *
                                               desc);
extern gboolean pango_font_description_get_size_is_absolute(const
                                                                   Pango
FontDescription
                                                                    *
desc);
extern PangoStretch pango_font_description_get_stretch(const
                                                                 PangoFontD
escription
                                                                * desc);
extern PangoStyle pango_font_description_get_style(const
                                                               PangoFontDescr
iption *
                                                              desc);
extern GType pango_font_description_get_type(void);
extern PangoVariant pango_font_description_get_variant(const
                                                                 PangoFontD
escription
                                                                * desc);
extern PangoWeight pango_font_description_get_weight(const
                                                                PangoFontDes
cription *
                                                               desc);
extern           guint           pango_font_description_hash(const
PangoFontDescription *
                                           desc);
extern  void  pango_font_description_merge(PangoFontDescription  *
desc,
                                                                  const
PangoFontDescription *
                                           desc_to_merge,
                                                                gboolean
replace_existing);
extern                                                            void
pango_font_description_merge_static(PangoFontDescription *
                                                  desc,
                                                                  const
PangoFontDescription
```

```
                                                    * desc_to_merge,
                                                      gboolean
replace_existing);
extern PangoFontDescription *pango_font_description_new(void);
extern                                                          void
pango_font_description_set_absolute_size(PangoFontDescription *
                                                       desc, double
size);
extern                                                          void
pango_font_description_set_family(PangoFontDescription * desc,
                                                         const char
*family);
extern                                                          void
pango_font_description_set_family_static(PangoFontDescription *
                                                      desc,
                                                         const char
*family);
extern  void  pango_font_description_set_size(PangoFontDescription
* desc,
                                              gint size);
extern                                                          void
pango_font_description_set_stretch(PangoFontDescription * desc,
                                                       PangoStretch
stretch);
extern void pango_font_description_set_style(PangoFontDescription
* desc,
                                               PangoStyle style);
extern                                                          void
pango_font_description_set_variant(PangoFontDescription * desc,
                                                       PangoVariant
variant);
extern                                                          void
pango_font_description_set_weight(PangoFontDescription * desc,
                                                        PangoWeight
weight);
extern       char       *pango_font_description_to_filename(const
PangoFontDescription
                                                    * desc);
extern        char        *pango_font_description_to_string(const
PangoFontDescription *
                                                 desc);
extern                                                          void
pango_font_description_unset_fields(PangoFontDescription *
                                                    desc,
                                                         PangoFontMask
to_unset);
extern  void  pango_font_descriptions_free(PangoFontDescription  *
*descs,
                                           int n_descs);
extern                                          PangoFontDescription
*pango_font_face_describe(PangoFontFace *
                                                          face);
extern const char *pango_font_face_get_face_name(PangoFontFace *
face);
extern GType pango_font_face_get_type(void);
extern void pango_font_face_list_sizes(PangoFontFace * face, int
**sizes,
                                       int *n_sizes);
extern  const  char  *pango_font_family_get_name(PangoFontFamily  *
family);
extern GType pango_font_family_get_type(void);
extern  gboolean  pango_font_family_is_monospace(PangoFontFamily  *
family);
extern   void   pango_font_family_list_faces(PangoFontFamily   *
family,
                                           PangoFontFace * **faces,
```

 © 2008 Linux Foundation

```
                                          int *n_faces);
extern PangoEngineShape *pango_font_find_shaper(PangoFont * font,
                                                PangoLanguage *
language,
                                                guint32 ch);
extern PangoCoverage *pango_font_get_coverage(PangoFont * font,
                                              PangoLanguage *
language);
extern PangoFontMap *pango_font_get_font_map(PangoFont * font);
extern void pango_font_get_glyph_extents(PangoFont * font,
                                         PangoGlyph glyph,
                                                 PangoRectangle *
ink_rect,
                                                 PangoRectangle *
logical_rect);
extern PangoFontMetrics *pango_font_get_metrics(PangoFont * font,
                                                PangoLanguage *
language);
extern GType pango_font_get_type(void);
extern GType pango_font_map_get_type(void);
extern void pango_font_map_list_families(PangoFontMap * fontmap,
                                         PangoFontFamily *
**families,
                                         int *n_families);
extern    PangoFont    *pango_font_map_load_font(PangoFontMap    *
fontmap,
                                                  PangoContext *
context,
                                                               const
PangoFontDescription *
                                           desc);
extern  PangoFontset  *pango_font_map_load_fontset(PangoFontMap  *
fontmap,
                                                   PangoContext *
context,
                                                               const
PangoFontDescription
                                          * desc,
                                                   PangoLanguage *
language);
extern GType pango_font_mask_get_type(void);
extern                                                          int
pango_font_metrics_get_approximate_char_width(PangoFontMetrics *
                                                              metrics)
;
extern                                                          int
pango_font_metrics_get_approximate_digit_width(PangoFontMetrics
                                                               *
metrics);
extern   int   pango_font_metrics_get_ascent(PangoFontMetrics   *
metrics);
extern   int   pango_font_metrics_get_descent(PangoFontMetrics   *
metrics);
extern                                                          int
pango_font_metrics_get_strikethrough_position(PangoFontMetrics *
                                                              metrics)
;
extern                                                          int
pango_font_metrics_get_strikethrough_thickness(PangoFontMetrics
                                                               *
metrics);
extern GType pango_font_metrics_get_type(void);
extern                                                          int
pango_font_metrics_get_underline_position(PangoFontMetrics *
                                                            metrics);
extern                                                          int
```

```
pango_font_metrics_get_underline_thickness(PangoFontMetrics *
                                                        metrics);
extern  PangoFontMetrics  *pango_font_metrics_ref(PangoFontMetrics
*
                                                  metrics);
extern void pango_font_metrics_unref(PangoFontMetrics * metrics);
extern      void      pango_fontset_foreach(PangoFontset      *,
PangoFontsetForeachFunc,
                                  gpointer);
extern PangoFont *pango_fontset_get_font(PangoFontset *, guint);
extern  PangoFontMetrics  *pango_fontset_get_metrics(PangoFontset
*);
extern GType pango_fontset_get_type(void);
extern void pango_get_log_attrs(const char *text, int length, int
level,
                                PangoLanguage * language,
                                    PangoLogAttr * log_attrs, int
attrs_len);
extern   GSList   *pango_glyph_item_apply_attrs(PangoGlyphItem   *
glyph_item,
                                            const char *text,
                                                  PangoAttrList *
list);
extern void pango_glyph_item_free(PangoGlyphItem * glyph_item);
extern   void   pango_glyph_item_letter_space(PangoGlyphItem   *
glyph_item,
                                         const char *text,
                                                   PangoLogAttr *
log_attrs,
                                         int letter_spacing);
extern  PangoGlyphItem  *pango_glyph_item_split(PangoGlyphItem  *
orig,
                                             const char *text,
                                             int split_index);
extern  PangoGlyphString  *pango_glyph_string_copy(PangoGlyphString
*
                                                string);
extern void pango_glyph_string_extents(PangoGlyphString * glyphs,
                                       PangoFont * font,
                                       PangoRectangle * ink_rect,
                                                PangoRectangle *
logical_rect);
extern  void  pango_glyph_string_extents_range(PangoGlyphString  *
glyphs,
                                           int start, int end,
                                           PangoFont * font,
                                                PangoRectangle *
ink_rect,
                                           PangoRectangle *
                                           logical_rect);
extern void pango_glyph_string_free(PangoGlyphString * string);
extern                                                      void
pango_glyph_string_get_logical_widths(PangoGlyphString *
                                                  glyphs, const
char *text,
                                                 int length,
                                                             int
embedding_level,
                                                             int
*logical_widths);
extern GType pango_glyph_string_get_type(void);
extern   void   pango_glyph_string_index_to_x(PangoGlyphString   *
glyphs,
                                         char *text, int length,
                                                 PangoAnalysis *
analysis,
```

 © 2008 Linux Foundation

```
                                                int index_, gboolean
trailing,
                                               int *x_pos);
extern PangoGlyphString *pango_glyph_string_new(void);
extern    void    pango_glyph_string_set_size(PangoGlyphString    *
string,
                                             gint new_len);
extern   void   pango_glyph_string_x_to_index(PangoGlyphString   *
glyphs,
                                               char *text, int length,
                                                       PangoAnalysis *
analysis,
                                               int x_pos, int *index_,
                                               gboolean * trailing);
extern PangoItem *pango_item_copy(PangoItem * item);
extern void pango_item_free(PangoItem * item);
extern PangoItem *pango_item_new(void);
extern   PangoItem   *pango_item_split(PangoItem   *   orig,   int
split_index,
                                       int split_offset);
extern  GList  *pango_itemize(PangoContext  *  context,  const  char
*text,
                              int start_index, int length,
                              PangoAttrList * attrs,
                              PangoAttrIterator * cached_iter);
extern GList *pango_itemize_with_base_dir(PangoContext * context,
                                                        PangoDirection
base_dir,
                                               const char *text,
                                                  int start_index, int
length,
                                               PangoAttrList * attrs,
                                                    PangoAttrIterator *
cached_iter);
extern   PangoLanguage   *pango_language_from_string(const   char
*language);
extern GType pango_language_get_type(void);
extern  gboolean  pango_language_includes_script(PangoLanguage  *
language,
                                                                PangoScript
script);
extern gboolean pango_language_matches(PangoLanguage * language,
                                       const char *range_list);
extern void pango_layout_context_changed(PangoLayout * layout);
extern PangoLayout *pango_layout_copy(PangoLayout * src);
extern  PangoAlignment  pango_layout_get_alignment(PangoLayout  *
layout);
extern  PangoAttrList  *pango_layout_get_attributes(PangoLayout  *
layout);
extern gboolean pango_layout_get_auto_dir(PangoLayout * layout);
extern   PangoContext   *pango_layout_get_context(PangoLayout   *
layout);
extern void pango_layout_get_cursor_pos(PangoLayout * layout, int
index_,
                                                       PangoRectangle *
strong_pos,
                                                       PangoRectangle *
weak_pos);
extern  PangoEllipsizeMode  pango_layout_get_ellipsize(PangoLayout
* layout);
extern void pango_layout_get_extents(PangoLayout * layout,
                                     PangoRectangle * ink_rect,
                                                       PangoRectangle *
logical_rect);
extern const PangoFontDescription
    *pango_layout_get_font_description(PangoLayout * layout);
```

```
extern int pango_layout_get_indent(PangoLayout * layout);
extern   PangoLayoutIter   *pango_layout_get_iter(PangoLayout   *
layout);
extern gboolean pango_layout_get_justify(PangoLayout * layout);
extern   PangoLayoutLine   *pango_layout_get_line(PangoLayout   *
layout,
                                                  int line);
extern int pango_layout_get_line_count(PangoLayout * layout);
extern GSList *pango_layout_get_lines(PangoLayout * layout);
extern void pango_layout_get_log_attrs(PangoLayout * layout,
                                       PangoLogAttr * *attrs,
                                       gint * n_attrs);
extern void pango_layout_get_pixel_extents(PangoLayout * layout,
                                                    PangoRectangle *
ink_rect,
                                                    PangoRectangle *
logical_rect);
extern void pango_layout_get_pixel_size(PangoLayout * layout, int
*width,
                                        int *height);
extern                                                  gboolean
pango_layout_get_single_paragraph_mode(PangoLayout *
                                                               layout);
extern  void  pango_layout_get_size(PangoLayout  *  layout,  int
*width,
                                    int *height);
extern int pango_layout_get_spacing(PangoLayout * layout);
extern    PangoTabArray    *pango_layout_get_tabs(PangoLayout    *
layout);
extern const char *pango_layout_get_text(PangoLayout * layout);
extern GType pango_layout_get_type(void);
extern int pango_layout_get_width(PangoLayout * layout);
extern PangoWrapMode pango_layout_get_wrap(PangoLayout * layout);
extern  void  pango_layout_index_to_pos(PangoLayout  *  layout,  int
index_,
                                        PangoRectangle * pos);
extern  gboolean  pango_layout_iter_at_last_line(PangoLayoutIter  *
iter);
extern void pango_layout_iter_free(PangoLayoutIter * iter);
extern   int   pango_layout_iter_get_baseline(PangoLayoutIter   *
iter);
extern  void  pango_layout_iter_get_char_extents(PangoLayoutIter  *
iter,
                                                 PangoRectangle *
                                                 logical_rect);
extern  void  pango_layout_iter_get_cluster_extents(PangoLayoutIter
* iter,
                                                    PangoRectangle
*
                                                   ink_rect,
                                                    PangoRectangle
*
                                                   logical_rect);
extern int pango_layout_iter_get_index(PangoLayoutIter * iter);
extern  void  pango_layout_iter_get_layout_extents(PangoLayoutIter
* iter,
                                                   PangoRectangle *
ink_rect,
                                                  PangoRectangle *
                                                  logical_rect);
extern                                                   PangoLayoutLine
*pango_layout_iter_get_line(PangoLayoutIter * iter);
extern  void  pango_layout_iter_get_line_extents(PangoLayoutIter  *
iter,
                                                   PangoRectangle *
ink_rect,
```

 © 2008 Linux Foundation

```
                                                PangoRectangle *
                                                logical_rect);
extern  void  pango_layout_iter_get_line_yrange(PangoLayoutIter  *
iter,
                                                     int *y0_, int
*y1_);
extern  PangoLayoutRun  *pango_layout_iter_get_run(PangoLayoutIter
* iter);
extern  void  pango_layout_iter_get_run_extents(PangoLayoutIter  *
iter,
                                                   PangoRectangle *
ink_rect,
                                                PangoRectangle *
                                                logical_rect);
extern GType pango_layout_iter_get_type(void);
extern   gboolean   pango_layout_iter_next_char(PangoLayoutIter   *
iter);
extern  gboolean  pango_layout_iter_next_cluster(PangoLayoutIter  *
iter);
extern   gboolean   pango_layout_iter_next_line(PangoLayoutIter   *
iter);
extern   gboolean   pango_layout_iter_next_run(PangoLayoutIter   *
iter);
extern void pango_layout_line_get_extents(PangoLayoutLine * line,
                                                   PangoRectangle *
ink_rect,
                                                   PangoRectangle *
logical_rect);
extern void pango_layout_line_get_pixel_extents(PangoLayoutLine *
                                                  layout_line,
                                                   PangoRectangle *
ink_rect,
                                                 PangoRectangle *
                                                 logical_rect);
extern   void   pango_layout_line_get_x_ranges(PangoLayoutLine   *
line,
                                               int start_index, int
end_index,
                                                   int **ranges, int
*n_ranges);
extern void pango_layout_line_index_to_x(PangoLayoutLine * line,
                                                    int index_, int
trailing,
                                            int *x_pos);
extern  PangoLayoutLine  *pango_layout_line_ref(PangoLayoutLine  *
line);
extern void pango_layout_line_unref(PangoLayoutLine * line);
extern  gboolean  pango_layout_line_x_to_index(PangoLayoutLine  *
line,
                                                     int x_pos, int
*index_,
                                                int *trailing);
extern   void   pango_layout_move_cursor_visually(PangoLayout   *
layout,
                                                gboolean strong,
                                                int old_index,
                                                int old_trailing,
                                                int direction,
                                                int *new_index,
                                                int *new_trailing);
extern PangoLayout *pango_layout_new(PangoContext * context);
extern void pango_layout_set_alignment(PangoLayout * layout,
                                       PangoAlignment alignment);
extern void pango_layout_set_attributes(PangoLayout * layout,
                                        PangoAttrList * attrs);
extern void pango_layout_set_auto_dir(PangoLayout * layout,
```

```
                                        gboolean auto_dir);
extern void pango_layout_set_ellipsize(PangoLayout * layout,
                                                PangoEllipsizeMode
ellipsize);
extern   void   pango_layout_set_font_description(PangoLayout   *
layout,
                                                              const
PangoFontDescription *
                                                    desc);
extern  void  pango_layout_set_indent(PangoLayout  *  layout,  int
indent);
extern void pango_layout_set_justify(PangoLayout * layout,
                                     gboolean justify);
extern void pango_layout_set_markup(PangoLayout * layout,
                                          const char *markup, int
length);
extern   void   pango_layout_set_markup_with_accel(PangoLayout   *
layout,
                                                        const char
*markup,
                                                int length,
                                                          gunichar
accel_marker,
                                                        gunichar *
accel_char);
extern  void  pango_layout_set_single_paragraph_mode(PangoLayout  *
layout,
                                                          gboolean
setting);
extern  void  pango_layout_set_spacing(PangoLayout  *  layout,  int
spacing);
extern void pango_layout_set_tabs(PangoLayout * layout,
                                  PangoTabArray * tabs);
extern  void  pango_layout_set_text(PangoLayout  *  layout,  const
char *text,
                                  int length);
extern  void  pango_layout_set_width(PangoLayout  *  layout,  int
width);
extern void pango_layout_set_wrap(PangoLayout * layout,
                                  PangoWrapMode wrap);
extern  gboolean  pango_layout_xy_to_index(PangoLayout  *  layout,
int x,
                                       int y, int *index_,
                                       gint * trailing);
extern void pango_matrix_concat(PangoMatrix * matrix,
                                const PangoMatrix * new_matrix);
extern   PangoMatrix   *pango_matrix_copy(const   PangoMatrix   *
matrix);
extern void pango_matrix_free(PangoMatrix * matrix);
extern GType pango_matrix_get_type(void);
extern  void  pango_matrix_rotate(PangoMatrix  *  matrix,  double
degrees);
extern  void  pango_matrix_scale(PangoMatrix  *  matrix,  double
scale_x,
                                 double scale_y);
extern  void  pango_matrix_translate(PangoMatrix  *  matrix,  double
tx,
                                   double ty);
extern  gboolean  pango_parse_markup(const  char  *markup_text,  int
length,
                                   gunichar accel_marker,
                                      PangoAttrList * *attr_list,
char **text,
                                     gunichar * accel_char, GError
* *error);
extern GType pango_render_part_get_type(void);
```

 © 2008 Linux Foundation

```
extern void pango_renderer_activate(PangoRenderer * renderer);
extern void pango_renderer_deactivate(PangoRenderer * renderer);
extern  void  pango_renderer_draw_error_underline(PangoRenderer  *
renderer,
                                                  int x, int y, int
width,
                                                 int height);
extern void pango_renderer_draw_glyph(PangoRenderer * renderer,
                                                  PangoFont * font,
PangoGlyph glyph,
                                        double x, double y);
extern void pango_renderer_draw_glyphs(PangoRenderer * renderer,
                                        PangoFont * font,
                                         PangoGlyphString * glyphs,
int x,
                                        int y);
extern void pango_renderer_draw_layout(PangoRenderer * renderer,
                                         PangoLayout * layout, int
x, int y);
extern   void   pango_renderer_draw_layout_line(PangoRenderer   *
renderer,
                                                  PangoLayoutLine *
line, int x,
                                               int y);
extern    void    pango_renderer_draw_rectangle(PangoRenderer    *
renderer,
                                               PangoRenderPart part,
int x,
                                               int y, int width, int
height);
extern    void    pango_renderer_draw_trapezoid(PangoRenderer    *
renderer,
                                               PangoRenderPart part,
double y1_,
                                             double x11, double x21,
                                             double y2, double x12,
                                             double x22);
extern   PangoColor   *pango_renderer_get_color(PangoRenderer   *
renderer,
                                                    PangoRenderPart
part);
extern const PangoMatrix *pango_renderer_get_matrix(PangoRenderer
*
                                                      renderer);
extern GType pango_renderer_get_type(void);
extern void pango_renderer_part_changed(PangoRenderer * renderer,
                                         PangoRenderPart part);
extern void pango_renderer_set_color(PangoRenderer * renderer,
                                     PangoRenderPart part,
                                     const PangoColor * color);
extern void pango_renderer_set_matrix(PangoRenderer * renderer,
                                               const PangoMatrix *
matrix);
extern GList *pango_reorder_items(GList * logical_items);
extern PangoScript pango_script_for_unichar(gunichar ch);
extern                                          PangoLanguage
*pango_script_get_sample_language(PangoScript script);
extern GType pango_script_get_type(void);
extern void pango_script_iter_free(PangoScriptIter * iter);
extern void pango_script_iter_get_range(PangoScriptIter * iter,
                                         const char **start,
                                         const char **end,
                                         PangoScript * script);
extern PangoScriptIter *pango_script_iter_new(const char *text,
                                               int length);
extern gboolean pango_script_iter_next(PangoScriptIter * iter);
```

```
extern void pango_shape(const gchar * text, gint length,
                        PangoAnalysis * analysis,
                        PangoGlyphString * glyphs);
extern GType pango_stretch_get_type(void);
extern GType pango_style_get_type(void);
extern GType pango_tab_align_get_type(void);
extern PangoTabArray *pango_tab_array_copy(PangoTabArray * src);
extern void pango_tab_array_free(PangoTabArray * tab_array);
extern                                                    gboolean
pango_tab_array_get_positions_in_pixels(PangoTabArray *
                                                        tab_array
);
extern gint pango_tab_array_get_size(PangoTabArray * tab_array);
extern void pango_tab_array_get_tab(PangoTabArray * tab_array,
                                    gint tab_index,
                                    PangoTabAlign * alignment,
                                    gint * location);
extern void pango_tab_array_get_tabs(PangoTabArray * tab_array,
                                     PangoTabAlign * *alignments,
                                     gint * *locations);
extern GType pango_tab_array_get_type(void);
extern PangoTabArray *pango_tab_array_new(gint initial_size,
                                                         gboolean
positions_in_pixels);
extern   PangoTabArray   *pango_tab_array_new_with_positions(gint
size,
                                                        gboolean
                                                         position
s_in_pixels,
                                                         PangoTab
Align
                                                         first_al
ignment,
                                                        gint
                                                         first_po
sition,
                                                        ...);
extern void pango_tab_array_resize(PangoTabArray * tab_array,
                                   gint new_size);
extern void pango_tab_array_set_tab(PangoTabArray * tab_array,
                                    gint tab_index,
                                    PangoTabAlign alignment,
                                    gint location);
extern GType pango_underline_get_type(void);
extern PangoDirection pango_unichar_direction(gunichar ch);
extern GType pango_variant_get_type(void);
extern GType pango_weight_get_type(void);
extern GType pango_wrap_mode_get_type(void);
```

16.15 Interfaces for libpangocairo-1.0

Table 16-76 defines the library name and shared object name for the libpangocairo-1.0 library

Table 16-76 libpangocairo-1.0 Definition

Library:	libpangocairo-1.0
SONAME:	libpangocairo-1.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Pango 1.10] Pango 1.10.4 Reference Manual

 © 2008 Linux Foundation

16.15.1 Pango Cairo Rendering

16.15.1.1 Interfaces for Pango Cairo Rendering

An LSB conforming implementation shall provide the generic functions for Pango Cairo Rendering specified in Table 16-77, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-77 libpangocairo-1.0 - Pango Cairo Rendering Function Interfaces

pango_cairo_context_get_font_options [Pango 1.10]	pango_cairo_context_get_resolution [Pango 1.10]
pango_cairo_context_set_font_options [Pango 1.10]	pango_cairo_context_set_resolution [Pango 1.10]
pango_cairo_create_layout [Pango 1.10]	pango_cairo_font_map_create_context [Pango 1.10]
pango_cairo_font_map_get_default [Pango 1.10]	pango_cairo_font_map_get_resolution [Pango 1.10]
pango_cairo_font_map_new [Pango 1.10]	pango_cairo_font_map_set_resolution [Pango 1.10]
pango_cairo_glyph_string_path [Pango 1.10]	pango_cairo_layout_line_path [Pango 1.10]
pango_cairo_layout_path [Pango 1.10]	pango_cairo_show_glyph_string [Pango 1.10]
pango_cairo_show_layout [Pango 1.10]	pango_cairo_show_layout_line [Pango 1.10]
pango_cairo_update_context [Pango 1.10]	pango_cairo_update_layout [Pango 1.10]

16.16 Data Definitions for libpangocairo-1.0

This section defines global identifiers and their values that are associated with interfaces contained in libpangocairo-1.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.16.1 pango-1.0/pango/pangocairo.h

```
#define PANGO_CAIRO_FONT_MAP(object)     \
                        (G_TYPE_CHECK_INSTANCE_CAST   ((object),
```

```
PANGO_TYPE_CAIRO_FONT_MAP, \
        PangoCairoFontMap))
#define PANGO_IS_CAIRO_FONT_MAP(object)  \
                        (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_CAIRO_FONT_MAP))
#define                                    PANGO_TYPE_CAIRO_FONT_MAP
(pango_cairo_font_map_get_type ())

typedef struct _PangoCairoFont PangoCairoFont;
typedef struct _PangoCairoFontMap PangoCairoFontMap;
extern const cairo_font_options_t
           *pango_cairo_context_get_font_options(PangoContext   *
context);
extern  double  pango_cairo_context_get_resolution(PangoContext  *
context);
extern  void  pango_cairo_context_set_font_options(PangoContext  *
context,
                                                                  const
cairo_font_options_t
                                                    * options);
extern   void   pango_cairo_context_set_resolution(PangoContext   *
context,
                                                  double dpi);
extern PangoLayout *pango_cairo_create_layout(cairo_t * cr);
extern                                              PangoContext
*pango_cairo_font_map_create_context(PangoCairoFontMap
                                                                      *
fontmap);
extern PangoFontMap *pango_cairo_font_map_get_default(void);
extern                                                    double
pango_cairo_font_map_get_resolution(PangoCairoFontMap *
                                                     fontmap);
extern PangoFontMap *pango_cairo_font_map_new(void);
extern  void pango_cairo_font_map_set_resolution(PangoCairoFontMap
*
                                                      fontmap, double
dpi);
extern void pango_cairo_glyph_string_path(cairo_t * cr, PangoFont
* font,
                                                    PangoGlyphString *
glyphs);
extern void pango_cairo_layout_line_path(cairo_t * cr,
                                         PangoLayoutLine * line);
extern  void  pango_cairo_layout_path(cairo_t  *  cr,  PangoLayout  *
layout);
extern void pango_cairo_show_glyph_string(cairo_t * cr, PangoFont
* font,
                                                    PangoGlyphString *
glyphs);
extern  void  pango_cairo_show_layout(cairo_t  *  cr,  PangoLayout  *
layout);
extern void pango_cairo_show_layout_line(cairo_t * cr,
                                         PangoLayoutLine * line);
extern void pango_cairo_update_context(cairo_t * cr,
                                       PangoContext * context);
extern void pango_cairo_update_layout(cairo_t * cr, PangoLayout *
layout);
```

16.17 Interfaces for libpangoxft-1.0

Table 16-78 defines the library name and shared object name for the libpangoxft-1.0 library

 © 2008 Linux Foundation

Table 16-78 libpangoxft-1.0 Definition

Library:	libpangoxft-1.0
SONAME:	libpangoxft-1.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Gobject 2.8] Gobject 2.8.6 Reference Manual

[Pango 1.10] Pango 1.10.4 Reference Manual

16.17.1 Pango Xft Fonts and Rendering library

16.17.1.1 Interfaces for Pango Xft Fonts and Rendering library

An LSB conforming implementation shall provide the generic functions for Pango Xft Fonts and Rendering library specified in Table 16-79, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-79 libpangoxft-1.0 - Pango Xft Fonts and Rendering library Function Interfaces

pango_xft_font_get_type [Gobject 2.8]	pango_xft_font_map_get_type [Gobject 2.8]
pango_xft_get_context [Pango 1.10]	pango_xft_get_font_map [Pango 1.10]
pango_xft_picture_render [Pango 1.10]	pango_xft_render [Pango 1.10]
pango_xft_render_layout [Pango 1.10]	pango_xft_render_layout_line [Pango 1.10]
pango_xft_render_transformed [Pango 1.10]	pango_xft_renderer_get_type [Gobject 2.8]
pango_xft_renderer_new [Pango 1.10]	pango_xft_renderer_set_default_color [Pango 1.10]
pango_xft_renderer_set_draw [Pango 1.10]	pango_xft_set_default_substitute [Pango 1.10]
pango_xft_shutdown_display [Pango 1.10]	pango_xft_substitute_changed [Pango 1.10]

16.18 Data Definitions for libpangoxft-1.0

This section defines global identifiers and their values that are associated with interfaces contained in libpangoxft-1.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference program-

ming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.18.1 pango-1.0/pango/pangoxft.h

```
#define PANGO_XFT_RENDERER_CLASS(klass)  \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
PANGO_TYPE_XFT_RENDERER, \
        PangoXftRendererClass))
#define PANGO_IS_XFT_RENDERER_CLASS(klass)       \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
PANGO_TYPE_XFT_RENDERER))
#define PANGO_XFT_FONT(object)   \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_XFT_FONT, \
        PangoXftFont))
#define PANGO_XFT_FONT_MAP(object)       \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_XFT_FONT_MAP, \
        PangoXftFontMap))
#define PANGO_XFT_RENDERER(object)       \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_XFT_RENDERER, \
        PangoXftRenderer))
#define PANGO_XFT_IS_FONT(object)        \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_XFT_FONT))
#define PANGO_XFT_IS_FONT_MAP(object)    \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_XFT_FONT_MAP))
#define PANGO_IS_XFT_RENDERER(object)    \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_XFT_RENDERER))
#define PANGO_XFT_RENDERER_GET_CLASS(obj)        \
                              (G_TYPE_INSTANCE_GET_CLASS    ((obj),
PANGO_TYPE_XFT_RENDERER, \
        PangoXftRendererClass))
#define PANGO_TYPE_XFT_FONT     (pango_xft_font_get_type ())
#define PANGO_TYPE_XFT_FONT_MAP (pango_xft_font_map_get_type ())
#define PANGO_TYPE_XFT_RENDERER (pango_xft_renderer_get_type())
#define PANGO_RENDER_TYPE_XFT   "PangoRenderXft"

typedef struct _PangoXftRenderer PangoXftRenderer;
typedef void (*PangoXftSubstituteFunc) (FcPattern *, gpointer);
typedef struct _PangoXftFontMap PangoXftFontMap;
typedef struct _PangoXftRendererClass {
    PangoRendererClass parent_class;
           void   (*composite_trapezoids)   (PangoXftRenderer   *,
PangoRenderPart,
                                  XTrapezoid *, int);
    void (*composite_glyphs) (PangoXftRenderer *, XftFont *,
                              XftGlyphSpec *, int);
} PangoXftRendererClass;
typedef struct _PangoFcFontClass PangoFcFontClass;
typedef struct _PangoFcFont PangoFcFont;
typedef struct _PangoXftFont PangoXftFont;
typedef struct _PangoXftRendererPrivate PangoXftRendererPrivate;
extern GType pango_xft_font_get_type(void);
extern GType pango_xft_font_map_get_type(void);
extern PangoContext *pango_xft_get_context(Display * display, int
screen);
extern  PangoFontMap  *pango_xft_get_font_map(Display  *  display,
int screen);
```

 © 2008 Linux Foundation

```
extern void pango_xft_picture_render(Display * display,
                                     Picture src_picture,
                                     Picture dest_picture,
                                     PangoFont * font,
                                       PangoGlyphString * glyphs,
gint x,
                                     gint y);
extern void pango_xft_render(XftDraw * draw, XftColor * color,
                             PangoFont * font, PangoGlyphString *
glyphs,
                            gint x, gint y);
extern  void  pango_xft_render_layout(XftDraw  *  draw,  XftColor  *
color,
                                     PangoLayout * layout, int x,
int y);
extern void pango_xft_render_layout_line(XftDraw * draw, XftColor
* color,
                                         PangoLayoutLine * line,
int x,
                                        int y);
extern void pango_xft_render_transformed(XftDraw * draw, XftColor
* color,
                                        PangoMatrix * matrix,
                                        PangoFont * font,
                                              PangoGlyphString *
glyphs, int x,
                                        int y);
extern GType pango_xft_renderer_get_type(void);
extern PangoRenderer *pango_xft_renderer_new(Display * display,
                                             int screen);
extern  void  pango_xft_renderer_set_default_color(PangoXftRenderer
*
                                                   xftrenderer,
                                                   PangoColor *
                                                   default_color);
extern    void    pango_xft_renderer_set_draw(PangoXftRenderer    *
xftrenderer,
                                            XftDraw * draw);
extern  void  pango_xft_set_default_substitute(Display  *  display,
int screen,
                                               PangoXftSubstituteFu
nc func,
                                               gpointer data,
                                                     GDestroyNotify
notify);
extern  void  pango_xft_shutdown_display(Display  *  display,  int
screen);
extern  void  pango_xft_substitute_changed(Display  *  display,  int
screen);
```

16.19 Interfaces for libpangoft2-1.0

Table 16-80 defines the library name and shared object name for the libpangoft2-1.0 library

Table 16-80 libpangoft2-1.0 Definition

Library:	libpangoft2-1.0
SONAME:	libpangoft2-1.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Gobject 2.8] Gobject 2.8.6 Reference Manual

[Pango 1.10] Pango 1.10.4 Reference Manual

16.19.1 Pango Freetype Fonts and Rendering library

16.19.1.1 Interfaces for Pango Freetype Fonts and Rendering library

An LSB conforming implementation shall provide the generic functions for Pango Freetype Fonts and Rendering library specified in Table 16-81, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-81 libpangoft2-1.0 - Pango Freetype Fonts and Rendering library Function Interfaces

pango_fc_decoder_get_charset [Pango 1.10]	pango_fc_decoder_get_glyph [Pango 1.10]
pango_fc_decoder_get_type [Gobject 2.8]	pango_fc_font_description_from_pattern [Pango 1.10]
pango_fc_font_get_type [Gobject 2.8]	pango_fc_font_lock_face [Pango 1.10]
pango_fc_font_map_add_decoder_find_func [Pango 1.10]	pango_fc_font_map_get_type [Gobject 2.8]
pango_fc_font_unlock_face [Pango 1.10]	pango_ft2_font_map_create_context [Pango 1.10]
pango_ft2_font_map_get_type [Gobject 2.8]	pango_ft2_font_map_new [Pango 1.10]
pango_ft2_font_map_set_default_substitute [Pango 1.10]	pango_ft2_font_map_set_resolution [Pango 1.10]
pango_ft2_font_map_substitute_changed [Pango 1.10]	pango_ft2_render [Pango 1.10]
pango_ft2_render_layout [Pango 1.10]	pango_ft2_render_layout_line [Pango 1.10]
pango_ft2_render_layout_line_subpixel [Pango 1.10]	pango_ft2_render_layout_subpixel [Pango 1.10]
pango_ft2_render_transformed [Pango 1.10]	

16.20 Data Definitions for libpangoft2-1.0

This section defines global identifiers and their values that are associated with interfaces contained in libpangoft2-1.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C lan-

 © 2008 Linux Foundation

guage is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.20.1 pango-1.0/pango/pangofc-decoder.h

```
#define PANGO_FC_DECODER_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_CAST ((klass), PANGO_TYPE_FC_DECODER,
\
        PangoFcDecoderClass))
#define PANGO_IS_FC_DECODER_CLASS(klass)         \
                            (G_TYPE_CHECK_CLASS_TYPE    ((klass),
PANGO_TYPE_FC_DECODER))
#define PANGO_FC_DECODER(object)         \
                        (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_FC_DECODER, \
        PangoFcDecoder))
#define PANGO_IS_FC_DECODER(object)      \
                        (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_FC_DECODER))
#define PANGO_FC_DECODER_GET_CLASS(obj)  \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), PANGO_TYPE_FC_DECODER,
\
        PangoFcDecoderClass))
#define PANGO_TYPE_FC_DECODER   (pango_fc_decoder_get_type())

typedef struct _PangoFcDecoder {
    GObject parent_instance;
} PangoFcDecoder;
typedef struct _PangoFcDecoderClass {
    GObjectClass parent_class;
    FcCharSet *(*get_charset) (PangoFcDecoder *, PangoFcFont *);
       PangoGlyph(*get_glyph) (PangoFcDecoder *, PangoFcFont *,
guint32);
    void (*_pango_reserved1) (void);
    void (*_pango_reserved2) (void);
    void (*_pango_reserved3) (void);
    void (*_pango_reserved4) (void);
} PangoFcDecoderClass;
extern  FcCharSet  *pango_fc_decoder_get_charset(PangoFcDecoder  *
decoder,
                                                 PangoFcFont *
fcfont);
extern  PangoGlyph  pango_fc_decoder_get_glyph(PangoFcDecoder  *
decoder,
                                                 PangoFcFont *
fcfont,
                                              guint32 wc);
extern GType pango_fc_decoder_get_type(void);
```

16.20.2 pango-1.0/pango/pangofc-fontmap.h

```
#define PANGO_FC_FONT_MAP(object)        \
                        (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_FC_FONT_MAP, \
        PangoFcFontMap))
#define PANGO_IS_FC_FONT_MAP(object)     \
                        (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_FC_FONT_MAP))
#define PANGO_TYPE_FC_FONT_MAP  (pango_fc_font_map_get_type ())

typedef struct _PangoFcFontMap PangoFcFontMap;
typedef  PangoFcDecoder  *(*PangoFcDecoderFindFunc)  (FcPattern  *,
```

```
gpointer);
typedef struct _PangoFcFontMapClass PangoFcFontMapClass;
extern PangoFontDescription
    *pango_fc_font_description_from_pattern(FcPattern * pattern,
                                                          gboolean
include_size);
extern                                                        void
pango_fc_font_map_add_decoder_find_func(PangoFcFontMap *
                                                       fcfontmap,
                                                        PangoFcDecode
rFindFunc
                                                       findfunc,
                                                             gpointer
user_data,
                                                        GDestroyNotif
y
                                                       dnotify);
extern GType pango_fc_font_map_get_type(void);
```

16.20.3 pango-1.0/pango/pangoft2.h

```
#define PANGO_FC_FONT(object)    \
                         (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_FC_FONT, \
        PangoFcFont))
#define PANGO_FT2_FONT_MAP(object)       \
                         (G_TYPE_CHECK_INSTANCE_CAST   ((object),
PANGO_TYPE_FT2_FONT_MAP, \
        PangoFT2FontMap))
#define PANGO_IS_FC_FONT(object)         \
                         (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_FC_FONT))
#define PANGO_FT2_IS_FONT_MAP(object)    \
                         (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
PANGO_TYPE_FT2_FONT_MAP))
#define PANGO_TYPE_FC_FONT      (pango_fc_font_get_type ())
#define PANGO_TYPE_FT2_FONT_MAP (pango_ft2_font_map_get_type ())

typedef struct _PangoFT2FontMap PangoFT2FontMap;
typedef void (*PangoFT2SubstituteFunc) (FcPattern *, gpointer);
extern GType pango_fc_font_get_type(void);
extern FT_Face pango_fc_font_lock_face(PangoFcFont * font);
extern void pango_fc_font_unlock_face(PangoFcFont * font);
extern                                                 PangoContext
*pango_ft2_font_map_create_context(PangoFT2FontMap *
                                                         fontmap);
extern GType pango_ft2_font_map_get_type(void);
extern PangoFontMap *pango_ft2_font_map_new(void);
extern                                                       void
pango_ft2_font_map_set_default_substitute(PangoFT2FontMap *
                                                      fontmap,
                                                       PangoFT2Sub
stituteFunc
                                                             func,
gpointer data,
                                                       GDestroyNot
ify
                                                      notify);
extern  void  pango_ft2_font_map_set_resolution(PangoFT2FontMap  *
fontmap,
                                                     double dpi_x,
double dpi_y);
extern  void  pango_ft2_font_map_substitute_changed(PangoFT2FontMap
*
```

 © 2008 Linux Foundation

```
                                                    fontmap);
extern  void  pango_ft2_render(FT_Bitmap  *  bitmap,  PangoFont  *
font,
                                  PangoGlyphString * glyphs, int x,
int y);
extern void pango_ft2_render_layout(FT_Bitmap * bitmap,
                                      PangoLayout * layout, int x,
int y);
extern void pango_ft2_render_layout_line(FT_Bitmap * bitmap,
                                         PangoLayoutLine * line,
int x,
                                        int y);
extern   void   pango_ft2_render_layout_line_subpixel(FT_Bitmap   *
bitmap,
                                                    PangoLayoutLine
* line,
                                                   int x, int y);
extern void pango_ft2_render_layout_subpixel(FT_Bitmap * bitmap,
                                                      PangoLayout *
layout, int x,
                                                 int y);
extern void pango_ft2_render_transformed(FT_Bitmap * bitmap,
                                           const PangoMatrix *
matrix,
                                        PangoFont * font,
                                          PangoGlyphString *
glyphs, int x,
                                        int y);
```

16.21 Interfaces for libgdk_pixbuf-2.0

Table 16-82 defines the library name and shared object name for the libgdk_pixbuf-2.0 library

Table 16-82 libgdk_pixbuf-2.0 Definition

Library:	libgdk_pixbuf-2.0
SONAME:	libgdk_pixbuf-2.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Gdk-pixbuf 2.8] Gdk-pixbuf 2.8.20 Reference Manual
[Gobject 2.8] Gobject 2.8.6 Reference Manual

16.21.1 GDK pixbuf rendering on drawables library

16.21.1.1 Interfaces for GDK pixbuf rendering on drawables library

An LSB conforming implementation shall provide the generic functions for GDK pixbuf rendering on drawables library specified in Table 16-83, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-83 libgdk_pixbuf-2.0 - GDK pixbuf rendering on drawables library Function Interfaces

gdk_colorspace_get_type [Gobject 2.8]	gdk_interp_type_get_type [Gobject 2.8]
gdk_pixbuf_add_alpha [Gdk-pixbuf 2.8]	gdk_pixbuf_alpha_mode_get_type [Gobject 2.8]

gdk_pixbuf_animation_get_height [Gdk-pixbuf 2.8]	gdk_pixbuf_animation_get_iter [Gdk-pixbuf 2.8]
gdk_pixbuf_animation_get_static_image [Gdk-pixbuf 2.8]	gdk_pixbuf_animation_get_type [Gobject 2.8]
gdk_pixbuf_animation_get_width [Gdk-pixbuf 2.8]	gdk_pixbuf_animation_is_static_image [Gdk-pixbuf 2.8]
gdk_pixbuf_animation_iter_advance [Gdk-pixbuf 2.8]	gdk_pixbuf_animation_iter_get_delay_time [Gdk-pixbuf 2.8]
gdk_pixbuf_animation_iter_get_pixbuf [Gdk-pixbuf 2.8]	gdk_pixbuf_animation_iter_get_type [Gobject 2.8]
gdk_pixbuf_animation_iter_on_currently_loading_frame [Gdk-pixbuf 2.8]	gdk_pixbuf_animation_new_from_file [Gdk-pixbuf 2.8]
gdk_pixbuf_composite [Gdk-pixbuf 2.8]	gdk_pixbuf_composite_color [Gdk-pixbuf 2.8]
gdk_pixbuf_composite_color_simple [Gdk-pixbuf 2.8]	gdk_pixbuf_copy [Gdk-pixbuf 2.8]
gdk_pixbuf_copy_area [Gdk-pixbuf 2.8]	gdk_pixbuf_error_get_type [Gobject 2.8]
gdk_pixbuf_error_quark [Gdk-pixbuf 2.8]	gdk_pixbuf_fill [Gdk-pixbuf 2.8]
gdk_pixbuf_flip [Gdk-pixbuf 2.8]	gdk_pixbuf_format_get_description [Gdk-pixbuf 2.8]
gdk_pixbuf_format_get_extensions [Gdk-pixbuf 2.8]	gdk_pixbuf_format_get_license [Gdk-pixbuf 2.8]
gdk_pixbuf_format_get_mime_types [Gdk-pixbuf 2.8]	gdk_pixbuf_format_get_name [Gdk-pixbuf 2.8]
gdk_pixbuf_format_is_disabled [Gdk-pixbuf 2.8]	gdk_pixbuf_format_is_scalable [Gdk-pixbuf 2.8]
gdk_pixbuf_format_is_writable [Gdk-pixbuf 2.8]	gdk_pixbuf_format_set_disabled [Gdk-pixbuf 2.8]
gdk_pixbuf_from_pixdata [Gdk-pixbuf 2.8]	gdk_pixbuf_get_bits_per_sample [Gdk-pixbuf 2.8]
gdk_pixbuf_get_colorspace [Gdk-pixbuf 2.8]	gdk_pixbuf_get_file_info [Gdk-pixbuf 2.8]
gdk_pixbuf_get_formats [Gdk-pixbuf 2.8]	gdk_pixbuf_get_has_alpha [Gdk-pixbuf 2.8]
gdk_pixbuf_get_height [Gdk-pixbuf 2.8]	gdk_pixbuf_get_n_channels [Gdk-pixbuf 2.8]
gdk_pixbuf_get_option [Gdk-pixbuf 2.8]	gdk_pixbuf_get_pixels [Gdk-pixbuf 2.8]
gdk_pixbuf_get_rowstride [Gdk-pixbuf 2.8]	gdk_pixbuf_get_type [Gobject 2.8]
gdk_pixbuf_get_width [Gdk-pixbuf 2.8]	gdk_pixbuf_loader_close [Gdk-pixbuf 2.8]
gdk_pixbuf_loader_get_animation	gdk_pixbuf_loader_get_format

© 2008 Linux Foundation

[Gdk-pixbuf 2.8]	[Gdk-pixbuf 2.8]
gdk_pixbuf_loader_get_pixbuf [Gdk-pixbuf 2.8]	gdk_pixbuf_loader_get_type [Gobject 2.8]
gdk_pixbuf_loader_new [Gdk-pixbuf 2.8]	gdk_pixbuf_loader_new_with_mime_type [Gdk-pixbuf 2.8]
gdk_pixbuf_loader_new_with_type [Gdk-pixbuf 2.8]	gdk_pixbuf_loader_set_size [Gdk-pixbuf 2.8]
gdk_pixbuf_loader_write [Gdk-pixbuf 2.8]	gdk_pixbuf_new [Gdk-pixbuf 2.8]
gdk_pixbuf_new_from_data [Gdk-pixbuf 2.8]	gdk_pixbuf_new_from_file [Gdk-pixbuf 2.8]
gdk_pixbuf_new_from_file_at_scale [Gdk-pixbuf 2.8]	gdk_pixbuf_new_from_file_at_size [Gdk-pixbuf 2.8]
gdk_pixbuf_new_from_inline [Gdk-pixbuf 2.8]	gdk_pixbuf_new_from_xpm_data [Gdk-pixbuf 2.8]
gdk_pixbuf_new_subpixbuf [Gdk-pixbuf 2.8]	gdk_pixbuf_rotate_simple [Gdk-pixbuf 2.8]
gdk_pixbuf_rotation_get_type [Gobject 2.8]	gdk_pixbuf_saturate_and_pixelate [Gdk-pixbuf 2.8]
gdk_pixbuf_save [Gdk-pixbuf 2.8]	gdk_pixbuf_save_to_buffer [Gdk-pixbuf 2.8]
gdk_pixbuf_save_to_bufferv [Gdk-pixbuf 2.8]	gdk_pixbuf_save_to_callback [Gdk-pixbuf 2.8]
gdk_pixbuf_save_to_callbackv [Gdk-pixbuf 2.8]	gdk_pixbuf_savev [Gdk-pixbuf 2.8]
gdk_pixbuf_scale [Gdk-pixbuf 2.8]	gdk_pixbuf_scale_simple [Gdk-pixbuf 2.8]
gdk_pixbuf_simple_anim_add_frame [Gdk-pixbuf 2.8]	gdk_pixbuf_simple_anim_get_type [Gobject 2.8]
gdk_pixbuf_simple_anim_iter_get_type [Gobject 2.8]	gdk_pixbuf_simple_anim_new [Gdk-pixbuf 2.8]
gdk_pixdata_deserialize [Gdk-pixbuf 2.8]	gdk_pixdata_from_pixbuf [Gdk-pixbuf 2.8]
gdk_pixdata_serialize [Gdk-pixbuf 2.8]	gdk_pixdata_to_csource [Gdk-pixbuf 2.8]

An LSB conforming implementation shall provide the generic data interfaces for GDK pixbuf rendering on drawables library specified in Table 16-84, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-84 libgdk_pixbuf-2.0 - GDK pixbuf rendering on drawables library Data Interfaces

gdk_pixbuf_major_version [Gdk-pixbuf 2.8]	gdk_pixbuf_micro_version [Gdk-pixbuf 2.8]
gdk_pixbuf_minor_version [Gdk-pixbuf 2.8]	gdk_pixbuf_version [Gdk-pixbuf 2.8]

16.22 Data Definitions for libgdk_pixbuf-2.0

This section defines global identifiers and their values that are associated with interfaces contained in libgdk_pixbuf-2.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.22.1 gtk-2.0/gdk-pixbuf/gdk-pixbuf.h

```
#define GDK_TYPE_PIXBUF_ANIMATION_ITER   \
        (gdk_pixbuf_animation_iter_get_type ())
#define GDK_PIXBUF_LOADER_CLASS(klass)   \
                            (G_TYPE_CHECK_CLASS_CAST    ((klass),
GDK_TYPE_PIXBUF_LOADER, \
        GdkPixbufLoaderClass))
#define GDK_IS_PIXBUF_LOADER_CLASS(klass)        \
                            (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GDK_TYPE_PIXBUF_LOADER))
#define GDK_PIXBUF_LOADER(obj)   \
                           (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GDK_TYPE_PIXBUF_LOADER, \
        GdkPixbufLoader))
#define GDK_PIXBUF(object)       \
          (G_TYPE_CHECK_INSTANCE_CAST ((object), GDK_TYPE_PIXBUF,
GdkPixbuf))
#define GDK_PIXBUF_ANIMATION(object)     \
                         (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GDK_TYPE_PIXBUF_ANIMATION, \
        GdkPixbufAnimation))
#define GDK_PIXBUF_ANIMATION_ITER(object)        \
        (G_TYPE_CHECK_INSTANCE_CAST ((object), \
        GDK_TYPE_PIXBUF_ANIMATION_ITER, GdkPixbufAnimationIter))
#define GDK_IS_PIXBUF_LOADER(obj)        \
                           (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GDK_TYPE_PIXBUF_LOADER))
#define GDK_IS_PIXBUF(object)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GDK_TYPE_PIXBUF))
#define GDK_IS_PIXBUF_ANIMATION(object)  \
                         (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GDK_TYPE_PIXBUF_ANIMATION))
#define GDK_IS_PIXBUF_ANIMATION_ITER(object)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), \
        GDK_TYPE_PIXBUF_ANIMATION_ITER))
#define GDK_PIXBUF_LOADER_GET_CLASS(obj)         \
                            (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GDK_TYPE_PIXBUF_LOADER, \
        GdkPixbufLoaderClass))
#define GDK_PIXBUF_MICRO        (10)
```

 © 2008 Linux Foundation

```
#define GDK_PIXBUF_MAJOR        (2)
#define GDK_PIXBUF_MINOR        (6)
#define GDK_TYPE_COLORSPACE     (gdk_colorspace_get_type())
#define GDK_TYPE_INTERP_TYPE    (gdk_interp_type_get_type())
#define                                 GDK_TYPE_PIXBUF_ALPHA_MODE
(gdk_pixbuf_alpha_mode_get_type())
#define                                  GDK_TYPE_PIXBUF_ANIMATION
(gdk_pixbuf_animation_get_type ())
#define GDK_TYPE_PIXBUF_ERROR   (gdk_pixbuf_error_get_type())
#define GDK_TYPE_PIXBUF (gdk_pixbuf_get_type ())
#define GDK_TYPE_PIXBUF_LOADER  (gdk_pixbuf_loader_get_type ())
#define                                   GDK_TYPE_PIXBUF_ROTATION
(gdk_pixbuf_rotation_get_type())
#define                                GDK_TYPE_PIXBUF_SIMPLE_ANIM
(gdk_pixbuf_simple_anim_get_type ())
#define                         GDK_PIXBUF_SIMPLE_ANIM_CLASS(klass)
(G_TYPE_CHECK_CLASS_CAST  ((klass),  GDK_TYPE_PIXBUF_SIMPLE_ANIM,
GdkPixbufSimpleAnimClass))

#define                     GDK_IS_PIXBUF_SIMPLE_ANIM_CLASS(klass)
(G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_PIXBUF_SIMPLE_ANIM))
#define                               GDK_PIXBUF_SIMPLE_ANIM(object)
(G_TYPE_CHECK_INSTANCE_CAST                                 ((object),
GDK_TYPE_PIXBUF_SIMPLE_ANIM, GdkPixbufSimpleAnim))
#define                           GDK_IS_PIXBUF_SIMPLE_ANIM(object)
(G_TYPE_CHECK_INSTANCE_TYPE                                 ((object),
GDK_TYPE_PIXBUF_SIMPLE_ANIM))
#define                        GDK_PIXBUF_SIMPLE_ANIM_GET_CLASS(obj)
(G_TYPE_INSTANCE_GET_CLASS  ((obj),  GDK_TYPE_PIXBUF_SIMPLE_ANIM,
GdkPixbufSimpleAnimClass))
#define GDK_PIXBUF_VERSION      "2.8.11"
#define GDK_PIXBUF_VAR  extern
#define GDK_PIXBUF_ERROR        gdk_pixbuf_error_quark ()

typedef struct _GdkPixbuf GdkPixbuf;
typedef  gboolean(*GdkPixbufSaveFunc)  (const  gchar  *,  gsize,
GError * *,
                                        gpointer);
typedef struct _GdkPixbufLoader {
    GObject parent_instance;
    gpointer priv;
} GdkPixbufLoader;
typedef struct _GdkPixbufFormat GdkPixbufFormat;
typedef enum {
    GDK_INTERP_NEAREST = 0,
    GDK_INTERP_TILES = 1,
    GDK_INTERP_BILINEAR = 2,
    GDK_INTERP_HYPER = 3
} GdkInterpType;
typedef enum {
    GDK_COLORSPACE_RGB = 0
} GdkColorspace;
typedef void (*GdkPixbufDestroyNotify) (guchar *, gpointer);
typedef struct _GdkPixbufAnimationIter GdkPixbufAnimationIter;
typedef struct _GdkPixbufAnimation GdkPixbufAnimation;
typedef enum {
    GDK_PIXBUF_ROTATE_NONE = 0,
    GDK_PIXBUF_ROTATE_COUNTERCLOCKWISE = 90,
    GDK_PIXBUF_ROTATE_UPSIDEDOWN = 180,
    GDK_PIXBUF_ROTATE_CLOCKWISE = 270
} GdkPixbufRotation;
typedef struct _GdkPixbufLoaderClass {
    GObjectClass parent_class;
    void (*size_prepared) (GdkPixbufLoader *, int, int);
    void (*area_prepared) (GdkPixbufLoader *);
    void (*area_updated) (GdkPixbufLoader *, int, int, int, int);
```

```
    void (*closed) (GdkPixbufLoader *);
} GdkPixbufLoaderClass;
typedef enum {
    GDK_PIXBUF_ERROR_CORRUPT_IMAGE,
    GDK_PIXBUF_ERROR_INSUFFICIENT_MEMORY,
    GDK_PIXBUF_ERROR_BAD_OPTION,
    GDK_PIXBUF_ERROR_UNKNOWN_TYPE,
    GDK_PIXBUF_ERROR_UNSUPPORTED_OPERATION,
    GDK_PIXBUF_ERROR_FAILED
} GdkPixbufError;
typedef enum {
    GDK_PIXBUF_ALPHA_BILEVEL,
    GDK_PIXBUF_ALPHA_FULL
} GdkPixbufAlphaMode;
typedef struct _GdkPixbufSimpleAnim GdkPixbufSimpleAnim;
typedef              struct              _GdkPixbufSimpleAnimClass
GdkPixbufSimpleAnimClass;
extern GType gdk_colorspace_get_type(void);
extern GType gdk_interp_type_get_type(void);
extern GdkPixbuf *gdk_pixbuf_add_alpha(const GdkPixbuf * pixbuf,
                                       gboolean substitute_color,
guchar r,
                                       guchar g, guchar b);
extern GType gdk_pixbuf_alpha_mode_get_type(void);
extern  int  gdk_pixbuf_animation_get_height(GdkPixbufAnimation  *
animation);
extern GdkPixbufAnimationIter
            *gdk_pixbuf_animation_get_iter(GdkPixbufAnimation   *
animation,
                                     const GTimeVal * start_time);
extern                                                  GdkPixbuf
*gdk_pixbuf_animation_get_static_image(GdkPixbufAnimation
                                                                *
animation);
extern GType gdk_pixbuf_animation_get_type(void);
extern  int  gdk_pixbuf_animation_get_width(GdkPixbufAnimation  *
animation);
extern                                                    gboolean
gdk_pixbuf_animation_is_static_image(GdkPixbufAnimation *
                                                       animation);
extern                                                    gboolean
gdk_pixbuf_animation_iter_advance(GdkPixbufAnimationIter *
                                                    iter,
                                                      const GTimeVal
*
                                                    current_time);
extern                                                         int
gdk_pixbuf_animation_iter_get_delay_time(GdkPixbufAnimationIter
                                                       * iter);
extern GdkPixbuf
      *gdk_pixbuf_animation_iter_get_pixbuf(GdkPixbufAnimationIter
* iter);
extern GType gdk_pixbuf_animation_iter_get_type(void);
extern gboolean
gdk_pixbuf_animation_iter_on_currently_loading_frame(GdkPixbufAni
mationIter
                                                       * iter);
extern                                             GdkPixbufAnimation
*gdk_pixbuf_animation_new_from_file(const char
                                                                *fi
lename,
                                                                GEr
ror *
                                                                *er
ror);
extern void gdk_pixbuf_composite(const GdkPixbuf * src, GdkPixbuf
```

 © 2008 Linux Foundation

```
* dest,
                                        int dest_x, int dest_y, int
dest_width,
                                            int dest_height, double
offset_x,
                                    double offset_y, double scale_x,
                                       double scale_y, GdkInterpType
interp_type,
                                    int overall_alpha);
extern void gdk_pixbuf_composite_color(const GdkPixbuf * src,
                                             GdkPixbuf * dest, int
dest_x,
                                                    int dest_y, int
dest_width,
                                            int dest_height, double
offset_x,
                                            double offset_y, double
scale_x,
                                         double scale_y,
                                         GdkInterpType interp_type,
                                             int overall_alpha, int
check_x,
                                                   int check_y, int
check_size,
                                            guint32 color1, guint32
color2);
extern     GdkPixbuf     *gdk_pixbuf_composite_color_simple(const
GdkPixbuf * src,
                                                                  int
dest_width,
                                                                  int
dest_height,
                                                     GdkInterpType
                                                     interp_type,
                                                                  int
overall_alpha,
                                                                  int
check_size,
                                                               guint32
color1,
                                                               guint32
color2);
extern GdkPixbuf *gdk_pixbuf_copy(const GdkPixbuf * pixbuf);
extern  void  gdk_pixbuf_copy_area(const  GdkPixbuf  *  src_pixbuf,
int src_x,
                                         int src_y, int width, int
height,
                                       GdkPixbuf * dest_pixbuf, int
dest_x,
                                    int dest_y);
extern GType gdk_pixbuf_error_get_type(void);
extern GQuark gdk_pixbuf_error_quark(void);
extern void gdk_pixbuf_fill(GdkPixbuf * pixbuf, guint32 pixel);
extern GdkPixbuf *gdk_pixbuf_flip(const GdkPixbuf * src,
                                     gboolean horizontal);
extern gchar *gdk_pixbuf_format_get_description(GdkPixbufFormat *
format);
extern gchar **gdk_pixbuf_format_get_extensions(GdkPixbufFormat *
format);
extern   gchar   *gdk_pixbuf_format_get_license(GdkPixbufFormat   *
format);
extern gchar **gdk_pixbuf_format_get_mime_types(GdkPixbufFormat *
format);
extern    gchar    *gdk_pixbuf_format_get_name(GdkPixbufFormat    *
format);
extern  gboolean  gdk_pixbuf_format_is_disabled(GdkPixbufFormat  *
```

```
format);
extern  gboolean  gdk_pixbuf_format_is_scalable(GdkPixbufFormat  *
format);
extern  gboolean  gdk_pixbuf_format_is_writable(GdkPixbufFormat  *
format);
extern   void   gdk_pixbuf_format_set_disabled(GdkPixbufFormat   *
format,
                                               gboolean disabled);
extern   int   gdk_pixbuf_get_bits_per_sample(const   GdkPixbuf   *
pixbuf);
extern GdkColorspace gdk_pixbuf_get_colorspace(const GdkPixbuf *
pixbuf);
extern  GdkPixbufFormat  *gdk_pixbuf_get_file_info(const  gchar  *
filename,
                                                   gint * width,
                                                   gint * height);
extern GSList *gdk_pixbuf_get_formats(void);
extern   gboolean   gdk_pixbuf_get_has_alpha(const   GdkPixbuf   *
pixbuf);
extern int gdk_pixbuf_get_height(const GdkPixbuf * pixbuf);
extern int gdk_pixbuf_get_n_channels(const GdkPixbuf * pixbuf);
extern const gchar *gdk_pixbuf_get_option(GdkPixbuf * pixbuf,
                                          const gchar * key);
extern guchar *gdk_pixbuf_get_pixels(const GdkPixbuf * pixbuf);
extern int gdk_pixbuf_get_rowstride(const GdkPixbuf * pixbuf);
extern GType gdk_pixbuf_get_type(void);
extern int gdk_pixbuf_get_width(const GdkPixbuf * pixbuf);
extern gboolean gdk_pixbuf_loader_close(GdkPixbufLoader * loader,
                                        GError * *error);
extern                                          GdkPixbufAnimation
*gdk_pixbuf_loader_get_animation(GdkPixbufLoader
                                                                  *
loader);
extern                                            GdkPixbufFormat
*gdk_pixbuf_loader_get_format(GdkPixbufLoader *
                                                    loader);
extern  GdkPixbuf  *gdk_pixbuf_loader_get_pixbuf(GdkPixbufLoader  *
loader);
extern GType gdk_pixbuf_loader_get_type(void);
extern GdkPixbufLoader *gdk_pixbuf_loader_new(void);
extern                                            GdkPixbufLoader
*gdk_pixbuf_loader_new_with_mime_type(const char
                                                                  *mim
e_type,
                                                                  GErr
or *
                                                                  *err
or);
extern   GdkPixbufLoader   *gdk_pixbuf_loader_new_with_type(const
char
                                                               *image_ty
pe,
                                                                GError *
*error);
extern void gdk_pixbuf_loader_set_size(GdkPixbufLoader * loader,
                                       gint width, gint height);
extern gboolean gdk_pixbuf_loader_write(GdkPixbufLoader * loader,
                                        const guchar * buf, gsize
count,
                                        GError * *error);
extern const guint gdk_pixbuf_major_version;
extern const guint gdk_pixbuf_micro_version;
extern const guint gdk_pixbuf_minor_version;
extern GdkPixbuf *gdk_pixbuf_new(GdkColorspace colorspace,
                                 gboolean has_alpha, int
bits_per_sample,
```

 © 2008 Linux Foundation

```
                                int width, int height);
extern GdkPixbuf *gdk_pixbuf_new_from_data(const guchar * data,
                                                   GdkColorspace
colorspace,
                                           gboolean has_alpha,
                                             int bits_per_sample,
int width,
                                                  int height, int
rowstride,
                                           GdkPixbufDestroyNotify
                                           destroy_fn,
                                                            gpointer
destroy_fn_data);
extern GdkPixbuf *gdk_pixbuf_new_from_file(const char *filename,
                                           GError * *error);
extern  GdkPixbuf  *gdk_pixbuf_new_from_file_at_scale(const  char
*filename,
                                                      int width,
int height,
                                                    gboolean
                                                    preserve_aspe
ct_ratio,
                                                         GError *
*error);
extern  GdkPixbuf  *gdk_pixbuf_new_from_file_at_size(const  char
*filename,
                                                   int width, int
height,
                                                         GError *
*error);
extern GdkPixbuf *gdk_pixbuf_new_from_inline(gint data_length,
                                             const guint8 * data,
                                                         gboolean
copy_pixels,
                                             GError * *error);
extern    GdkPixbuf    *gdk_pixbuf_new_from_xpm_data(const    char
**data);
extern     GdkPixbuf     *gdk_pixbuf_new_subpixbuf(GdkPixbuf     *
src_pixbuf,
                                            int src_x, int src_y,
int width,
                                           int height);
extern GdkPixbuf *gdk_pixbuf_rotate_simple(const GdkPixbuf * src,
                                               GdkPixbufRotation
angle);
extern GType gdk_pixbuf_rotation_get_type(void);
extern  void  gdk_pixbuf_saturate_and_pixelate(const  GdkPixbuf  *
src,
                                             GdkPixbuf * dest,
                                             gfloat saturation,
                                             gboolean pixelate);
extern  gboolean  gdk_pixbuf_save(GdkPixbuf  *  pixbuf,  const  char
*filename,
                                        const char *type, GError *
*error, ...);
extern gboolean gdk_pixbuf_save_to_buffer(GdkPixbuf * pixbuf,
                                          gchar * *buffer,
                                          gsize * buffer_size,
                                          const char *type,
                                          GError * *error, ...);
extern gboolean gdk_pixbuf_save_to_bufferv(GdkPixbuf * pixbuf,
                                           gchar * *buffer,
                                           gsize * buffer_size,
                                           const char *type,
                                           char **option_keys,
                                           char **option_values,
```

```
                                                GError * *error);
extern gboolean gdk_pixbuf_save_to_callback(GdkPixbuf * pixbuf,
                                                    GdkPixbufSaveFunc
save_func,
                                                gpointer user_data,
                                                const char *type,
                                                            GError *
*error, ...);
extern gboolean gdk_pixbuf_save_to_callbackv(GdkPixbuf * pixbuf,
                                                    GdkPixbufSaveFunc
save_func,
                                                gpointer user_data,
                                                const char *type,
                                                char **option_keys,
                                                                  char
**option_values,
                                                GError * *error);
extern gboolean gdk_pixbuf_savev(GdkPixbuf * pixbuf, const char
*filename,
                                               const char *type, char
**option_keys,
                                      char **option_values, GError *
*error);
extern void gdk_pixbuf_scale(const GdkPixbuf * src, GdkPixbuf *
dest,
                                        int dest_x, int dest_y, int
dest_width,
                              int dest_height, double offset_x,
                              double offset_y, double scale_x,
                                     double scale_y, GdkInterpType
interp_type);
extern GdkPixbuf *gdk_pixbuf_scale_simple(const GdkPixbuf * src,
                                               int dest_width, int
dest_height,
                                                       GdkInterpType
interp_type);
extern  void  gdk_pixbuf_simple_anim_add_frame(GdkPixbufSimpleAnim
*
                                                animation,
                                                GdkPixbuf * pixbuf);
extern GType gdk_pixbuf_simple_anim_get_type(void);
extern GType gdk_pixbuf_simple_anim_iter_get_type(void);
extern    GdkPixbufSimpleAnim    *gdk_pixbuf_simple_anim_new(gint
width,
                                                             gint
height,
                                                           gfloat
rate);
extern const char *gdk_pixbuf_version;
```

16.22.2 gtk-2.0/gdk-pixbuf/gdk-pixdata.h

```
#define GDK_PIXBUF_MAGIC_NUMBER (0x47646b50)
#define GDK_PIXDATA_HEADER_LENGTH       (4 + 4 + 4 + 4 + 4 + 4)

typedef struct _GdkPixdata {
    guint32 magic;
    gint32 length;
    guint32 pixdata_type;
    guint32 rowstride;
    guint32 width;
    guint32 height;
    guint8 *pixel_data;
} GdkPixdata;
```

 © 2008 Linux Foundation

```
typedef enum {
    GDK_PIXDATA_DUMP_PIXDATA_STREAM = 0,
    GDK_PIXDATA_DUMP_PIXDATA_STRUCT = 1,
    GDK_PIXDATA_DUMP_MACROS = 2,
    GDK_PIXDATA_DUMP_GTYPES = 0,
    GDK_PIXDATA_DUMP_CTYPES = 256,
    GDK_PIXDATA_DUMP_STATIC = 512,
    GDK_PIXDATA_DUMP_CONST = 1024,
    GDK_PIXDATA_DUMP_RLE_DECODER = 65536
} GdkPixdataDumpType;
typedef enum {
    GDK_PIXDATA_COLOR_TYPE_RGB = 0x01,
    GDK_PIXDATA_COLOR_TYPE_RGBA = 0x02,
    GDK_PIXDATA_COLOR_TYPE_MASK = 0xff,
    GDK_PIXDATA_SAMPLE_WIDTH_8 = 0x01 << 16,
    GDK_PIXDATA_SAMPLE_WIDTH_MASK = 0x0f << 16,
    GDK_PIXDATA_ENCODING_RAW = 0x01 << 24,
    GDK_PIXDATA_ENCODING_RLE = 0x02 << 24,
    GDK_PIXDATA_ENCODING_MASK = 0x0f << 24
} GdkPixdataType;
extern  GdkPixbuf  *gdk_pixbuf_from_pixdata(const  GdkPixdata  *
pixdata,
                                            gboolean copy_pixels,
                                            GError * *error);
extern gboolean gdk_pixdata_deserialize(GdkPixdata * pixdata,
                                        guint stream_length,
                                        const guint8 * stream,
                                        GError * *error);
extern gpointer gdk_pixdata_from_pixbuf(GdkPixdata * pixdata,
                                        const GdkPixbuf * pixbuf,
                                        gboolean use_rle);
extern guint8 *gdk_pixdata_serialize(const GdkPixdata * pixdata,
                                     guint * stream_length_p);
extern GString *gdk_pixdata_to_csource(GdkPixdata * pixdata,
                                       const gchar * name,
                                              GdkPixdataDumpType
dump_type);
```

16.23 Interfaces for libgdk_pixbuf_xlib-2.0

Table 16-85 defines the library name and shared object name for the libgdk_pixbuf_xlib-2.0 library

Table 16-85 libgdk_pixbuf_xlib-2.0 Definition

Library:	libgdk_pixbuf_xlib-2.0
SONAME:	libgdk_pixbuf_xlib-2.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Gdk-pixbuf 2.8] Gdk-pixbuf 2.8.20 Reference Manual

16.23.1 GDK pixbuf rendering to an X drawable library

16.23.1.1 Interfaces for GDK pixbuf rendering to an X drawable library

An LSB conforming implementation shall provide the generic functions for GDK pixbuf rendering to an X drawable library specified in Table 16-86, with the full mandatory functionality as described in the referenced underlying spec-

ification.

Table 16-86 libgdk_pixbuf_xlib-2.0 - GDK pixbuf rendering to an X drawable library Function Interfaces

gdk_pixbuf_xlib_get_from_drawable [Gdk-pixbuf 2.8]	gdk_pixbuf_xlib_init [Gdk-pixbuf 2.8]
gdk_pixbuf_xlib_init_with_depth [Gdk-pixbuf 2.8]	gdk_pixbuf_xlib_render_pixmap_and_mask [Gdk-pixbuf 2.8]
gdk_pixbuf_xlib_render_threshold_alpha [Gdk-pixbuf 2.8]	gdk_pixbuf_xlib_render_to_drawable [Gdk-pixbuf 2.8]
gdk_pixbuf_xlib_render_to_drawable_alpha [Gdk-pixbuf 2.8]	xlib_draw_gray_image [Gdk-pixbuf 2.8]
xlib_draw_indexed_image [Gdk-pixbuf 2.8]	xlib_draw_rgb_32_image [Gdk-pixbuf 2.8]
xlib_draw_rgb_image [Gdk-pixbuf 2.8]	xlib_draw_rgb_image_dithalign [Gdk-pixbuf 2.8]
xlib_rgb_cmap_free [Gdk-pixbuf 2.8]	xlib_rgb_cmap_new [Gdk-pixbuf 2.8]
xlib_rgb_ditherable [Gdk-pixbuf 2.8]	xlib_rgb_gc_set_background [Gdk-pixbuf 2.8]
xlib_rgb_gc_set_foreground [Gdk-pixbuf 2.8]	xlib_rgb_get_cmap [Gdk-pixbuf 2.8]
xlib_rgb_get_depth [Gdk-pixbuf 2.8]	xlib_rgb_get_display [Gdk-pixbuf 2.8]
xlib_rgb_get_screen [Gdk-pixbuf 2.8]	xlib_rgb_get_visual [Gdk-pixbuf 2.8]
xlib_rgb_get_visual_info [Gdk-pixbuf 2.8]	xlib_rgb_init [Gdk-pixbuf 2.8]
xlib_rgb_init_with_depth [Gdk-pixbuf 2.8]	xlib_rgb_set_install [Gdk-pixbuf 2.8]
xlib_rgb_set_min_colors [Gdk-pixbuf 2.8]	xlib_rgb_set_verbose [Gdk-pixbuf 2.8]
xlib_rgb_xpixel_from_rgb [Gdk-pixbuf 2.8]	

16.24 Data Definitions for libgdk_pixbuf_xlib-2.0

This section defines global identifiers and their values that are associated with interfaces contained in libgdk_pixbuf_xlib-2.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference program-

 © 2008 Linux Foundation

ming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.24.1 gtk-2.0/gdk-pixbuf-xlib/gdk-pixbuf-xlib.h

```
typedef enum {
    XLIB_RGB_DITHER_NONE = 0,
    XLIB_RGB_DITHER_NORMAL = 1,
    XLIB_RGB_DITHER_MAX = 2
} XlibRgbDither;
typedef struct _XlibRgbCmap {
    unsigned int colors[256];
    unsigned char lut[256];
} XlibRgbCmap;
extern  GdkPixbuf  *gdk_pixbuf_xlib_get_from_drawable(GdkPixbuf  *
dest,
                                                      Drawable src,
                                                            Colormap
cmap,
                                                           Visual *
visual,
                                                         int src_x,
int src_y,
                                                        int dest_x,
int dest_y,
                                                         int width,
int height);
extern   void   gdk_pixbuf_xlib_init(Display   *   display,   int
screen_num);
extern void gdk_pixbuf_xlib_init_with_depth(Display * display,
                                                    int screen_num, int
prefDepth);
extern  void  gdk_pixbuf_xlib_render_pixmap_and_mask(GdkPixbuf  *
pixbuf,
                                                           Pixmap *
pixmap_return,
                                                           Pixmap *
mask_return,
                                                                int
alpha_threshold);
extern  void  gdk_pixbuf_xlib_render_threshold_alpha(GdkPixbuf  *
pixbuf,
                                                      Pixmap bitmap,
                                                       int src_x, int
src_y,
                                                          int dest_x,
int dest_y,
                                                       int width, int
height,
                                                                int
alpha_threshold);
extern   void   gdk_pixbuf_xlib_render_to_drawable(GdkPixbuf   *
pixbuf,
                                                   Drawable drawable,
GC gc,
                                                       int src_x, int
src_y,
                                                      int dest_x, int
dest_y,
                                                       int width, int
height,
                                                        XlibRgbDither
dither,
```

```
                                                    int x_dither, int
y_dither);
extern void gdk_pixbuf_xlib_render_to_drawable_alpha(GdkPixbuf *
pixbuf,
                                                        Drawable
drawable,
                                                      int src_x,
int src_y,
                                                    int dest_x,
                                                     int dest_y,
int width,
                                                    int height,
                                                     GdkPixbufAlp
haMode
                                                    alpha_mode,
                                                             int
alpha_threshold,
                                                     XlibRgbDithe
r dither,
                                                             int
x_dither,
                                                             int
y_dither);
extern void xlib_draw_gray_image(Drawable drawable, GC gc, int x,
int y,
                                                int width, int height,
XlibRgbDither dith,
                                               unsigned char *buf, int
rowstride);
extern void xlib_draw_indexed_image(Drawable drawable, GC gc, int
x, int y,
                                        int width, int height,
                                          XlibRgbDither dith, unsigned
char *buf,
                                          int rowstride, XlibRgbCmap *
cmap);
extern void xlib_draw_rgb_32_image(Drawable drawable, GC gc, int
x, int y,
                                       int width, int height,
                                          XlibRgbDither dith, unsigned
char *buf,
                                       int rowstride);
extern void xlib_draw_rgb_image(Drawable drawable, GC gc, int x,
int y,
                                                int width, int height,
XlibRgbDither dith,
                                           unsigned char *rgb_buf, int
rowstride);
extern void xlib_draw_rgb_image_dithalign(Drawable drawable, GC
gc, int x,
                                             int y, int width, int
height,
                                           XlibRgbDither dith,
                                           unsigned char *rgb_buf,
                                                int rowstride, int
xdith,
                                           int ydith);
extern void xlib_rgb_cmap_free(XlibRgbCmap * cmap);
extern XlibRgbCmap *xlib_rgb_cmap_new(guint32 * colors, int
n_colors);
extern int xlib_rgb_ditherable(void);
extern void xlib_rgb_gc_set_background(GC gc, guint32 rgb);
extern void xlib_rgb_gc_set_foreground(GC gc, guint32 rgb);
extern Colormap xlib_rgb_get_cmap(void);
extern int xlib_rgb_get_depth(void);
extern Display *xlib_rgb_get_display(void);
```

 © 2008 Linux Foundation

```
extern Screen *xlib_rgb_get_screen(void);
extern Visual *xlib_rgb_get_visual(void);
extern XVisualInfo *xlib_rgb_get_visual_info(void);
extern void xlib_rgb_init(Display * display, Screen * screen);
extern void xlib_rgb_init_with_depth(Display * display, Screen *
screen,
                                     int prefDepth);
extern void xlib_rgb_set_install(int install);
extern void xlib_rgb_set_min_colors(int min_colors);
extern void xlib_rgb_set_verbose(int verbose);
extern long unsigned int xlib_rgb_xpixel_from_rgb(guint32 rgb);
```

16.25 Interfaces for libgdk-x11-2.0

Table 16-87 defines the library name and shared object name for the libgdk-x11-2.0 library

Table 16-87 libgdk-x11-2.0 Definition

Library:	libgdk-x11-2.0
SONAME:	libgdk-x11-2.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Gdk 2.8] Gdk 2.8.20 Reference Manual

[Gobject 2.8] Gobject 2.8.6 Reference Manual

16.25.1 GTK Drawing toolkit

16.25.1.1 Interfaces for GTK Drawing toolkit

An LSB conforming implementation shall provide the generic functions for GTK Drawing toolkit specified in Table 16-88, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-88 libgdk-x11-2.0 - GTK Drawing toolkit Function Interfaces

gdk_add_client_message_filter [Gdk 2.8]	gdk_atom_intern [Gdk 2.8]
gdk_atom_name [Gdk 2.8]	gdk_axis_use_get_type [Gobject 2.8]
gdk_beep [Gdk 2.8]	gdk_bitmap_create_from_data [Gdk 2.8]
gdk_byte_order_get_type [Gobject 2.8]	gdk_cairo_create [Gdk 2.8]
gdk_cairo_rectangle [Gdk 2.8]	gdk_cairo_region [Gdk 2.8]
gdk_cairo_set_source_color [Gdk 2.8]	gdk_cairo_set_source_pixbuf [Gdk 2.8]
gdk_cap_style_get_type [Gobject 2.8]	gdk_color_copy [Gdk 2.8]
gdk_color_equal [Gdk 2.8]	gdk_color_free [Gdk 2.8]
gdk_color_get_type [Gobject 2.8]	gdk_color_hash [Gdk 2.8]
gdk_color_parse [Gdk 2.8]	gdk_colormap_alloc_color [Gdk 2.8]
gdk_colormap_alloc_colors [Gdk 2.8]	gdk_colormap_free_colors [Gdk 2.8]
gdk_colormap_get_screen [Gdk 2.8]	gdk_colormap_get_system [Gdk 2.8]

gdk_colormap_get_type [Gobject 2.8]	gdk_colormap_get_visual [Gdk 2.8]
gdk_colormap_new [Gdk 2.8]	gdk_colormap_query_color [Gdk 2.8]
gdk_crossing_mode_get_type [Gobject 2.8]	gdk_cursor_get_display [Gdk 2.8]
gdk_cursor_get_image [Gdk 2.8]	gdk_cursor_get_type [Gobject 2.8]
gdk_cursor_new [Gdk 2.8]	gdk_cursor_new_for_display [Gdk 2.8]
gdk_cursor_new_from_name [Gdk 2.8]	gdk_cursor_new_from_pixbuf [Gdk 2.8]
gdk_cursor_new_from_pixmap [Gdk 2.8]	gdk_cursor_ref [Gdk 2.8]
gdk_cursor_type_get_type [Gobject 2.8]	gdk_cursor_unref [Gdk 2.8]
gdk_device_free_history [Gdk 2.8]	gdk_device_get_axis [Gdk 2.8]
gdk_device_get_core_pointer [Gdk 2.8]	gdk_device_get_history [Gdk 2.8]
gdk_device_get_state [Gdk 2.8]	gdk_device_get_type [Gobject 2.8]
gdk_device_set_axis_use [Gdk 2.8]	gdk_device_set_key [Gdk 2.8]
gdk_device_set_mode [Gdk 2.8]	gdk_device_set_source [Gdk 2.8]
gdk_devices_list [Gdk 2.8]	gdk_display_add_client_message_filter [Gdk 2.8]
gdk_display_beep [Gdk 2.8]	gdk_display_close [Gdk 2.8]
gdk_display_flush [Gdk 2.8]	gdk_display_get_core_pointer [Gdk 2.8]
gdk_display_get_default [Gdk 2.8]	gdk_display_get_default_cursor_size [Gdk 2.8]
gdk_display_get_default_group [Gdk 2.8]	gdk_display_get_default_screen [Gdk 2.8]
gdk_display_get_event [Gdk 2.8]	gdk_display_get_maximal_cursor_size [Gdk 2.8]
gdk_display_get_n_screens [Gdk 2.8]	gdk_display_get_name [Gdk 2.8]
gdk_display_get_pointer [Gdk 2.8]	gdk_display_get_screen [Gdk 2.8]
gdk_display_get_type [Gobject 2.8]	gdk_display_get_window_at_pointer [Gdk 2.8]
gdk_display_keyboard_ungrab [Gdk 2.8]	gdk_display_list_devices [Gdk 2.8]
gdk_display_manager_get [Gdk 2.8]	gdk_display_manager_get_default_display [Gdk 2.8]
gdk_display_manager_get_type [Gobject 2.8]	gdk_display_manager_list_displays [Gdk 2.8]
gdk_display_manager_set_default_display [Gdk 2.8]	gdk_display_open [Gdk 2.8]

© 2008 Linux Foundation

gdk_display_peek_event [Gdk 2.8]	gdk_display_pointer_is_grabbed [Gdk 2.8]
gdk_display_pointer_ungrab [Gdk 2.8]	gdk_display_put_event [Gdk 2.8]
gdk_display_request_selection_notification [Gdk 2.8]	gdk_display_set_double_click_distance [Gdk 2.8]
gdk_display_set_double_click_time [Gdk 2.8]	gdk_display_set_pointer_hooks [Gdk 2.8]
gdk_display_store_clipboard [Gdk 2.8]	gdk_display_supports_clipboard_persistence [Gdk 2.8]
gdk_display_supports_cursor_alpha [Gdk 2.8]	gdk_display_supports_cursor_color [Gdk 2.8]
gdk_display_supports_selection_notification [Gdk 2.8]	gdk_display_sync [Gdk 2.8]
gdk_display_warp_pointer [Gdk 2.8]	gdk_drag_abort [Gdk 2.8]
gdk_drag_action_get_type [Gobject 2.8]	gdk_drag_begin [Gdk 2.8]
gdk_drag_context_get_type [Gobject 2.8]	gdk_drag_context_new [Gdk 2.8]
gdk_drag_drop [Gdk 2.8]	gdk_drag_drop_succeeded [Gdk 2.8]
gdk_drag_find_window [Gdk 2.8]	gdk_drag_find_window_for_screen [Gdk 2.8]
gdk_drag_get_protocol [Gdk 2.8]	gdk_drag_get_protocol_for_display [Gdk 2.8]
gdk_drag_get_selection [Gdk 2.8]	gdk_drag_motion [Gdk 2.8]
gdk_drag_protocol_get_type [Gobject 2.8]	gdk_drag_status [Gdk 2.8]
gdk_draw_arc [Gdk 2.8]	gdk_draw_drawable [Gdk 2.8]
gdk_draw_glyphs [Gdk 2.8]	gdk_draw_glyphs_transformed [Gdk 2.8]
gdk_draw_gray_image [Gdk 2.8]	gdk_draw_image [Gdk 2.8]
gdk_draw_indexed_image [Gdk 2.8]	gdk_draw_layout [Gdk 2.8]
gdk_draw_layout_line [Gdk 2.8]	gdk_draw_layout_line_with_colors [Gdk 2.8]
gdk_draw_layout_with_colors [Gdk 2.8]	gdk_draw_line [Gdk 2.8]
gdk_draw_lines [Gdk 2.8]	gdk_draw_pixbuf [Gdk 2.8]
gdk_draw_point [Gdk 2.8]	gdk_draw_points [Gdk 2.8]
gdk_draw_polygon [Gdk 2.8]	gdk_draw_rectangle [Gdk 2.8]
gdk_draw_rgb_32_image [Gdk 2.8]	gdk_draw_rgb_32_image_dithalign [Gdk 2.8]
gdk_draw_rgb_image [Gdk 2.8]	gdk_draw_rgb_image_dithalign [Gdk 2.8]
gdk_draw_segments [Gdk 2.8]	gdk_draw_trapezoids [Gdk 2.8]

gdk_drawable_copy_to_image [Gdk 2.8]	gdk_drawable_get_clip_region [Gdk 2.8]
gdk_drawable_get_colormap [Gdk 2.8]	gdk_drawable_get_depth [Gdk 2.8]
gdk_drawable_get_display [Gdk 2.8]	gdk_drawable_get_image [Gdk 2.8]
gdk_drawable_get_screen [Gdk 2.8]	gdk_drawable_get_size [Gdk 2.8]
gdk_drawable_get_type [Gobject 2.8]	gdk_drawable_get_visible_region [Gdk 2.8]
gdk_drawable_get_visual [Gdk 2.8]	gdk_drawable_set_colormap [Gdk 2.8]
gdk_drop_finish [Gdk 2.8]	gdk_drop_reply [Gdk 2.8]
gdk_error_trap_pop [Gdk 2.8]	gdk_error_trap_push [Gdk 2.8]
gdk_event_copy [Gdk 2.8]	gdk_event_free [Gdk 2.8]
gdk_event_get [Gdk 2.8]	gdk_event_get_axis [Gdk 2.8]
gdk_event_get_coords [Gdk 2.8]	gdk_event_get_graphics_expose [Gdk 2.8]
gdk_event_get_root_coords [Gdk 2.8]	gdk_event_get_screen [Gdk 2.8]
gdk_event_get_state [Gdk 2.8]	gdk_event_get_time [Gdk 2.8]
gdk_event_get_type [Gobject 2.8]	gdk_event_handler_set [Gdk 2.8]
gdk_event_mask_get_type [Gobject 2.8]	gdk_event_new [Gdk 2.8]
gdk_event_peek [Gdk 2.8]	gdk_event_put [Gdk 2.8]
gdk_event_send_client_message [Gdk 2.8]	gdk_event_send_client_message_for _display [Gdk 2.8]
gdk_event_send_clientmessage_toall [Gdk 2.8]	gdk_event_set_screen [Gdk 2.8]
gdk_event_type_get_type [Gobject 2.8]	gdk_events_pending [Gdk 2.8]
gdk_extension_mode_get_type [Gobject 2.8]	gdk_fill_get_type [Gobject 2.8]
gdk_fill_rule_get_type [Gobject 2.8]	gdk_filter_return_get_type [Gobject 2.8]
gdk_flush [Gdk 2.8]	gdk_font_type_get_type [Gobject 2.8]
gdk_free_compound_text [Gdk 2.8]	gdk_free_text_list [Gdk 2.8]
gdk_function_get_type [Gobject 2.8]	gdk_gc_copy [Gdk 2.8]
gdk_gc_get_colormap [Gdk 2.8]	gdk_gc_get_screen [Gdk 2.8]
gdk_gc_get_type [Gobject 2.8]	gdk_gc_get_values [Gdk 2.8]
gdk_gc_new [Gdk 2.8]	gdk_gc_new_with_values [Gdk 2.8]
gdk_gc_offset [Gdk 2.8]	gdk_gc_set_background [Gdk 2.8]
gdk_gc_set_clip_mask [Gdk 2.8]	gdk_gc_set_clip_origin [Gdk 2.8]
gdk_gc_set_clip_rectangle [Gdk 2.8]	gdk_gc_set_clip_region [Gdk 2.8]

© 2008 Linux Foundation

gdk_gc_set_colormap [Gdk 2.8]	gdk_gc_set_dashes [Gdk 2.8]
gdk_gc_set_exposures [Gdk 2.8]	gdk_gc_set_fill [Gdk 2.8]
gdk_gc_set_foreground [Gdk 2.8]	gdk_gc_set_function [Gdk 2.8]
gdk_gc_set_line_attributes [Gdk 2.8]	gdk_gc_set_rgb_bg_color [Gdk 2.8]
gdk_gc_set_rgb_fg_color [Gdk 2.8]	gdk_gc_set_stipple [Gdk 2.8]
gdk_gc_set_subwindow [Gdk 2.8]	gdk_gc_set_tile [Gdk 2.8]
gdk_gc_set_ts_origin [Gdk 2.8]	gdk_gc_set_values [Gdk 2.8]
gdk_gc_values_mask_get_type [Gobject 2.8]	gdk_get_default_root_window [Gdk 2.8]
gdk_get_display [Gdk 2.8]	gdk_get_display_arg_name [Gdk 2.8]
gdk_get_program_class [Gdk 2.8]	gdk_get_show_events [Gdk 2.8]
gdk_grab_status_get_type [Gobject 2.8]	gdk_gravity_get_type [Gobject 2.8]
gdk_image_get_colormap [Gdk 2.8]	gdk_image_get_pixel [Gdk 2.8]
gdk_image_get_type [Gobject 2.8]	gdk_image_new [Gdk 2.8]
gdk_image_put_pixel [Gdk 2.8]	gdk_image_set_colormap [Gdk 2.8]
gdk_image_type_get_type [Gobject 2.8]	gdk_init [Gdk 2.8]
gdk_init_check [Gdk 2.8]	gdk_input_condition_get_type [Gobject 2.8]
gdk_input_mode_get_type [Gobject 2.8]	gdk_input_set_extension_events [Gdk 2.8]
gdk_input_source_get_type [Gobject 2.8]	gdk_join_style_get_type [Gobject 2.8]
gdk_keyboard_grab [Gdk 2.8]	gdk_keyboard_ungrab [Gdk 2.8]
gdk_keymap_get_default [Gdk 2.8]	gdk_keymap_get_direction [Gdk 2.8]
gdk_keymap_get_entries_for_keycode [Gdk 2.8]	gdk_keymap_get_entries_for_keyval [Gdk 2.8]
gdk_keymap_get_for_display [Gdk 2.8]	gdk_keymap_get_type [Gobject 2.8]
gdk_keymap_lookup_key [Gdk 2.8]	gdk_keymap_translate_keyboard_state [Gdk 2.8]
gdk_keyval_convert_case [Gdk 2.8]	gdk_keyval_from_name [Gdk 2.8]
gdk_keyval_is_lower [Gdk 2.8]	gdk_keyval_is_upper [Gdk 2.8]
gdk_keyval_name [Gdk 2.8]	gdk_keyval_to_lower [Gdk 2.8]
gdk_keyval_to_unicode [Gdk 2.8]	gdk_keyval_to_upper [Gdk 2.8]
gdk_line_style_get_type [Gobject 2.8]	gdk_list_visuals [Gdk 2.8]
gdk_modifier_type_get_type [Gobject 2.8]	gdk_net_wm_supports [Gdk 2.8]
gdk_notify_startup_complete [Gdk 2.8]	gdk_notify_type_get_type [Gobject 2.8]

gdk_overlap_type_get_type [Gobject 2.8]	gdk_owner_change_get_type [Gobject 2.8]
gdk_pango_attr_embossed_new [Gdk 2.8]	gdk_pango_attr_stipple_new [Gdk 2.8]
gdk_pango_context_get [Gdk 2.8]	gdk_pango_context_get_for_screen [Gdk 2.8]
gdk_pango_layout_get_clip_region [Gdk 2.8]	gdk_pango_layout_line_get_clip_region [Gdk 2.8]
gdk_pango_renderer_get_default [Gdk 2.8]	gdk_pango_renderer_get_type [Gobject 2.8]
gdk_pango_renderer_new [Gdk 2.8]	gdk_pango_renderer_set_drawable [Gdk 2.8]
gdk_pango_renderer_set_gc [Gdk 2.8]	gdk_pango_renderer_set_override_color [Gdk 2.8]
gdk_pango_renderer_set_stipple [Gdk 2.8]	gdk_parse_args [Gdk 2.8]
gdk_pixbuf_get_from_drawable [Gdk 2.8]	gdk_pixbuf_get_from_image [Gdk 2.8]
gdk_pixbuf_render_pixmap_and_mask [Gdk 2.8]	gdk_pixbuf_render_pixmap_and_mask_for_colormap [Gdk 2.8]
gdk_pixbuf_render_threshold_alpha [Gdk 2.8]	gdk_pixmap_colormap_create_from_xpm [Gdk 2.8]
gdk_pixmap_colormap_create_from_xpm_d [Gdk 2.8]	gdk_pixmap_create_from_data [Gdk 2.8]
gdk_pixmap_create_from_xpm [Gdk 2.8]	gdk_pixmap_create_from_xpm_d [Gdk 2.8]
gdk_pixmap_foreign_new [Gdk 2.8]	gdk_pixmap_foreign_new_for_display [Gdk 2.8]
gdk_pixmap_get_type [Gobject 2.8]	gdk_pixmap_lookup [Gdk 2.8]
gdk_pixmap_lookup_for_display [Gdk 2.8]	gdk_pixmap_new [Gdk 2.8]
gdk_pointer_grab [Gdk 2.8]	gdk_pointer_is_grabbed [Gdk 2.8]
gdk_pointer_ungrab [Gdk 2.8]	gdk_prop_mode_get_type [Gobject 2.8]
gdk_property_change [Gdk 2.8]	gdk_property_delete [Gdk 2.8]
gdk_property_get [Gdk 2.8]	gdk_property_state_get_type [Gobject 2.8]
gdk_query_depths [Gdk 2.8]	gdk_query_visual_types [Gdk 2.8]
gdk_rectangle_get_type [Gobject 2.8]	gdk_rectangle_intersect [Gdk 2.8]
gdk_rectangle_union [Gdk 2.8]	gdk_region_copy [Gdk 2.8]
gdk_region_destroy [Gdk 2.8]	gdk_region_empty [Gdk 2.8]
gdk_region_equal [Gdk 2.8]	gdk_region_get_clipbox [Gdk 2.8]
gdk_region_get_rectangles [Gdk 2.8]	gdk_region_intersect [Gdk 2.8]
gdk_region_new [Gdk 2.8]	gdk_region_offset [Gdk 2.8]

© 2008 Linux Foundation

gdk_region_point_in [Gdk 2.8]	gdk_region_polygon [Gdk 2.8]
gdk_region_rect_in [Gdk 2.8]	gdk_region_rectangle [Gdk 2.8]
gdk_region_shrink [Gdk 2.8]	gdk_region_spans_intersect_foreach [Gdk 2.8]
gdk_region_subtract [Gdk 2.8]	gdk_region_union [Gdk 2.8]
gdk_region_union_with_rect [Gdk 2.8]	gdk_region_xor [Gdk 2.8]
gdk_rgb_cmap_free [Gdk 2.8]	gdk_rgb_cmap_new [Gdk 2.8]
gdk_rgb_colormap_ditherable [Gdk 2.8]	gdk_rgb_dither_get_type [Gobject 2.8]
gdk_rgb_ditherable [Gdk 2.8]	gdk_rgb_find_color [Gdk 2.8]
gdk_rgb_get_colormap [Gdk 2.8]	gdk_rgb_get_visual [Gdk 2.8]
gdk_rgb_set_install [Gdk 2.8]	gdk_rgb_set_min_colors [Gdk 2.8]
gdk_rgb_set_verbose [Gdk 2.8]	gdk_screen_broadcast_client_message [Gdk 2.8]
gdk_screen_get_default [Gdk 2.8]	gdk_screen_get_default_colormap [Gdk 2.8]
gdk_screen_get_display [Gdk 2.8]	gdk_screen_get_height [Gdk 2.8]
gdk_screen_get_height_mm [Gdk 2.8]	gdk_screen_get_monitor_at_point [Gdk 2.8]
gdk_screen_get_monitor_at_window [Gdk 2.8]	gdk_screen_get_monitor_geometry [Gdk 2.8]
gdk_screen_get_n_monitors [Gdk 2.8]	gdk_screen_get_number [Gdk 2.8]
gdk_screen_get_rgb_colormap [Gdk 2.8]	gdk_screen_get_rgb_visual [Gdk 2.8]
gdk_screen_get_rgba_colormap [Gdk 2.8]	gdk_screen_get_rgba_visual [Gdk 2.8]
gdk_screen_get_root_window [Gdk 2.8]	gdk_screen_get_setting [Gdk 2.8]
gdk_screen_get_system_colormap [Gdk 2.8]	gdk_screen_get_system_visual [Gdk 2.8]
gdk_screen_get_toplevel_windows [Gdk 2.8]	gdk_screen_get_type [Gobject 2.8]
gdk_screen_get_width [Gdk 2.8]	gdk_screen_get_width_mm [Gdk 2.8]
gdk_screen_height [Gdk 2.8]	gdk_screen_height_mm [Gdk 2.8]
gdk_screen_list_visuals [Gdk 2.8]	gdk_screen_make_display_name [Gdk 2.8]
gdk_screen_set_default_colormap [Gdk 2.8]	gdk_screen_width [Gdk 2.8]
gdk_screen_width_mm [Gdk 2.8]	gdk_scroll_direction_get_type [Gobject 2.8]
gdk_selection_convert [Gdk 2.8]	gdk_selection_owner_get [Gdk 2.8]

© 2008 Linux Foundation

gdk_selection_owner_get_for_display [Gdk 2.8]	gdk_selection_owner_set [Gdk 2.8]
gdk_selection_owner_set_for_display [Gdk 2.8]	gdk_selection_property_get [Gdk 2.8]
gdk_selection_send_notify [Gdk 2.8]	gdk_selection_send_notify_for_display [Gdk 2.8]
gdk_set_double_click_time [Gdk 2.8]	gdk_set_locale [Gdk 2.8]
gdk_set_pointer_hooks [Gdk 2.8]	gdk_set_program_class [Gdk 2.8]
gdk_set_show_events [Gdk 2.8]	gdk_set_sm_client_id [Gdk 2.8]
gdk_setting_action_get_type [Gobject 2.8]	gdk_setting_get [Gdk 2.8]
gdk_spawn_command_line_on_screen [Gdk 2.8]	gdk_spawn_on_screen [Gdk 2.8]
gdk_spawn_on_screen_with_pipes [Gdk 2.8]	gdk_status_get_type [Gobject 2.8]
gdk_string_to_compound_text [Gdk 2.8]	gdk_string_to_compound_text_for_display [Gdk 2.8]
gdk_subwindow_mode_get_type [Gobject 2.8]	gdk_synthesize_window_state [Gdk 2.8]
gdk_text_property_to_text_list [Gdk 2.8]	gdk_text_property_to_text_list_for_display [Gdk 2.8]
gdk_text_property_to_utf8_list [Gdk 2.8]	gdk_text_property_to_utf8_list_for_display [Gdk 2.8]
gdk_threads_enter [Gdk 2.8]	gdk_threads_init [Gdk 2.8]
gdk_threads_leave [Gdk 2.8]	gdk_threads_set_lock_functions [Gdk 2.8]
gdk_unicode_to_keyval [Gdk 2.8]	gdk_utf8_to_compound_text [Gdk 2.8]
gdk_utf8_to_compound_text_for_display [Gdk 2.8]	gdk_utf8_to_string_target [Gdk 2.8]
gdk_visibility_state_get_type [Gobject 2.8]	gdk_visual_get_best [Gdk 2.8]
gdk_visual_get_best_depth [Gdk 2.8]	gdk_visual_get_best_type [Gdk 2.8]
gdk_visual_get_best_with_both [Gdk 2.8]	gdk_visual_get_best_with_depth [Gdk 2.8]
gdk_visual_get_best_with_type [Gdk 2.8]	gdk_visual_get_screen [Gdk 2.8]
gdk_visual_get_system [Gdk 2.8]	gdk_visual_get_type [Gobject 2.8]
gdk_visual_type_get_type [Gobject 2.8]	gdk_window_add_filter [Gdk 2.8]
gdk_window_at_pointer [Gdk 2.8]	gdk_window_attributes_type_get_type [Gobject 2.8]
gdk_window_begin_move_drag [Gdk 2.8]	gdk_window_begin_paint_rect [Gdk 2.8]

© 2008 Linux Foundation

gdk_window_begin_paint_region [Gdk 2.8]	gdk_window_begin_resize_drag [Gdk 2.8]
gdk_window_class_get_type [Gobject 2.8]	gdk_window_clear [Gdk 2.8]
gdk_window_clear_area [Gdk 2.8]	gdk_window_clear_area_e [Gdk 2.8]
gdk_window_configure_finished [Gdk 2.8]	gdk_window_constrain_size [Gdk 2.8]
gdk_window_deiconify [Gdk 2.8]	gdk_window_destroy [Gdk 2.8]
gdk_window_destroy_notify [Gdk 2.8]	gdk_window_edge_get_type [Gobject 2.8]
gdk_window_enable_synchronized_configure [Gdk 2.8]	gdk_window_end_paint [Gdk 2.8]
gdk_window_focus [Gdk 2.8]	gdk_window_foreign_new [Gdk 2.8]
gdk_window_foreign_new_for_display [Gdk 2.8]	gdk_window_freeze_updates [Gdk 2.8]
gdk_window_fullscreen [Gdk 2.8]	gdk_window_get_children [Gdk 2.8]
gdk_window_get_decorations [Gdk 2.8]	gdk_window_get_events [Gdk 2.8]
gdk_window_get_frame_extents [Gdk 2.8]	gdk_window_get_geometry [Gdk 2.8]
gdk_window_get_group [Gdk 2.8]	gdk_window_get_internal_paint_info [Gdk 2.8]
gdk_window_get_origin [Gdk 2.8]	gdk_window_get_parent [Gdk 2.8]
gdk_window_get_pointer [Gdk 2.8]	gdk_window_get_position [Gdk 2.8]
gdk_window_get_root_origin [Gdk 2.8]	gdk_window_get_state [Gdk 2.8]
gdk_window_get_toplevel [Gdk 2.8]	gdk_window_get_toplevels [Gdk 2.8]
gdk_window_get_update_area [Gdk 2.8]	gdk_window_get_user_data [Gdk 2.8]
gdk_window_get_window_type [Gdk 2.8]	gdk_window_hide [Gdk 2.8]
gdk_window_hints_get_type [Gobject 2.8]	gdk_window_iconify [Gdk 2.8]
gdk_window_invalidate_maybe_recurse [Gdk 2.8]	gdk_window_invalidate_rect [Gdk 2.8]
gdk_window_invalidate_region [Gdk 2.8]	gdk_window_is_viewable [Gdk 2.8]
gdk_window_is_visible [Gdk 2.8]	gdk_window_lookup [Gdk 2.8]
gdk_window_lookup_for_display [Gdk 2.8]	gdk_window_lower [Gdk 2.8]
gdk_window_maximize [Gdk 2.8]	gdk_window_merge_child_shapes [Gdk 2.8]
gdk_window_move [Gdk 2.8]	gdk_window_move_region [Gdk 2.8]

© 2008 Linux Foundation

gdk_window_move_resize [Gdk 2.8]	gdk_window_new [Gdk 2.8]
gdk_window_object_get_type [Gobject 2.8]	gdk_window_peek_children [Gdk 2.8]
gdk_window_process_all_updates [Gdk 2.8]	gdk_window_process_updates [Gdk 2.8]
gdk_window_raise [Gdk 2.8]	gdk_window_register_dnd [Gdk 2.8]
gdk_window_remove_filter [Gdk 2.8]	gdk_window_reparent [Gdk 2.8]
gdk_window_resize [Gdk 2.8]	gdk_window_scroll [Gdk 2.8]
gdk_window_set_accept_focus [Gdk 2.8]	gdk_window_set_back_pixmap [Gdk 2.8]
gdk_window_set_background [Gdk 2.8]	gdk_window_set_child_shapes [Gdk 2.8]
gdk_window_set_cursor [Gdk 2.8]	gdk_window_set_debug_updates [Gdk 2.8]
gdk_window_set_decorations [Gdk 2.8]	gdk_window_set_events [Gdk 2.8]
gdk_window_set_focus_on_map [Gdk 2.8]	gdk_window_set_functions [Gdk 2.8]
gdk_window_set_geometry_hints [Gdk 2.8]	gdk_window_set_group [Gdk 2.8]
gdk_window_set_icon [Gdk 2.8]	gdk_window_set_icon_list [Gdk 2.8]
gdk_window_set_icon_name [Gdk 2.8]	gdk_window_set_keep_above [Gdk 2.8]
gdk_window_set_keep_below [Gdk 2.8]	gdk_window_set_modal_hint [Gdk 2.8]
gdk_window_set_override_redirect [Gdk 2.8]	gdk_window_set_role [Gdk 2.8]
gdk_window_set_skip_pager_hint [Gdk 2.8]	gdk_window_set_skip_taskbar_hint [Gdk 2.8]
gdk_window_set_static_gravities [Gdk 2.8]	gdk_window_set_title [Gdk 2.8]
gdk_window_set_transient_for [Gdk 2.8]	gdk_window_set_type_hint [Gdk 2.8]
gdk_window_set_urgency_hint [Gdk 2.8]	gdk_window_set_user_data [Gdk 2.8]
gdk_window_shape_combine_mask [Gdk 2.8]	gdk_window_shape_combine_region [Gdk 2.8]
gdk_window_show [Gdk 2.8]	gdk_window_show_unraised [Gdk 2.8]
gdk_window_state_get_type [Gobject 2.8]	gdk_window_stick [Gdk 2.8]
gdk_window_thaw_updates [Gdk 2.8]	gdk_window_type_get_type [Gobject 2.8]
gdk_window_type_hint_get_type	gdk_window_unfullscreen [Gdk 2.8]

© 2008 Linux Foundation

[Gobject 2.8]	
gdk_window_unmaximize [Gdk 2.8]	gdk_window_unstick [Gdk 2.8]
gdk_window_withdraw [Gdk 2.8]	gdk_wm_decoration_get_type [Gobject 2.8]
gdk_wm_function_get_type [Gobject 2.8]	gdk_x11_atom_to_xatom [Gdk 2.8]
gdk_x11_atom_to_xatom_for_display [Gdk 2.8]	gdk_x11_colormap_foreign_new [Gdk 2.8]
gdk_x11_colormap_get_xcolormap [Gdk 2.8]	gdk_x11_colormap_get_xdisplay [Gdk 2.8]
gdk_x11_cursor_get_xcursor [Gdk 2.8]	gdk_x11_cursor_get_xdisplay [Gdk 2.8]
gdk_x11_display_get_user_time [Gdk 2.8]	gdk_x11_display_get_xdisplay [Gdk 2.8]
gdk_x11_display_grab [Gdk 2.8]	gdk_x11_display_set_cursor_theme [Gdk 2.8]
gdk_x11_display_ungrab [Gdk 2.8]	gdk_x11_drawable_get_xdisplay [Gdk 2.8]
gdk_x11_drawable_get_xid [Gdk 2.8]	gdk_x11_gc_get_xdisplay [Gdk 2.8]
gdk_x11_gc_get_xgc [Gdk 2.8]	gdk_x11_get_default_root_xwindow [Gdk 2.8]
gdk_x11_get_default_screen [Gdk 2.8]	gdk_x11_get_default_xdisplay [Gdk 2.8]
gdk_x11_get_server_time [Gdk 2.8]	gdk_x11_get_xatom_by_name [Gdk 2.8]
gdk_x11_get_xatom_by_name_for_display [Gdk 2.8]	gdk_x11_get_xatom_name [Gdk 2.8]
gdk_x11_get_xatom_name_for_display [Gdk 2.8]	gdk_x11_grab_server [Gdk 2.8]
gdk_x11_image_get_xdisplay [Gdk 2.8]	gdk_x11_image_get_ximage [Gdk 2.8]
gdk_x11_lookup_xdisplay [Gdk 2.8]	gdk_x11_register_standard_event_type [Gdk 2.8]
gdk_x11_screen_get_screen_number [Gdk 2.8]	gdk_x11_screen_get_window_manager_name [Gdk 2.8]
gdk_x11_screen_get_xscreen [Gdk 2.8]	gdk_x11_screen_lookup_visual [Gdk 2.8]
gdk_x11_screen_supports_net_wm_hint [Gdk 2.8]	gdk_x11_ungrab_server [Gdk 2.8]
gdk_x11_visual_get_xvisual [Gdk 2.8]	gdk_x11_window_move_to_current_desktop [Gdk 2.8]
gdk_x11_window_set_user_time [Gdk 2.8]	gdk_x11_xatom_to_atom [Gdk 2.8]
gdk_x11_xatom_to_atom_for_displa	gdk_xid_table_lookup [Gdk 2.8]

© 2008 Linux Foundation

y [Gdk 2.8]	
gdk_xid_table_lookup_for_display [Gdk 2.8]	gdkx_visual_get [Gdk 2.8]

An LSB conforming implementation shall provide the generic data interfaces for GTK Drawing toolkit specified in Table 16-89, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-89 libgdk-x11-2.0 - GTK Drawing toolkit Data Interfaces

gdk_display [Gdk 2.8]	gdk_threads_lock [Gdk 2.8]
gdk_threads_unlock [Gdk 2.8]	

16.26 Data Definitions for libgdk-x11-2.0

This section defines global identifiers and their values that are associated with interfaces contained in libgdk-x11-2.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.26.1 gtk-2.0/gdk/gdk.h

```
#define GDK_WINDOWING_X11
#define GDK_PIXMAP_OBJECT(object)        \
        ((GdkPixmapObject *) GDK_PIXMAP (object))
#define GDK_WINDOW_OBJECT(object)        \
        ((GdkWindowObject *) GDK_WINDOW (object))
#define GDK_TYPE_WINDOW_ATTRIBUTES_TYPE  \
        (gdk_window_attributes_type_get_type())
#define GDK_COLORMAP_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GDK_TYPE_COLORMAP, \
        GdkColormapClass))
#define GDK_DEVICE_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GDK_TYPE_DEVICE,
GdkDeviceClass))
#define GDK_DISPLAY_CLASS(klass)         \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GDK_TYPE_DISPLAY, \
        GdkDisplayClass))
#define GDK_DISPLAY_MANAGER_CLASS(klass)         \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GDK_TYPE_DISPLAY_MANAGER, \
        GdkDisplayManagerClass))
#define GDK_DRAG_CONTEXT_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GDK_TYPE_DRAG_CONTEXT,
\
```

 © 2008 Linux Foundation

```
        GdkDragContextClass))
#define GDK_DRAWABLE_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GDK_TYPE_DRAWABLE, \
        GdkDrawableClass))
#define GDK_GC_CLASS(klass)      \
                (G_TYPE_CHECK_CLASS_CAST  ((klass),  GDK_TYPE_GC,
GdkGCClass))
#define GDK_IMAGE_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GDK_TYPE_IMAGE,
GdkImageClass))
#define GDK_KEYMAP_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GDK_TYPE_KEYMAP,
GdkKeymapClass))
#define GDK_PANGO_RENDERER_CLASS(klass)  \
                             (G_TYPE_CHECK_CLASS_CAST    ((klass),
GDK_TYPE_PANGO_RENDERER, \
        GdkPangoRendererClass))
#define GDK_PIXMAP_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GDK_TYPE_PIXMAP, \
        GdkPixmapObjectClass))
#define GDK_SCREEN_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GDK_TYPE_SCREEN,
GdkScreenClass))
#define GDK_VISUAL_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GDK_TYPE_VISUAL,
GdkVisualClass))
#define GDK_WINDOW_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GDK_TYPE_WINDOW, \
        GdkWindowObjectClass))
#define GDK_IS_COLORMAP_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_COLORMAP))
#define GDK_IS_DEVICE_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_DEVICE))
#define GDK_IS_DISPLAY_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_DISPLAY))
#define GDK_IS_DISPLAY_MANAGER_CLASS(klass)      \
                             (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GDK_TYPE_DISPLAY_MANAGER))
#define GDK_IS_DRAG_CONTEXT_CLASS(klass)         \
                             (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GDK_TYPE_DRAG_CONTEXT))
#define GDK_IS_DRAWABLE_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_DRAWABLE))
#define GDK_IS_GC_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_GC))
#define GDK_IS_IMAGE_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_IMAGE))
#define GDK_IS_KEYMAP_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_KEYMAP))
#define GDK_IS_PANGO_RENDERER_CLASS(klass)       \
                             (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GDK_TYPE_PANGO_RENDERER))
#define GDK_IS_PIXMAP_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_PIXMAP))
#define GDK_IS_SCREEN_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_SCREEN))
#define GDK_IS_VISUAL_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_VISUAL))
#define GDK_IS_WINDOW_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GDK_TYPE_WINDOW))
#define GDK_COLORMAP(object)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((object), GDK_TYPE_COLORMAP,
\
        GdkColormap))
#define GDK_DEVICE(object)       \
          (G_TYPE_CHECK_INSTANCE_CAST ((object), GDK_TYPE_DEVICE,
```

```
GdkDevice))
#define GDK_DISPLAY_OBJECT(object)       \
         (G_TYPE_CHECK_INSTANCE_CAST ((object), GDK_TYPE_DISPLAY,
GdkDisplay))
#define GDK_DISPLAY_MANAGER(object)      \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GDK_TYPE_DISPLAY_MANAGER, \
        GdkDisplayManager))
#define GDK_DRAG_CONTEXT(object)         \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GDK_TYPE_DRAG_CONTEXT, \
        GdkDragContext))
#define GDK_DRAWABLE(object)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((object), GDK_TYPE_DRAWABLE,
\
        GdkDrawable))
#define GDK_GC(object)   \
              (G_TYPE_CHECK_INSTANCE_CAST  ((object),  GDK_TYPE_GC,
GdkGC))
#define GDK_IMAGE(object)        \
           (G_TYPE_CHECK_INSTANCE_CAST  ((object),  GDK_TYPE_IMAGE,
GdkImage))
#define GDK_KEYMAP(object)       \
           (G_TYPE_CHECK_INSTANCE_CAST ((object), GDK_TYPE_KEYMAP,
GdkKeymap))
#define GDK_PANGO_RENDERER(object)       \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GDK_TYPE_PANGO_RENDERER, \
        GdkPangoRenderer))
#define GDK_PIXMAP(object)       \
           (G_TYPE_CHECK_INSTANCE_CAST ((object), GDK_TYPE_PIXMAP,
GdkPixmap))
#define GDK_SCREEN(object)       \
           (G_TYPE_CHECK_INSTANCE_CAST ((object), GDK_TYPE_SCREEN,
GdkScreen))
#define GDK_VISUAL(object)       \
           (G_TYPE_CHECK_INSTANCE_CAST ((object), GDK_TYPE_VISUAL,
GdkVisual))
#define GDK_WINDOW(object)       \
           (G_TYPE_CHECK_INSTANCE_CAST ((object), GDK_TYPE_WINDOW,
GdkWindow))
#define GDK_IS_COLORMAP(object)  \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GDK_TYPE_COLORMAP))
#define GDK_IS_DEVICE(object)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GDK_TYPE_DEVICE))
#define GDK_IS_DISPLAY(object)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GDK_TYPE_DISPLAY))
#define GDK_IS_DISPLAY_MANAGER(object)   \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GDK_TYPE_DISPLAY_MANAGER))
#define GDK_IS_DRAG_CONTEXT(object)      \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GDK_TYPE_DRAG_CONTEXT))
#define GDK_IS_DRAWABLE(object)  \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GDK_TYPE_DRAWABLE))
#define GDK_IS_GC(object)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GDK_TYPE_GC))
#define GDK_IS_IMAGE(object)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GDK_TYPE_IMAGE))
#define GDK_IS_KEYMAP(object)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GDK_TYPE_KEYMAP))
#define GDK_IS_PANGO_RENDERER(object)    \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GDK_TYPE_PANGO_RENDERER))
```

 © 2008 Linux Foundation

```
#define GDK_IS_PIXMAP(object)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GDK_TYPE_PIXMAP))
#define GDK_IS_SCREEN(object)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GDK_TYPE_SCREEN))
#define GDK_IS_VISUAL(object)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GDK_TYPE_VISUAL))
#define GDK_IS_WINDOW(object)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GDK_TYPE_WINDOW))
#define GDK_COLORMAP_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GDK_TYPE_COLORMAP, \
        GdkColormapClass))
#define GDK_DEVICE_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GDK_TYPE_DEVICE,
GdkDeviceClass))
#define GDK_DISPLAY_GET_CLASS(obj)       \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GDK_TYPE_DISPLAY, \
        GdkDisplayClass))
#define GDK_DISPLAY_MANAGER_GET_CLASS(obj)       \
                              (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GDK_TYPE_DISPLAY_MANAGER, \
        GdkDisplayManagerClass))
#define GDK_DRAG_CONTEXT_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GDK_TYPE_DRAG_CONTEXT,
\
        GdkDragContextClass))
#define GDK_DRAWABLE_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GDK_TYPE_DRAWABLE, \
        GdkDrawableClass))
#define GDK_GC_GET_CLASS(obj)    \
                (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GDK_TYPE_GC,
GdkGCClass))
#define GDK_IMAGE_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GDK_TYPE_IMAGE,
GdkImageClass))
#define GDK_KEYMAP_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GDK_TYPE_KEYMAP,
GdkKeymapClass))
#define GDK_PANGO_RENDERER_GET_CLASS(obj)        \
                              (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GDK_TYPE_PANGO_RENDERER, \
        GdkPangoRendererClass))
#define GDK_PIXMAP_GET_CLASS(obj)        \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GDK_TYPE_PIXMAP, \
        GdkPixmapObjectClass))
#define GDK_SCREEN_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GDK_TYPE_SCREEN,
GdkScreenClass))
#define GDK_VISUAL_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GDK_TYPE_VISUAL,
GdkVisualClass))
#define GDK_WINDOW_GET_CLASS(obj)        \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GDK_TYPE_WINDOW, \
        GdkWindowObjectClass))
#define GDK_THREADS_ENTER()      \
         G_STMT_START { if (gdk_threads_lock) (*gdk_threads_lock)
(); } \
        G_STMT_END
#define GDK_THREADS_LEAVE()      \
                        G_STMT_START   {   if   (gdk_threads_unlock)
(*gdk_threads_unlock) (); } \
        G_STMT_END
#define GDK_POINTER_TO_ATOM(ptr)        ((GdkAtom)(ptr))
#define _GDK_MAKE_ATOM(val)     ((GdkAtom)GUINT_TO_POINTER(val))
#define GDK_ATOM_TO_POINTER(atom)       (atom)
#define GDK_TYPE_AXIS_USE       (gdk_axis_use_get_type())
#define GDK_TYPE_BYTE_ORDER     (gdk_byte_order_get_type())
```

```
#define GDK_TYPE_CAP_STYLE      (gdk_cap_style_get_type())
#define GDK_TYPE_COLORMAP       (gdk_colormap_get_type ())
#define GDK_TYPE_COLOR  (gdk_color_get_type ())
#define GDK_TYPE_CROSSING_MODE  (gdk_crossing_mode_get_type())
#define GDK_TYPE_CURSOR (gdk_cursor_get_type ())
#define GDK_TYPE_CURSOR_TYPE    (gdk_cursor_type_get_type())
#define GDK_TYPE_DEVICE (gdk_device_get_type ())
#define GDK_TYPE_DISPLAY        (gdk_display_get_type ())
#define                                  GDK_TYPE_DISPLAY_MANAGER
(gdk_display_manager_get_type ())
#define GDK_TYPE_DRAG_ACTION    (gdk_drag_action_get_type())
#define GDK_TYPE_DRAG_CONTEXT   (gdk_drag_context_get_type ())
#define GDK_TYPE_DRAG_PROTOCOL  (gdk_drag_protocol_get_type())
#define GDK_TYPE_DRAWABLE       (gdk_drawable_get_type ())
#define GDK_TYPE_EVENT  (gdk_event_get_type ())
#define GDK_TYPE_EVENT_MASK     (gdk_event_mask_get_type())
#define GDK_TYPE_EVENT_TYPE     (gdk_event_type_get_type())
#define GDK_TYPE_EXTENSION_MODE (gdk_extension_mode_get_type())
#define GDK_TYPE_FILL   (gdk_fill_get_type())
#define GDK_TYPE_FILL_RULE      (gdk_fill_rule_get_type())
#define GDK_TYPE_FILTER_RETURN  (gdk_filter_return_get_type())
#define GDK_TYPE_FONT_TYPE      (gdk_font_type_get_type())
#define GDK_TYPE_FUNCTION       (gdk_function_get_type())
#define GDK_TYPE_GC     (gdk_gc_get_type ())
#define GDK_TYPE_GC_VALUES_MASK (gdk_gc_values_mask_get_type())
#define GDK_TYPE_GRAB_STATUS    (gdk_grab_status_get_type())
#define GDK_TYPE_GRAVITY        (gdk_gravity_get_type())
#define GDK_TYPE_IMAGE  (gdk_image_get_type ())
#define GDK_TYPE_IMAGE_TYPE     (gdk_image_type_get_type())
#define                                  GDK_TYPE_INPUT_CONDITION
(gdk_input_condition_get_type())
#define GDK_TYPE_INPUT_MODE     (gdk_input_mode_get_type())
#define GDK_TYPE_INPUT_SOURCE   (gdk_input_source_get_type())
#define GDK_TYPE_JOIN_STYLE     (gdk_join_style_get_type())
#define GDK_TYPE_KEYMAP (gdk_keymap_get_type ())
#define GDK_TYPE_LINE_STYLE     (gdk_line_style_get_type())
#define GDK_TYPE_MODIFIER_TYPE  (gdk_modifier_type_get_type())
#define GDK_TYPE_NOTIFY_TYPE    (gdk_notify_type_get_type())
#define GDK_TYPE_OVERLAP_TYPE   (gdk_overlap_type_get_type())
#define GDK_TYPE_OWNER_CHANGE   (gdk_owner_change_get_type())
#define GDK_TYPE_PANGO_RENDERER (gdk_pango_renderer_get_type())
#define GDK_TYPE_PIXMAP (gdk_pixmap_get_type ())
#define GDK_TYPE_PROPERTY_STATE (gdk_property_state_get_type())
#define GDK_TYPE_PROP_MODE      (gdk_prop_mode_get_type())
#define GDK_TYPE_RECTANGLE      (gdk_rectangle_get_type ())
#define GDK_TYPE_RGB_DITHER     (gdk_rgb_dither_get_type())
#define GDK_TYPE_SCREEN (gdk_screen_get_type ())
#define                                  GDK_TYPE_SCROLL_DIRECTION
(gdk_scroll_direction_get_type())
#define GDK_TYPE_SETTING_ACTION (gdk_setting_action_get_type())
#define GDK_TYPE_STATUS (gdk_status_get_type())
#define GDK_TYPE_SUBWINDOW_MODE (gdk_subwindow_mode_get_type())
#define                                  GDK_TYPE_VISIBILITY_STATE
(gdk_visibility_state_get_type())
#define GDK_TYPE_VISUAL (gdk_visual_get_type ())
#define GDK_TYPE_VISUAL_TYPE    (gdk_visual_type_get_type())
#define GDK_TYPE_WINDOW_CLASS   (gdk_window_class_get_type())
#define GDK_TYPE_WINDOW_EDGE    (gdk_window_edge_get_type())
#define GDK_TYPE_WINDOW_HINTS   (gdk_window_hints_get_type())
#define GDK_TYPE_WINDOW (gdk_window_object_get_type ())
#define GDK_TYPE_WINDOW_STATE   (gdk_window_state_get_type())
#define GDK_TYPE_WINDOW_TYPE    (gdk_window_type_get_type())
#define                                  GDK_TYPE_WINDOW_TYPE_HINT
(gdk_window_type_hint_get_type())
#define GDK_TYPE_WM_DECORATION  (gdk_wm_decoration_get_type())
#define GDK_TYPE_WM_FUNCTION    (gdk_wm_function_get_type())
```

 © 2008 Linux Foundation

```
#define GDK_PRIORITY_EVENTS     (G_PRIORITY_DEFAULT)
#define GDK_PRIORITY_REDRAW     (G_PRIORITY_HIGH_IDLE + 20)
#define GDK_CURRENT_TIME        0L
#define GDK_HAVE_WCHAR_H        1
#define GDK_HAVE_WCTYPE_H       1
#define GDK_MAX_TIMECOORD_AXES  128
#define GDK_PARENT_RELATIVE     1L
#define GDKVAR  extern
#define gdk_draw_bitmap gdk_draw_drawable
#define GDK_NONE        _GDK_MAKE_ATOM (0)
#define GDK_SELECTION_PRIMARY   _GDK_MAKE_ATOM (1)
#define GDK_SELECTION_TYPE_DRAWABLE     _GDK_MAKE_ATOM (17)
#define GDK_TARGET_DRAWABLE     _GDK_MAKE_ATOM (17)
#define GDK_SELECTION_TYPE_INTEGER      _GDK_MAKE_ATOM (19)
#define GDK_SELECTION_SECONDARY _GDK_MAKE_ATOM (2)
#define GDK_SELECTION_TYPE_PIXMAP       _GDK_MAKE_ATOM (20)
#define GDK_TARGET_PIXMAP       _GDK_MAKE_ATOM (20)
#define GDK_SELECTION_TYPE_STRING       _GDK_MAKE_ATOM (31)
#define GDK_TARGET_STRING       _GDK_MAKE_ATOM (31)
#define GDK_SELECTION_TYPE_WINDOW       _GDK_MAKE_ATOM (33)
#define GDK_SELECTION_TYPE_ATOM _GDK_MAKE_ATOM (4)
#define GDK_SELECTION_TYPE_BITMAP       _GDK_MAKE_ATOM (5)
#define GDK_TARGET_BITMAP       _GDK_MAKE_ATOM (5)
#define GDK_SELECTION_CLIPBOARD _GDK_MAKE_ATOM (69)
#define GDK_SELECTION_TYPE_COLORMAP     _GDK_MAKE_ATOM (7)
#define GDK_TARGET_COLORMAP     _GDK_MAKE_ATOM (7)

typedef struct _GdkDrawable {
    GObject parent_instance;
} GdkWindow;
typedef struct _GdkColor {
    guint32 pixel;
    guint16 red;
    guint16 green;
    guint16 blue;
} GdkColor;
typedef enum {
    GDK_VISUAL_STATIC_GRAY = 0,
    GDK_VISUAL_GRAYSCALE = 1,
    GDK_VISUAL_STATIC_COLOR = 2,
    GDK_VISUAL_PSEUDO_COLOR = 3,
    GDK_VISUAL_TRUE_COLOR = 4,
    GDK_VISUAL_DIRECT_COLOR = 5
} GdkVisualType;
typedef enum {
    GDK_LSB_FIRST = 0,
    GDK_MSB_FIRST = 1
} GdkByteOrder;
typedef struct _GdkVisual {
    GObject parent_instance;
    GdkVisualType type;
    gint depth;
    GdkByteOrder byte_order;
    gint colormap_size;
    gint bits_per_rgb;
    guint32 red_mask;
    gint red_shift;
    gint red_prec;
    guint32 green_mask;
    gint green_shift;
    gint green_prec;
    guint32 blue_mask;
    gint blue_shift;
    gint blue_prec;
} GdkVisual;
typedef struct _GdkColormap {
```

```
    GObject parent_instance;
    gint size;
    GdkColor *colors;
    GdkVisual *visual;
    gpointer windowing_data;
} GdkColormap;
typedef struct _GdkGC {
    GObject parent_instance;
    gint clip_x_origin;
    gint clip_y_origin;
    gint ts_x_origin;
    gint ts_y_origin;
    GdkColormap *colormap;
} GdkGC;
typedef struct _GdkDrawable {
    GObject parent_instance;
} GdkDrawable;
typedef enum {
    GDK_SOURCE_MOUSE = 0,
    GDK_SOURCE_PEN = 1,
    GDK_SOURCE_ERASER = 2,
    GDK_SOURCE_CURSOR = 3
} GdkInputSource;
typedef enum {
    GDK_MODE_DISABLED = 0,
    GDK_MODE_SCREEN = 1,
    GDK_MODE_WINDOW = 2
} GdkInputMode;
typedef enum {
    GDK_AXIS_IGNORE = 0,
    GDK_AXIS_X = 1,
    GDK_AXIS_Y = 2,
    GDK_AXIS_PRESSURE = 3,
    GDK_AXIS_XTILT = 4,
    GDK_AXIS_YTILT = 5,
    GDK_AXIS_WHEEL = 6,
    GDK_AXIS_LAST = 7
} GdkAxisUse;
typedef struct _GdkDeviceAxis {
    GdkAxisUse use;
    gdouble min;
    gdouble max;
} GdkDeviceAxis;
typedef enum {
    GDK_SHIFT_MASK = 1,
    GDK_LOCK_MASK = 2,
    GDK_CONTROL_MASK = 4,
    GDK_MOD1_MASK = 8,
    GDK_MOD2_MASK = 16,
    GDK_MOD3_MASK = 32,
    GDK_MOD4_MASK = 64,
    GDK_MOD5_MASK = 128,
    GDK_BUTTON1_MASK = 256,
    GDK_BUTTON2_MASK = 512,
    GDK_BUTTON3_MASK = 1024,
    GDK_BUTTON4_MASK = 2048,
    GDK_BUTTON5_MASK = 4096,
    GDK_RELEASE_MASK = 1073741824,
    GDK_MODIFIER_MASK = 1073750015
} GdkModifierType;
typedef struct _GdkDeviceKey {
    guint keyval;
    GdkModifierType modifiers;
} GdkDeviceKey;
typedef struct _GdkDevice {
    GObject parent_instance;
```

 © 2008 Linux Foundation

```
    gchar *name;
    GdkInputSource source;
    GdkInputMode mode;
    gboolean has_cursor;
    gint num_axes;
    GdkDeviceAxis *axes;
    gint num_keys;
    GdkDeviceKey *keys;
} GdkDevice;
typedef struct _GdkDisplay {
    GObject parent_instance;
    GList *queued_events;
    GList *queued_tail;
    guint32 button_click_time[2];
    GdkWindow *button_window[2];
    gint button_number[2];
    guint double_click_time;
    GdkDevice *core_pointer;
    const GdkDisplayPointerHooks *pointer_hooks;
    guint closed:1;
    guint double_click_distance;
    gint button_x[2];
    gint button_y[2];
} GdkDisplay;
typedef struct _GdkScreen GdkScreen;
typedef struct _GdkDisplayPointerHooks {
     void (*get_pointer) (GdkDisplay *, GdkScreen * *, gint *,
gint *,
                          GdkModifierType *);
     GdkWindow *(*window_get_pointer) (GdkDisplay *, GdkWindow *,
gint *,
                                       gint *, GdkModifierType *);
     GdkWindow *(*window_at_pointer) (GdkDisplay *, gint *, gint
*);
} GdkDisplayPointerHooks;
typedef enum {
    GDK_EXPOSURE_MASK = 2,
    GDK_POINTER_MOTION_MASK = 4,
    GDK_POINTER_MOTION_HINT_MASK = 8,
    GDK_BUTTON_MOTION_MASK = 16,
    GDK_BUTTON1_MOTION_MASK = 32,
    GDK_BUTTON2_MOTION_MASK = 64,
    GDK_BUTTON3_MOTION_MASK = 128,
    GDK_BUTTON_PRESS_MASK = 256,
    GDK_BUTTON_RELEASE_MASK = 512,
    GDK_KEY_PRESS_MASK = 1024,
    GDK_KEY_RELEASE_MASK = 2048,
    GDK_ENTER_NOTIFY_MASK = 4096,
    GDK_LEAVE_NOTIFY_MASK = 8192,
    GDK_FOCUS_CHANGE_MASK = 16384,
    GDK_STRUCTURE_MASK = 32768,
    GDK_PROPERTY_CHANGE_MASK = 65536,
    GDK_VISIBILITY_NOTIFY_MASK = 131072,
    GDK_PROXIMITY_IN_MASK = 262144,
    GDK_PROXIMITY_OUT_MASK = 524288,
    GDK_SUBSTRUCTURE_MASK = 1048576,
    GDK_SCROLL_MASK = 2097152,
    GDK_ALL_EVENTS_MASK = 4194302
} GdkEventMask;
typedef enum {
    GDK_X_CURSOR = 0,
    GDK_ARROW = 2,
    GDK_BASED_ARROW_DOWN = 4,
    GDK_BASED_ARROW_UP = 6,
    GDK_BOAT = 8,
    GDK_BOGOSITY = 10,
```

```
GDK_BOTTOM_LEFT_CORNER = 12,
GDK_BOTTOM_RIGHT_CORNER = 14,
GDK_BOTTOM_SIDE = 16,
GDK_BOTTOM_TEE = 18,
GDK_BOX_SPIRAL = 20,
GDK_CENTER_PTR = 22,
GDK_CIRCLE = 24,
GDK_CLOCK = 26,
GDK_COFFEE_MUG = 28,
GDK_CROSS = 30,
GDK_CROSS_REVERSE = 32,
GDK_CROSSHAIR = 34,
GDK_DIAMOND_CROSS = 36,
GDK_DOT = 38,
GDK_DOTBOX = 40,
GDK_DOUBLE_ARROW = 42,
GDK_DRAFT_LARGE = 44,
GDK_DRAFT_SMALL = 46,
GDK_DRAPED_BOX = 48,
GDK_EXCHANGE = 50,
GDK_FLEUR = 52,
GDK_GOBBLER = 54,
GDK_GUMBY = 56,
GDK_HAND1 = 58,
GDK_HAND2 = 60,
GDK_HEART = 62,
GDK_ICON = 64,
GDK_IRON_CROSS = 66,
GDK_LEFT_PTR = 68,
GDK_LEFT_SIDE = 70,
GDK_LEFT_TEE = 72,
GDK_LEFTBUTTON = 74,
GDK_LL_ANGLE = 76,
GDK_LR_ANGLE = 78,
GDK_MAN = 80,
GDK_MIDDLEBUTTON = 82,
GDK_MOUSE = 84,
GDK_PENCIL = 86,
GDK_PIRATE = 88,
GDK_PLUS = 90,
GDK_QUESTION_ARROW = 92,
GDK_RIGHT_PTR = 94,
GDK_RIGHT_SIDE = 96,
GDK_RIGHT_TEE = 98,
GDK_RIGHTBUTTON = 100,
GDK_RTL_LOGO = 102,
GDK_SAILBOAT = 104,
GDK_SB_DOWN_ARROW = 106,
GDK_SB_H_DOUBLE_ARROW = 108,
GDK_SB_LEFT_ARROW = 110,
GDK_SB_RIGHT_ARROW = 112,
GDK_SB_UP_ARROW = 114,
GDK_SB_V_DOUBLE_ARROW = 116,
GDK_SHUTTLE = 118,
GDK_SIZING = 120,
GDK_SPIDER = 122,
GDK_SPRAYCAN = 124,
GDK_STAR = 126,
GDK_TARGET = 128,
GDK_TCROSS = 130,
GDK_TOP_LEFT_ARROW = 132,
GDK_TOP_LEFT_CORNER = 134,
GDK_TOP_RIGHT_CORNER = 136,
GDK_TOP_SIDE = 138,
GDK_TOP_TEE = 140,
GDK_TREK = 142,
```

 © 2008 Linux Foundation

```
    GDK_UL_ANGLE = 144,
    GDK_UMBRELLA = 146,
    GDK_UR_ANGLE = 148,
    GDK_WATCH = 150,
    GDK_XTERM = 152,
    GDK_LAST_CURSOR = 153,
    GDK_CURSOR_IS_PIXMAP = -1
} GdkCursorType;
typedef struct _GdkCursor {
    GdkCursorType type;
    guint ref_count;
} GdkCursor;
typedef struct _GdkKeymap {
    GObject parent_instance;
    GdkDisplay *display;
} GdkKeymap;
typedef struct _GdkAtom *GdkAtom;
typedef enum {
    GDK_FILTER_CONTINUE = 0,
    GDK_FILTER_TRANSLATE = 1,
    GDK_FILTER_REMOVE = 2
} GdkFilterReturn;
typedef void GdkXEvent;
typedef enum {
    GDK_NOTHING = -1,
    GDK_DELETE = 0,
    GDK_DESTROY = 1,
    GDK_EXPOSE = 2,
    GDK_MOTION_NOTIFY = 3,
    GDK_BUTTON_PRESS = 4,
    GDK_2BUTTON_PRESS = 5,
    GDK_3BUTTON_PRESS = 6,
    GDK_BUTTON_RELEASE = 7,
    GDK_KEY_PRESS = 8,
    GDK_KEY_RELEASE = 9,
    GDK_ENTER_NOTIFY = 10,
    GDK_LEAVE_NOTIFY = 11,
    GDK_FOCUS_CHANGE = 12,
    GDK_CONFIGURE = 13,
    GDK_MAP = 14,
    GDK_UNMAP = 15,
    GDK_PROPERTY_NOTIFY = 16,
    GDK_SELECTION_CLEAR = 17,
    GDK_SELECTION_REQUEST = 18,
    GDK_SELECTION_NOTIFY = 19,
    GDK_PROXIMITY_IN = 20,
    GDK_PROXIMITY_OUT = 21,
    GDK_DRAG_ENTER = 22,
    GDK_DRAG_LEAVE = 23,
    GDK_DRAG_MOTION = 24,
    GDK_DRAG_STATUS = 25,
    GDK_DROP_START = 26,
    GDK_DROP_FINISHED = 27,
    GDK_CLIENT_EVENT = 28,
    GDK_VISIBILITY_NOTIFY = 29,
    GDK_NO_EXPOSE = 30,
    GDK_SCROLL = 31,
    GDK_WINDOW_STATE = 32,
    GDK_SETTING = 33,
    GDK_OWNER_CHANGE = 34
} GdkEventType;
typedef struct _GdkEventAny {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
} GdkEventAny;
```

```
typedef struct _GdkRectangle {
    gint x;
    gint y;
    gint width;
    gint height;
} GdkRectangle;
typedef struct _GdkRegion GdkRegion;
typedef struct _GdkEventExpose {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    GdkRectangle area;
    GdkRegion *region;
    gint count;
} GdkEventExpose;
typedef struct _GdkEventNoExpose {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
} GdkEventNoExpose;
typedef enum {
    GDK_VISIBILITY_UNOBSCURED = 0,
    GDK_VISIBILITY_PARTIAL = 1,
    GDK_VISIBILITY_FULLY_OBSCURED = 2
} GdkVisibilityState;
typedef struct _GdkEventVisibility {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    GdkVisibilityState state;
} GdkEventVisibility;
typedef struct _GdkEventMotion {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    guint32 time;
    gdouble x;
    gdouble y;
    gdouble *axes;
    guint state;
    gint16 is_hint;
    GdkDevice *device;
    gdouble x_root;
    gdouble y_root;
} GdkEventMotion;
typedef struct _GdkEventButton {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    guint32 time;
    gdouble x;
    gdouble y;
    gdouble *axes;
    guint state;
    guint button;
    GdkDevice *device;
    gdouble x_root;
    gdouble y_root;
} GdkEventButton;
typedef enum {
    GDK_SCROLL_UP = 0,
    GDK_SCROLL_DOWN = 1,
    GDK_SCROLL_LEFT = 2,
    GDK_SCROLL_RIGHT = 3
} GdkScrollDirection;
typedef struct _GdkEventScroll {
```

 © 2008 Linux Foundation

```
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    guint32 time;
    gdouble x;
    gdouble y;
    guint state;
    GdkScrollDirection direction;
    GdkDevice *device;
    gdouble x_root;
    gdouble y_root;
} GdkEventScroll;
typedef struct _GdkEventKey {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    guint32 time;
    guint state;
    guint keyval;
    gint length;
    gchar *string;
    guint16 hardware_keycode;
    guint8 group;
} GdkEventKey;
typedef enum {
    GDK_CROSSING_NORMAL = 0,
    GDK_CROSSING_GRAB = 1,
    GDK_CROSSING_UNGRAB = 2
} GdkCrossingMode;
typedef enum {
    GDK_NOTIFY_ANCESTOR = 0,
    GDK_NOTIFY_VIRTUAL = 1,
    GDK_NOTIFY_INFERIOR = 2,
    GDK_NOTIFY_NONLINEAR = 3,
    GDK_NOTIFY_NONLINEAR_VIRTUAL = 4,
    GDK_NOTIFY_UNKNOWN = 5
} GdkNotifyType;
typedef struct _GdkEventCrossing {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    GdkWindow *subwindow;
    guint32 time;
    gdouble x;
    gdouble y;
    gdouble x_root;
    gdouble y_root;
    GdkCrossingMode mode;
    GdkNotifyType detail;
    gboolean focus;
    guint state;
} GdkEventCrossing;
typedef struct _GdkEventFocus {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    gint16 in;
} GdkEventFocus;
typedef struct _GdkEventConfigure {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    gint x;
    gint y;
    gint width;
    gint height;
```

```
} GdkEventConfigure;
typedef struct _GdkEventProperty {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    GdkAtom atom;
    guint32 time;
    guint state;
} GdkEventProperty;
typedef guint32 GdkNativeWindow;
typedef struct _GdkEventSelection {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    GdkAtom selection;
    GdkAtom target;
    GdkAtom property;
    guint32 time;
    GdkNativeWindow requestor;
} GdkEventSelection;
typedef enum {
    GDK_OWNER_CHANGE_NEW_OWNER = 0,
    GDK_OWNER_CHANGE_DESTROY = 1,
    GDK_OWNER_CHANGE_CLOSE = 2
} GdkOwnerChange;
typedef struct _GdkEventOwnerChange {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    GdkNativeWindow owner;
    GdkOwnerChange reason;
    GdkAtom selection;
    guint32 time;
    guint32 selection_time;
} GdkEventOwnerChange;
typedef struct _GdkEventProximity {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    guint32 time;
    GdkDevice *device;
} GdkEventProximity;
typedef struct _GdkEventClient {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    GdkAtom message_type;
    gushort data_format;
    union {
        char b[20];
        short int s[10];
        long int l[5];
    } data;
} GdkEventClient;
typedef enum {
    GDK_DRAG_PROTO_MOTIF = 0,
    GDK_DRAG_PROTO_XDND = 1,
    GDK_DRAG_PROTO_ROOTWIN = 2,
    GDK_DRAG_PROTO_NONE = 3,
    GDK_DRAG_PROTO_WIN32_DROPFILES = 4,
    GDK_DRAG_PROTO_OLE2 = 5,
    GDK_DRAG_PROTO_LOCAL = 6
} GdkDragProtocol;
typedef enum {
    GDK_ACTION_DEFAULT = 1,
    GDK_ACTION_COPY = 2,
```

 © 2008 Linux Foundation

```
    GDK_ACTION_MOVE = 4,
    GDK_ACTION_LINK = 8,
    GDK_ACTION_PRIVATE = 16,
    GDK_ACTION_ASK = 32
} GdkDragAction;
typedef struct _GdkDragContext {
    GObject parent_instance;
    GdkDragProtocol protocol;
    gboolean is_source;
    GdkWindow *source_window;
    GdkWindow *dest_window;
    GList *targets;
    GdkDragAction actions;
    GdkDragAction suggested_action;
    GdkDragAction action;
    guint32 start_time;
    gpointer windowing_data;
} GdkDragContext;
typedef short int gshort;
typedef struct _GdkEventDND {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    GdkDragContext *context;
    guint32 time;
    gshort x_root;
    gshort y_root;
} GdkEventDND;
typedef enum {
    GDK_WINDOW_STATE_WITHDRAWN = 1,
    GDK_WINDOW_STATE_ICONIFIED = 2,
    GDK_WINDOW_STATE_MAXIMIZED = 4,
    GDK_WINDOW_STATE_STICKY = 8,
    GDK_WINDOW_STATE_FULLSCREEN = 16,
    GDK_WINDOW_STATE_ABOVE = 32,
    GDK_WINDOW_STATE_BELOW = 64
} GdkWindowState;
typedef struct _GdkEventWindowState {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    GdkWindowState changed_mask;
    GdkWindowState new_window_state;
} GdkEventWindowState;
typedef enum {
    GDK_SETTING_ACTION_NEW = 0,
    GDK_SETTING_ACTION_CHANGED = 1,
    GDK_SETTING_ACTION_DELETED = 2
} GdkSettingAction;
typedef struct _GdkEventSetting {
    GdkEventType type;
    GdkWindow *window;
    gint8 send_event;
    GdkSettingAction action;
    char *name;
} GdkEventSetting;
typedef union _GdkEvent {
    GdkEventType type;
    GdkEventAny any;
    GdkEventExpose expose;
    GdkEventNoExpose no_expose;
    GdkEventVisibility visibility;
    GdkEventMotion motion;
    GdkEventButton button;
    GdkEventScroll scroll;
    GdkEventKey key;
```

```
    GdkEventCrossing crossing;
    GdkEventFocus focus_change;
    GdkEventConfigure configure;
    GdkEventProperty property;
    GdkEventSelection selection;
    GdkEventOwnerChange owner_change;
    GdkEventProximity proximity;
    GdkEventClient client;
    GdkEventDND dnd;
    GdkEventWindowState window_state;
    GdkEventSetting setting;
} GdkEvent;
typedef GdkFilterReturn(*GdkFilterFunc) (GdkXEvent *, GdkEvent *,
                                         gpointer);
typedef struct _GdkDrawable {
    GObject parent_instance;
} GdkPixmap;
typedef struct _GdkDrawable {
    GObject parent_instance;
} GdkBitmap;
typedef struct _GdkDisplayManager GdkDisplayManager;
typedef enum {
    GDK_CLIP_BY_CHILDREN = 0,
    GDK_INCLUDE_INFERIORS = 1
} GdkSubwindowMode;
typedef enum {
    GDK_WINDOW_EDGE_NORTH_WEST = 0,
    GDK_WINDOW_EDGE_NORTH = 1,
    GDK_WINDOW_EDGE_NORTH_EAST = 2,
    GDK_WINDOW_EDGE_WEST = 3,
    GDK_WINDOW_EDGE_EAST = 4,
    GDK_WINDOW_EDGE_SOUTH_WEST = 5,
    GDK_WINDOW_EDGE_SOUTH = 6,
    GDK_WINDOW_EDGE_SOUTH_EAST = 7
} GdkWindowEdge;
typedef enum {
    GDK_IMAGE_NORMAL = 0,
    GDK_IMAGE_SHARED = 1,
    GDK_IMAGE_FASTEST = 2
} GdkImageType;
typedef struct _GdkImage {
    GObject parent_instance;
    GdkImageType type;
    GdkVisual *visual;
    GdkByteOrder byte_order;
    gint width;
    gint height;
    guint16 depth;
    guint16 bpp;
    guint16 bpl;
    guint16 bits_per_pixel;
    gpointer mem;
    GdkColormap *colormap;
    gpointer windowing_data;
} GdkImage;
typedef struct _GdkPangoRendererPrivate GdkPangoRendererPrivate;
typedef struct _GdkPangoRenderer {
    PangoRenderer parent_instance;
    GdkPangoRendererPrivate *priv;
} GdkPangoRenderer;
typedef enum {
    GDK_GRAB_SUCCESS = 0,
    GDK_GRAB_ALREADY_GRABBED = 1,
    GDK_GRAB_INVALID_TIME = 2,
    GDK_GRAB_NOT_VIEWABLE = 3,
    GDK_GRAB_FROZEN = 4
```

 © 2008 Linux Foundation

```
} GdkGrabStatus;
typedef enum {
    GDK_SOLID = 0,
    GDK_TILED = 1,
    GDK_STIPPLED = 2,
    GDK_OPAQUE_STIPPLED = 3
} GdkFill;
typedef enum {
    GDK_WINDOW_TYPE_HINT_NORMAL = 0,
    GDK_WINDOW_TYPE_HINT_DIALOG = 1,
    GDK_WINDOW_TYPE_HINT_MENU = 2,
    GDK_WINDOW_TYPE_HINT_TOOLBAR = 3,
    GDK_WINDOW_TYPE_HINT_SPLASHSCREEN = 4,
    GDK_WINDOW_TYPE_HINT_UTILITY = 5,
    GDK_WINDOW_TYPE_HINT_DOCK = 6,
    GDK_WINDOW_TYPE_HINT_DESKTOP = 7
} GdkWindowTypeHint;
typedef struct _GdkTimeCoord {
    guint32 time;
    gdouble axes[128];
} GdkTimeCoord;
typedef struct _GdkPoint {
    gint x;
    gint y;
} GdkPoint;
typedef struct _GdkFont GdkFont;
typedef enum {
    GDK_DECOR_ALL = 1,
    GDK_DECOR_BORDER = 2,
    GDK_DECOR_RESIZEH = 4,
    GDK_DECOR_TITLE = 8,
    GDK_DECOR_MENU = 16,
    GDK_DECOR_MINIMIZE = 32,
    GDK_DECOR_MAXIMIZE = 64
} GdkWMDecoration;
typedef enum {
    GDK_FUNC_ALL = 1,
    GDK_FUNC_RESIZE = 2,
    GDK_FUNC_MOVE = 4,
    GDK_FUNC_MINIMIZE = 8,
    GDK_FUNC_MAXIMIZE = 16,
    GDK_FUNC_CLOSE = 32
} GdkWMFunction;
typedef struct _GdkKeymapKey {
    guint keycode;
    gint group;
    gint level;
} GdkKeymapKey;
typedef enum {
    GDK_RGB_DITHER_NONE = 0,
    GDK_RGB_DITHER_NORMAL = 1,
    GDK_RGB_DITHER_MAX = 2
} GdkRgbDither;
typedef struct _GdkRgbCmap {
    guint32 colors[256];
    gint n_colors;
    GSList *info_list;
} GdkRgbCmap;
typedef enum {
    GDK_COPY = 0,
    GDK_INVERT = 1,
    GDK_XOR = 2,
    GDK_CLEAR = 3,
    GDK_AND = 4,
    GDK_AND_REVERSE = 5,
    GDK_AND_INVERT = 6,
```

```
    GDK_NOOP = 7,
    GDK_OR = 8,
    GDK_EQUIV = 9,
    GDK_OR_REVERSE = 10,
    GDK_COPY_INVERT = 11,
    GDK_OR_INVERT = 12,
    GDK_NAND = 13,
    GDK_NOR = 14,
    GDK_SET = 15
} GdkFunction;
typedef enum {
    GDK_LINE_SOLID = 0,
    GDK_LINE_ON_OFF_DASH = 1,
    GDK_LINE_DOUBLE_DASH = 2
} GdkLineStyle;
typedef enum {
    GDK_CAP_NOT_LAST = 0,
    GDK_CAP_BUTT = 1,
    GDK_CAP_ROUND = 2,
    GDK_CAP_PROJECTING = 3
} GdkCapStyle;
typedef enum {
    GDK_JOIN_MITER = 0,
    GDK_JOIN_ROUND = 1,
    GDK_JOIN_BEVEL = 2
} GdkJoinStyle;
typedef struct _GdkGCValues {
    GdkColor foreground;
    GdkColor background;
    GdkFont *font;
    GdkFunction function;
    GdkFill fill;
    GdkPixmap *tile;
    GdkPixmap *stipple;
    GdkPixmap *clip_mask;
    GdkSubwindowMode subwindow_mode;
    gint ts_x_origin;
    gint ts_y_origin;
    gint clip_x_origin;
    gint clip_y_origin;
    gint graphics_exposures;
    gint line_width;
    GdkLineStyle line_style;
    GdkCapStyle cap_style;
    GdkJoinStyle join_style;
} GdkGCValues;
typedef enum {
    GDK_GC_FOREGROUND = 1,
    GDK_GC_BACKGROUND = 2,
    GDK_GC_FONT = 4,
    GDK_GC_FUNCTION = 8,
    GDK_GC_FILL = 16,
    GDK_GC_TILE = 32,
    GDK_GC_STIPPLE = 64,
    GDK_GC_CLIP_MASK = 128,
    GDK_GC_SUBWINDOW = 256,
    GDK_GC_TS_X_ORIGIN = 512,
    GDK_GC_TS_Y_ORIGIN = 1024,
    GDK_GC_CLIP_X_ORIGIN = 2048,
    GDK_GC_CLIP_Y_ORIGIN = 4096,
    GDK_GC_EXPOSURES = 8192,
    GDK_GC_LINE_WIDTH = 16384,
    GDK_GC_LINE_STYLE = 32768,
    GDK_GC_CAP_STYLE = 65536,
    GDK_GC_JOIN_STYLE = 131072
} GdkGCValuesMask;
```

 © 2008 Linux Foundation

```
typedef enum {
    GDK_WINDOW_ROOT = 0,
    GDK_WINDOW_TOPLEVEL = 1,
    GDK_WINDOW_CHILD = 2,
    GDK_WINDOW_DIALOG = 3,
    GDK_WINDOW_TEMP = 4,
    GDK_WINDOW_FOREIGN = 5
} GdkWindowType;
typedef struct _GdkSpan {
    gint x;
    gint y;
    gint width;
} GdkSpan;
typedef void (*GdkSpanFunc) (GdkSpan *, gpointer);
typedef enum {
    GDK_GRAVITY_NORTH_WEST = 1,
    GDK_GRAVITY_NORTH = 2,
    GDK_GRAVITY_NORTH_EAST = 3,
    GDK_GRAVITY_WEST = 4,
    GDK_GRAVITY_CENTER = 5,
    GDK_GRAVITY_EAST = 6,
    GDK_GRAVITY_SOUTH_WEST = 7,
    GDK_GRAVITY_SOUTH = 8,
    GDK_GRAVITY_SOUTH_EAST = 9,
    GDK_GRAVITY_STATIC = 10
} GdkGravity;
typedef struct _GdkGeometry {
    gint min_width;
    gint min_height;
    gint max_width;
    gint max_height;
    gint base_width;
    gint base_height;
    gint width_inc;
    gint height_inc;
    gdouble min_aspect;
    gdouble max_aspect;
    GdkGravity win_gravity;
} GdkGeometry;
typedef enum {
    GDK_HINT_POS = 1,
    GDK_HINT_MIN_SIZE = 2,
    GDK_HINT_MAX_SIZE = 4,
    GDK_HINT_BASE_SIZE = 8,
    GDK_HINT_ASPECT = 16,
    GDK_HINT_RESIZE_INC = 32,
    GDK_HINT_WIN_GRAVITY = 64,
    GDK_HINT_USER_POS = 128,
    GDK_HINT_USER_SIZE = 256
} GdkWindowHints;
typedef void (*GdkEventFunc) (GdkEvent *, gpointer);
typedef enum {
    GDK_OVERLAP_RECTANGLE_IN = 0,
    GDK_OVERLAP_RECTANGLE_OUT = 1,
    GDK_OVERLAP_RECTANGLE_PART = 2
} GdkOverlapType;
typedef struct _GdkSegment {
    gint x1;
    gint y1;
    gint x2;
    gint y2;
} GdkSegment;
typedef enum {
    GDK_PROP_MODE_REPLACE = 0,
    GDK_PROP_MODE_PREPEND = 1,
    GDK_PROP_MODE_APPEND = 2
```

```
} GdkPropMode;
typedef enum {
    GDK_INPUT_OUTPUT = 0,
    GDK_INPUT_ONLY = 1
} GdkWindowClass;
typedef struct _GdkWindowAttr {
    gchar *title;
    gint event_mask;
    gint x;
    gint y;
    gint width;
    gint height;
    GdkWindowClass wclass;
    GdkVisual *visual;
    GdkColormap *colormap;
    GdkWindowType window_type;
    GdkCursor *cursor;
    gchar *wmclass_name;
    gchar *wmclass_class;
    gboolean override_redirect;
} GdkWindowAttr;
typedef struct _GdkTrapezoid {
    double y1;
    double x11;
    double x21;
    double y2;
    double x12;
    double x22;
} GdkTrapezoid;
typedef enum {
    GDK_EVEN_ODD_RULE = 0,
    GDK_WINDING_RULE = 1
} GdkFillRule;
typedef struct _GdkPointerHooks {
    GdkWindow *(*get_pointer) (GdkWindow *, gint *, gint *,
                               GdkModifierType *);
      GdkWindow *(*window_at_pointer) (GdkScreen *, gint *, gint
*);
} GdkPointerHooks;
typedef enum {
    GDK_EXTENSION_EVENTS_NONE = 0,
    GDK_EXTENSION_EVENTS_ALL = 1,
    GDK_EXTENSION_EVENTS_CURSOR = 2
} GdkExtensionMode;
typedef struct _GdkWindowObject {
    GdkDrawable parent_instance;
    GdkDrawable *impl;
    GdkWindowObject *parent;
    gpointer user_data;
    gint x;
    gint y;
    gint extension_events;
    GList *filters;
    GList *children;
    GdkColor bg_color;
    GdkPixmap *bg_pixmap;
    GSList *paint_stack;
    GdkRegion *update_area;
    guint update_freeze_count;
    guint8 window_type;
    guint8 depth;
    guint8 resize_count;
    GdkWindowState state;
    guint guffaw_gravity:1;
    guint input_only:1;
    guint modal_hint:1;
```

 © 2008 Linux Foundation

```
    guint destroyed:2;
    guint accept_focus:1;
    guint focus_on_map:1;
    GdkEventMask event_mask;
} GdkWindowObject;
typedef struct _GdkScreenClass {
    GObjectClass parent_class;
    void (*size_changed) (GdkScreen *);
} GdkScreenClass;
typedef guint32 GdkWChar;
typedef struct _GdkPixmapObject {
    GdkDrawable parent_instance;
    GdkDrawable *impl;
    gint depth;
} GdkPixmapObject;
typedef enum {
    GDK_INPUT_READ = 1,
    GDK_INPUT_WRITE = 2,
    GDK_INPUT_EXCEPTION = 4
} GdkInputCondition;
typedef     void     (*GdkInputFunction)     (gpointer,     gint,
GdkInputCondition);
typedef struct _GdkImageClass {
    GObjectClass parent_class;
} GdkImageClass;
typedef void (*GdkDestroyNotify) (gpointer);
typedef struct _GdkKeymapClass {
    GObjectClass parent_class;
    void (*direction_changed) (GdkKeymap *);
    void (*keys_changed) (GdkKeymap *);
} GdkKeymapClass;
typedef struct _GdkDrawableClass {
    GObjectClass parent_class;
         GdkGC  *(*create_gc)  (GdkDrawable  *,  GdkGCValues  *,
GdkGCValuesMask);
      void (*draw_rectangle) (GdkDrawable *, GdkGC *, gboolean,
gint, gint,
                              gint, gint);
      void (*draw_arc) (GdkDrawable *, GdkGC *, gboolean, gint,
gint, gint,
                        gint, gint, gint);
       void  (*draw_polygon)  (GdkDrawable  *,  GdkGC  *,  gboolean,
GdkPoint *,
                             gint);
     void (*draw_text) (GdkDrawable *, GdkFont *, GdkGC *, gint,
gint,
                        const gchar *, gint);
      void  (*draw_text_wc)  (GdkDrawable  *,  GdkFont  *,  GdkGC  *,
gint, gint,
                              const GdkWChar *, gint);
    void (*draw_drawable) (GdkDrawable *, GdkGC *, GdkDrawable *,
gint,
                           gint, gint, gint, gint, gint);
      void  (*draw_points)  (GdkDrawable  *,  GdkGC  *,  GdkPoint  *,
gint);
     void (*draw_segments) (GdkDrawable *, GdkGC *, GdkSegment *,
gint);
       void  (*draw_lines)  (GdkDrawable  *,  GdkGC  *,  GdkPoint  *,
gint);
      void  (*draw_glyphs)  (GdkDrawable  *,  GdkGC  *,  PangoFont  *,
gint, gint,
                            PangoGlyphString *);
    void (*draw_image) (GdkDrawable *, GdkGC *, GdkImage *, gint,
gint,
                        gint, gint, gint, gint);
     gint(*get_depth) (GdkDrawable *);
```

```
    void (*get_size) (GdkDrawable *, gint *, gint *);
    void (*set_colormap) (GdkDrawable *, GdkColormap *);
    GdkColormap *(*get_colormap) (GdkDrawable *);
    GdkVisual *(*get_visual) (GdkDrawable *);
    GdkScreen *(*get_screen) (GdkDrawable *);
      GdkImage *(*get_image) (GdkDrawable *, gint, gint, gint,
gint);
    GdkRegion *(*get_clip_region) (GdkDrawable *);
    GdkRegion *(*get_visible_region) (GdkDrawable *);
     GdkDrawable *(*get_composite_drawable) (GdkDrawable *, gint,
gint,
                                             gint, gint, gint *,
gint *);
     void (*draw_pixbuf) (GdkDrawable *, GdkGC *, GdkPixbuf *,
gint, gint,
                          gint, gint, gint, gint, GdkRgbDither,
gint, gint);
    GdkImage *(*_copy_to_image) (GdkDrawable *, GdkImage *, gint,
gint,
                                 gint, gint, gint, gint);
      void (*draw_glyphs_transformed) (GdkDrawable *, GdkGC *,
PangoMatrix *,
                                       PangoFont *, gint, gint,
                                       PangoGlyphString *);
    void (*draw_trapezoids) (GdkDrawable *, GdkGC *, GdkTrapezoid
*, gint);
    void (*_gdk_reserved3) (void);
    void (*_gdk_reserved4) (void);
    void (*_gdk_reserved5) (void);
    void (*_gdk_reserved6) (void);
    void (*_gdk_reserved7) (void);
    void (*_gdk_reserved9) (void);
    void (*_gdk_reserved10) (void);
    void (*_gdk_reserved11) (void);
    void (*_gdk_reserved12) (void);
    void (*_gdk_reserved13) (void);
    void (*_gdk_reserved14) (void);
    void (*_gdk_reserved15) (void);
    void (*_gdk_reserved16) (void);
} GdkDrawableClass;
typedef struct _GdkPangoAttrEmbossed {
    PangoAttribute attr;
    gboolean embossed;
} GdkPangoAttrEmbossed;
typedef struct _GdkDisplayManagerClass {
    GObjectClass parent_class;
    void (*display_opened) (GdkDisplayManager *, GdkDisplay *);
} GdkDisplayManagerClass;
typedef struct _GdkPixmapObjectClass {
    GdkDrawableClass parent_class;
} GdkPixmapObjectClass;
typedef struct _GdkPangoRendererClass {
    PangoRendererClass parent_class;
} GdkPangoRendererClass;
typedef struct _GdkDisplayClass {
    GObjectClass parent_class;
    const gchar *(*get_display_name) (GdkDisplay *);
     gint(*get_n_screens) (GdkDisplay *);
    GdkScreen *(*get_screen) (GdkDisplay *, gint);
    GdkScreen *(*get_default_screen) (GdkDisplay *);
    void (*closed) (GdkDisplay *, gboolean);
} GdkDisplayClass;
typedef struct _GdkPangoAttrStipple {
    PangoAttribute attr;
    GdkBitmap *stipple;
} GdkPangoAttrStipple;
```

 © 2008 Linux Foundation

```
typedef struct _GdkColormapClass {
    GObjectClass parent_class;
} GdkColormapClass;
typedef struct _GdkDragContextClass {
    GObjectClass parent_class;
} GdkDragContextClass;
typedef struct _GdkWindowObjectClass {
    GdkDrawableClass parent_class;
} GdkWindowObjectClass;
typedef struct _GdkGCClass {
    GObjectClass parent_class;
    void (*get_values) (GdkGC *, GdkGCValues *);
    void (*set_values) (GdkGC *, GdkGCValues *, GdkGCValuesMask);
    void (*set_dashes) (GdkGC *, gint, gint8 *, gint);
    void (*_gdk_reserved1) (void);
    void (*_gdk_reserved2) (void);
    void (*_gdk_reserved3) (void);
    void (*_gdk_reserved4) (void);
} GdkGCClass;
typedef struct _GdkDeviceClass GdkDeviceClass;
typedef struct _GdkVisualClass GdkVisualClass;
typedef enum {
    GDK_OK = 0,
    GDK_ERROR = -1,
    GDK_ERROR_PARAM = -2,
    GDK_ERROR_FILE = -3,
    GDK_ERROR_MEM = -4
} GdkStatus;
typedef enum {
    GDK_PROPERTY_NEW_VALUE,
    GDK_PROPERTY_DELETE
} GdkPropertyState;
typedef enum {
    GDK_WA_TITLE = 1 << 1,
    GDK_WA_X = 1 << 2,
    GDK_WA_Y = 1 << 3,
    GDK_WA_CURSOR = 1 << 4,
    GDK_WA_COLORMAP = 1 << 5,
    GDK_WA_VISUAL = 1 << 6,
    GDK_WA_WMCLASS = 1 << 7,
    GDK_WA_NOREDIR = 1 << 8
} GdkWindowAttributesType;
extern void gdk_add_client_message_filter(GdkAtom message_type,
                                          GdkFilterFunc func,
                                          gpointer data);
extern GdkAtom gdk_atom_intern(const gchar * atom_name,
                               gboolean only_if_exists);
extern gchar *gdk_atom_name(GdkAtom atom);
extern GType gdk_axis_use_get_type(void);
extern void gdk_beep(void);
extern                    struct                    _GdkDrawable
*gdk_bitmap_create_from_data(GdkDrawable *
                                                            drawable,
                                                                 const
gchar * data,
                                                                  gint
width,
                                                                  gint
height);
extern GType gdk_byte_order_get_type(void);
extern GType gdk_cap_style_get_type(void);
extern GdkColor *gdk_color_copy(const GdkColor * color);
extern gboolean gdk_color_equal(const GdkColor * colora,
                                const GdkColor * colorb);
extern void gdk_color_free(GdkColor * color);
extern GType gdk_color_get_type(void);
```

```
extern guint gdk_color_hash(const GdkColor * colora);
extern  gint  gdk_color_parse(const  gchar  *  spec,  GdkColor  *
color);
extern gboolean gdk_colormap_alloc_color(GdkColormap * colormap,
                                         GdkColor * color,
                                         gboolean writeable,
                                         gboolean best_match);
extern gint gdk_colormap_alloc_colors(GdkColormap * colormap,
                                          GdkColor * colors, gint
ncolors,
                                      gboolean writeable,
                                      gboolean best_match,
                                      gboolean * success);
extern void gdk_colormap_free_colors(GdkColormap * colormap,
                                         GdkColor * colors, gint
ncolors);
extern GdkScreen *gdk_colormap_get_screen(GdkColormap * cmap);
extern GdkColormap *gdk_colormap_get_system(void);
extern GType gdk_colormap_get_type(void);
extern    GdkVisual    *gdk_colormap_get_visual(GdkColormap    *
colormap);
extern GdkColormap *gdk_colormap_new(GdkVisual * visual,
                                     gboolean allocate);
extern  void  gdk_colormap_query_color(GdkColormap  *  colormap,
gulong pixel,
                                     GdkColor * result);
extern GType gdk_crossing_mode_get_type(void);
extern GdkDisplay *gdk_cursor_get_display(GdkCursor * cursor);
extern GdkPixbuf *gdk_cursor_get_image(GdkCursor * cursor);
extern GType gdk_cursor_get_type(void);
extern GdkCursor *gdk_cursor_new(GdkCursorType cursor_type);
extern   GdkCursor    *gdk_cursor_new_for_display(GdkDisplay    *
display,
                                                  GdkCursorType
cursor_type);
extern GdkCursor *gdk_cursor_new_from_name(GdkDisplay * display,
                                           const gchar * name);
extern   GdkCursor    *gdk_cursor_new_from_pixbuf(GdkDisplay    *
display,
                                             GdkPixbuf * pixbuf,
gint x,
                                            gint y);
extern GdkCursor *gdk_cursor_new_from_pixmap(GdkPixmap * source,
                                            GdkPixmap * mask,
                                            const GdkColor * fg,
                                             const GdkColor * bg,
gint x,
                                            gint y);
extern GdkCursor *gdk_cursor_ref(GdkCursor * cursor);
extern GType gdk_cursor_type_get_type(void);
extern void gdk_cursor_unref(GdkCursor * cursor);
extern void gdk_device_free_history(GdkTimeCoord * *events, gint
n_events);
extern gboolean gdk_device_get_axis(GdkDevice * device, gdouble *
axes,
                                    GdkAxisUse use, gdouble *
value);
extern GdkDevice *gdk_device_get_core_pointer(void);
extern gboolean gdk_device_get_history(GdkDevice * device,
                                         GdkWindow * window,
guint32 start,
                                       guint32 stop,
                                       GdkTimeCoord * **events,
                                       gint * n_events);
extern void gdk_device_get_state(GdkDevice * device, GdkWindow *
window,
```

 © 2008 Linux Foundation

```
                                    gdouble * axes, GdkModifierType
* mask);
extern GType gdk_device_get_type(void);
extern  void  gdk_device_set_axis_use(GdkDevice  *  device,  guint
index_,
                                     GdkAxisUse use);
extern void gdk_device_set_key(GdkDevice * device, guint index_,
                                     guint keyval, GdkModifierType
modifiers);
extern    gboolean    gdk_device_set_mode(GdkDevice    *    device,
GdkInputMode mode);
extern void gdk_device_set_source(GdkDevice * device,
                                  GdkInputSource source);
extern GList *gdk_devices_list(void);
extern  void  gdk_display_add_client_message_filter(GdkDisplay  *
display,
                                                    GdkAtom
message_type,
                                                      GdkFilterFunc
func,
                                                     gpointer data);
extern void gdk_display_beep(GdkDisplay * display);
extern void gdk_display_close(GdkDisplay * display);
extern void gdk_display_flush(GdkDisplay * display);
extern   GdkDevice   *gdk_display_get_core_pointer(GdkDisplay   *
display);
extern GdkDisplay *gdk_display_get_default(void);
extern   guint   gdk_display_get_default_cursor_size(GdkDisplay   *
display);
extern   GdkWindow   *gdk_display_get_default_group(GdkDisplay   *
display);
extern   GdkScreen   *gdk_display_get_default_screen(GdkDisplay   *
display);
extern GdkEvent *gdk_display_get_event(GdkDisplay * display);
extern   void   gdk_display_get_maximal_cursor_size(GdkDisplay   *
display,
                                                    guint * width,
                                                    guint * height);
extern gint gdk_display_get_n_screens(GdkDisplay * display);
extern const gchar *gdk_display_get_name(GdkDisplay * display);
extern void gdk_display_get_pointer(GdkDisplay * display,
                                    GdkScreen * *screen, gint *
x,
                                    gint * y, GdkModifierType *
mask);
extern GdkScreen *gdk_display_get_screen(GdkDisplay * display,
                                      gint screen_num);
extern GType gdk_display_get_type(void);
extern  GdkWindow  *gdk_display_get_window_at_pointer(GdkDisplay  *
display,
                                                      gint * win_x,
                                                             gint *
win_y);
extern void gdk_display_keyboard_ungrab(GdkDisplay * display,
                                      guint32 time_);
extern GList *gdk_display_list_devices(GdkDisplay * display);
extern GdkDisplayManager *gdk_display_manager_get(void);
extern GdkDisplay
    *gdk_display_manager_get_default_display(GdkDisplayManager *
                                            display_manager);
extern GType gdk_display_manager_get_type(void);
extern                                                       GSList
*gdk_display_manager_list_displays(GdkDisplayManager *
                                                    display_manager)
;
extern                                                         void
```

```
gdk_display_manager_set_default_display(GdkDisplayManager *
                                                        display_manag
er,
                                                         GdkDisplay *
display);
extern GdkDisplay *gdk_display_open(const gchar * display_name);
extern GdkEvent *gdk_display_peek_event(GdkDisplay * display);
extern   gboolean   gdk_display_pointer_is_grabbed(GdkDisplay   *
display);
extern void gdk_display_pointer_ungrab(GdkDisplay * display,
                                       guint32 time_);
extern void gdk_display_put_event(GdkDisplay * display, GdkEvent
* event);
extern                                                  gboolean
gdk_display_request_selection_notification(GdkDisplay *
                                                          displa
y,
                                                          GdkAto
m
                                                          select
ion);
extern  void  gdk_display_set_double_click_distance(GdkDisplay  *
display,
                                                           guint
distance);
extern   void   gdk_display_set_double_click_time(GdkDisplay   *
display,
                                             guint msec);
extern                                     GdkDisplayPointerHooks
*gdk_display_set_pointer_hooks(GdkDisplay *
                                                           disp
lay,
                                                           cons
t
                                                           GdkD
isplayPointerHooks
                                                              *
new_hooks);
extern void gdk_display_store_clipboard(GdkDisplay * display,
                                                         GdkWindow  *
clipboard_window,
                                          guint32 time_, GdkAtom *
targets,
                                         gint n_targets);
extern                                                  gboolean
gdk_display_supports_clipboard_persistence(GdkDisplay *
                                                          displa
y);
extern  gboolean  gdk_display_supports_cursor_alpha(GdkDisplay  *
display);
extern  gboolean  gdk_display_supports_cursor_color(GdkDisplay  *
display);
extern                                                  gboolean
gdk_display_supports_selection_notification(GdkDisplay *
                                                           displ
ay);
extern void gdk_display_sync(GdkDisplay * display);
extern void gdk_display_warp_pointer(GdkDisplay * display,
                                     GdkScreen * screen, gint x,
gint y);
extern  void  gdk_drag_abort(GdkDragContext  *  context,  guint32
time_);
extern GType gdk_drag_action_get_type(void);
extern GdkDragContext *gdk_drag_begin(GdkWindow * window, GList *
targets);
extern GType gdk_drag_context_get_type(void);
```

 © 2008 Linux Foundation

```
extern GdkDragContext *gdk_drag_context_new(void);
extern  void  gdk_drag_drop(GdkDragContext  *  context,  guint32
time_);
extern    gboolean    gdk_drag_drop_succeeded(GdkDragContext    *
context);
extern void gdk_drag_find_window(GdkDragContext * context,
                                 GdkWindow * drag_window, gint
x_root,
                                     gint y_root, GdkWindow *
*dest_window,
                                 GdkDragProtocol * protocol);
extern   void   gdk_drag_find_window_for_screen(GdkDragContext   *
context,
                                                 GdkWindow *
drag_window,
                                            GdkScreen * screen,
                                                 gint x_root, gint
y_root,
                                                 GdkWindow *
*dest_window,
                                                 GdkDragProtocol *
protocol);
extern guint32 gdk_drag_get_protocol(guint32 xid,
                                     GdkDragProtocol * protocol);
extern  guint32  gdk_drag_get_protocol_for_display(GdkDisplay  *
display,
                                                   guint32 xid,
                                                    GdkDragProtocol
*
                                                   protocol);
extern GdkAtom gdk_drag_get_selection(GdkDragContext * context);
extern gboolean gdk_drag_motion(GdkDragContext * context,
                                GdkWindow * dest_window,
                                   GdkDragProtocol protocol, gint
x_root,
                                gint y_root,
                                GdkDragAction suggested_action,
                                GdkDragAction possible_actions,
                                guint32 time_);
extern GType gdk_drag_protocol_get_type(void);
extern    void    gdk_drag_status(GdkDragContext    *    context,
GdkDragAction action,
                            guint32 time_);
extern void gdk_draw_arc(GdkDrawable * drawable, GdkGC * gc,
                            gboolean filled, gint x, gint y, gint
width,
                         gint height, gint angle1, gint angle2);
extern void gdk_draw_drawable(GdkDrawable * drawable, GdkGC * gc,
                              GdkDrawable * src, gint xsrc, gint
ysrc,
                              gint xdest, gint ydest, gint width,
                              gint height);
extern void gdk_draw_glyphs(GdkDrawable * drawable, GdkGC * gc,
                            PangoFont * font, gint x, gint y,
                            PangoGlyphString * glyphs);
extern  void  gdk_draw_glyphs_transformed(GdkDrawable  *  drawable,
GdkGC * gc,
                                          PangoMatrix * matrix,
                                           PangoFont * font, gint x,
gint y,
                                                   PangoGlyphString *
glyphs);
extern  void  gdk_draw_gray_image(GdkDrawable  *  drawable,  GdkGC  *
gc, gint x,
                                gint y, gint width, gint height,
                                GdkRgbDither dith, guchar * buf,
```

```
                                gint rowstride);
extern void gdk_draw_image(GdkDrawable * drawable, GdkGC * gc,
                                GdkImage * image, gint xsrc, gint
ysrc,
                               gint xdest, gint ydest, gint width,
                               gint height);
extern void gdk_draw_indexed_image(GdkDrawable * drawable, GdkGC
* gc,
                                     gint x, gint y, gint width,
gint height,
                                     GdkRgbDither dith, guchar *
buf,
                                    gint rowstride, GdkRgbCmap *
cmap);
extern void gdk_draw_layout(GdkDrawable * drawable, GdkGC * gc,
int x,
                             int y, PangoLayout * layout);
extern void gdk_draw_layout_line(GdkDrawable * drawable, GdkGC *
gc,
                                  gint x, gint y, PangoLayoutLine
* line);
extern   void   gdk_draw_layout_line_with_colors(GdkDrawable   *
drawable,
                                                 GdkGC * gc, gint x,
gint y,
                                                   PangoLayoutLine *
line,
                                                    const GdkColor *
foreground,
                                                    const GdkColor *
background);
extern void gdk_draw_layout_with_colors(GdkDrawable * drawable,
GdkGC * gc,
                                        int x, int y, PangoLayout
* layout,
                                                    const GdkColor *
foreground,
                                                    const GdkColor *
background);
extern void gdk_draw_line(GdkDrawable * drawable, GdkGC * gc,
gint x1_,
                           gint y1_, gint x2_, gint y2_);
extern void gdk_draw_lines(GdkDrawable * drawable, GdkGC * gc,
                           GdkPoint * points, gint npoints);
extern void gdk_draw_pixbuf(GdkDrawable * drawable, GdkGC * gc,
                             GdkPixbuf * pixbuf, gint src_x, gint
src_y,
                            gint dest_x, gint dest_y, gint width,
                            gint height, GdkRgbDither dither,
                            gint x_dither, gint y_dither);
extern void gdk_draw_point(GdkDrawable * drawable, GdkGC * gc,
gint x,
                           gint y);
extern void gdk_draw_points(GdkDrawable * drawable, GdkGC * gc,
                            GdkPoint * points, gint npoints);
extern void gdk_draw_polygon(GdkDrawable * drawable, GdkGC * gc,
                             gboolean filled, GdkPoint * points,
                             gint npoints);
extern void gdk_draw_rectangle(GdkDrawable * drawable, GdkGC *
gc,
                                gboolean filled, gint x, gint y,
gint width,
                               gint height);
extern void gdk_draw_rgb_32_image(GdkDrawable * drawable, GdkGC *
gc,
                                  gint x, gint y, gint width,
```

 © 2008 Linux Foundation

```
gint height,
                                        GdkRgbDither dith, guchar *
buf,
                                    gint rowstride);
extern    void    gdk_draw_rgb_32_image_dithalign(GdkDrawable    *
drawable,
                                                GdkGC * gc, gint x,
gint y,
                                                   gint width, gint
height,
                                               GdkRgbDither dith,
                                                  guchar * buf, gint
rowstride,
                                                   gint xdith, gint
ydith);
extern  void  gdk_draw_rgb_image(GdkDrawable  *  drawable,  GdkGC  *
gc, gint x,
                                 gint y, gint width, gint height,
                                        GdkRgbDither dith, guchar *
rgb_buf,
                                 gint rowstride);
extern void gdk_draw_rgb_image_dithalign(GdkDrawable * drawable,
                                         GdkGC * gc, gint x, gint
y,
                                         gint width, gint height,
                                         GdkRgbDither dith,
                                           guchar * rgb_buf, gint
rowstride,
                                         gint xdith, gint ydith);
extern void gdk_draw_segments(GdkDrawable * drawable, GdkGC * gc,
                              GdkSegment * segs, gint nsegs);
extern  void  gdk_draw_trapezoids(GdkDrawable  *  drawable,  GdkGC  *
gc,
                                  GdkTrapezoid * trapezoids,
                                  gint n_trapezoids);
extern    GdkImage    *gdk_drawable_copy_to_image(GdkDrawable    *
drawable,
                                                  GdkImage * image,
gint src_x,
                                                   gint src_y, gint
dest_x,
                                                  gint dest_y, gint
width,
                                                gint height);
extern   GdkRegion   *gdk_drawable_get_clip_region(GdkDrawable   *
drawable);
extern   GdkColormap   *gdk_drawable_get_colormap(GdkDrawable   *
drawable);
extern gint gdk_drawable_get_depth(GdkDrawable * drawable);
extern    GdkDisplay    *gdk_drawable_get_display(GdkDrawable    *
drawable);
extern  GdkImage  *gdk_drawable_get_image(GdkDrawable  *  drawable,
gint x,
                                          gint y, gint width, gint
height);
extern    GdkScreen    *gdk_drawable_get_screen(GdkDrawable    *
drawable);
extern void gdk_drawable_get_size(GdkDrawable * drawable, gint *
width,
                                  gint * height);
extern GType gdk_drawable_get_type(void);
extern  GdkRegion  *gdk_drawable_get_visible_region(GdkDrawable  *
drawable);
extern    GdkVisual    *gdk_drawable_get_visual(GdkDrawable    *
drawable);
extern void gdk_drawable_set_colormap(GdkDrawable * drawable,
```

```
                                        GdkColormap * colormap);
extern void gdk_drop_finish(GdkDragContext * context, gboolean
success,
                            guint32 time_);
extern void gdk_drop_reply(GdkDragContext * context, gboolean ok,
                           guint32 time_);
extern gint gdk_error_trap_pop(void);
extern void gdk_error_trap_push(void);
extern GdkEvent *gdk_event_copy(GdkEvent * event);
extern void gdk_event_free(GdkEvent * event);
extern GdkEvent *gdk_event_get(void);
extern gboolean gdk_event_get_axis(GdkEvent * event, GdkAxisUse
axis_use,
                                   gdouble * value);
extern gboolean gdk_event_get_coords(GdkEvent * event, gdouble *
x_win,
                                     gdouble * y_win);
extern   GdkEvent   *gdk_event_get_graphics_expose(GdkWindow   *
window);
extern gboolean gdk_event_get_root_coords(GdkEvent * event,
                                          gdouble * x_root,
                                          gdouble * y_root);
extern GdkScreen *gdk_event_get_screen(GdkEvent * event);
extern gboolean gdk_event_get_state(GdkEvent * event,
                                    GdkModifierType * state);
extern guint32 gdk_event_get_time(GdkEvent * event);
extern GType gdk_event_get_type(void);
extern void gdk_event_handler_set(GdkEventFunc func, gpointer
data,
                                  GDestroyNotify notify);
extern GType gdk_event_mask_get_type(void);
extern GdkEvent *gdk_event_new(GdkEventType type);
extern GdkEvent *gdk_event_peek(void);
extern void gdk_event_put(GdkEvent * event);
extern gboolean gdk_event_send_client_message(GdkEvent * event,
                                              GdkNativeWindow
winid);
extern                                                  gboolean
gdk_event_send_client_message_for_display(GdkDisplay *
                                                         display
,
                                                         GdkEven
t * event,
                                                         GdkNati
veWindow
                                                        winid);
extern void gdk_event_send_clientmessage_toall(GdkEvent * event);
extern void gdk_event_set_screen(GdkEvent * event, GdkScreen *
screen);
extern GType gdk_event_type_get_type(void);
extern gboolean gdk_events_pending(void);
extern GType gdk_extension_mode_get_type(void);
extern GType gdk_fill_get_type(void);
extern GType gdk_fill_rule_get_type(void);
extern GType gdk_filter_return_get_type(void);
extern void gdk_flush(void);
extern GType gdk_font_type_get_type(void);
extern void gdk_free_compound_text(guchar * ctext);
extern void gdk_free_text_list(gchar * *list);
extern GType gdk_function_get_type(void);
extern void gdk_gc_copy(GdkGC * dst_gc, GdkGC * src_gc);
extern GdkColormap *gdk_gc_get_colormap(GdkGC * gc);
extern GdkScreen *gdk_gc_get_screen(GdkGC * gc);
extern GType gdk_gc_get_type(void);
extern void gdk_gc_get_values(GdkGC * gc, GdkGCValues * values);
extern GdkGC *gdk_gc_new(GdkDrawable * drawable);
```

 © 2008 Linux Foundation

```
extern GdkGC *gdk_gc_new_with_values(GdkDrawable * drawable,
                                     GdkGCValues * values,
                                                   GdkGCValuesMask
values_mask);
extern  void  gdk_gc_offset(GdkGC  *  gc,  gint  x_offset,  gint
y_offset);
extern  void  gdk_gc_set_background(GdkGC  *  gc,  const  GdkColor  *
color);
extern void gdk_gc_set_clip_mask(GdkGC * gc, GdkBitmap * mask);
extern void gdk_gc_set_clip_origin(GdkGC * gc, gint x, gint y);
extern void gdk_gc_set_clip_rectangle(GdkGC * gc,
                                      GdkRectangle * rectangle);
extern  void  gdk_gc_set_clip_region(GdkGC  *  gc,  GdkRegion  *
region);
extern  void  gdk_gc_set_colormap(GdkGC  *  gc,  GdkColormap  *
colormap);
extern void gdk_gc_set_dashes(GdkGC * gc, gint dash_offset,
                              gint8 * dash_list, gint n);
extern void gdk_gc_set_exposures(GdkGC * gc, gboolean exposures);
extern void gdk_gc_set_fill(GdkGC * gc, GdkFill fill);
extern  void  gdk_gc_set_foreground(GdkGC  *  gc,  const  GdkColor  *
color);
extern   void   gdk_gc_set_function(GdkGC   *   gc,   GdkFunction
function);
extern   void   gdk_gc_set_line_attributes(GdkGC   *   gc,   gint
line_width,
                                       GdkLineStyle line_style,
                                       GdkCapStyle cap_style,
                                       GdkJoinStyle join_style);
extern void gdk_gc_set_rgb_bg_color(GdkGC * gc, const GdkColor *
color);
extern void gdk_gc_set_rgb_fg_color(GdkGC * gc, const GdkColor *
color);
extern void gdk_gc_set_stipple(GdkGC * gc, GdkPixmap * stipple);
extern  void  gdk_gc_set_subwindow(GdkGC  *  gc,  GdkSubwindowMode
mode);
extern void gdk_gc_set_tile(GdkGC * gc, GdkPixmap * tile);
extern void gdk_gc_set_ts_origin(GdkGC * gc, gint x, gint y);
extern void gdk_gc_set_values(GdkGC * gc, GdkGCValues * values,
                              GdkGCValuesMask values_mask);
extern GType gdk_gc_values_mask_get_type(void);
extern GdkWindow *gdk_get_default_root_window(void);
extern gchar *gdk_get_display(void);
extern const gchar *gdk_get_display_arg_name(void);
extern const char *gdk_get_program_class(void);
extern gboolean gdk_get_show_events(void);
extern GType gdk_grab_status_get_type(void);
extern GType gdk_gravity_get_type(void);
extern GdkColormap *gdk_image_get_colormap(GdkImage * image);
extern guint32 gdk_image_get_pixel(GdkImage * image, gint x, gint
y);
extern GType gdk_image_get_type(void);
extern  GdkImage  *gdk_image_new(GdkImageType  type,  GdkVisual  *
visual,
                                 gint width, gint height);
extern void gdk_image_put_pixel(GdkImage * image, gint x, gint y,
                                guint32 pixel);
extern void gdk_image_set_colormap(GdkImage * image,
                                   GdkColormap * colormap);
extern GType gdk_image_type_get_type(void);
extern void gdk_init(int *argc, char ***argv);
extern gboolean gdk_init_check(int *argc, char ***argv);
extern GType gdk_input_condition_get_type(void);
extern GType gdk_input_mode_get_type(void);
extern  void  gdk_input_set_extension_events(GdkWindow  *  window,
gint mask,
```

```
                                                        GdkExtensionMode
mode);
extern GType gdk_input_source_get_type(void);
extern GType gdk_join_style_get_type(void);
extern GdkGrabStatus gdk_keyboard_grab(GdkWindow * window,
                                       gboolean owner_events,
                                       guint32 time_);
extern void gdk_keyboard_ungrab(guint32 time_);
extern GdkKeymap *gdk_keymap_get_default(void);
extern    PangoDirection    gdk_keymap_get_direction(GdkKeymap    *
keymap);
extern  gboolean  gdk_keymap_get_entries_for_keycode(GdkKeymap  *
keymap,
                                                                guint
hardware_keycode,
                                                      GdkKeymapKey *
*keys,
                                                             guint *
*keyvals,
                                                              gint *
n_entries);
extern   gboolean   gdk_keymap_get_entries_for_keyval(GdkKeymap   *
keymap,
                                                     guint keyval,
                                                      GdkKeymapKey *
*keys,
                                                     gint * n_keys);
extern    GdkKeymap    *gdk_keymap_get_for_display(GdkDisplay    *
display);
extern GType gdk_keymap_get_type(void);
extern guint gdk_keymap_lookup_key(GdkKeymap * keymap,
                                   const GdkKeymapKey * key);
extern  gboolean  gdk_keymap_translate_keyboard_state(GdkKeymap  *
keymap,
                                                                guint
hardware_keycode,
                                                       GdkModifierTy
pe state,
                                                      gint group,
                                                            guint *
keyval,
                                                              gint *
effective_group,
                                                      gint * level,
                                                       GdkModifierTy
pe *
                                                       consumed_modi
fiers);
extern void gdk_keyval_convert_case(guint symbol, guint * lower,
                                    guint * upper);
extern guint gdk_keyval_from_name(const gchar * keyval_name);
extern gboolean gdk_keyval_is_lower(guint keyval);
extern gboolean gdk_keyval_is_upper(guint keyval);
extern gchar *gdk_keyval_name(guint keyval);
extern guint gdk_keyval_to_lower(guint keyval);
extern guint32 gdk_keyval_to_unicode(guint keyval);
extern guint gdk_keyval_to_upper(guint keyval);
extern GType gdk_line_style_get_type(void);
extern GList *gdk_list_visuals(void);
extern GType gdk_modifier_type_get_type(void);
extern void gdk_notify_startup_complete(void);
extern GType gdk_notify_type_get_type(void);
extern GType gdk_overlap_type_get_type(void);
extern GType gdk_owner_change_get_type(void);
extern    PangoAttribute    *gdk_pango_attr_embossed_new(gboolean
embossed);
```

 © 2008 Linux Foundation

```
extern  PangoAttribute  *gdk_pango_attr_stipple_new(GdkBitmap  *
stipple);
extern PangoContext *gdk_pango_context_get(void);
extern PangoContext *gdk_pango_context_get_for_screen(GdkScreen *
screen);
extern GdkRegion *gdk_pango_layout_get_clip_region(PangoLayout *
layout,
                                                   gint x_origin,
                                                   gint y_origin,
                                                       gint *
index_ranges,
                                                         gint
n_ranges);
extern                                                  GdkRegion
*gdk_pango_layout_line_get_clip_region(PangoLayoutLine *
                                                  line,
                                                        gint
x_origin,
                                                        gint
y_origin,
                                                  gint *
                                                   index_ran
ges,
                                                        gint
n_ranges);
extern PangoRenderer *gdk_pango_renderer_get_default(GdkScreen *
screen);
extern GType gdk_pango_renderer_get_type(void);
extern PangoRenderer *gdk_pango_renderer_new(GdkScreen * screen);
extern void gdk_pango_renderer_set_drawable(GdkPangoRenderer *
                                            gdk_renderer,
                                                    GdkDrawable *
drawable);
extern    void    gdk_pango_renderer_set_gc(GdkPangoRenderer    *
gdk_renderer,
                                      GdkGC * gc);
extern                                                      void
gdk_pango_renderer_set_override_color(GdkPangoRenderer *
                                                  gdk_renderer,
                                                   PangoRenderPart
part,
                                                    const GdkColor
* color);
extern  void  gdk_pango_renderer_set_stipple(GdkPangoRenderer  *
gdk_renderer,
                                         PangoRenderPart part,
                                         GdkBitmap * stipple);
extern void gdk_parse_args(int *argc, char ***argv);
extern GdkPixbuf *gdk_pixbuf_get_from_drawable(GdkPixbuf * dest,
                                               GdkDrawable * src,
                                                     GdkColormap *
cmap,
                                                    int src_x, int
src_y,
                                                   int dest_x, int
dest_y,
                                                    int width, int
height);
extern GdkPixbuf *gdk_pixbuf_get_from_image(GdkPixbuf * dest,
                                            GdkImage * src,
                                              GdkColormap * cmap,
int src_x,
                                                    int src_y, int
dest_x,
                                                  int dest_y, int
width,
```

```
                                                int height);
extern void gdk_pixbuf_render_pixmap_and_mask(GdkPixbuf * pixbuf,
                                                                GdkPixmap *
*pixmap_return,
                                                                GdkBitmap *
*mask_return,
                                                                        int
alpha_threshold);
extern                                                                  void
gdk_pixbuf_render_pixmap_and_mask_for_colormap(GdkPixbuf *
                                                                      pixbuf
,
                                                                      GdkCol
ormap *
                                                                      colorm
ap,
                                                                      GdkPix
map *
                                                                      *pixma
p_return,
                                                                      GdkBit
map *
                                                                      *mask_
return,
                                                                     int
                                                                      alpha_
threshold);
extern void gdk_pixbuf_render_threshold_alpha(GdkPixbuf * pixbuf,
                                                    GdkBitmap * bitmap,
                                                          int src_x, int
src_y,
                                                         int dest_x, int
dest_y,
                                                          int width, int
height,
                                                                        int
alpha_threshold);
extern  GdkPixmap  *gdk_pixmap_colormap_create_from_xpm(GdkDrawable
*
                                                             drawable,
                                                             GdkColormap
*
                                                             colormap,
                                                             GdkBitmap *
*mask,
                                                                   const
GdkColor *
                                                             transparent
_color,
                                                             const gchar
*
                                                             filename);
extern                                                                GdkPixmap
*gdk_pixmap_colormap_create_from_xpm_d(GdkDrawable *
                                                               drawable,
                                                               GdkColorm
ap *
                                                               colormap,
                                                               GdkBitmap
* *mask,
                                                                    const
GdkColor *
                                                               transpare
nt_color,
                                                                 gchar *
*data);
```

 © 2008 Linux Foundation

```
extern   GdkPixmap   *gdk_pixmap_create_from_data(GdkDrawable   *
drawable,
                                                  const gchar * data,
                                                     gint width, gint
height,
                                                  gint depth,
                                                     const GdkColor *
fg,
                                                     const GdkColor *
bg);
extern   GdkPixmap   *gdk_pixmap_create_from_xpm(GdkDrawable   *
drawable,
                                                 GdkBitmap * *mask,
                                                 const GdkColor *
                                                 transparent_color,
                                                        const gchar *
filename);
extern   GdkPixmap   *gdk_pixmap_create_from_xpm_d(GdkDrawable   *
drawable,
                                                   GdkBitmap * *mask,
                                                   const GdkColor *
                                                   transparent_color,
                                                   gchar * *data);
extern GdkPixmap *gdk_pixmap_foreign_new(GdkNativeWindow anid);
extern GdkPixmap *gdk_pixmap_foreign_new_for_display(GdkDisplay *
display,
                                                        GdkNativeWin
dow anid);
extern GType gdk_pixmap_get_type(void);
extern GdkPixmap *gdk_pixmap_lookup(GdkNativeWindow anid);
extern   GdkPixmap   *gdk_pixmap_lookup_for_display(GdkDisplay   *
display,
                                                       GdkNativeWindow
anid);
extern  GdkPixmap  *gdk_pixmap_new(GdkDrawable  *  drawable,  gint
width,
                                   gint height, gint depth);
extern GdkGrabStatus gdk_pointer_grab(GdkWindow * window,
                                      gboolean owner_events,
                                      GdkEventMask event_mask,
                                      GdkWindow * confine_to,
                                       GdkCursor * cursor, guint32
time_);
extern gboolean gdk_pointer_is_grabbed(void);
extern void gdk_pointer_ungrab(guint32 time_);
extern GType gdk_prop_mode_get_type(void);
extern  void  gdk_property_change(GdkWindow  *  window,  GdkAtom
property,
                                  GdkAtom type, gint format,
                                   GdkPropMode mode, const guchar *
data,
                                  gint nelements);
extern  void  gdk_property_delete(GdkWindow  *  window,  GdkAtom
property);
extern  gboolean  gdk_property_get(GdkWindow  *  window,  GdkAtom
property,
                                   GdkAtom type, gulong offset,
                                   gulong length, gint pdelete,
                                   GdkAtom * actual_property_type,
                                   gint * actual_format,
                                      gint * actual_length, guchar *
*data);
extern GType gdk_property_state_get_type(void);
extern void gdk_query_depths(gint * *depths, gint * count);
extern void gdk_query_visual_types(GdkVisualType * *visual_types,
                                   gint * count);
```

```
extern GType gdk_rectangle_get_type(void);
extern gboolean gdk_rectangle_intersect(GdkRectangle * src1,
                                        GdkRectangle * src2,
                                        GdkRectangle * dest);
extern void gdk_rectangle_union(GdkRectangle * src1, GdkRectangle
* src2,
                                GdkRectangle * dest);
extern GdkRegion *gdk_region_copy(GdkRegion * region);
extern void gdk_region_destroy(GdkRegion * region);
extern gboolean gdk_region_empty(GdkRegion * region);
extern gboolean gdk_region_equal(GdkRegion * region1, GdkRegion *
region2);
extern void gdk_region_get_clipbox(GdkRegion * region,
                                   GdkRectangle * rectangle);
extern void gdk_region_get_rectangles(GdkRegion * region,
                                      GdkRectangle * *rectangles,
                                      gint * n_rectangles);
extern void gdk_region_intersect(GdkRegion * source1, GdkRegion *
source2);
extern GdkRegion *gdk_region_new(void);
extern void gdk_region_offset(GdkRegion * region, gint dx, gint
dy);
extern gboolean gdk_region_point_in(GdkRegion * region, int x,
int y);
extern GdkRegion *gdk_region_polygon(GdkPoint * points, gint
npoints,
                                     GdkFillRule fill_rule);
extern GdkOverlapType gdk_region_rect_in(GdkRegion * region,
                                                    GdkRectangle *
rectangle);
extern GdkRegion *gdk_region_rectangle(GdkRectangle * rectangle);
extern void gdk_region_shrink(GdkRegion * region, int dx, int
dy);
extern void gdk_region_spans_intersect_foreach(GdkRegion *
region,
                                               GdkSpan * spans,
                                               int n_spans,
                                               gboolean sorted,
                                                       GdkSpanFunc
function,
                                               gpointer data);
extern void gdk_region_subtract(GdkRegion * source1, GdkRegion *
source2);
extern void gdk_region_union(GdkRegion * source1, GdkRegion *
source2);
extern void gdk_region_union_with_rect(GdkRegion * region,
                                       GdkRectangle * rect);
extern void gdk_region_xor(GdkRegion * source1, GdkRegion *
source2);
extern void gdk_rgb_cmap_free(GdkRgbCmap * cmap);
extern GdkRgbCmap *gdk_rgb_cmap_new(guint32 * colors, gint
n_colors);
extern gboolean gdk_rgb_colormap_ditherable(GdkColormap * cmap);
extern GType gdk_rgb_dither_get_type(void);
extern gboolean gdk_rgb_ditherable(void);
extern void gdk_rgb_find_color(GdkColormap * colormap, GdkColor *
color);
extern GdkColormap *gdk_rgb_get_colormap(void);
extern GdkVisual *gdk_rgb_get_visual(void);
extern void gdk_rgb_set_install(gboolean install);
extern void gdk_rgb_set_min_colors(gint min_colors);
extern void gdk_rgb_set_verbose(gboolean verbose);
extern void gdk_screen_broadcast_client_message(GdkScreen *
screen,
                                                GdkEvent *
event);
```

 © 2008 Linux Foundation

```
extern GdkScreen *gdk_screen_get_default(void);
extern  GdkColormap  *gdk_screen_get_default_colormap(GdkScreen  *
screen);
extern GdkDisplay *gdk_screen_get_display(GdkScreen * screen);
extern gint gdk_screen_get_height(GdkScreen * screen);
extern gint gdk_screen_get_height_mm(GdkScreen * screen);
extern  gint  gdk_screen_get_monitor_at_point(GdkScreen  *  screen,
gint x,
                                              gint y);
extern gint gdk_screen_get_monitor_at_window(GdkScreen * screen,
                                               GdkWindow * window);
extern void gdk_screen_get_monitor_geometry(GdkScreen * screen,
                                              gint monitor_num,
                                              GdkRectangle * dest);
extern gint gdk_screen_get_n_monitors(GdkScreen * screen);
extern gint gdk_screen_get_number(GdkScreen * screen);
extern   GdkColormap   *gdk_screen_get_rgb_colormap(GdkScreen   *
screen);
extern GdkVisual *gdk_screen_get_rgb_visual(GdkScreen * screen);
extern   GdkColormap   *gdk_screen_get_rgba_colormap(GdkScreen   *
screen);
extern GdkVisual *gdk_screen_get_rgba_visual(GdkScreen * screen);
extern GdkWindow *gdk_screen_get_root_window(GdkScreen * screen);
extern gboolean gdk_screen_get_setting(GdkScreen * screen,
                                       const gchar * name, GValue
* value);
extern  GdkColormap  *gdk_screen_get_system_colormap(GdkScreen  *
screen);
extern   GdkVisual   *gdk_screen_get_system_visual(GdkScreen   *
screen);
extern    GList    *gdk_screen_get_toplevel_windows(GdkScreen    *
screen);
extern GType gdk_screen_get_type(void);
extern gint gdk_screen_get_width(GdkScreen * screen);
extern gint gdk_screen_get_width_mm(GdkScreen * screen);
extern gint gdk_screen_height(void);
extern gint gdk_screen_height_mm(void);
extern GList *gdk_screen_list_visuals(GdkScreen * screen);
extern gchar *gdk_screen_make_display_name(GdkScreen * screen);
extern void gdk_screen_set_default_colormap(GdkScreen * screen,
                                                    GdkColormap *
colormap);
extern gint gdk_screen_width(void);
extern gint gdk_screen_width_mm(void);
extern GType gdk_scroll_direction_get_type(void);
extern void gdk_selection_convert(GdkWindow * requestor, GdkAtom
selection,
                                  GdkAtom target, guint32 time_);
extern GdkWindow *gdk_selection_owner_get(GdkAtom selection);
extern  GdkWindow  *gdk_selection_owner_get_for_display(GdkDisplay
* display,
                                                        GdkAtom
selection);
extern gboolean gdk_selection_owner_set(GdkWindow * owner,
                                          GdkAtom selection,
guint32 time_,
                                        gboolean send_event);
extern  gboolean  gdk_selection_owner_set_for_display(GdkDisplay  *
display,
                                                      GdkWindow *
owner,
                                                           GdkAtom
selection,
                                                           guint32
time_,
                                                          gboolean
```

```
send_event);
extern gboolean gdk_selection_property_get(GdkWindow * requestor,
                                           guchar * *data,
                                           GdkAtom * prop_type,
                                           gint * prop_format);
extern void gdk_selection_send_notify(guint32 requestor, GdkAtom
selection,
                                      GdkAtom target, GdkAtom
property,
                                      guint32 time_);
extern void gdk_selection_send_notify_for_display(GdkDisplay *
display,
                                                  guint32
requestor,
                                                  GdkAtom
selection,
                                                  GdkAtom target,
                                                  GdkAtom
property,
                                                  guint32 time_);
extern void gdk_set_double_click_time(guint msec);
extern gchar *gdk_set_locale(void);
extern        GdkPointerHooks        *gdk_set_pointer_hooks(const
GdkPointerHooks *
                                                 new_hooks);
extern void gdk_set_program_class(const char *program_class);
extern void gdk_set_show_events(gboolean show_events);
extern void gdk_set_sm_client_id(const gchar * sm_client_id);
extern GType gdk_setting_action_get_type(void);
extern gboolean gdk_setting_get(const gchar * name, GValue *
value);
extern gboolean gdk_spawn_command_line_on_screen(GdkScreen *
screen,
                                                 const gchar *
                                                 command_line,
                                                         GError *
*error);
extern gboolean gdk_spawn_on_screen(GdkScreen * screen,
                                                    const gchar *
working_directory,
                                    gchar * *argv, gchar * *envp,
                                    GSpawnFlags flags,
                                              GSpawnChildSetupFunc
child_setup,
                                       gpointer user_data, gint *
child_pid,
                                    GError * *error);
extern gboolean gdk_spawn_on_screen_with_pipes(GdkScreen *
screen,
                                               const gchar *
                                               working_directory,
                                               gchar * *argv,
                                               gchar * *envp,
                                               GSpawnFlags flags,
                                                GSpawnChildSetupFu
nc
                                               child_setup,
                                                         gpointer
user_data,
                                               gint * child_pid,
                                                          gint *
standard_input,
                                                          gint *
standard_output,
                                                          gint *
standard_error,
```

 © 2008 Linux Foundation

```
                                                    GError * *error);
extern GType gdk_status_get_type(void);
extern gint gdk_string_to_compound_text(const gchar * str,
                                        GdkAtom * encoding, gint
* format,
                                         guchar * *ctext, gint *
length);
extern gint gdk_string_to_compound_text_for_display(GdkDisplay *
display,
                                                    const gchar *
str,
                                                        GdkAtom *
encoding,
                                                           gint *
format,
                                                         guchar *
*ctext,
                                                           gint *
length);
extern GType gdk_subwindow_mode_get_type(void);
extern gint gdk_text_property_to_text_list(GdkAtom encoding, gint
format,
                                           const guchar * text,
                                             gint length, gchar *
**list);
extern gint gdk_text_property_to_text_list_for_display(GdkDisplay
*
                                                       display,
                                                          GdkAtom
encoding,
                                                             gint
format,
                                                            const
guchar * text,
                                                             gint
length,
                                                           gchar *
**list);
extern gint gdk_text_property_to_utf8_list(GdkAtom encoding, gint
format,
                                           const guchar * text,
                                             gint length, gchar *
**list);
extern gint gdk_text_property_to_utf8_list_for_display(GdkDisplay
*
                                                       display,
                                                          GdkAtom
encoding,
                                                             gint
format,
                                                            const
guchar * text,
                                                             gint
length,
                                                           gchar *
**list);
extern void gdk_threads_enter(void);
extern void gdk_threads_init(void);
extern void gdk_threads_leave(void);
extern GCallback gdk_threads_lock;
extern void gdk_threads_set_lock_functions(GCallback enter_fn,
                                           GCallback leave_fn);
extern GCallback gdk_threads_unlock;
extern guint gdk_unicode_to_keyval(guint32 wc);
extern gboolean gdk_utf8_to_compound_text(const gchar * str,
                                          GdkAtom * encoding,
```

```
                                                gint * format, guchar *
*ctext,
                                               gint * length);
extern  gboolean  gdk_utf8_to_compound_text_for_display(GdkDisplay
* display,
                                                                const gchar
* str,
                                                                  GdkAtom *
encoding,
                                                                     gint *
format,
                                                                   guchar *
*ctext,
                                                                     gint *
length);
extern gchar *gdk_utf8_to_string_target(const gchar * str);
extern GType gdk_visibility_state_get_type(void);
extern GdkVisual *gdk_visual_get_best(void);
extern gint gdk_visual_get_best_depth(void);
extern GdkVisualType gdk_visual_get_best_type(void);
extern GdkVisual *gdk_visual_get_best_with_both(gint depth,
                                                              GdkVisualType
visual_type);
extern GdkVisual *gdk_visual_get_best_with_depth(gint depth);
extern   GdkVisual   *gdk_visual_get_best_with_type(GdkVisualType
visual_type);
extern GdkScreen *gdk_visual_get_screen(GdkVisual * visual);
extern GdkVisual *gdk_visual_get_system(void);
extern GType gdk_visual_get_type(void);
extern GType gdk_visual_type_get_type(void);
extern void gdk_window_add_filter(GdkWindow * window,
                                                GdkFilterFunc function,
gpointer data);
extern  GdkWindow  *gdk_window_at_pointer(gint  *  win_x,  gint  *
win_y);
extern GType gdk_window_attributes_type_get_type(void);
extern  void  gdk_window_begin_move_drag(GdkWindow  *  window,  gint
button,
                                           gint root_x, gint root_y,
                                           guint32 timestamp);
extern void gdk_window_begin_paint_rect(GdkWindow * window,
                                                             GdkRectangle *
rectangle);
extern void gdk_window_begin_paint_region(GdkWindow * window,
                                                GdkRegion * region);
extern void gdk_window_begin_resize_drag(GdkWindow * window,
                                                GdkWindowEdge edge, gint
button,
                                                       gint root_x, gint
root_y,
                                               guint32 timestamp);
extern GType gdk_window_class_get_type(void);
extern void gdk_window_clear(GdkWindow * window);
extern  void  gdk_window_clear_area(GdkWindow  *  window,  gint  x,
gint y,
                                     gint width, gint height);
extern  void  gdk_window_clear_area_e(GdkWindow  *  window,  gint  x,
gint y,
                                       gint width, gint height);
extern void gdk_window_configure_finished(GdkWindow * window);
extern  void  gdk_window_constrain_size(GdkGeometry  *  geometry,
guint flags,
                                        gint width, gint height,
                                           gint * new_width, gint *
new_height);
extern void gdk_window_deiconify(GdkWindow * window);
```

 © 2008 Linux Foundation

```
extern void gdk_window_destroy(GdkWindow * window);
extern GType gdk_window_edge_get_type(void);
extern void gdk_window_enable_synchronized_configure(GdkWindow *
window);
extern void gdk_window_end_paint(GdkWindow * window);
extern void gdk_window_focus(GdkWindow * window, guint32
timestamp);
extern GdkWindow *gdk_window_foreign_new(GdkNativeWindow anid);
extern GdkWindow *gdk_window_foreign_new_for_display(GdkDisplay *
display,
                                                     GdkNativeWin
dow anid);
extern void gdk_window_freeze_updates(GdkWindow * window);
extern void gdk_window_fullscreen(GdkWindow * window);
extern GList *gdk_window_get_children(GdkWindow * window);
extern gboolean gdk_window_get_decorations(GdkWindow * window,
                                           GdkWMDecoration *
decorations);
extern GdkEventMask gdk_window_get_events(GdkWindow * window);
extern void gdk_window_get_frame_extents(GdkWindow * window,
                                         GdkRectangle * rect);
extern void gdk_window_get_geometry(GdkWindow * window, gint * x,
gint * y,
                                    gint * width, gint * height,
                                    gint * depth);
extern GdkWindow *gdk_window_get_group(GdkWindow * window);
extern void gdk_window_get_internal_paint_info(GdkWindow *
window,
                                               GdkDrawable *
                                               *real_drawable,
                                               gint * x_offset,
                                               gint * y_offset);
extern gint gdk_window_get_origin(GdkWindow * window, gint * x,
gint * y);
extern GdkWindow *gdk_window_get_parent(GdkWindow * window);
extern GdkWindow *gdk_window_get_pointer(GdkWindow * window, gint
* x,
                                                       gint * y,
GdkModifierType * mask);
extern void gdk_window_get_position(GdkWindow * window, gint * x,
                                    gint * y);
extern void gdk_window_get_root_origin(GdkWindow * window, gint *
x,
                                       gint * y);
extern GdkWindowState gdk_window_get_state(GdkWindow * window);
extern GdkWindow *gdk_window_get_toplevel(GdkWindow * window);
extern GList *gdk_window_get_toplevels(void);
extern GdkRegion *gdk_window_get_update_area(GdkWindow * window);
extern void gdk_window_get_user_data(GdkWindow * window, gpointer
* data);
extern GdkWindowType gdk_window_get_window_type(GdkWindow *
window);
extern void gdk_window_hide(GdkWindow * window);
extern GType gdk_window_hints_get_type(void);
extern void gdk_window_iconify(GdkWindow * window);
extern void gdk_window_invalidate_maybe_recurse(GdkWindow *
window,
                                                GdkRegion *
region,
                                               gboolean(*child_f
unc)
                                                   (GdkWindow *,
gpointer),
                                                        gpointer
user_data);
extern void gdk_window_invalidate_rect(GdkWindow * window,
```

```
                                        GdkRectangle * rect,
                                                        gboolean
invalidate_children);
extern void gdk_window_invalidate_region(GdkWindow * window,
                                         GdkRegion * region,
                                                        gboolean
invalidate_children);
extern gboolean gdk_window_is_viewable(GdkWindow * window);
extern gboolean gdk_window_is_visible(GdkWindow * window);
extern GdkWindow *gdk_window_lookup(GdkNativeWindow anid);
extern   GdkWindow   *gdk_window_lookup_for_display(GdkDisplay   *
display,
                                                    GdkNativeWindow
anid);
extern void gdk_window_lower(GdkWindow * window);
extern void gdk_window_maximize(GdkWindow * window);
extern void gdk_window_merge_child_shapes(GdkWindow * window);
extern void gdk_window_move(GdkWindow * window, gint x, gint y);
extern void gdk_window_move_region(GdkWindow * window, GdkRegion
* region,
                                   gint dx, gint dy);
extern void gdk_window_move_resize(GdkWindow * window, gint x,
gint y,
                                   gint width, gint height);
extern GdkWindow *gdk_window_new(GdkWindow * parent,
                                 GdkWindowAttr * attributes,
                                 gint attributes_mask);
extern GType gdk_window_object_get_type(void);
extern GList *gdk_window_peek_children(GdkWindow * window);
extern void gdk_window_process_all_updates(void);
extern void gdk_window_process_updates(GdkWindow * window,
                                       gboolean update_children);
extern void gdk_window_raise(GdkWindow * window);
extern void gdk_window_register_dnd(GdkWindow * window);
extern void gdk_window_remove_filter(GdkWindow * window,
                                     GdkFilterFunc function,
                                     gpointer data);
extern void gdk_window_reparent(GdkWindow * window, GdkWindow *
new_parent,
                                gint x, gint y);
extern void gdk_window_resize(GdkWindow * window, gint width,
gint height);
extern void gdk_window_scroll(GdkWindow * window, gint dx, gint
dy);
extern void gdk_window_set_accept_focus(GdkWindow * window,
                                        gboolean accept_focus);
extern void gdk_window_set_back_pixmap(GdkWindow * window,
                                       GdkPixmap * pixmap,
                                       gboolean parent_relative);
extern void gdk_window_set_background(GdkWindow * window,
                                      const GdkColor * color);
extern void gdk_window_set_child_shapes(GdkWindow * window);
extern void gdk_window_set_cursor(GdkWindow * window, GdkCursor *
cursor);
extern void gdk_window_set_debug_updates(gboolean setting);
extern void gdk_window_set_decorations(GdkWindow * window,
                                                    GdkWMDecoration
decorations);
extern void gdk_window_set_events(GdkWindow * window,
                                  GdkEventMask event_mask);
extern void gdk_window_set_focus_on_map(GdkWindow * window,
                                        gboolean focus_on_map);
extern void gdk_window_set_functions(GdkWindow * window,
                                     GdkWMFunction functions);
extern void gdk_window_set_geometry_hints(GdkWindow * window,
                                          GdkGeometry * geometry,
```

 © 2008 Linux Foundation

```
                                                        GdkWindowHints
geom_mask);
extern void gdk_window_set_group(GdkWindow * window, GdkWindow *
leader);
extern void gdk_window_set_icon(GdkWindow * window,
                                GdkWindow * icon_window,
                                  GdkPixmap * pixmap, GdkBitmap *
mask);
extern void gdk_window_set_icon_list(GdkWindow * window, GList *
pixbufs);
extern void gdk_window_set_icon_name(GdkWindow * window,
                                     const gchar * name);
extern void gdk_window_set_keep_above(GdkWindow * window,
                                      gboolean setting);
extern void gdk_window_set_keep_below(GdkWindow * window,
                                      gboolean setting);
extern   void   gdk_window_set_modal_hint(GdkWindow   *   window,
gboolean modal);
extern void gdk_window_set_override_redirect(GdkWindow * window,
                                                         gboolean
override_redirect);
extern void gdk_window_set_role(GdkWindow * window, const gchar *
role);
extern void gdk_window_set_skip_pager_hint(GdkWindow * window,
                                           gboolean skips_pager);
extern void gdk_window_set_skip_taskbar_hint(GdkWindow * window,
                                                         gboolean
skips_taskbar);
extern   gboolean   gdk_window_set_static_gravities(GdkWindow   *
window,
                                                         gboolean
use_static);
extern void gdk_window_set_title(GdkWindow * window, const gchar
* title);
extern void gdk_window_set_transient_for(GdkWindow * window,
                                         GdkWindow * parent);
extern void gdk_window_set_type_hint(GdkWindow * window,
                                     GdkWindowTypeHint hint);
extern void gdk_window_set_urgency_hint(GdkWindow * window,
                                        gboolean urgent);
extern void gdk_window_set_user_data(GdkWindow * window,
                                     gpointer user_data);
extern void gdk_window_shape_combine_mask(GdkWindow * window,
                                          GdkBitmap * mask, gint
x,
                                        gint y);
extern void gdk_window_shape_combine_region(GdkWindow * window,
                                                       GdkRegion *
shape_region,
                                              gint offset_x, gint
offset_y);
extern void gdk_window_show(GdkWindow * window);
extern void gdk_window_show_unraised(GdkWindow * window);
extern GType gdk_window_state_get_type(void);
extern void gdk_window_stick(GdkWindow * window);
extern void gdk_window_thaw_updates(GdkWindow * window);
extern GType gdk_window_type_get_type(void);
extern GType gdk_window_type_hint_get_type(void);
extern void gdk_window_unfullscreen(GdkWindow * window);
extern void gdk_window_unmaximize(GdkWindow * window);
extern void gdk_window_unstick(GdkWindow * window);
extern void gdk_window_withdraw(GdkWindow * window);
extern GType gdk_wm_decoration_get_type(void);
extern GType gdk_wm_function_get_type(void);
```

16.26.2 gtk-2.0/gdk/gdkcairo.h

```
extern cairo_t *gdk_cairo_create(GdkDrawable * drawable);
extern void gdk_cairo_rectangle(cairo_t * cr, GdkRectangle *
rectangle);
extern void gdk_cairo_region(cairo_t * cr, GdkRegion * region);
extern void gdk_cairo_set_source_color(cairo_t * cr, GdkColor *
color);
extern void gdk_cairo_set_source_pixbuf(cairo_t * cr, GdkPixbuf *
pixbuf,
                                        double pixbuf_x, double
pixbuf_y);
```

16.26.3 gtk-2.0/gdk/gdkkeysyms.h

```
#define GDK_space       0x020
#define GDK_exclam      0x021
#define GDK_quotedbl    0x022
#define GDK_numbersign  0x023
#define GDK_dollar      0x024
#define GDK_percent     0x025
#define GDK_ampersand   0x026
#define GDK_apostrophe  0x027
#define GDK_quoteright  0x027
#define GDK_parenleft   0x028
#define GDK_parenright  0x029
#define GDK_asterisk    0x02a
#define GDK_plus        0x02b
#define GDK_comma       0x02c
#define GDK_minus       0x02d
#define GDK_period      0x02e
#define GDK_slash       0x02f
#define GDK_0   0x030
#define GDK_1   0x031
#define GDK_2   0x032
#define GDK_3   0x033
#define GDK_4   0x034
#define GDK_5   0x035
#define GDK_6   0x036
#define GDK_7   0x037
#define GDK_8   0x038
#define GDK_9   0x039
#define GDK_colon       0x03a
#define GDK_semicolon   0x03b
#define GDK_less        0x03c
#define GDK_equal       0x03d
#define GDK_greater     0x03e
#define GDK_question    0x03f
#define GDK_at  0x040
#define GDK_A   0x041
#define GDK_B   0x042
#define GDK_C   0x043
#define GDK_D   0x044
#define GDK_E   0x045
#define GDK_F   0x046
#define GDK_G   0x047
#define GDK_H   0x048
#define GDK_I   0x049
#define GDK_J   0x04a
#define GDK_K   0x04b
#define GDK_L   0x04c
#define GDK_M   0x04d
#define GDK_N   0x04e
```

 © 2008 Linux Foundation

```
#define GDK_O   0x04f
#define GDK_P   0x050
#define GDK_Q   0x051
#define GDK_R   0x052
#define GDK_S   0x053
#define GDK_T   0x054
#define GDK_U   0x055
#define GDK_V   0x056
#define GDK_W   0x057
#define GDK_X   0x058
#define GDK_Y   0x059
#define GDK_Z   0x05a
#define GDK_bracketleft 0x05b
#define GDK_backslash   0x05c
#define GDK_bracketright        0x05d
#define GDK_asciicircum 0x05e
#define GDK_underscore  0x05f
#define GDK_grave       0x060
#define GDK_quoteleft   0x060
#define GDK_a   0x061
#define GDK_b   0x062
#define GDK_c   0x063
#define GDK_d   0x064
#define GDK_e   0x065
#define GDK_f   0x066
#define GDK_g   0x067
#define GDK_h   0x068
#define GDK_i   0x069
#define GDK_j   0x06a
#define GDK_k   0x06b
#define GDK_l   0x06c
#define GDK_m   0x06d
#define GDK_n   0x06e
#define GDK_o   0x06f
#define GDK_p   0x070
#define GDK_q   0x071
#define GDK_r   0x072
#define GDK_s   0x073
#define GDK_t   0x074
#define GDK_u   0x075
#define GDK_v   0x076
#define GDK_w   0x077
#define GDK_x   0x078
#define GDK_y   0x079
#define GDK_z   0x07a
#define GDK_braceleft   0x07b
#define GDK_bar 0x07c
#define GDK_braceright  0x07d
#define GDK_asciitilde  0x07e
#define GDK_nobreakspace        0x0a0
#define GDK_exclamdown  0x0a1
#define GDK_cent        0x0a2
#define GDK_sterling    0x0a3
#define GDK_currency    0x0a4
#define GDK_yen 0x0a5
#define GDK_brokenbar   0x0a6
#define GDK_section     0x0a7
#define GDK_diaeresis   0x0a8
#define GDK_copyright   0x0a9
#define GDK_ordfeminine 0x0aa
#define GDK_guillemotleft       0x0ab
#define GDK_notsign     0x0ac
#define GDK_hyphen      0x0ad
#define GDK_registered  0x0ae
#define GDK_macron      0x0af
#define GDK_degree      0x0b0
```

```
#define GDK_plusminus   0x0b1
#define GDK_twosuperior 0x0b2
#define GDK_threesuperior       0x0b3
#define GDK_acute       0x0b4
#define GDK_mu  0x0b5
#define GDK_paragraph   0x0b6
#define GDK_periodcentered      0x0b7
#define GDK_cedilla     0x0b8
#define GDK_onesuperior 0x0b9
#define GDK_masculine   0x0ba
#define GDK_guillemotright      0x0bb
#define GDK_onequarter  0x0bc
#define GDK_onehalf     0x0bd
#define GDK_threequarters       0x0be
#define GDK_questiondown        0x0bf
#define GDK_Agrave      0x0c0
#define GDK_Aacute      0x0c1
#define GDK_Acircumflex 0x0c2
#define GDK_Atilde      0x0c3
#define GDK_Adiaeresis  0x0c4
#define GDK_Aring       0x0c5
#define GDK_AE  0x0c6
#define GDK_Ccedilla    0x0c7
#define GDK_Egrave      0x0c8
#define GDK_Eacute      0x0c9
#define GDK_Ecircumflex 0x0ca
#define GDK_Ediaeresis  0x0cb
#define GDK_Igrave      0x0cc
#define GDK_Iacute      0x0cd
#define GDK_Icircumflex 0x0ce
#define GDK_Idiaeresis  0x0cf
#define GDK_ETH 0x0d0
#define GDK_Eth 0x0d0
#define GDK_Ntilde      0x0d1
#define GDK_Ograve      0x0d2
#define GDK_Oacute      0x0d3
#define GDK_Ocircumflex 0x0d4
#define GDK_Otilde      0x0d5
#define GDK_Odiaeresis  0x0d6
#define GDK_multiply    0x0d7
#define GDK_Ooblique    0x0d8
#define GDK_Ugrave      0x0d9
#define GDK_Uacute      0x0da
#define GDK_Ucircumflex 0x0db
#define GDK_Udiaeresis  0x0dc
#define GDK_Yacute      0x0dd
#define GDK_THORN       0x0de
#define GDK_Thorn       0x0de
#define GDK_ssharp      0x0df
#define GDK_agrave      0x0e0
#define GDK_aacute      0x0e1
#define GDK_acircumflex 0x0e2
#define GDK_atilde      0x0e3
#define GDK_adiaeresis  0x0e4
#define GDK_aring       0x0e5
#define GDK_ae  0x0e6
#define GDK_ccedilla    0x0e7
#define GDK_egrave      0x0e8
#define GDK_eacute      0x0e9
#define GDK_ecircumflex 0x0ea
#define GDK_ediaeresis  0x0eb
#define GDK_igrave      0x0ec
#define GDK_iacute      0x0ed
#define GDK_icircumflex 0x0ee
#define GDK_idiaeresis  0x0ef
#define GDK_eth 0x0f0
```

 © 2008 Linux Foundation

```
#define GDK_ntilde      0x0f1
#define GDK_ograve      0x0f2
#define GDK_oacute      0x0f3
#define GDK_ocircumflex 0x0f4
#define GDK_otilde      0x0f5
#define GDK_odiaeresis  0x0f6
#define GDK_division    0x0f7
#define GDK_oslash      0x0f8
#define GDK_ugrave      0x0f9
#define GDK_uacute      0x0fa
#define GDK_ucircumflex 0x0fb
#define GDK_udiaeresis  0x0fc
#define GDK_yacute      0x0fd
#define GDK_thorn       0x0fe
#define GDK_ydiaeresis  0x0ff
#define GDK_OE  0x13bc
#define GDK_oe  0x13bd
#define GDK_Ydiaeresis  0x13be
#define GDK_Aogonek     0x1a1
#define GDK_breve       0x1a2
#define GDK_Lstroke     0x1a3
#define GDK_Lcaron      0x1a5
#define GDK_Sacute      0x1a6
#define GDK_Scaron      0x1a9
#define GDK_Scedilla    0x1aa
#define GDK_Tcaron      0x1ab
#define GDK_Zacute      0x1ac
#define GDK_Zcaron      0x1ae
#define GDK_Zabovedot   0x1af
#define GDK_aogonek     0x1b1
#define GDK_ogonek      0x1b2
#define GDK_lstroke     0x1b3
#define GDK_lcaron      0x1b5
#define GDK_sacute      0x1b6
#define GDK_caron       0x1b7
#define GDK_scaron      0x1b9
#define GDK_scedilla    0x1ba
#define GDK_tcaron      0x1bb
#define GDK_zacute      0x1bc
#define GDK_doubleacute 0x1bd
#define GDK_zcaron      0x1be
#define GDK_zabovedot   0x1bf
#define GDK_Racute      0x1c0
#define GDK_Abreve      0x1c3
#define GDK_Lacute      0x1c5
#define GDK_Cacute      0x1c6
#define GDK_Ccaron      0x1c8
#define GDK_Eogonek     0x1ca
#define GDK_Ecaron      0x1cc
#define GDK_Dcaron      0x1cf
#define GDK_Dstroke     0x1d0
#define GDK_Nacute      0x1d1
#define GDK_Ncaron      0x1d2
#define GDK_Odoubleacute        0x1d5
#define GDK_Rcaron      0x1d8
#define GDK_Uring       0x1d9
#define GDK_Udoubleacute        0x1db
#define GDK_Tcedilla    0x1de
#define GDK_racute      0x1e0
#define GDK_abreve      0x1e3
#define GDK_lacute      0x1e5
#define GDK_cacute      0x1e6
#define GDK_ccaron      0x1e8
#define GDK_eogonek     0x1ea
#define GDK_ecaron      0x1ec
#define GDK_dcaron      0x1ef
```

```
#define GDK_dstroke     0x1f0
#define GDK_nacute      0x1f1
#define GDK_ncaron      0x1f2
#define GDK_odoubleacute        0x1f5
#define GDK_rcaron      0x1f8
#define GDK_uring       0x1f9
#define GDK_udoubleacute        0x1fb
#define GDK_tcedilla    0x1fe
#define GDK_abovedot    0x1ff
#define GDK_EcuSign     0x20a0
#define GDK_ColonSign   0x20a1
#define GDK_CruzeiroSign        0x20a2
#define GDK_FFrancSign  0x20a3
#define GDK_LiraSign    0x20a4
#define GDK_MillSign    0x20a5
#define GDK_NairaSign   0x20a6
#define GDK_PesetaSign  0x20a7
#define GDK_RupeeSign   0x20a8
#define GDK_WonSign     0x20a9
#define GDK_NewSheqelSign       0x20aa
#define GDK_DongSign    0x20ab
#define GDK_EuroSign    0x20ac
#define GDK_Hstroke     0x2a1
#define GDK_Hcircumflex 0x2a6
#define GDK_Iabovedot   0x2a9
#define GDK_Gbreve      0x2ab
#define GDK_Jcircumflex 0x2ac
#define GDK_hstroke     0x2b1
#define GDK_hcircumflex 0x2b6
#define GDK_idotless    0x2b9
#define GDK_gbreve      0x2bb
#define GDK_jcircumflex 0x2bc
#define GDK_Cabovedot   0x2c5
#define GDK_Ccircumflex 0x2c6
#define GDK_Gabovedot   0x2d5
#define GDK_Gcircumflex 0x2d8
#define GDK_Ubreve      0x2dd
#define GDK_Scircumflex 0x2de
#define GDK_cabovedot   0x2e5
#define GDK_ccircumflex 0x2e6
#define GDK_gabovedot   0x2f5
#define GDK_gcircumflex 0x2f8
#define GDK_ubreve      0x2fd
#define GDK_scircumflex 0x2fe
#define GDK_kappa       0x3a2
#define GDK_kra 0x3a2
#define GDK_Rcedilla    0x3a3
#define GDK_Itilde      0x3a5
#define GDK_Lcedilla    0x3a6
#define GDK_Emacron     0x3aa
#define GDK_Gcedilla    0x3ab
#define GDK_Tslash      0x3ac
#define GDK_rcedilla    0x3b3
#define GDK_itilde      0x3b5
#define GDK_lcedilla    0x3b6
#define GDK_emacron     0x3ba
#define GDK_gcedilla    0x3bb
#define GDK_tslash      0x3bc
#define GDK_ENG 0x3bd
#define GDK_eng 0x3bf
#define GDK_Amacron     0x3c0
#define GDK_Iogonek     0x3c7
#define GDK_Eabovedot   0x3cc
#define GDK_Imacron     0x3cf
#define GDK_Ncedilla    0x3d1
#define GDK_Omacron     0x3d2
```

 © 2008 Linux Foundation

```
#define GDK_Kcedilla    0x3d3
#define GDK_Uogonek     0x3d9
#define GDK_Utilde      0x3dd
#define GDK_Umacron     0x3de
#define GDK_amacron     0x3e0
#define GDK_iogonek     0x3e7
#define GDK_eabovedot   0x3ec
#define GDK_imacron     0x3ef
#define GDK_ncedilla    0x3f1
#define GDK_omacron     0x3f2
#define GDK_kcedilla    0x3f3
#define GDK_uogonek     0x3f9
#define GDK_utilde      0x3fd
#define GDK_umacron     0x3fe
#define GDK_overline    0x47e
#define GDK_kana_fullstop       0x4a1
#define GDK_kana_openingbracket 0x4a2
#define GDK_kana_closingbracket 0x4a3
#define GDK_kana_comma  0x4a4
#define GDK_kana_conjunctive    0x4a5
#define GDK_kana_middledot      0x4a5
#define GDK_kana_WO     0x4a6
#define GDK_kana_a      0x4a7
#define GDK_kana_i      0x4a8
#define GDK_kana_u      0x4a9
#define GDK_kana_e      0x4aa
#define GDK_kana_o      0x4ab
#define GDK_kana_ya     0x4ac
#define GDK_kana_yu     0x4ad
#define GDK_kana_yo     0x4ae
#define GDK_kana_tsu    0x4af
#define GDK_kana_tu     0x4af
#define GDK_prolongedsound      0x4b0
#define GDK_kana_A      0x4b1
#define GDK_kana_I      0x4b2
#define GDK_kana_U      0x4b3
#define GDK_kana_E      0x4b4
#define GDK_kana_O      0x4b5
#define GDK_kana_KA     0x4b6
#define GDK_kana_KI     0x4b7
#define GDK_kana_KU     0x4b8
#define GDK_kana_KE     0x4b9
#define GDK_kana_KO     0x4ba
#define GDK_kana_SA     0x4bb
#define GDK_kana_SHI    0x4bc
#define GDK_kana_SU     0x4bd
#define GDK_kana_SE     0x4be
#define GDK_kana_SO     0x4bf
#define GDK_kana_TA     0x4c0
#define GDK_kana_CHI    0x4c1
#define GDK_kana_TI     0x4c1
#define GDK_kana_TSU    0x4c2
#define GDK_kana_TU     0x4c2
#define GDK_kana_TE     0x4c3
#define GDK_kana_TO     0x4c4
#define GDK_kana_NA     0x4c5
#define GDK_kana_NI     0x4c6
#define GDK_kana_NU     0x4c7
#define GDK_kana_NE     0x4c8
#define GDK_kana_NO     0x4c9
#define GDK_kana_HA     0x4ca
#define GDK_kana_HI     0x4cb
#define GDK_kana_FU     0x4cc
#define GDK_kana_HU     0x4cc
#define GDK_kana_HE     0x4cd
#define GDK_kana_HO     0x4ce
```

```
#define GDK_kana_MA     0x4cf
#define GDK_kana_MI     0x4d0
#define GDK_kana_MU     0x4d1
#define GDK_kana_ME     0x4d2
#define GDK_kana_MO     0x4d3
#define GDK_kana_YA     0x4d4
#define GDK_kana_YU     0x4d5
#define GDK_kana_YO     0x4d6
#define GDK_kana_RA     0x4d7
#define GDK_kana_RI     0x4d8
#define GDK_kana_RU     0x4d9
#define GDK_kana_RE     0x4da
#define GDK_kana_RO     0x4db
#define GDK_kana_WA     0x4dc
#define GDK_kana_N      0x4dd
#define GDK_voicedsound 0x4de
#define GDK_semivoicedsound     0x4df
#define GDK_Arabic_comma        0x5ac
#define GDK_Arabic_semicolon    0x5bb
#define GDK_Arabic_question_mark        0x5bf
#define GDK_Arabic_hamza        0x5c1
#define GDK_Arabic_maddaonalef  0x5c2
#define GDK_Arabic_hamzaonalef  0x5c3
#define GDK_Arabic_hamzaonwaw   0x5c4
#define GDK_Arabic_hamzaunderalef       0x5c5
#define GDK_Arabic_hamzaonyeh   0x5c6
#define GDK_Arabic_alef 0x5c7
#define GDK_Arabic_beh  0x5c8
#define GDK_Arabic_tehmarbuta   0x5c9
#define GDK_Arabic_teh  0x5ca
#define GDK_Arabic_theh 0x5cb
#define GDK_Arabic_jeem 0x5cc
#define GDK_Arabic_hah  0x5cd
#define GDK_Arabic_khah 0x5ce
#define GDK_Arabic_dal  0x5cf
#define GDK_Arabic_thal 0x5d0
#define GDK_Arabic_ra   0x5d1
#define GDK_Arabic_zain 0x5d2
#define GDK_Arabic_seen 0x5d3
#define GDK_Arabic_sheen        0x5d4
#define GDK_Arabic_sad  0x5d5
#define GDK_Arabic_dad  0x5d6
#define GDK_Arabic_tah  0x5d7
#define GDK_Arabic_zah  0x5d8
#define GDK_Arabic_ain  0x5d9
#define GDK_Arabic_ghain        0x5da
#define GDK_Arabic_tatweel      0x5e0
#define GDK_Arabic_feh  0x5e1
#define GDK_Arabic_qaf  0x5e2
#define GDK_Arabic_kaf  0x5e3
#define GDK_Arabic_lam  0x5e4
#define GDK_Arabic_meem 0x5e5
#define GDK_Arabic_noon 0x5e6
#define GDK_Arabic_ha   0x5e7
#define GDK_Arabic_heh  0x5e7
#define GDK_Arabic_waw  0x5e8
#define GDK_Arabic_alefmaksura  0x5e9
#define GDK_Arabic_yeh  0x5ea
#define GDK_Arabic_fathatan     0x5eb
#define GDK_Arabic_dammatan     0x5ec
#define GDK_Arabic_kasratan     0x5ed
#define GDK_Arabic_fatha        0x5ee
#define GDK_Arabic_damma        0x5ef
#define GDK_Arabic_kasra        0x5f0
#define GDK_Arabic_shadda       0x5f1
#define GDK_Arabic_sukun        0x5f2
```

 © 2008 Linux Foundation

```
#define GDK_Serbian_dje 0x6a1
#define GDK_Macedonia_gje       0x6a2
#define GDK_Cyrillic_io 0x6a3
#define GDK_Ukrainian_ie        0x6a4
#define GDK_Ukranian_je 0x6a4
#define GDK_Macedonia_dse       0x6a5
#define GDK_Ukrainian_i 0x6a6
#define GDK_Ukranian_i  0x6a6
#define GDK_Ukrainian_yi        0x6a7
#define GDK_Ukranian_yi 0x6a7
#define GDK_Cyrillic_je 0x6a8
#define GDK_Serbian_je  0x6a8
#define GDK_Cyrillic_lje        0x6a9
#define GDK_Serbian_lje 0x6a9
#define GDK_Cyrillic_nje        0x6aa
#define GDK_Serbian_nje 0x6aa
#define GDK_Serbian_tshe        0x6ab
#define GDK_Macedonia_kje       0x6ac
#define GDK_Ukrainian_ghe_with_upturn   0x6ad
#define GDK_Byelorussian_shortu 0x6ae
#define GDK_Cyrillic_dzhe       0x6af
#define GDK_Serbian_dze 0x6af
#define GDK_numerosign  0x6b0
#define GDK_Serbian_DJE 0x6b1
#define GDK_Macedonia_GJE       0x6b2
#define GDK_Cyrillic_IO 0x6b3
#define GDK_Ukrainian_IE        0x6b4
#define GDK_Ukranian_JE 0x6b4
#define GDK_Macedonia_DSE       0x6b5
#define GDK_Ukrainian_I 0x6b6
#define GDK_Ukranian_I  0x6b6
#define GDK_Ukrainian_YI        0x6b7
#define GDK_Ukranian_YI 0x6b7
#define GDK_Cyrillic_JE 0x6b8
#define GDK_Serbian_JE  0x6b8
#define GDK_Cyrillic_LJE        0x6b9
#define GDK_Serbian_LJE 0x6b9
#define GDK_Cyrillic_NJE        0x6ba
#define GDK_Serbian_NJE 0x6ba
#define GDK_Serbian_TSHE        0x6bb
#define GDK_Macedonia_KJE       0x6bc
#define GDK_Ukrainian_GHE_WITH_UPTURN   0x6bd
#define GDK_Byelorussian_SHORTU 0x6be
#define GDK_Cyrillic_DZHE       0x6bf
#define GDK_Serbian_DZE 0x6bf
#define GDK_Cyrillic_yu 0x6c0
#define GDK_Cyrillic_a  0x6c1
#define GDK_Cyrillic_be 0x6c2
#define GDK_Cyrillic_tse        0x6c3
#define GDK_Cyrillic_de 0x6c4
#define GDK_Cyrillic_ie 0x6c5
#define GDK_Cyrillic_ef 0x6c6
#define GDK_Cyrillic_ghe        0x6c7
#define GDK_Cyrillic_ha 0x6c8
#define GDK_Cyrillic_i  0x6c9
#define GDK_Cyrillic_shorti     0x6ca
#define GDK_Cyrillic_ka 0x6cb
#define GDK_Cyrillic_el 0x6cc
#define GDK_Cyrillic_em 0x6cd
#define GDK_Cyrillic_en 0x6ce
#define GDK_Cyrillic_o  0x6cf
#define GDK_Cyrillic_pe 0x6d0
#define GDK_Cyrillic_ya 0x6d1
#define GDK_Cyrillic_er 0x6d2
#define GDK_Cyrillic_es 0x6d3
#define GDK_Cyrillic_te 0x6d4
```

```
#define GDK_Cyrillic_u  0x6d5
#define GDK_Cyrillic_zhe        0x6d6
#define GDK_Cyrillic_ve 0x6d7
#define GDK_Cyrillic_softsign   0x6d8
#define GDK_Cyrillic_yeru       0x6d9
#define GDK_Cyrillic_ze 0x6da
#define GDK_Cyrillic_sha        0x6db
#define GDK_Cyrillic_e  0x6dc
#define GDK_Cyrillic_shcha      0x6dd
#define GDK_Cyrillic_che        0x6de
#define GDK_Cyrillic_hardsign   0x6df
#define GDK_Cyrillic_YU 0x6e0
#define GDK_Cyrillic_A  0x6e1
#define GDK_Cyrillic_BE 0x6e2
#define GDK_Cyrillic_TSE        0x6e3
#define GDK_Cyrillic_DE 0x6e4
#define GDK_Cyrillic_IE 0x6e5
#define GDK_Cyrillic_EF 0x6e6
#define GDK_Cyrillic_GHE        0x6e7
#define GDK_Cyrillic_HA 0x6e8
#define GDK_Cyrillic_I  0x6e9
#define GDK_Cyrillic_SHORTI     0x6ea
#define GDK_Cyrillic_KA 0x6eb
#define GDK_Cyrillic_EL 0x6ec
#define GDK_Cyrillic_EM 0x6ed
#define GDK_Cyrillic_EN 0x6ee
#define GDK_Cyrillic_O  0x6ef
#define GDK_Cyrillic_PE 0x6f0
#define GDK_Cyrillic_YA 0x6f1
#define GDK_Cyrillic_ER 0x6f2
#define GDK_Cyrillic_ES 0x6f3
#define GDK_Cyrillic_TE 0x6f4
#define GDK_Cyrillic_U  0x6f5
#define GDK_Cyrillic_ZHE        0x6f6
#define GDK_Cyrillic_VE 0x6f7
#define GDK_Cyrillic_SOFTSIGN   0x6f8
#define GDK_Cyrillic_YERU       0x6f9
#define GDK_Cyrillic_ZE 0x6fa
#define GDK_Cyrillic_SHA        0x6fb
#define GDK_Cyrillic_E  0x6fc
#define GDK_Cyrillic_SHCHA      0x6fd
#define GDK_Cyrillic_CHE        0x6fe
#define GDK_Cyrillic_HARDSIGN   0x6ff
#define GDK_Greek_ALPHAaccent   0x7a1
#define GDK_Greek_EPSILONaccent 0x7a2
#define GDK_Greek_ETAaccent     0x7a3
#define GDK_Greek_IOTAaccent    0x7a4
#define GDK_Greek_IOTAdieresis  0x7a5
#define GDK_Greek_OMICRONaccent 0x7a7
#define GDK_Greek_UPSILONaccent 0x7a8
#define GDK_Greek_UPSILONdieresis       0x7a9
#define GDK_Greek_OMEGAaccent   0x7ab
#define GDK_Greek_accentdieresis        0x7ae
#define GDK_Greek_horizbar      0x7af
#define GDK_Greek_alphaaccent   0x7b1
#define GDK_Greek_epsilonaccent 0x7b2
#define GDK_Greek_etaaccent     0x7b3
#define GDK_Greek_iotaaccent    0x7b4
#define GDK_Greek_iotadieresis  0x7b5
#define GDK_Greek_iotaaccentdieresis    0x7b6
#define GDK_Greek_omicronaccent 0x7b7
#define GDK_Greek_upsilonaccent 0x7b8
#define GDK_Greek_upsilondieresis       0x7b9
#define GDK_Greek_upsilonaccentdieresis 0x7ba
#define GDK_Greek_omegaaccent   0x7bb
#define GDK_Greek_ALPHA 0x7c1
```

 © 2008 Linux Foundation

```
#define GDK_Greek_BETA  0x7c2
#define GDK_Greek_GAMMA 0x7c3
#define GDK_Greek_DELTA 0x7c4
#define GDK_Greek_EPSILON       0x7c5
#define GDK_Greek_ZETA  0x7c6
#define GDK_Greek_ETA   0x7c7
#define GDK_Greek_THETA 0x7c8
#define GDK_Greek_IOTA  0x7c9
#define GDK_Greek_KAPPA 0x7ca
#define GDK_Greek_LAMBDA        0x7cb
#define GDK_Greek_LAMDA 0x7cb
#define GDK_Greek_MU    0x7cc
#define GDK_Greek_NU    0x7cd
#define GDK_Greek_XI    0x7ce
#define GDK_Greek_OMICRON       0x7cf
#define GDK_Greek_PI    0x7d0
#define GDK_Greek_RHO   0x7d1
#define GDK_Greek_SIGMA 0x7d2
#define GDK_Greek_TAU   0x7d4
#define GDK_Greek_UPSILON       0x7d5
#define GDK_Greek_PHI   0x7d6
#define GDK_Greek_CHI   0x7d7
#define GDK_Greek_PSI   0x7d8
#define GDK_Greek_OMEGA 0x7d9
#define GDK_Greek_alpha 0x7e1
#define GDK_Greek_beta  0x7e2
#define GDK_Greek_gamma 0x7e3
#define GDK_Greek_delta 0x7e4
#define GDK_Greek_epsilon       0x7e5
#define GDK_Greek_zeta  0x7e6
#define GDK_Greek_eta   0x7e7
#define GDK_Greek_theta 0x7e8
#define GDK_Greek_iota  0x7e9
#define GDK_Greek_kappa 0x7ea
#define GDK_Greek_lambda        0x7eb
#define GDK_Greek_lamda 0x7eb
#define GDK_Greek_mu    0x7ec
#define GDK_Greek_nu    0x7ed
#define GDK_Greek_xi    0x7ee
#define GDK_Greek_omicron       0x7ef
#define GDK_Greek_pi    0x7f0
#define GDK_Greek_rho   0x7f1
#define GDK_Greek_sigma 0x7f2
#define GDK_Greek_finalsmallsigma       0x7f3
#define GDK_Greek_tau   0x7f4
#define GDK_Greek_upsilon       0x7f5
#define GDK_Greek_phi   0x7f6
#define GDK_Greek_chi   0x7f7
#define GDK_Greek_psi   0x7f8
#define GDK_Greek_omega 0x7f9
#define GDK_leftradical 0x8a1
#define GDK_topleftradical      0x8a2
#define GDK_horizconnector      0x8a3
#define GDK_topintegral 0x8a4
#define GDK_botintegral 0x8a5
#define GDK_vertconnector       0x8a6
#define GDK_topleftsqbracket    0x8a7
#define GDK_botleftsqbracket    0x8a8
#define GDK_toprightsqbracket   0x8a9
#define GDK_botrightsqbracket   0x8aa
#define GDK_topleftparens       0x8ab
#define GDK_botleftparens       0x8ac
#define GDK_toprightparens      0x8ad
#define GDK_botrightparens      0x8ae
#define GDK_leftmiddlecurlybrace        0x8af
#define GDK_rightmiddlecurlybrace       0x8b0
```

```
#define GDK_topleftsummation    0x8b1
#define GDK_botleftsummation    0x8b2
#define GDK_topvertsummationconnector   0x8b3
#define GDK_botvertsummationconnector   0x8b4
#define GDK_toprightsummation   0x8b5
#define GDK_botrightsummation   0x8b6
#define GDK_rightmiddlesummation        0x8b7
#define GDK_lessthanequal       0x8bc
#define GDK_notequal    0x8bd
#define GDK_greaterthanequal    0x8be
#define GDK_integral    0x8bf
#define GDK_therefore   0x8c0
#define GDK_variation   0x8c1
#define GDK_infinity    0x8c2
#define GDK_nabla       0x8c5
#define GDK_approximate 0x8c8
#define GDK_similarequal        0x8c9
#define GDK_ifonlyif    0x8cd
#define GDK_implies     0x8ce
#define GDK_identical   0x8cf
#define GDK_radical     0x8d6
#define GDK_includedin  0x8da
#define GDK_includes    0x8db
#define GDK_intersection        0x8dc
#define GDK_union       0x8dd
#define GDK_logicaland  0x8de
#define GDK_logicalor   0x8df
#define GDK_partialderivative   0x8ef
#define GDK_function    0x8f6
#define GDK_leftarrow   0x8fb
#define GDK_uparrow     0x8fc
#define GDK_rightarrow  0x8fd
#define GDK_downarrow   0x8fe
#define GDK_blank       0x9df
#define GDK_soliddiamond        0x9e0
#define GDK_checkerboard        0x9e1
#define GDK_ht  0x9e2
#define GDK_ff  0x9e3
#define GDK_cr  0x9e4
#define GDK_lf  0x9e5
#define GDK_nl  0x9e8
#define GDK_vt  0x9e9
#define GDK_lowrightcorner      0x9ea
#define GDK_uprightcorner       0x9eb
#define GDK_upleftcorner        0x9ec
#define GDK_lowleftcorner       0x9ed
#define GDK_crossinglines       0x9ee
#define GDK_horizlinescan1      0x9ef
#define GDK_horizlinescan3      0x9f0
#define GDK_horizlinescan5      0x9f1
#define GDK_horizlinescan7      0x9f2
#define GDK_horizlinescan9      0x9f3
#define GDK_leftt       0x9f4
#define GDK_rightt      0x9f5
#define GDK_bott        0x9f6
#define GDK_topt        0x9f7
#define GDK_vertbar     0x9f8
#define GDK_emspace     0xaa1
#define GDK_enspace     0xaa2
#define GDK_em3space    0xaa3
#define GDK_em4space    0xaa4
#define GDK_digitspace  0xaa5
#define GDK_punctspace  0xaa6
#define GDK_thinspace   0xaa7
#define GDK_hairspace   0xaa8
#define GDK_emdash      0xaa9
```

 © 2008 Linux Foundation

```
#define GDK_endash      0xaaa
#define GDK_signifblank 0xaac
#define GDK_ellipsis    0xaae
#define GDK_doubbaselinedot     0xaaf
#define GDK_onethird    0xab0
#define GDK_twothirds   0xab1
#define GDK_onefifth    0xab2
#define GDK_twofifths   0xab3
#define GDK_threefifths 0xab4
#define GDK_fourfifths  0xab5
#define GDK_onesixth    0xab6
#define GDK_fivesixths  0xab7
#define GDK_careof      0xab8
#define GDK_figdash     0xabb
#define GDK_leftanglebracket    0xabc
#define GDK_decimalpoint        0xabd
#define GDK_rightanglebracket   0xabe
#define GDK_marker      0xabf
#define GDK_oneeighth   0xac3
#define GDK_threeeighths        0xac4
#define GDK_fiveeighths 0xac5
#define GDK_seveneighths        0xac6
#define GDK_trademark   0xac9
#define GDK_signaturemark       0xaca
#define GDK_trademarkincircle   0xacb
#define GDK_leftopentriangle    0xacc
#define GDK_rightopentriangle   0xacd
#define GDK_emopencircle        0xace
#define GDK_emopenrectangle     0xacf
#define GDK_leftsinglequotemark 0xad0
#define GDK_rightsinglequotemark        0xad1
#define GDK_leftdoublequotemark 0xad2
#define GDK_rightdoublequotemark        0xad3
#define GDK_prescription        0xad4
#define GDK_minutes     0xad6
#define GDK_seconds     0xad7
#define GDK_latincross  0xad9
#define GDK_hexagram    0xada
#define GDK_filledrectbullet    0xadb
#define GDK_filledlefttribullet 0xadc
#define GDK_filledrighttribullet        0xadd
#define GDK_emfilledcircle      0xade
#define GDK_emfilledrect        0xadf
#define GDK_enopencircbullet    0xae0
#define GDK_enopensquarebullet  0xae1
#define GDK_openrectbullet      0xae2
#define GDK_opentribulletup     0xae3
#define GDK_opentribulletdown   0xae4
#define GDK_openstar    0xae5
#define GDK_enfilledcircbullet  0xae6
#define GDK_enfilledsqbullet    0xae7
#define GDK_filledtribulletup   0xae8
#define GDK_filledtribulletdown 0xae9
#define GDK_leftpointer 0xaea
#define GDK_rightpointer        0xaeb
#define GDK_club        0xaec
#define GDK_diamond     0xaed
#define GDK_heart       0xaee
#define GDK_maltesecross        0xaf0
#define GDK_dagger      0xaf1
#define GDK_doubledagger        0xaf2
#define GDK_checkmark   0xaf3
#define GDK_ballotcross 0xaf4
#define GDK_musicalsharp        0xaf5
#define GDK_musicalflat 0xaf6
#define GDK_malesymbol  0xaf7
```

```
#define GDK_femalesymbol        0xaf8
#define GDK_telephone   0xaf9
#define GDK_telephonerecorder   0xafa
#define GDK_phonographcopyright 0xafb
#define GDK_caret       0xafc
#define GDK_singlelowquotemark  0xafd
#define GDK_doublelowquotemark  0xafe
#define GDK_cursor      0xaff
#define GDK_leftcaret   0xba3
#define GDK_rightcaret  0xba6
#define GDK_downcaret   0xba8
#define GDK_upcaret     0xba9
#define GDK_overbar     0xbc0
#define GDK_downtack    0xbc2
#define GDK_upshoe      0xbc3
#define GDK_downstile   0xbc4
#define GDK_underbar    0xbc6
#define GDK_jot 0xbca
#define GDK_quad        0xbcc
#define GDK_uptack      0xbce
#define GDK_circle      0xbcf
#define GDK_upstile     0xbd3
#define GDK_downshoe    0xbd6
#define GDK_rightshoe   0xbd8
#define GDK_leftshoe    0xbda
#define GDK_lefttack    0xbdc
#define GDK_righttack   0xbfc
#define GDK_hebrew_doublelowline        0xcdf
#define GDK_hebrew_aleph        0xce0
#define GDK_hebrew_bet  0xce1
#define GDK_hebrew_beth 0xce1
#define GDK_hebrew_gimel        0xce2
#define GDK_hebrew_gimmel       0xce2
#define GDK_hebrew_dalet        0xce3
#define GDK_hebrew_daleth       0xce3
#define GDK_hebrew_he   0xce4
#define GDK_hebrew_waw  0xce5
#define GDK_hebrew_zain 0xce6
#define GDK_hebrew_zayin        0xce6
#define GDK_hebrew_chet 0xce7
#define GDK_hebrew_het  0xce7
#define GDK_hebrew_tet  0xce8
#define GDK_hebrew_teth 0xce8
#define GDK_hebrew_yod  0xce9
#define GDK_hebrew_finalkaph    0xcea
#define GDK_hebrew_kaph 0xceb
#define GDK_hebrew_lamed        0xcec
#define GDK_hebrew_finalmem     0xced
#define GDK_hebrew_mem  0xcee
#define GDK_hebrew_finalnun     0xcef
#define GDK_hebrew_nun  0xcf0
#define GDK_hebrew_samech       0xcf1
#define GDK_hebrew_samekh       0xcf1
#define GDK_hebrew_ayin 0xcf2
#define GDK_hebrew_finalpe      0xcf3
#define GDK_hebrew_pe   0xcf4
#define GDK_hebrew_finalzade    0xcf5
#define GDK_hebrew_finalzadi    0xcf5
#define GDK_hebrew_zade 0xcf6
#define GDK_hebrew_zadi 0xcf6
#define GDK_hebrew_kuf  0xcf7
#define GDK_hebrew_qoph 0xcf7
#define GDK_hebrew_resh 0xcf8
#define GDK_hebrew_shin 0xcf9
#define GDK_hebrew_taf  0xcfa
#define GDK_hebrew_taw  0xcfa
```

 © 2008 Linux Foundation

```
#define GDK_Thai_kokai  0xda1
#define GDK_Thai_khokhai        0xda2
#define GDK_Thai_khokhuat       0xda3
#define GDK_Thai_khokhwai       0xda4
#define GDK_Thai_khokhon        0xda5
#define GDK_Thai_khorakhang     0xda6
#define GDK_Thai_ngongu 0xda7
#define GDK_Thai_chochan        0xda8
#define GDK_Thai_choching       0xda9
#define GDK_Thai_chochang       0xdaa
#define GDK_Thai_soso   0xdab
#define GDK_Thai_chochoe        0xdac
#define GDK_Thai_yoying 0xdad
#define GDK_Thai_dochada        0xdae
#define GDK_Thai_topatak        0xdaf
#define GDK_Thai_thothan        0xdb0
#define GDK_Thai_thonangmontho  0xdb1
#define GDK_Thai_thophuthao     0xdb2
#define GDK_Thai_nonen  0xdb3
#define GDK_Thai_dodek  0xdb4
#define GDK_Thai_totao  0xdb5
#define GDK_Thai_thothung       0xdb6
#define GDK_Thai_thothahan      0xdb7
#define GDK_Thai_thothong       0xdb8
#define GDK_Thai_nonu   0xdb9
#define GDK_Thai_bobaimai       0xdba
#define GDK_Thai_popla  0xdbb
#define GDK_Thai_phophung       0xdbc
#define GDK_Thai_fofa   0xdbd
#define GDK_Thai_phophan        0xdbe
#define GDK_Thai_fofan  0xdbf
#define GDK_Thai_phosamphao     0xdc0
#define GDK_Thai_moma   0xdc1
#define GDK_Thai_yoyak  0xdc2
#define GDK_Thai_rorua  0xdc3
#define GDK_Thai_ru     0xdc4
#define GDK_Thai_loling 0xdc5
#define GDK_Thai_lu     0xdc6
#define GDK_Thai_wowaen 0xdc7
#define GDK_Thai_sosala 0xdc8
#define GDK_Thai_sorusi 0xdc9
#define GDK_Thai_sosua  0xdca
#define GDK_Thai_hohip  0xdcb
#define GDK_Thai_lochula        0xdcc
#define GDK_Thai_oang   0xdcd
#define GDK_Thai_honokhuk       0xdce
#define GDK_Thai_paiyannoi      0xdcf
#define GDK_Thai_saraa  0xdd0
#define GDK_Thai_maihanakat     0xdd1
#define GDK_Thai_saraaa 0xdd2
#define GDK_Thai_saraam 0xdd3
#define GDK_Thai_sarai  0xdd4
#define GDK_Thai_saraii 0xdd5
#define GDK_Thai_saraue 0xdd6
#define GDK_Thai_sarauee        0xdd7
#define GDK_Thai_sarau  0xdd8
#define GDK_Thai_sarauu 0xdd9
#define GDK_Thai_phinthu        0xdda
#define GDK_Thai_maihanakat_maitho      0xdde
#define GDK_Thai_baht   0xddf
#define GDK_Thai_sarae  0xde0
#define GDK_Thai_saraae 0xde1
#define GDK_Thai_sarao  0xde2
#define GDK_Thai_saraaimaimuan  0xde3
#define GDK_Thai_saraaimaimalai 0xde4
#define GDK_Thai_lakkhangyao    0xde5
```

```
#define GDK_Thai_maiyamok       0xde6
#define GDK_Thai_maitaikhu      0xde7
#define GDK_Thai_maiek  0xde8
#define GDK_Thai_maitho 0xde9
#define GDK_Thai_maitri 0xdea
#define GDK_Thai_maichattawa    0xdeb
#define GDK_Thai_thanthakhat    0xdec
#define GDK_Thai_nikhahit       0xded
#define GDK_Thai_leksun 0xdf0
#define GDK_Thai_leknung        0xdf1
#define GDK_Thai_leksong        0xdf2
#define GDK_Thai_leksam 0xdf3
#define GDK_Thai_leksi  0xdf4
#define GDK_Thai_lekha  0xdf5
#define GDK_Thai_lekhok 0xdf6
#define GDK_Thai_lekchet        0xdf7
#define GDK_Thai_lekpaet        0xdf8
#define GDK_Thai_lekkao 0xdf9
#define GDK_Hangul_Kiyeog       0xea1
#define GDK_Hangul_SsangKiyeog  0xea2
#define GDK_Hangul_KiyeogSios   0xea3
#define GDK_Hangul_Nieun        0xea4
#define GDK_Hangul_NieunJieuj   0xea5
#define GDK_Hangul_NieunHieuh   0xea6
#define GDK_Hangul_Dikeud       0xea7
#define GDK_Hangul_SsangDikeud  0xea8
#define GDK_Hangul_Rieul        0xea9
#define GDK_Hangul_RieulKiyeog  0xeaa
#define GDK_Hangul_RieulMieum   0xeab
#define GDK_Hangul_RieulPieub   0xeac
#define GDK_Hangul_RieulSios    0xead
#define GDK_Hangul_RieulTieut   0xeae
#define GDK_Hangul_RieulPhieuf  0xeaf
#define GDK_Hangul_RieulHieuh   0xeb0
#define GDK_Hangul_Mieum        0xeb1
#define GDK_Hangul_Pieub        0xeb2
#define GDK_Hangul_SsangPieub   0xeb3
#define GDK_Hangul_PieubSios    0xeb4
#define GDK_Hangul_Sios 0xeb5
#define GDK_Hangul_SsangSios    0xeb6
#define GDK_Hangul_Ieung        0xeb7
#define GDK_Hangul_Jieuj        0xeb8
#define GDK_Hangul_SsangJieuj   0xeb9
#define GDK_Hangul_Cieuc        0xeba
#define GDK_Hangul_Khieuq       0xebb
#define GDK_Hangul_Tieut        0xebc
#define GDK_Hangul_Phieuf       0xebd
#define GDK_Hangul_Hieuh        0xebe
#define GDK_Hangul_A    0xebf
#define GDK_Hangul_AE   0xec0
#define GDK_Hangul_YA   0xec1
#define GDK_Hangul_YAE  0xec2
#define GDK_Hangul_EO   0xec3
#define GDK_Hangul_E    0xec4
#define GDK_Hangul_YEO  0xec5
#define GDK_Hangul_YE   0xec6
#define GDK_Hangul_O    0xec7
#define GDK_Hangul_WA   0xec8
#define GDK_Hangul_WAE  0xec9
#define GDK_Hangul_OE   0xeca
#define GDK_Hangul_YO   0xecb
#define GDK_Hangul_U    0xecc
#define GDK_Hangul_WEO  0xecd
#define GDK_Hangul_WE   0xece
#define GDK_Hangul_WI   0xecf
#define GDK_Hangul_YU   0xed0
```

 © 2008 Linux Foundation

```
#define GDK_Hangul_EU   0xed1
#define GDK_Hangul_YI   0xed2
#define GDK_Hangul_I    0xed3
#define GDK_Hangul_J_Kiyeog     0xed4
#define GDK_Hangul_J_SsangKiyeog        0xed5
#define GDK_Hangul_J_KiyeogSios 0xed6
#define GDK_Hangul_J_Nieun      0xed7
#define GDK_Hangul_J_NieunJieuj 0xed8
#define GDK_Hangul_J_NieunHieuh 0xed9
#define GDK_Hangul_J_Dikeud     0xeda
#define GDK_Hangul_J_Rieul      0xedb
#define GDK_Hangul_J_RieulKiyeog        0xedc
#define GDK_Hangul_J_RieulMieum 0xedd
#define GDK_Hangul_J_RieulPieub 0xede
#define GDK_Hangul_J_RieulSios  0xedf
#define GDK_Hangul_J_RieulTieut 0xee0
#define GDK_Hangul_J_RieulPhieuf        0xee1
#define GDK_Hangul_J_RieulHieuh 0xee2
#define GDK_Hangul_J_Mieum      0xee3
#define GDK_Hangul_J_Pieub      0xee4
#define GDK_Hangul_J_PieubSios  0xee5
#define GDK_Hangul_J_Sios       0xee6
#define GDK_Hangul_J_SsangSios  0xee7
#define GDK_Hangul_J_Ieung      0xee8
#define GDK_Hangul_J_Jieuj      0xee9
#define GDK_Hangul_J_Cieuc      0xeea
#define GDK_Hangul_J_Khieuq     0xeeb
#define GDK_Hangul_J_Tieut      0xeec
#define GDK_Hangul_J_Phieuf     0xeed
#define GDK_Hangul_J_Hieuh      0xeee
#define GDK_Hangul_RieulYeorinHieuh     0xeef
#define GDK_Hangul_SunkyeongeumMieum    0xef0
#define GDK_Hangul_SunkyeongeumPieub    0xef1
#define GDK_Hangul_PanSios      0xef2
#define GDK_Hangul_KkogjiDalrinIeung    0xef3
#define GDK_Hangul_SunkyeongeumPhieuf   0xef4
#define GDK_Hangul_YeorinHieuh  0xef5
#define GDK_Hangul_AraeA        0xef6
#define GDK_Hangul_AraeAE       0xef7
#define GDK_Hangul_J_PanSios    0xef8
#define GDK_Hangul_J_KkogjiDalrinIeung  0xef9
#define GDK_Hangul_J_YeorinHieuh        0xefa
#define GDK_Korean_Won  0xeff
#define GDK_3270_Duplicate      0xFD01
#define GDK_3270_FieldMark      0xFD02
#define GDK_3270_Right2 0xFD03
#define GDK_3270_Left2  0xFD04
#define GDK_3270_BackTab        0xFD05
#define GDK_3270_EraseEOF       0xFD06
#define GDK_3270_EraseInput     0xFD07
#define GDK_3270_Reset  0xFD08
#define GDK_3270_Quit   0xFD09
#define GDK_3270_PA1    0xFD0A
#define GDK_3270_PA2    0xFD0B
#define GDK_3270_PA3    0xFD0C
#define GDK_3270_Test   0xFD0D
#define GDK_3270_Attn   0xFD0E
#define GDK_3270_CursorBlink    0xFD0F
#define GDK_3270_AltCursor      0xFD10
#define GDK_3270_KeyClick       0xFD11
#define GDK_3270_Jump   0xFD12
#define GDK_3270_Ident  0xFD13
#define GDK_3270_Rule   0xFD14
#define GDK_3270_Copy   0xFD15
#define GDK_3270_Play   0xFD16
#define GDK_3270_Setup  0xFD17
```

```
#define GDK_3270_Record 0xFD18
#define GDK_3270_ChangeScreen   0xFD19
#define GDK_3270_DeleteWord     0xFD1A
#define GDK_3270_ExSelect       0xFD1B
#define GDK_3270_CursorSelect   0xFD1C
#define GDK_3270_PrintScreen    0xFD1D
#define GDK_3270_Enter  0xFD1E
#define GDK_ISO_Lock    0xFE01
#define GDK_ISO_Level2_Latch    0xFE02
#define GDK_ISO_Level3_Shift    0xFE03
#define GDK_ISO_Level3_Latch    0xFE04
#define GDK_ISO_Level3_Lock     0xFE05
#define GDK_ISO_Group_Latch     0xFE06
#define GDK_ISO_Group_Lock      0xFE07
#define GDK_ISO_Next_Group      0xFE08
#define GDK_ISO_Next_Group_Lock 0xFE09
#define GDK_ISO_Prev_Group      0xFE0A
#define GDK_ISO_Prev_Group_Lock 0xFE0B
#define GDK_ISO_First_Group     0xFE0C
#define GDK_ISO_First_Group_Lock        0xFE0D
#define GDK_ISO_Last_Group      0xFE0E
#define GDK_ISO_Last_Group_Lock 0xFE0F
#define GDK_ISO_Left_Tab        0xFE20
#define GDK_ISO_Move_Line_Up    0xFE21
#define GDK_ISO_Move_Line_Down  0xFE22
#define GDK_ISO_Partial_Line_Up 0xFE23
#define GDK_ISO_Partial_Line_Down       0xFE24
#define GDK_ISO_Partial_Space_Left      0xFE25
#define GDK_ISO_Partial_Space_Right     0xFE26
#define GDK_ISO_Set_Margin_Left 0xFE27
#define GDK_ISO_Set_Margin_Right        0xFE28
#define GDK_ISO_Release_Margin_Left     0xFE29
#define GDK_ISO_Release_Margin_Right    0xFE2A
#define GDK_ISO_Release_Both_Margins    0xFE2B
#define GDK_ISO_Fast_Cursor_Left        0xFE2C
#define GDK_ISO_Fast_Cursor_Right       0xFE2D
#define GDK_ISO_Fast_Cursor_Up  0xFE2E
#define GDK_ISO_Fast_Cursor_Down        0xFE2F
#define GDK_ISO_Continuous_Underline    0xFE30
#define GDK_ISO_Discontinuous_Underline 0xFE31
#define GDK_ISO_Emphasize       0xFE32
#define GDK_ISO_Center_Object   0xFE33
#define GDK_ISO_Enter   0xFE34
#define GDK_dead_grave  0xFE50
#define GDK_dead_acute  0xFE51
#define GDK_dead_circumflex     0xFE52
#define GDK_dead_tilde  0xFE53
#define GDK_dead_macron 0xFE54
#define GDK_dead_breve  0xFE55
#define GDK_dead_abovedot       0xFE56
#define GDK_dead_diaeresis      0xFE57
#define GDK_dead_abovering      0xFE58
#define GDK_dead_doubleacute    0xFE59
#define GDK_dead_caron  0xFE5A
#define GDK_dead_cedilla        0xFE5B
#define GDK_dead_ogonek 0xFE5C
#define GDK_dead_iota   0xFE5D
#define GDK_dead_voiced_sound   0xFE5E
#define GDK_dead_semivoiced_sound       0xFE5F
#define GDK_dead_belowdot       0xFE60
#define GDK_dead_hook   0xFE61
#define GDK_dead_horn   0xFE62
#define GDK_AccessX_Enable      0xFE70
#define GDK_AccessX_Feedback_Enable     0xFE71
#define GDK_RepeatKeys_Enable   0xFE72
#define GDK_SlowKeys_Enable     0xFE73
```

 © 2008 Linux Foundation

```
#define GDK_BounceKeys_Enable   0xFE74
#define GDK_StickyKeys_Enable   0xFE75
#define GDK_MouseKeys_Enable    0xFE76
#define GDK_MouseKeys_Accel_Enable      0xFE77
#define GDK_Overlay1_Enable     0xFE78
#define GDK_Overlay2_Enable     0xFE79
#define GDK_AudibleBell_Enable  0xFE7A
#define GDK_First_Virtual_Screen        0xFED0
#define GDK_Prev_Virtual_Screen 0xFED1
#define GDK_Next_Virtual_Screen 0xFED2
#define GDK_Last_Virtual_Screen 0xFED4
#define GDK_Terminate_Server    0xFED5
#define GDK_Pointer_Left        0xFEE0
#define GDK_Pointer_Right       0xFEE1
#define GDK_Pointer_Up  0xFEE2
#define GDK_Pointer_Down        0xFEE3
#define GDK_Pointer_UpLeft      0xFEE4
#define GDK_Pointer_UpRight     0xFEE5
#define GDK_Pointer_DownLeft    0xFEE6
#define GDK_Pointer_DownRight   0xFEE7
#define GDK_Pointer_Button_Dflt 0xFEE8
#define GDK_Pointer_Button1     0xFEE9
#define GDK_Pointer_Button2     0xFEEA
#define GDK_Pointer_Button3     0xFEEB
#define GDK_Pointer_Button4     0xFEEC
#define GDK_Pointer_Button5     0xFEED
#define GDK_Pointer_DblClick_Dflt       0xFEEE
#define GDK_Pointer_DblClick1   0xFEEF
#define GDK_Pointer_DblClick2   0xFEF0
#define GDK_Pointer_DblClick3   0xFEF1
#define GDK_Pointer_DblClick4   0xFEF2
#define GDK_Pointer_DblClick5   0xFEF3
#define GDK_Pointer_Drag_Dflt   0xFEF4
#define GDK_Pointer_Drag1       0xFEF5
#define GDK_Pointer_Drag2       0xFEF6
#define GDK_Pointer_Drag3       0xFEF7
#define GDK_Pointer_Drag4       0xFEF8
#define GDK_Pointer_EnableKeys  0xFEF9
#define GDK_Pointer_Accelerate  0xFEFA
#define GDK_Pointer_DfltBtnNext 0xFEFB
#define GDK_Pointer_DfltBtnPrev 0xFEFC
#define GDK_Pointer_Drag5       0xFEFD
#define GDK_BackSpace   0xFF08
#define GDK_Tab 0xFF09
#define GDK_Linefeed    0xFF0A
#define GDK_Clear       0xFF0B
#define GDK_Return      0xFF0D
#define GDK_Pause       0xFF13
#define GDK_Scroll_Lock 0xFF14
#define GDK_Sys_Req     0xFF15
#define GDK_Escape      0xFF1B
#define GDK_Multi_key   0xFF20
#define GDK_Kanji       0xFF21
#define GDK_Muhenkan    0xFF22
#define GDK_Henkan      0xFF23
#define GDK_Henkan_Mode 0xFF23
#define GDK_Romaji      0xFF24
#define GDK_Hiragana    0xFF25
#define GDK_Katakana    0xFF26
#define GDK_Hiragana_Katakana   0xFF27
#define GDK_Zenkaku     0xFF28
#define GDK_Hankaku     0xFF29
#define GDK_Zenkaku_Hankaku     0xFF2A
#define GDK_Touroku     0xFF2B
#define GDK_Massyo      0xFF2C
#define GDK_Kana_Lock   0xFF2D
```

```
#define GDK_Kana_Shift  0xFF2E
#define GDK_Eisu_Shift  0xFF2F
#define GDK_Eisu_toggle 0xFF30
#define GDK_Hangul      0xff31
#define GDK_Hangul_Start        0xff32
#define GDK_Hangul_End  0xff33
#define GDK_Hangul_Hanja        0xff34
#define GDK_Hangul_Jamo 0xff35
#define GDK_Hangul_Romaja       0xff36
#define GDK_Codeinput   0xFF37
#define GDK_Hangul_Codeinput    0xff37
#define GDK_Kanji_Bangou        0xFF37
#define GDK_Hangul_Jeonja       0xff38
#define GDK_Hangul_Banja        0xff39
#define GDK_Hangul_PreHanja     0xff3a
#define GDK_Hangul_PostHanja    0xff3b
#define GDK_Hangul_SingleCandidate      0xff3c
#define GDK_SingleCandidate     0xFF3C
#define GDK_Hangul_MultipleCandidate    0xff3d
#define GDK_MultipleCandidate   0xFF3D
#define GDK_Zen_Koho    0xFF3D
#define GDK_Hangul_PreviousCandidate    0xff3e
#define GDK_Mae_Koho    0xFF3E
#define GDK_PreviousCandidate   0xFF3E
#define GDK_Hangul_Special      0xff3f
#define GDK_Home        0xFF50
#define GDK_Left        0xFF51
#define GDK_Up  0xFF52
#define GDK_Right       0xFF53
#define GDK_Down        0xFF54
#define GDK_Page_Up     0xFF55
#define GDK_Prior       0xFF55
#define GDK_Next        0xFF56
#define GDK_Page_Down   0xFF56
#define GDK_End 0xFF57
#define GDK_Begin       0xFF58
#define GDK_Select      0xFF60
#define GDK_Print       0xFF61
#define GDK_Execute     0xFF62
#define GDK_Insert      0xFF63
#define GDK_Undo        0xFF65
#define GDK_Redo        0xFF66
#define GDK_Menu        0xFF67
#define GDK_Find        0xFF68
#define GDK_Cancel      0xFF69
#define GDK_Help        0xFF6A
#define GDK_Break       0xFF6B
#define GDK_Arabic_switch       0xFF7E
#define GDK_Greek_switch        0xFF7E
#define GDK_Hangul_switch       0xFF7E
#define GDK_Hebrew_switch       0xFF7E
#define GDK_ISO_Group_Shift     0xFF7E
#define GDK_Mode_switch 0xFF7E
#define GDK_kana_switch 0xFF7E
#define GDK_script_switch       0xFF7E
#define GDK_Num_Lock    0xFF7F
#define GDK_KP_Space    0xFF80
#define GDK_KP_Tab      0xFF89
#define GDK_KP_Enter    0xFF8D
#define GDK_KP_F1       0xFF91
#define GDK_KP_F2       0xFF92
#define GDK_KP_F3       0xFF93
#define GDK_KP_F4       0xFF94
#define GDK_KP_Home     0xFF95
#define GDK_KP_Left     0xFF96
#define GDK_KP_Up       0xFF97
```

 © 2008 Linux Foundation

```
#define GDK_KP_Right    0xFF98
#define GDK_KP_Down     0xFF99
#define GDK_KP_Page_Up  0xFF9A
#define GDK_KP_Prior    0xFF9A
#define GDK_KP_Next     0xFF9B
#define GDK_KP_Page_Down        0xFF9B
#define GDK_KP_End      0xFF9C
#define GDK_KP_Begin    0xFF9D
#define GDK_KP_Insert   0xFF9E
#define GDK_KP_Delete   0xFF9F
#define GDK_KP_Multiply 0xFFAA
#define GDK_KP_Add      0xFFAB
#define GDK_KP_Separator        0xFFAC
#define GDK_KP_Subtract 0xFFAD
#define GDK_KP_Decimal  0xFFAE
#define GDK_KP_Divide   0xFFAF
#define GDK_KP_0        0xFFB0
#define GDK_KP_1        0xFFB1
#define GDK_KP_2        0xFFB2
#define GDK_KP_3        0xFFB3
#define GDK_KP_4        0xFFB4
#define GDK_KP_5        0xFFB5
#define GDK_KP_6        0xFFB6
#define GDK_KP_7        0xFFB7
#define GDK_KP_8        0xFFB8
#define GDK_KP_9        0xFFB9
#define GDK_KP_Equal    0xFFBD
#define GDK_F1  0xFFBE
#define GDK_F2  0xFFBF
#define GDK_F3  0xFFC0
#define GDK_F4  0xFFC1
#define GDK_F5  0xFFC2
#define GDK_F6  0xFFC3
#define GDK_F7  0xFFC4
#define GDK_F8  0xFFC5
#define GDK_F9  0xFFC6
#define GDK_F10 0xFFC7
#define GDK_F11 0xFFC8
#define GDK_L1  0xFFC8
#define GDK_F12 0xFFC9
#define GDK_L2  0xFFC9
#define GDK_F13 0xFFCA
#define GDK_L3  0xFFCA
#define GDK_F14 0xFFCB
#define GDK_L4  0xFFCB
#define GDK_F15 0xFFCC
#define GDK_L5  0xFFCC
#define GDK_F16 0xFFCD
#define GDK_L6  0xFFCD
#define GDK_F17 0xFFCE
#define GDK_L7  0xFFCE
#define GDK_F18 0xFFCF
#define GDK_L8  0xFFCF
#define GDK_F19 0xFFD0
#define GDK_L9  0xFFD0
#define GDK_F20 0xFFD1
#define GDK_L10 0xFFD1
#define GDK_F21 0xFFD2
#define GDK_R1  0xFFD2
#define GDK_F22 0xFFD3
#define GDK_R2  0xFFD3
#define GDK_F23 0xFFD4
#define GDK_R3  0xFFD4
#define GDK_F24 0xFFD5
#define GDK_R4  0xFFD5
#define GDK_F25 0xFFD6
```

```
#define GDK_R5  0xFFD6
#define GDK_F26 0xFFD7
#define GDK_R6  0xFFD7
#define GDK_F27 0xFFD8
#define GDK_R7  0xFFD8
#define GDK_F28 0xFFD9
#define GDK_R8  0xFFD9
#define GDK_F29 0xFFDA
#define GDK_R9  0xFFDA
#define GDK_F30 0xFFDB
#define GDK_R10 0xFFDB
#define GDK_F31 0xFFDC
#define GDK_R11 0xFFDC
#define GDK_F32 0xFFDD
#define GDK_R12 0xFFDD
#define GDK_F33 0xFFDE
#define GDK_R13 0xFFDE
#define GDK_F34 0xFFDF
#define GDK_R14 0xFFDF
#define GDK_F35 0xFFE0
#define GDK_R15 0xFFE0
#define GDK_Shift_L     0xFFE1
#define GDK_Shift_R     0xFFE2
#define GDK_Control_L   0xFFE3
#define GDK_Control_R   0xFFE4
#define GDK_Caps_Lock   0xFFE5
#define GDK_Shift_Lock  0xFFE6
#define GDK_Meta_L      0xFFE7
#define GDK_Meta_R      0xFFE8
#define GDK_Alt_L       0xFFE9
#define GDK_Alt_R       0xFFEA
#define GDK_Super_L     0xFFEB
#define GDK_Super_R     0xFFEC
#define GDK_Hyper_L     0xFFED
#define GDK_Hyper_R     0xFFEE
#define GDK_Delete      0xFFFF
#define GDK_VoidSymbol  0xFFFFFF
#define GDK_Greek_IOTAdiaeresis GDK_Greek_IOTAdieresis
```

16.26.4 gtk-2.0/gdk/gdkx.h

```
#define GDK_WINDOW_DESTROYED(d)  \
        (((GdkWindowObject*)(GDK_WINDOW (d)))->destroyed)
#define GDK_WINDOW_TYPE(d)       \
        (((GdkWindowObject*)(GDK_WINDOW (d)))->window_type)
#define GDK_COLORMAP_XCOLORMAP(cmap)     \
        (gdk_x11_colormap_get_xcolormap (cmap))
#define GDK_DISPLAY_XDISPLAY(display)    \
        (gdk_x11_display_get_xdisplay (display))
#define GDK_SCREEN_XDISPLAY(screen)      \
            (gdk_x11_display_get_xdisplay  (gdk_screen_get_display
(screen)))
#define GDK_PIXMAP_XDISPLAY(win)         \
         (gdk_x11_drawable_get_xdisplay (((GdkPixmapObject *)win)-
>impl))
#define GDK_WINDOW_XDISPLAY(win)         \
         (gdk_x11_drawable_get_xdisplay (((GdkWindowObject *)win)-
>impl))
#define GDK_SCREEN_XNUMBER(screen)       \
        (gdk_x11_screen_get_screen_number (screen))
#define GDK_PARENT_RELATIVE_BG  ((GdkPixmap *)1L)
#define GDK_NO_BG       ((GdkPixmap *)2L)
#define                                  GDK_COLORMAP_XDISPLAY(cmap)
(gdk_x11_colormap_get_xdisplay (cmap))
```

 © 2008 Linux Foundation

```
#define                                 GDK_CURSOR_XCURSOR(cursor)
(gdk_x11_cursor_get_xcursor (cursor))
#define                                GDK_CURSOR_XDISPLAY(cursor)
(gdk_x11_cursor_get_xdisplay (cursor))
#define                                 GDK_DRAWABLE_XDISPLAY(win)
(gdk_x11_drawable_get_xdisplay (win))
#define GDK_DRAWABLE_XID(win)   (gdk_x11_drawable_get_xid (win))
#define GDK_PIXMAP_XID(win)     (gdk_x11_drawable_get_xid (win))
#define GDK_WINDOW_XID(win)     (gdk_x11_drawable_get_xid (win))
#define GDK_WINDOW_XWINDOW(win) (gdk_x11_drawable_get_xid (win))
#define GDK_GC_XDISPLAY(gc)     (gdk_x11_gc_get_xdisplay (gc))
#define GDK_GC_XGC(gc)  (gdk_x11_gc_get_xgc (gc))
#define GDK_ROOT_WINDOW()       (gdk_x11_get_default_root_xwindow
())
#define                                  GDK_IMAGE_XDISPLAY(image)
(gdk_x11_image_get_xdisplay (image))
#define     GDK_IMAGE_XIMAGE(image)     (gdk_x11_image_get_ximage
(image))
#define                                 GDK_SCREEN_XSCREEN(screen)
(gdk_x11_screen_get_xscreen (screen))
#define                                 GDK_VISUAL_XVISUAL(visual)
(gdk_x11_visual_get_xvisual (visual))
#define GDK_DISPLAY()   gdk_display

extern Display *gdk_display;
extern gboolean gdk_net_wm_supports(GdkAtom property);
extern void gdk_synthesize_window_state(GdkWindow * window,
                                                        GdkWindowState
unset_flags,
                                                        GdkWindowState
set_flags);
extern void gdk_window_destroy_notify(GdkWindow * window);
extern Atom gdk_x11_atom_to_xatom(GdkAtom atom);
extern    Atom    gdk_x11_atom_to_xatom_for_display(GdkDisplay    *
display,
                                                  GdkAtom atom);
extern   GdkColormap   *gdk_x11_colormap_foreign_new(GdkVisual   *
visual,
                                                                Colormap
xcolormap);
extern   Colormap   gdk_x11_colormap_get_xcolormap(GdkColormap   *
colormap);
extern   Display   *gdk_x11_colormap_get_xdisplay(GdkColormap   *
colormap);
extern Cursor gdk_x11_cursor_get_xcursor(GdkCursor * cursor);
extern Display *gdk_x11_cursor_get_xdisplay(GdkCursor * cursor);
extern    guint32    gdk_x11_display_get_user_time(GdkDisplay    *
display);
extern    Display    *gdk_x11_display_get_xdisplay(GdkDisplay    *
display);
extern void gdk_x11_display_grab(GdkDisplay * display);
extern    void    gdk_x11_display_set_cursor_theme(GdkDisplay    *
display,
                                                 const gchar * theme,
                                                 const gint size);
extern void gdk_x11_display_ungrab(GdkDisplay * display);
extern   Display   *gdk_x11_drawable_get_xdisplay(GdkDrawable   *
drawable);
extern XID gdk_x11_drawable_get_xid(GdkDrawable * drawable);
extern Display *gdk_x11_gc_get_xdisplay(GdkGC * gc);
extern GC gdk_x11_gc_get_xgc(GdkGC * gc);
extern Window gdk_x11_get_default_root_xwindow(void);
extern gint gdk_x11_get_default_screen(void);
extern Display *gdk_x11_get_default_xdisplay(void);
extern guint32 gdk_x11_get_server_time(GdkWindow * window);
extern Atom gdk_x11_get_xatom_by_name(const gchar * atom_name);
```

```
extern  Atom  gdk_x11_get_xatom_by_name_for_display(GdkDisplay  *
display,
                                                    const gchar *
atom_name);
extern const gchar *gdk_x11_get_xatom_name(Atom xatom);
extern const gchar *gdk_x11_get_xatom_name_for_display(GdkDisplay
*
                                                      display,
                                                             Atom
xatom);
extern void gdk_x11_grab_server(void);
extern Display *gdk_x11_image_get_xdisplay(GdkImage * image);
extern XImage *gdk_x11_image_get_ximage(GdkImage * image);
extern GdkDisplay *gdk_x11_lookup_xdisplay(Display * xdisplay);
extern  void  gdk_x11_register_standard_event_type(GdkDisplay  *
display,
                                                   gint event_base,
                                                   gint n_events);
extern int gdk_x11_screen_get_screen_number(GdkScreen * screen);
extern                          const                          char
*gdk_x11_screen_get_window_manager_name(GdkScreen *
                                                               screen)
;
extern Screen *gdk_x11_screen_get_xscreen(GdkScreen * screen);
extern   GdkVisual   *gdk_x11_screen_lookup_visual(GdkScreen   *
screen,
                                                             VisualID
xvisualid);
extern  gboolean  gdk_x11_screen_supports_net_wm_hint(GdkScreen  *
screen,
                                                              GdkAtom
property);
extern void gdk_x11_ungrab_server(void);
extern Visual *gdk_x11_visual_get_xvisual(GdkVisual * visual);
extern  void  gdk_x11_window_move_to_current_desktop(GdkWindow  *
window);
extern void gdk_x11_window_set_user_time(GdkWindow * window,
                                         guint32 timestamp);
extern GdkAtom gdk_x11_xatom_to_atom(Atom xatom);
extern  GdkAtom  gdk_x11_xatom_to_atom_for_display(GdkDisplay  *
display,
                                                   Atom xatom);
extern gpointer gdk_xid_table_lookup(XID xid);
extern  gpointer  gdk_xid_table_lookup_for_display(GdkDisplay  *
display,
                                                   XID xid);
extern GdkVisual *gdkx_visual_get(VisualID xvisualid);
```

16.27 Interfaces for libgtk-x11-2.0

Table 16-90 defines the library name and shared object name for the libgtk-x11-2.0 library

Table 16-90 libgtk-x11-2.0 Definition

Library:	libgtk-x11-2.0
SONAME:	libgtk-x11-2.0.so.0

The behavior of the interfaces in this library is specified by the following specifications:

[Gobject 2.8] Gobject 2.8.6 Reference Manual

[Gtk 2.8] Gtk+ 2.8.20 Reference Manual

[LSB] This Specification

 © 2008 Linux Foundation

16.27.1 GTK main Widgets library

16.27.1.1 Interfaces for GTK main Widgets library

An LSB conforming implementation shall provide the generic functions for GTK main Widgets library specified in Table 16-91, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-91 libgtk-x11-2.0 - GTK main Widgets library Function Interfaces

gtk_about_dialog_get_artists [Gtk 2.8]	gtk_about_dialog_get_authors [Gtk 2.8]
gtk_about_dialog_get_comments [Gtk 2.8]	gtk_about_dialog_get_copyright [Gtk 2.8]
gtk_about_dialog_get_documenters [Gtk 2.8]	gtk_about_dialog_get_license [Gtk 2.8]
gtk_about_dialog_get_logo [Gtk 2.8]	gtk_about_dialog_get_logo_icon_name [Gtk 2.8]
gtk_about_dialog_get_name [Gtk 2.8]	gtk_about_dialog_get_translator_credits [Gtk 2.8]
gtk_about_dialog_get_type [Gobject 2.8]	gtk_about_dialog_get_version [Gtk 2.8]
gtk_about_dialog_get_website [Gtk 2.8]	gtk_about_dialog_get_website_label [Gtk 2.8]
gtk_about_dialog_get_wrap_license [Gtk 2.8]	gtk_about_dialog_new [Gtk 2.8]
gtk_about_dialog_set_artists [Gtk 2.8]	gtk_about_dialog_set_authors [Gtk 2.8]
gtk_about_dialog_set_comments [Gtk 2.8]	gtk_about_dialog_set_copyright [Gtk 2.8]
gtk_about_dialog_set_documenters [Gtk 2.8]	gtk_about_dialog_set_email_hook [Gtk 2.8]
gtk_about_dialog_set_license [Gtk 2.8]	gtk_about_dialog_set_logo [Gtk 2.8]
gtk_about_dialog_set_logo_icon_name [Gtk 2.8]	gtk_about_dialog_set_name [Gtk 2.8]
gtk_about_dialog_set_translator_credits [Gtk 2.8]	gtk_about_dialog_set_url_hook [Gtk 2.8]
gtk_about_dialog_set_version [Gtk 2.8]	gtk_about_dialog_set_website [Gtk 2.8]
gtk_about_dialog_set_website_label [Gtk 2.8]	gtk_about_dialog_set_wrap_license [Gtk 2.8]
gtk_accel_flags_get_type [Gobject 2.8]	gtk_accel_group_activate [Gtk 2.8]
gtk_accel_group_connect [Gtk 2.8]	gtk_accel_group_connect_by_path [Gtk 2.8]
gtk_accel_group_disconnect [Gtk 2.8]	gtk_accel_group_disconnect_key [Gtk 2.8]

gtk_accel_group_find [Gtk 2.8]	gtk_accel_group_from_accel_closure [Gtk 2.8]
gtk_accel_group_get_type [Gobject 2.8]	gtk_accel_group_lock [Gtk 2.8]
gtk_accel_group_new [Gtk 2.8]	gtk_accel_group_query [Gtk 2.8]
gtk_accel_group_unlock [Gtk 2.8]	gtk_accel_groups_activate [Gtk 2.8]
gtk_accel_groups_from_object [Gtk 2.8]	gtk_accel_label_get_accel_widget [Gtk 2.8]
gtk_accel_label_get_accel_width [Gtk 2.8]	gtk_accel_label_get_type [Gobject 2.8]
gtk_accel_label_new [Gtk 2.8]	gtk_accel_label_refetch [Gtk 2.8]
gtk_accel_label_set_accel_closure [Gtk 2.8]	gtk_accel_label_set_accel_widget [Gtk 2.8]
gtk_accel_map_add_entry [Gtk 2.8]	gtk_accel_map_add_filter [Gtk 2.8]
gtk_accel_map_change_entry [Gtk 2.8]	gtk_accel_map_foreach [Gtk 2.8]
gtk_accel_map_foreach_unfiltered [Gtk 2.8]	gtk_accel_map_get [Gtk 2.8]
gtk_accel_map_get_type [Gobject 2.8]	gtk_accel_map_load [Gtk 2.8]
gtk_accel_map_load_fd [Gtk 2.8]	gtk_accel_map_load_scanner [Gtk 2.8]
gtk_accel_map_lock_path [Gtk 2.8]	gtk_accel_map_lookup_entry [Gtk 2.8]
gtk_accel_map_save [Gtk 2.8]	gtk_accel_map_save_fd [Gtk 2.8]
gtk_accel_map_unlock_path [Gtk 2.8]	gtk_accelerator_get_default_mod_mask [Gtk 2.8]
gtk_accelerator_get_label [Gtk 2.8]	gtk_accelerator_name [Gtk 2.8]
gtk_accelerator_parse [Gtk 2.8]	gtk_accelerator_set_default_mod_mask [Gtk 2.8]
gtk_accelerator_valid [Gtk 2.8]	gtk_accessible_connect_widget_destroyed [Gtk 2.8]
gtk_accessible_get_type [Gobject 2.8]	gtk_action_activate [Gtk 2.8]
gtk_action_block_activate_from [Gtk 2.8]	gtk_action_connect_accelerator [Gtk 2.8]
gtk_action_connect_proxy [Gtk 2.8]	gtk_action_create_icon [Gtk 2.8]
gtk_action_create_menu_item [Gtk 2.8]	gtk_action_create_tool_item [Gtk 2.8]
gtk_action_disconnect_accelerator [Gtk 2.8]	gtk_action_disconnect_proxy [Gtk 2.8]
gtk_action_get_accel_closure [Gtk 2.8]	gtk_action_get_accel_path [Gtk 2.8]
gtk_action_get_name [Gtk 2.8]	gtk_action_get_proxies [Gtk 2.8]
gtk_action_get_sensitive [Gtk 2.8]	gtk_action_get_type [Gobject 2.8]

© 2008 Linux Foundation

gtk_action_get_visible [Gtk 2.8]	gtk_action_group_add_action [Gtk 2.8]
gtk_action_group_add_action_with_accel [Gtk 2.8]	gtk_action_group_add_actions [Gtk 2.8]
gtk_action_group_add_actions_full [Gtk 2.8]	gtk_action_group_add_radio_actions [Gtk 2.8]
gtk_action_group_add_radio_actions_full [Gtk 2.8]	gtk_action_group_add_toggle_actions [Gtk 2.8]
gtk_action_group_add_toggle_actions_full [Gtk 2.8]	gtk_action_group_get_action [Gtk 2.8]
gtk_action_group_get_name [Gtk 2.8]	gtk_action_group_get_sensitive [Gtk 2.8]
gtk_action_group_get_type [Gobject 2.8]	gtk_action_group_get_visible [Gtk 2.8]
gtk_action_group_list_actions [Gtk 2.8]	gtk_action_group_new [Gtk 2.8]
gtk_action_group_remove_action [Gtk 2.8]	gtk_action_group_set_sensitive [Gtk 2.8]
gtk_action_group_set_translate_func [Gtk 2.8]	gtk_action_group_set_translation_domain [Gtk 2.8]
gtk_action_group_set_visible [Gtk 2.8]	gtk_action_group_translate_string [Gtk 2.8]
gtk_action_is_sensitive [Gtk 2.8]	gtk_action_is_visible [Gtk 2.8]
gtk_action_new [Gtk 2.8]	gtk_action_set_accel_group [Gtk 2.8]
gtk_action_set_accel_path [Gtk 2.8]	gtk_action_set_sensitive [Gtk 2.8]
gtk_action_set_visible [Gtk 2.8]	gtk_action_unblock_activate_from [Gtk 2.8]
gtk_adjustment_changed [Gtk 2.8]	gtk_adjustment_clamp_page [Gtk 2.8]
gtk_adjustment_get_type [Gobject 2.8]	gtk_adjustment_get_value [Gtk 2.8]
gtk_adjustment_new [Gtk 2.8]	gtk_adjustment_set_value [Gtk 2.8]
gtk_adjustment_value_changed [Gtk 2.8]	gtk_alignment_get_padding [Gtk 2.8]
gtk_alignment_get_type [Gobject 2.8]	gtk_alignment_new [Gtk 2.8]
gtk_alignment_set [Gtk 2.8]	gtk_alignment_set_padding [Gtk 2.8]
gtk_alternative_dialog_button_order [Gtk 2.8]	gtk_anchor_type_get_type [Gobject 2.8]
gtk_arg_flags_get_type [Gobject 2.8]	gtk_arrow_get_type [Gobject 2.8]
gtk_arrow_new [Gtk 2.8]	gtk_arrow_set [Gtk 2.8]
gtk_arrow_type_get_type [Gobject 2.8]	gtk_aspect_frame_get_type [Gobject 2.8]
gtk_aspect_frame_new [Gtk 2.8]	gtk_aspect_frame_set [Gtk 2.8]

gtk_attach_options_get_type [Gobject 2.8]	gtk_bin_get_child [Gtk 2.8]
gtk_bin_get_type [Gobject 2.8]	gtk_binding_entry_add_signal [Gtk 2.8]
gtk_binding_entry_add_signall [Gtk 2.8]	gtk_binding_entry_clear [Gtk 2.8]
gtk_binding_entry_remove [Gtk 2.8]	gtk_binding_parse_binding [Gtk 2.8]
gtk_binding_set_activate [Gtk 2.8]	gtk_binding_set_add_path [Gtk 2.8]
gtk_binding_set_by_class [Gtk 2.8]	gtk_binding_set_find [Gtk 2.8]
gtk_binding_set_new [Gtk 2.8]	gtk_bindings_activate [Gtk 2.8]
gtk_bindings_activate_event [Gtk 2.8]	gtk_border_copy [Gtk 2.8]
gtk_border_free [Gtk 2.8]	gtk_border_get_type [Gobject 2.8]
gtk_box_get_homogeneous [Gtk 2.8]	gtk_box_get_spacing [Gtk 2.8]
gtk_box_get_type [Gobject 2.8]	gtk_box_pack_end [Gtk 2.8]
gtk_box_pack_end_defaults [Gtk 2.8]	gtk_box_pack_start [Gtk 2.8]
gtk_box_pack_start_defaults [Gtk 2.8]	gtk_box_query_child_packing [Gtk 2.8]
gtk_box_reorder_child [Gtk 2.8]	gtk_box_set_child_packing [Gtk 2.8]
gtk_box_set_homogeneous [Gtk 2.8]	gtk_box_set_spacing [Gtk 2.8]
gtk_button_box_get_child_secondary [Gtk 2.8]	gtk_button_box_get_layout [Gtk 2.8]
gtk_button_box_get_type [Gobject 2.8]	gtk_button_box_set_child_secondary [Gtk 2.8]
gtk_button_box_set_layout [Gtk 2.8]	gtk_button_box_style_get_type [Gobject 2.8]
gtk_button_clicked [Gtk 2.8]	gtk_button_enter [Gtk 2.8]
gtk_button_get_alignment [Gtk 2.8]	gtk_button_get_focus_on_click [Gtk 2.8]
gtk_button_get_image [LSB]	gtk_button_get_label [Gtk 2.8]
gtk_button_get_relief [Gtk 2.8]	gtk_button_get_type [Gobject 2.8]
gtk_button_get_use_stock [Gtk 2.8]	gtk_button_get_use_underline [Gtk 2.8]
gtk_button_leave [Gtk 2.8]	gtk_button_new [Gtk 2.8]
gtk_button_new_from_stock [Gtk 2.8]	gtk_button_new_with_label [Gtk 2.8]
gtk_button_new_with_mnemonic [Gtk 2.8]	gtk_button_pressed [Gtk 2.8]
gtk_button_released [Gtk 2.8]	gtk_button_set_alignment [Gtk 2.8]
gtk_button_set_focus_on_click [Gtk 2.8]	gtk_button_set_image [LSB]
gtk_button_set_label [Gtk 2.8]	gtk_button_set_relief [Gtk 2.8]
gtk_button_set_use_stock [Gtk 2.8]	gtk_button_set_use_underline [Gtk

© 2008 Linux Foundation

	2.8]
gtk_buttons_type_get_type [Gobject 2.8]	gtk_calendar_clear_marks [Gtk 2.8]
gtk_calendar_display_options_get_type [Gobject 2.8]	gtk_calendar_get_date [Gtk 2.8]
gtk_calendar_get_display_options [Gtk 2.8]	gtk_calendar_get_type [Gobject 2.8]
gtk_calendar_mark_day [Gtk 2.8]	gtk_calendar_new [Gtk 2.8]
gtk_calendar_select_day [Gtk 2.8]	gtk_calendar_select_month [Gtk 2.8]
gtk_calendar_set_display_options [Gtk 2.8]	gtk_calendar_unmark_day [Gtk 2.8]
gtk_cell_editable_editing_done [Gtk 2.8]	gtk_cell_editable_get_type [Gobject 2.8]
gtk_cell_editable_remove_widget [Gtk 2.8]	gtk_cell_editable_start_editing [Gtk 2.8]
gtk_cell_layout_add_attribute [Gtk 2.8]	gtk_cell_layout_clear [Gtk 2.8]
gtk_cell_layout_clear_attributes [Gtk 2.8]	gtk_cell_layout_get_type [Gobject 2.8]
gtk_cell_layout_pack_end [Gtk 2.8]	gtk_cell_layout_pack_start [Gtk 2.8]
gtk_cell_layout_reorder [Gtk 2.8]	gtk_cell_layout_set_attributes [Gtk 2.8]
gtk_cell_layout_set_cell_data_func [Gtk 2.8]	gtk_cell_renderer_activate [Gtk 2.8]
gtk_cell_renderer_combo_get_type [Gobject 2.8]	gtk_cell_renderer_combo_new [Gtk 2.8]
gtk_cell_renderer_get_fixed_size [Gtk 2.8]	gtk_cell_renderer_get_size [Gtk 2.8]
gtk_cell_renderer_get_type [Gobject 2.8]	gtk_cell_renderer_mode_get_type [Gobject 2.8]
gtk_cell_renderer_pixbuf_get_type [Gobject 2.8]	gtk_cell_renderer_pixbuf_new [Gtk 2.8]
gtk_cell_renderer_progress_get_type [Gobject 2.8]	gtk_cell_renderer_progress_new [Gtk 2.8]
gtk_cell_renderer_render [Gtk 2.8]	gtk_cell_renderer_set_fixed_size [Gtk 2.8]
gtk_cell_renderer_start_editing [Gtk 2.8]	gtk_cell_renderer_state_get_type [Gobject 2.8]
gtk_cell_renderer_stop_editing [Gtk 2.8]	gtk_cell_renderer_text_get_type [Gobject 2.8]
gtk_cell_renderer_text_new [Gtk 2.8]	gtk_cell_renderer_text_set_fixed_height_from_font [Gtk 2.8]
gtk_cell_renderer_toggle_get_active [Gtk 2.8]	gtk_cell_renderer_toggle_get_radio [Gtk 2.8]
gtk_cell_renderer_toggle_get_type	gtk_cell_renderer_toggle_new [Gtk

[Gobject 2.8]	2.8]
gtk_cell_renderer_toggle_set_active [Gtk 2.8]	gtk_cell_renderer_toggle_set_radio [Gtk 2.8]
gtk_cell_view_get_cell_renderers [Gtk 2.8]	gtk_cell_view_get_displayed_row [Gtk 2.8]
gtk_cell_view_get_size_of_row [Gtk 2.8]	gtk_cell_view_get_type [Gobject 2.8]
gtk_cell_view_new [Gtk 2.8]	gtk_cell_view_new_with_markup [Gtk 2.8]
gtk_cell_view_new_with_pixbuf [Gtk 2.8]	gtk_cell_view_new_with_text [Gtk 2.8]
gtk_cell_view_set_background_color [Gtk 2.8]	gtk_cell_view_set_displayed_row [Gtk 2.8]
gtk_cell_view_set_model [Gtk 2.8]	gtk_check_button_get_type [Gobject 2.8]
gtk_check_button_new [Gtk 2.8]	gtk_check_button_new_with_label [Gtk 2.8]
gtk_check_button_new_with_mnemonic [Gtk 2.8]	gtk_check_menu_item_get_active [Gtk 2.8]
gtk_check_menu_item_get_draw_as_radio [Gtk 2.8]	gtk_check_menu_item_get_inconsistent [Gtk 2.8]
gtk_check_menu_item_get_type [Gobject 2.8]	gtk_check_menu_item_new [Gtk 2.8]
gtk_check_menu_item_new_with_label [Gtk 2.8]	gtk_check_menu_item_new_with_mnemonic [Gtk 2.8]
gtk_check_menu_item_set_active [Gtk 2.8]	gtk_check_menu_item_set_draw_as_radio [Gtk 2.8]
gtk_check_menu_item_set_inconsistent [Gtk 2.8]	gtk_check_menu_item_toggled [Gtk 2.8]
gtk_check_version [Gtk 2.8]	gtk_clipboard_clear [Gtk 2.8]
gtk_clipboard_get [Gtk 2.8]	gtk_clipboard_get_display [Gtk 2.8]
gtk_clipboard_get_for_display [Gtk 2.8]	gtk_clipboard_get_owner [Gtk 2.8]
gtk_clipboard_get_type [Gobject 2.8]	gtk_clipboard_request_contents [Gtk 2.8]
gtk_clipboard_request_image [Gtk 2.8]	gtk_clipboard_request_targets [Gtk 2.8]
gtk_clipboard_request_text [Gtk 2.8]	gtk_clipboard_set_can_store [Gtk 2.8]
gtk_clipboard_set_image [Gtk 2.8]	gtk_clipboard_set_text [Gtk 2.8]
gtk_clipboard_set_with_data [Gtk 2.8]	gtk_clipboard_set_with_owner [Gtk 2.8]
gtk_clipboard_store [Gtk 2.8]	gtk_clipboard_wait_for_contents [Gtk 2.8]
gtk_clipboard_wait_for_image [Gtk	gtk_clipboard_wait_for_targets [Gtk

© 2008 Linux Foundation

2.8]	2.8]
gtk_clipboard_wait_for_text [Gtk 2.8]	gtk_clipboard_wait_is_image_available [Gtk 2.8]
gtk_clipboard_wait_is_target_available [Gtk 2.8]	gtk_clipboard_wait_is_text_available [Gtk 2.8]
gtk_color_button_get_alpha [Gtk 2.8]	gtk_color_button_get_color [Gtk 2.8]
gtk_color_button_get_title [Gtk 2.8]	gtk_color_button_get_type [Gobject 2.8]
gtk_color_button_get_use_alpha [Gtk 2.8]	gtk_color_button_new [Gtk 2.8]
gtk_color_button_new_with_color [Gtk 2.8]	gtk_color_button_set_alpha [Gtk 2.8]
gtk_color_button_set_color [Gtk 2.8]	gtk_color_button_set_title [Gtk 2.8]
gtk_color_button_set_use_alpha [Gtk 2.8]	gtk_color_selection_dialog_get_type [Gobject 2.8]
gtk_color_selection_dialog_new [Gtk 2.8]	gtk_color_selection_get_current_alpha [Gtk 2.8]
gtk_color_selection_get_current_color [Gtk 2.8]	gtk_color_selection_get_has_opacity_control [Gtk 2.8]
gtk_color_selection_get_has_palette [Gtk 2.8]	gtk_color_selection_get_previous_alpha [Gtk 2.8]
gtk_color_selection_get_previous_color [Gtk 2.8]	gtk_color_selection_get_type [Gobject 2.8]
gtk_color_selection_is_adjusting [Gtk 2.8]	gtk_color_selection_new [Gtk 2.8]
gtk_color_selection_palette_from_string [Gtk 2.8]	gtk_color_selection_palette_to_string [Gtk 2.8]
gtk_color_selection_set_change_palette_with_screen_hook [Gtk 2.8]	gtk_color_selection_set_current_alpha [Gtk 2.8]
gtk_color_selection_set_current_color [Gtk 2.8]	gtk_color_selection_set_has_opacity_control [Gtk 2.8]
gtk_color_selection_set_has_palette [Gtk 2.8]	gtk_color_selection_set_previous_alpha [Gtk 2.8]
gtk_color_selection_set_previous_color [Gtk 2.8]	gtk_combo_box_append_text [Gtk 2.8]
gtk_combo_box_entry_get_text_column [Gtk 2.8]	gtk_combo_box_entry_get_type [Gobject 2.8]
gtk_combo_box_entry_new [Gtk 2.8]	gtk_combo_box_entry_new_text [Gtk 2.8]
gtk_combo_box_entry_new_with_model [Gtk 2.8]	gtk_combo_box_entry_set_text_column [Gtk 2.8]
gtk_combo_box_get_active [Gtk 2.8]	gtk_combo_box_get_active_iter [Gtk 2.8]
gtk_combo_box_get_active_text [Gtk	gtk_combo_box_get_add_tearoffs

2.8]	[Gtk 2.8]
gtk_combo_box_get_column_span_column [Gtk 2.8]	gtk_combo_box_get_focus_on_click [Gtk 2.8]
gtk_combo_box_get_model [Gtk 2.8]	gtk_combo_box_get_popup_accessible [Gtk 2.8]
gtk_combo_box_get_row_separator_func [Gtk 2.8]	gtk_combo_box_get_row_span_column [Gtk 2.8]
gtk_combo_box_get_type [Gobject 2.8]	gtk_combo_box_get_wrap_width [Gtk 2.8]
gtk_combo_box_insert_text [Gtk 2.8]	gtk_combo_box_new [Gtk 2.8]
gtk_combo_box_new_text [Gtk 2.8]	gtk_combo_box_new_with_model [Gtk 2.8]
gtk_combo_box_popdown [Gtk 2.8]	gtk_combo_box_popup [Gtk 2.8]
gtk_combo_box_prepend_text [Gtk 2.8]	gtk_combo_box_remove_text [Gtk 2.8]
gtk_combo_box_set_active [Gtk 2.8]	gtk_combo_box_set_active_iter [Gtk 2.8]
gtk_combo_box_set_add_tearoffs [Gtk 2.8]	gtk_combo_box_set_column_span_column [Gtk 2.8]
gtk_combo_box_set_focus_on_click [Gtk 2.8]	gtk_combo_box_set_model [Gtk 2.8]
gtk_combo_box_set_row_separator_func [Gtk 2.8]	gtk_combo_box_set_row_span_column [Gtk 2.8]
gtk_combo_box_set_wrap_width [Gtk 2.8]	gtk_combo_get_type [Gobject 2.8]
gtk_container_add [Gtk 2.8]	gtk_container_add_with_properties [Gtk 2.8]
gtk_container_check_resize [Gtk 2.8]	gtk_container_child_get [Gtk 2.8]
gtk_container_child_get_property [Gtk 2.8]	gtk_container_child_get_valist [Gtk 2.8]
gtk_container_child_set [Gtk 2.8]	gtk_container_child_set_property [Gtk 2.8]
gtk_container_child_set_valist [Gtk 2.8]	gtk_container_child_type [Gtk 2.8]
gtk_container_class_find_child_property [Gtk 2.8]	gtk_container_class_install_child_property [Gtk 2.8]
gtk_container_class_list_child_properties [Gtk 2.8]	gtk_container_forall [Gtk 2.8]
gtk_container_foreach [Gtk 2.8]	gtk_container_get_border_width [Gtk 2.8]
gtk_container_get_children [Gtk 2.8]	gtk_container_get_focus_chain [Gtk 2.8]
gtk_container_get_focus_hadjustment [Gtk 2.8]	gtk_container_get_focus_vadjustment [Gtk 2.8]
gtk_container_get_resize_mode [Gtk	gtk_container_get_type [Gobject 2.8]

© 2008 Linux Foundation

2.8]	
gtk_container_propagate_expose [Gtk 2.8]	gtk_container_remove [Gtk 2.8]
gtk_container_resize_children [Gtk 2.8]	gtk_container_set_border_width [Gtk 2.8]
gtk_container_set_focus_chain [Gtk 2.8]	gtk_container_set_focus_child [Gtk 2.8]
gtk_container_set_focus_hadjustment [Gtk 2.8]	gtk_container_set_focus_vadjustment [Gtk 2.8]
gtk_container_set_reallocate_redraws [Gtk 2.8]	gtk_container_set_resize_mode [Gtk 2.8]
gtk_container_unset_focus_chain [Gtk 2.8]	gtk_corner_type_get_type [Gobject 2.8]
gtk_curve_get_type [Gobject 2.8]	gtk_curve_get_vector [Gtk 2.8]
gtk_curve_new [Gtk 2.8]	gtk_curve_reset [Gtk 2.8]
gtk_curve_set_curve_type [Gtk 2.8]	gtk_curve_set_gamma [Gtk 2.8]
gtk_curve_set_range [Gtk 2.8]	gtk_curve_set_vector [Gtk 2.8]
gtk_curve_type_get_type [Gobject 2.8]	gtk_debug_flag_get_type [Gobject 2.8]
gtk_delete_type_get_type [Gobject 2.8]	gtk_dest_defaults_get_type [Gobject 2.8]
gtk_dialog_add_action_widget [Gtk 2.8]	gtk_dialog_add_button [Gtk 2.8]
gtk_dialog_add_buttons [Gtk 2.8]	gtk_dialog_flags_get_type [Gobject 2.8]
gtk_dialog_get_has_separator [Gtk 2.8]	gtk_dialog_get_response_for_widget [Gtk 2.8]
gtk_dialog_get_type [Gobject 2.8]	gtk_dialog_new [Gtk 2.8]
gtk_dialog_new_with_buttons [Gtk 2.8]	gtk_dialog_response [Gtk 2.8]
gtk_dialog_run [Gtk 2.8]	gtk_dialog_set_alternative_button_order [Gtk 2.8]
gtk_dialog_set_alternative_button_order_from_array [Gtk 2.8]	gtk_dialog_set_default_response [Gtk 2.8]
gtk_dialog_set_has_separator [Gtk 2.8]	gtk_dialog_set_response_sensitive [Gtk 2.8]
gtk_direction_type_get_type [Gobject 2.8]	gtk_disable_setlocale [Gtk 2.8]
gtk_drag_begin [Gtk 2.8]	gtk_drag_check_threshold [Gtk 2.8]
gtk_drag_dest_add_image_targets [Gtk 2.8]	gtk_drag_dest_add_text_targets [Gtk 2.8]
gtk_drag_dest_add_uri_targets [Gtk 2.8]	gtk_drag_dest_find_target [Gtk 2.8]
gtk_drag_dest_get_target_list [Gtk 2.8]	gtk_drag_dest_set [Gtk 2.8]

gtk_drag_dest_set_proxy [Gtk 2.8]	gtk_drag_dest_set_target_list [Gtk 2.8]
gtk_drag_dest_unset [Gtk 2.8]	gtk_drag_finish [Gtk 2.8]
gtk_drag_get_data [Gtk 2.8]	gtk_drag_get_source_widget [Gtk 2.8]
gtk_drag_highlight [Gtk 2.8]	gtk_drag_set_icon_default [Gtk 2.8]
gtk_drag_set_icon_name [Gtk 2.8]	gtk_drag_set_icon_pixbuf [Gtk 2.8]
gtk_drag_set_icon_pixmap [Gtk 2.8]	gtk_drag_set_icon_stock [Gtk 2.8]
gtk_drag_set_icon_widget [Gtk 2.8]	gtk_drag_source_add_image_targets [Gtk 2.8]
gtk_drag_source_add_text_targets [Gtk 2.8]	gtk_drag_source_add_uri_targets [Gtk 2.8]
gtk_drag_source_get_target_list [Gtk 2.8]	gtk_drag_source_set [Gtk 2.8]
gtk_drag_source_set_icon [Gtk 2.8]	gtk_drag_source_set_icon_name [Gtk 2.8]
gtk_drag_source_set_icon_pixbuf [Gtk 2.8]	gtk_drag_source_set_icon_stock [Gtk 2.8]
gtk_drag_source_set_target_list [Gtk 2.8]	gtk_drag_source_unset [Gtk 2.8]
gtk_drag_unhighlight [Gtk 2.8]	gtk_draw_insertion_cursor [Gtk 2.8]
gtk_drawing_area_get_type [Gobject 2.8]	gtk_drawing_area_new [Gtk 2.8]
gtk_editable_copy_clipboard [Gtk 2.8]	gtk_editable_cut_clipboard [Gtk 2.8]
gtk_editable_delete_selection [Gtk 2.8]	gtk_editable_delete_text [Gtk 2.8]
gtk_editable_get_chars [Gtk 2.8]	gtk_editable_get_editable [Gtk 2.8]
gtk_editable_get_position [Gtk 2.8]	gtk_editable_get_selection_bounds [Gtk 2.8]
gtk_editable_get_type [Gobject 2.8]	gtk_editable_insert_text [Gtk 2.8]
gtk_editable_paste_clipboard [Gtk 2.8]	gtk_editable_select_region [Gtk 2.8]
gtk_editable_set_editable [Gtk 2.8]	gtk_editable_set_position [Gtk 2.8]
gtk_entry_completion_complete [Gtk 2.8]	gtk_entry_completion_delete_action [Gtk 2.8]
gtk_entry_completion_get_entry [Gtk 2.8]	gtk_entry_completion_get_inline_completion [Gtk 2.8]
gtk_entry_completion_get_minimum_key_length [Gtk 2.8]	gtk_entry_completion_get_model [Gtk 2.8]
gtk_entry_completion_get_popup_completion [Gtk 2.8]	gtk_entry_completion_get_popup_set_width [Gtk 2.8]
gtk_entry_completion_get_popup_single_match [Gtk 2.8]	gtk_entry_completion_get_text_column [Gtk 2.8]

© 2008 Linux Foundation

gtk_entry_completion_get_type [Gobject 2.8]	gtk_entry_completion_insert_action_markup [Gtk 2.8]
gtk_entry_completion_insert_action_text [Gtk 2.8]	gtk_entry_completion_insert_prefix [Gtk 2.8]
gtk_entry_completion_new [Gtk 2.8]	gtk_entry_completion_set_inline_completion [Gtk 2.8]
gtk_entry_completion_set_match_func [Gtk 2.8]	gtk_entry_completion_set_minimum_key_length [Gtk 2.8]
gtk_entry_completion_set_model [Gtk 2.8]	gtk_entry_completion_set_popup_completion [Gtk 2.8]
gtk_entry_completion_set_popup_set_width [Gtk 2.8]	gtk_entry_completion_set_popup_single_match [Gtk 2.8]
gtk_entry_completion_set_text_column [Gtk 2.8]	gtk_entry_get_activates_default [Gtk 2.8]
gtk_entry_get_alignment [Gtk 2.8]	gtk_entry_get_completion [Gtk 2.8]
gtk_entry_get_has_frame [Gtk 2.8]	gtk_entry_get_invisible_char [Gtk 2.8]
gtk_entry_get_layout [Gtk 2.8]	gtk_entry_get_layout_offsets [Gtk 2.8]
gtk_entry_get_max_length [Gtk 2.8]	gtk_entry_get_text [Gtk 2.8]
gtk_entry_get_type [Gobject 2.8]	gtk_entry_get_visibility [Gtk 2.8]
gtk_entry_get_width_chars [Gtk 2.8]	gtk_entry_layout_index_to_text_index [Gtk 2.8]
gtk_entry_new [Gtk 2.8]	gtk_entry_set_activates_default [Gtk 2.8]
gtk_entry_set_alignment [Gtk 2.8]	gtk_entry_set_completion [Gtk 2.8]
gtk_entry_set_has_frame [Gtk 2.8]	gtk_entry_set_invisible_char [Gtk 2.8]
gtk_entry_set_max_length [Gtk 2.8]	gtk_entry_set_text [Gtk 2.8]
gtk_entry_set_visibility [Gtk 2.8]	gtk_entry_set_width_chars [Gtk 2.8]
gtk_entry_text_index_to_layout_index [Gtk 2.8]	gtk_event_box_get_above_child [Gtk 2.8]
gtk_event_box_get_type [Gobject 2.8]	gtk_event_box_get_visible_window [Gtk 2.8]
gtk_event_box_new [Gtk 2.8]	gtk_event_box_set_above_child [Gtk 2.8]
gtk_event_box_set_visible_window [Gtk 2.8]	gtk_events_pending [Gtk 2.8]
gtk_expander_get_expanded [Gtk 2.8]	gtk_expander_get_label [Gtk 2.8]
gtk_expander_get_label_widget [Gtk 2.8]	gtk_expander_get_spacing [Gtk 2.8]
gtk_expander_get_type [Gobject 2.8]	gtk_expander_get_use_markup [Gtk 2.8]
gtk_expander_get_use_underline	gtk_expander_new [Gtk 2.8]

[Gtk 2.8]	
gtk_expander_new_with_mnemonic [Gtk 2.8]	gtk_expander_set_expanded [Gtk 2.8]
gtk_expander_set_label [Gtk 2.8]	gtk_expander_set_label_widget [Gtk 2.8]
gtk_expander_set_spacing [Gtk 2.8]	gtk_expander_set_use_markup [Gtk 2.8]
gtk_expander_set_use_underline [Gtk 2.8]	gtk_expander_style_get_type [Gobject 2.8]
gtk_false [Gtk 2.8]	gtk_file_chooser_action_get_type [Gobject 2.8]
gtk_file_chooser_add_filter [Gtk 2.8]	gtk_file_chooser_add_shortcut_folder [Gtk 2.8]
gtk_file_chooser_add_shortcut_folder_uri [Gtk 2.8]	gtk_file_chooser_button_get_title [Gtk 2.8]
gtk_file_chooser_button_get_type [Gobject 2.8]	gtk_file_chooser_button_get_width_chars [Gtk 2.8]
gtk_file_chooser_button_new [Gtk 2.8]	gtk_file_chooser_button_new_with_backend [Gtk 2.8]
gtk_file_chooser_button_new_with_dialog [Gtk 2.8]	gtk_file_chooser_button_set_title [Gtk 2.8]
gtk_file_chooser_button_set_width_chars [Gtk 2.8]	gtk_file_chooser_dialog_get_type [Gobject 2.8]
gtk_file_chooser_dialog_new [Gtk 2.8]	gtk_file_chooser_dialog_new_with_backend [Gtk 2.8]
gtk_file_chooser_error_get_type [Gobject 2.8]	gtk_file_chooser_error_quark [Gtk 2.8]
gtk_file_chooser_get_action [Gtk 2.8]	gtk_file_chooser_get_current_folder [Gtk 2.8]
gtk_file_chooser_get_current_folder_uri [Gtk 2.8]	gtk_file_chooser_get_do_overwrite_confirmation [Gtk 2.8]
gtk_file_chooser_get_extra_widget [Gtk 2.8]	gtk_file_chooser_get_filename [Gtk 2.8]
gtk_file_chooser_get_filenames [Gtk 2.8]	gtk_file_chooser_get_filter [Gtk 2.8]
gtk_file_chooser_get_local_only [Gtk 2.8]	gtk_file_chooser_get_preview_filename [Gtk 2.8]
gtk_file_chooser_get_preview_uri [Gtk 2.8]	gtk_file_chooser_get_preview_widget [Gtk 2.8]
gtk_file_chooser_get_preview_widget_active [Gtk 2.8]	gtk_file_chooser_get_select_multiple [Gtk 2.8]
gtk_file_chooser_get_show_hidden [Gtk 2.8]	gtk_file_chooser_get_type [Gobject 2.8]
gtk_file_chooser_get_uri [Gtk 2.8]	gtk_file_chooser_get_uris [Gtk 2.8]
gtk_file_chooser_get_use_preview_l	gtk_file_chooser_list_filters [Gtk 2.8]

© 2008 Linux Foundation

abel [Gtk 2.8]	
gtk_file_chooser_list_shortcut_folder_uris [Gtk 2.8]	gtk_file_chooser_list_shortcut_folders [Gtk 2.8]
gtk_file_chooser_remove_filter [Gtk 2.8]	gtk_file_chooser_remove_shortcut_folder [Gtk 2.8]
gtk_file_chooser_remove_shortcut_folder_uri [Gtk 2.8]	gtk_file_chooser_select_all [Gtk 2.8]
gtk_file_chooser_select_filename [Gtk 2.8]	gtk_file_chooser_select_uri [Gtk 2.8]
gtk_file_chooser_set_action [Gtk 2.8]	gtk_file_chooser_set_current_folder [Gtk 2.8]
gtk_file_chooser_set_current_folder_uri [Gtk 2.8]	gtk_file_chooser_set_current_name [Gtk 2.8]
gtk_file_chooser_set_do_overwrite_confirmation [Gtk 2.8]	gtk_file_chooser_set_extra_widget [Gtk 2.8]
gtk_file_chooser_set_filename [Gtk 2.8]	gtk_file_chooser_set_filter [Gtk 2.8]
gtk_file_chooser_set_local_only [Gtk 2.8]	gtk_file_chooser_set_preview_widget [Gtk 2.8]
gtk_file_chooser_set_preview_widget_active [Gtk 2.8]	gtk_file_chooser_set_select_multiple [Gtk 2.8]
gtk_file_chooser_set_show_hidden [Gtk 2.8]	gtk_file_chooser_set_uri [Gtk 2.8]
gtk_file_chooser_set_use_preview_label [Gtk 2.8]	gtk_file_chooser_unselect_all [Gtk 2.8]
gtk_file_chooser_unselect_filename [Gtk 2.8]	gtk_file_chooser_unselect_uri [Gtk 2.8]
gtk_file_chooser_widget_get_type [Gobject 2.8]	gtk_file_chooser_widget_new [Gtk 2.8]
gtk_file_chooser_widget_new_with_backend [Gtk 2.8]	gtk_file_filter_add_custom [Gtk 2.8]
gtk_file_filter_add_mime_type [Gtk 2.8]	gtk_file_filter_add_pattern [Gtk 2.8]
gtk_file_filter_add_pixbuf_formats [Gtk 2.8]	gtk_file_filter_filter [Gtk 2.8]
gtk_file_filter_flags_get_type [Gobject 2.8]	gtk_file_filter_get_name [Gtk 2.8]
gtk_file_filter_get_needed [Gtk 2.8]	gtk_file_filter_get_type [Gobject 2.8]
gtk_file_filter_new [Gtk 2.8]	gtk_file_filter_set_name [Gtk 2.8]
gtk_file_selection_complete [Gtk 2.8]	gtk_file_selection_get_filename [Gtk 2.8]
gtk_file_selection_get_select_multiple [Gtk 2.8]	gtk_file_selection_get_selections [Gtk 2.8]
gtk_file_selection_get_type [Gobject 2.8]	gtk_file_selection_hide_fileop_buttons [Gtk 2.8]

gtk_file_selection_new [Gtk 2.8]	gtk_file_selection_set_filename [Gtk 2.8]
gtk_file_selection_set_select_multiple [Gtk 2.8]	gtk_file_selection_show_fileop_buttons [Gtk 2.8]
gtk_fixed_get_has_window [Gtk 2.8]	gtk_fixed_get_type [Gobject 2.8]
gtk_fixed_move [Gtk 2.8]	gtk_fixed_new [Gtk 2.8]
gtk_fixed_put [Gtk 2.8]	gtk_fixed_set_has_window [Gtk 2.8]
gtk_font_button_get_font_name [Gtk 2.8]	gtk_font_button_get_show_size [Gtk 2.8]
gtk_font_button_get_show_style [Gtk 2.8]	gtk_font_button_get_title [Gtk 2.8]
gtk_font_button_get_type [Gobject 2.8]	gtk_font_button_get_use_font [Gtk 2.8]
gtk_font_button_get_use_size [Gtk 2.8]	gtk_font_button_new [Gtk 2.8]
gtk_font_button_new_with_font [Gtk 2.8]	gtk_font_button_set_font_name [Gtk 2.8]
gtk_font_button_set_show_size [Gtk 2.8]	gtk_font_button_set_show_style [Gtk 2.8]
gtk_font_button_set_title [Gtk 2.8]	gtk_font_button_set_use_font [Gtk 2.8]
gtk_font_button_set_use_size [Gtk 2.8]	gtk_font_selection_dialog_get_font_name [Gtk 2.8]
gtk_font_selection_dialog_get_preview_text [Gtk 2.8]	gtk_font_selection_dialog_get_type [Gobject 2.8]
gtk_font_selection_dialog_new [Gtk 2.8]	gtk_font_selection_dialog_set_font_name [Gtk 2.8]
gtk_font_selection_dialog_set_preview_text [Gtk 2.8]	gtk_font_selection_get_font_name [Gtk 2.8]
gtk_font_selection_get_preview_text [Gtk 2.8]	gtk_font_selection_get_type [Gobject 2.8]
gtk_font_selection_new [Gtk 2.8]	gtk_font_selection_set_font_name [Gtk 2.8]
gtk_font_selection_set_preview_text [Gtk 2.8]	gtk_frame_get_label [Gtk 2.8]
gtk_frame_get_label_align [Gtk 2.8]	gtk_frame_get_label_widget [Gtk 2.8]
gtk_frame_get_shadow_type [Gtk 2.8]	gtk_frame_get_type [Gobject 2.8]
gtk_frame_new [Gtk 2.8]	gtk_frame_set_label [Gtk 2.8]
gtk_frame_set_label_align [Gtk 2.8]	gtk_frame_set_label_widget [Gtk 2.8]
gtk_frame_set_shadow_type [Gtk 2.8]	gtk_gamma_curve_get_type [Gobject 2.8]
gtk_gamma_curve_new [Gtk 2.8]	gtk_gc_get [Gtk 2.8]

© 2008 Linux Foundation

gtk_gc_release [Gtk 2.8]	gtk_get_current_event [Gtk 2.8]
gtk_get_current_event_state [Gtk 2.8]	gtk_get_current_event_time [Gtk 2.8]
gtk_get_default_language [Gtk 2.8]	gtk_get_event_widget [Gtk 2.8]
gtk_get_option_group [Gtk 2.8]	gtk_grab_add [Gtk 2.8]
gtk_grab_get_current [Gtk 2.8]	gtk_grab_remove [Gtk 2.8]
gtk_handle_box_get_handle_positio n [Gtk 2.8]	gtk_handle_box_get_shadow_type [Gtk 2.8]
gtk_handle_box_get_snap_edge [Gtk 2.8]	gtk_handle_box_get_type [Gobject 2.8]
gtk_handle_box_new [Gtk 2.8]	gtk_handle_box_set_handle_position [Gtk 2.8]
gtk_handle_box_set_shadow_type [Gtk 2.8]	gtk_handle_box_set_snap_edge [Gtk 2.8]
gtk_hbox_get_type [Gobject 2.8]	gtk_hbox_new [Gtk 2.8]
gtk_hbutton_box_get_type [Gobject 2.8]	gtk_hbutton_box_new [Gtk 2.8]
gtk_hpaned_get_type [Gobject 2.8]	gtk_hpaned_new [Gtk 2.8]
gtk_hruler_get_type [Gobject 2.8]	gtk_hruler_new [Gtk 2.8]
gtk_hscale_get_type [Gobject 2.8]	gtk_hscale_new [Gtk 2.8]
gtk_hscale_new_with_range [Gtk 2.8]	gtk_hscrollbar_get_type [Gobject 2.8]
gtk_hscrollbar_new [Gtk 2.8]	gtk_hseparator_get_type [Gobject 2.8]
gtk_hseparator_new [Gtk 2.8]	gtk_icon_factory_add [Gtk 2.8]
gtk_icon_factory_add_default [Gtk 2.8]	gtk_icon_factory_get_type [Gobject 2.8]
gtk_icon_factory_lookup [Gtk 2.8]	gtk_icon_factory_lookup_default [Gtk 2.8]
gtk_icon_factory_new [Gtk 2.8]	gtk_icon_factory_remove_default [Gtk 2.8]
gtk_icon_info_copy [Gtk 2.8]	gtk_icon_info_free [Gtk 2.8]
gtk_icon_info_get_attach_points [Gtk 2.8]	gtk_icon_info_get_base_size [Gtk 2.8]
gtk_icon_info_get_builtin_pixbuf [Gtk 2.8]	gtk_icon_info_get_display_name [Gtk 2.8]
gtk_icon_info_get_embedded_rect [Gtk 2.8]	gtk_icon_info_get_filename [Gtk 2.8]
gtk_icon_info_get_type [Gobject 2.8]	gtk_icon_info_load_icon [Gtk 2.8]
gtk_icon_info_set_raw_coordinates [Gtk 2.8]	gtk_icon_lookup_flags_get_type [Gobject 2.8]
gtk_icon_set_add_source [Gtk 2.8]	gtk_icon_set_copy [Gtk 2.8]
gtk_icon_set_get_sizes [Gtk 2.8]	gtk_icon_set_get_type [Gobject 2.8]
gtk_icon_set_new [Gtk 2.8]	gtk_icon_set_new_from_pixbuf [Gtk

	2.8]
gtk_icon_set_ref [Gtk 2.8]	gtk_icon_set_render_icon [Gtk 2.8]
gtk_icon_set_unref [Gtk 2.8]	gtk_icon_size_from_name [Gtk 2.8]
gtk_icon_size_get_name [Gtk 2.8]	gtk_icon_size_get_type [Gobject 2.8]
gtk_icon_size_lookup [Gtk 2.8]	gtk_icon_size_lookup_for_settings [Gtk 2.8]
gtk_icon_size_register [Gtk 2.8]	gtk_icon_size_register_alias [Gtk 2.8]
gtk_icon_source_copy [Gtk 2.8]	gtk_icon_source_free [Gtk 2.8]
gtk_icon_source_get_direction [Gtk 2.8]	gtk_icon_source_get_direction_wildcarded [Gtk 2.8]
gtk_icon_source_get_filename [Gtk 2.8]	gtk_icon_source_get_icon_name [Gtk 2.8]
gtk_icon_source_get_pixbuf [Gtk 2.8]	gtk_icon_source_get_size [Gtk 2.8]
gtk_icon_source_get_size_wildcarded [Gtk 2.8]	gtk_icon_source_get_state [Gtk 2.8]
gtk_icon_source_get_state_wildcarded [Gtk 2.8]	gtk_icon_source_get_type [Gobject 2.8]
gtk_icon_source_new [Gtk 2.8]	gtk_icon_source_set_direction [Gtk 2.8]
gtk_icon_source_set_direction_wildcarded [Gtk 2.8]	gtk_icon_source_set_filename [Gtk 2.8]
gtk_icon_source_set_icon_name [Gtk 2.8]	gtk_icon_source_set_pixbuf [Gtk 2.8]
gtk_icon_source_set_size [Gtk 2.8]	gtk_icon_source_set_size_wildcarded [Gtk 2.8]
gtk_icon_source_set_state [Gtk 2.8]	gtk_icon_source_set_state_wildcarded [Gtk 2.8]
gtk_icon_theme_add_builtin_icon [Gtk 2.8]	gtk_icon_theme_append_search_path [Gtk 2.8]
gtk_icon_theme_error_get_type [Gobject 2.8]	gtk_icon_theme_error_quark [Gtk 2.8]
gtk_icon_theme_get_default [Gtk 2.8]	gtk_icon_theme_get_example_icon_name [Gtk 2.8]
gtk_icon_theme_get_for_screen [Gtk 2.8]	gtk_icon_theme_get_icon_sizes [Gtk 2.8]
gtk_icon_theme_get_search_path [Gtk 2.8]	gtk_icon_theme_get_type [Gobject 2.8]
gtk_icon_theme_has_icon [Gtk 2.8]	gtk_icon_theme_list_icons [Gtk 2.8]
gtk_icon_theme_load_icon [Gtk 2.8]	gtk_icon_theme_lookup_icon [Gtk 2.8]
gtk_icon_theme_new [Gtk 2.8]	gtk_icon_theme_prepend_search_path [Gtk 2.8]
gtk_icon_theme_rescan_if_needed [Gtk 2.8]	gtk_icon_theme_set_custom_theme [Gtk 2.8]

© 2008 Linux Foundation

gtk_icon_theme_set_screen [Gtk 2.8]	gtk_icon_theme_set_search_path [Gtk 2.8]
gtk_icon_view_create_drag_icon [Gtk 2.8]	gtk_icon_view_enable_model_drag_dest [Gtk 2.8]
gtk_icon_view_enable_model_drag_source [Gtk 2.8]	gtk_icon_view_get_column_spacing [Gtk 2.8]
gtk_icon_view_get_columns [Gtk 2.8]	gtk_icon_view_get_cursor [Gtk 2.8]
gtk_icon_view_get_dest_item_at_pos [Gtk 2.8]	gtk_icon_view_get_drag_dest_item [Gtk 2.8]
gtk_icon_view_get_item_at_pos [Gtk 2.8]	gtk_icon_view_get_item_width [Gtk 2.8]
gtk_icon_view_get_margin [Gtk 2.8]	gtk_icon_view_get_markup_column [Gtk 2.8]
gtk_icon_view_get_model [Gtk 2.8]	gtk_icon_view_get_orientation [Gtk 2.8]
gtk_icon_view_get_path_at_pos [Gtk 2.8]	gtk_icon_view_get_pixbuf_column [Gtk 2.8]
gtk_icon_view_get_reorderable [Gtk 2.8]	gtk_icon_view_get_row_spacing [Gtk 2.8]
gtk_icon_view_get_selected_items [Gtk 2.8]	gtk_icon_view_get_selection_mode [Gtk 2.8]
gtk_icon_view_get_spacing [Gtk 2.8]	gtk_icon_view_get_text_column [Gtk 2.8]
gtk_icon_view_get_type [Gobject 2.8]	gtk_icon_view_get_visible_range [Gtk 2.8]
gtk_icon_view_item_activated [Gtk 2.8]	gtk_icon_view_new [Gtk 2.8]
gtk_icon_view_new_with_model [Gtk 2.8]	gtk_icon_view_path_is_selected [Gtk 2.8]
gtk_icon_view_scroll_to_path [Gtk 2.8]	gtk_icon_view_select_all [Gtk 2.8]
gtk_icon_view_select_path [Gtk 2.8]	gtk_icon_view_selected_foreach [Gtk 2.8]
gtk_icon_view_set_column_spacing [Gtk 2.8]	gtk_icon_view_set_columns [Gtk 2.8]
gtk_icon_view_set_cursor [Gtk 2.8]	gtk_icon_view_set_drag_dest_item [Gtk 2.8]
gtk_icon_view_set_item_width [Gtk 2.8]	gtk_icon_view_set_margin [Gtk 2.8]
gtk_icon_view_set_markup_column [Gtk 2.8]	gtk_icon_view_set_model [Gtk 2.8]
gtk_icon_view_set_orientation [Gtk 2.8]	gtk_icon_view_set_pixbuf_column [Gtk 2.8]
gtk_icon_view_set_reorderable [Gtk 2.8]	gtk_icon_view_set_row_spacing [Gtk 2.8]

gtk_icon_view_set_selection_mode [Gtk 2.8]	gtk_icon_view_set_spacing [Gtk 2.8]
gtk_icon_view_set_text_column [Gtk 2.8]	gtk_icon_view_unselect_all [Gtk 2.8]
gtk_icon_view_unselect_path [Gtk 2.8]	gtk_icon_view_unset_model_drag_dest [Gtk 2.8]
gtk_icon_view_unset_model_drag_source [Gtk 2.8]	gtk_identifier_get_type [Gobject 2.8]
gtk_im_context_delete_surrounding [Gtk 2.8]	gtk_im_context_filter_keypress [Gtk 2.8]
gtk_im_context_focus_in [Gtk 2.8]	gtk_im_context_focus_out [Gtk 2.8]
gtk_im_context_get_preedit_string [Gtk 2.8]	gtk_im_context_get_surrounding [Gtk 2.8]
gtk_im_context_get_type [Gobject 2.8]	gtk_im_context_reset [Gtk 2.8]
gtk_im_context_set_client_window [Gtk 2.8]	gtk_im_context_set_cursor_location [Gtk 2.8]
gtk_im_context_set_surrounding [Gtk 2.8]	gtk_im_context_set_use_preedit [Gtk 2.8]
gtk_im_context_simple_add_table [Gtk 2.8]	gtk_im_context_simple_get_type [Gobject 2.8]
gtk_im_context_simple_new [Gtk 2.8]	gtk_im_multicontext_append_menuitems [Gtk 2.8]
gtk_im_multicontext_get_type [Gobject 2.8]	gtk_im_multicontext_new [Gtk 2.8]
gtk_im_preedit_style_get_type [Gobject 2.8]	gtk_im_status_style_get_type [Gobject 2.8]
gtk_image_clear [Gtk 2.8]	gtk_image_get_animation [Gtk 2.8]
gtk_image_get_icon_name [Gtk 2.8]	gtk_image_get_icon_set [Gtk 2.8]
gtk_image_get_image [Gtk 2.8]	gtk_image_get_pixbuf [Gtk 2.8]
gtk_image_get_pixel_size [Gtk 2.8]	gtk_image_get_pixmap [Gtk 2.8]
gtk_image_get_stock [Gtk 2.8]	gtk_image_get_storage_type [Gtk 2.8]
gtk_image_get_type [Gobject 2.8]	gtk_image_menu_item_get_image [Gtk 2.8]
gtk_image_menu_item_get_type [Gobject 2.8]	gtk_image_menu_item_new [Gtk 2.8]
gtk_image_menu_item_new_from_stock [Gtk 2.8]	gtk_image_menu_item_new_with_label [Gtk 2.8]
gtk_image_menu_item_new_with_mnemonic [Gtk 2.8]	gtk_image_menu_item_set_image [Gtk 2.8]
gtk_image_new [Gtk 2.8]	gtk_image_new_from_animation [Gtk 2.8]
gtk_image_new_from_file [Gtk 2.8]	gtk_image_new_from_icon_name [Gtk 2.8]

© 2008 Linux Foundation

gtk_image_new_from_icon_set [Gtk 2.8]	gtk_image_new_from_image [Gtk 2.8]
gtk_image_new_from_pixbuf [Gtk 2.8]	gtk_image_new_from_pixmap [Gtk 2.8]
gtk_image_new_from_stock [Gtk 2.8]	gtk_image_set_from_animation [Gtk 2.8]
gtk_image_set_from_file [Gtk 2.8]	gtk_image_set_from_icon_name [Gtk 2.8]
gtk_image_set_from_icon_set [Gtk 2.8]	gtk_image_set_from_image [Gtk 2.8]
gtk_image_set_from_pixbuf [Gtk 2.8]	gtk_image_set_from_pixmap [Gtk 2.8]
gtk_image_set_from_stock [Gtk 2.8]	gtk_image_set_pixel_size [Gtk 2.8]
gtk_image_type_get_type [Gobject 2.8]	gtk_init [Gtk 2.8]
gtk_init_add [Gtk 2.8]	gtk_init_check [Gtk 2.8]
gtk_init_with_args [Gtk 2.8]	gtk_input_dialog_get_type [Gobject 2.8]
gtk_input_dialog_new [Gtk 2.8]	gtk_invisible_get_screen [Gtk 2.8]
gtk_invisible_get_type [Gobject 2.8]	gtk_invisible_new [Gtk 2.8]
gtk_invisible_new_for_screen [Gtk 2.8]	gtk_invisible_set_screen [Gtk 2.8]
gtk_item_deselect [Gtk 2.8]	gtk_item_get_type [Gobject 2.8]
gtk_item_select [Gtk 2.8]	gtk_item_toggle [Gtk 2.8]
gtk_justification_get_type [Gobject 2.8]	gtk_key_snooper_install [Gtk 2.8]
gtk_key_snooper_remove [Gtk 2.8]	gtk_label_get_angle [Gtk 2.8]
gtk_label_get_attributes [Gtk 2.8]	gtk_label_get_ellipsize [Gtk 2.8]
gtk_label_get_justify [Gtk 2.8]	gtk_label_get_label [Gtk 2.8]
gtk_label_get_layout [Gtk 2.8]	gtk_label_get_layout_offsets [Gtk 2.8]
gtk_label_get_line_wrap [Gtk 2.8]	gtk_label_get_max_width_chars [Gtk 2.8]
gtk_label_get_mnemonic_keyval [Gtk 2.8]	gtk_label_get_mnemonic_widget [Gtk 2.8]
gtk_label_get_selectable [Gtk 2.8]	gtk_label_get_selection_bounds [Gtk 2.8]
gtk_label_get_single_line_mode [Gtk 2.8]	gtk_label_get_text [Gtk 2.8]
gtk_label_get_type [Gobject 2.8]	gtk_label_get_use_markup [Gtk 2.8]
gtk_label_get_use_underline [Gtk 2.8]	gtk_label_get_width_chars [Gtk 2.8]
gtk_label_new [Gtk 2.8]	gtk_label_new_with_mnemonic [Gtk 2.8]

gtk_label_select_region [Gtk 2.8]	gtk_label_set_angle [Gtk 2.8]
gtk_label_set_attributes [Gtk 2.8]	gtk_label_set_ellipsize [Gtk 2.8]
gtk_label_set_justify [Gtk 2.8]	gtk_label_set_label [Gtk 2.8]
gtk_label_set_line_wrap [Gtk 2.8]	gtk_label_set_markup [Gtk 2.8]
gtk_label_set_markup_with_mnemonic [Gtk 2.8]	gtk_label_set_max_width_chars [Gtk 2.8]
gtk_label_set_mnemonic_widget [Gtk 2.8]	gtk_label_set_pattern [Gtk 2.8]
gtk_label_set_selectable [Gtk 2.8]	gtk_label_set_single_line_mode [Gtk 2.8]
gtk_label_set_text [Gtk 2.8]	gtk_label_set_text_with_mnemonic [Gtk 2.8]
gtk_label_set_use_markup [Gtk 2.8]	gtk_label_set_use_underline [Gtk 2.8]
gtk_label_set_width_chars [Gtk 2.8]	gtk_layout_get_hadjustment [Gtk 2.8]
gtk_layout_get_size [Gtk 2.8]	gtk_layout_get_type [Gobject 2.8]
gtk_layout_get_vadjustment [Gtk 2.8]	gtk_layout_move [Gtk 2.8]
gtk_layout_new [Gtk 2.8]	gtk_layout_put [Gtk 2.8]
gtk_layout_set_hadjustment [Gtk 2.8]	gtk_layout_set_size [Gtk 2.8]
gtk_layout_set_vadjustment [Gtk 2.8]	gtk_list_store_append [Gtk 2.8]
gtk_list_store_clear [Gtk 2.8]	gtk_list_store_get_type [Gobject 2.8]
gtk_list_store_insert [Gtk 2.8]	gtk_list_store_insert_after [Gtk 2.8]
gtk_list_store_insert_before [Gtk 2.8]	gtk_list_store_insert_with_values [Gtk 2.8]
gtk_list_store_insert_with_valuesv [Gtk 2.8]	gtk_list_store_iter_is_valid [Gtk 2.8]
gtk_list_store_move_after [Gtk 2.8]	gtk_list_store_move_before [Gtk 2.8]
gtk_list_store_new [Gtk 2.8]	gtk_list_store_newv [Gtk 2.8]
gtk_list_store_prepend [Gtk 2.8]	gtk_list_store_remove [Gtk 2.8]
gtk_list_store_reorder [Gtk 2.8]	gtk_list_store_set [Gtk 2.8]
gtk_list_store_set_column_types [Gtk 2.8]	gtk_list_store_set_valist [Gtk 2.8]
gtk_list_store_set_value [Gtk 2.8]	gtk_list_store_swap [Gtk 2.8]
gtk_main [Gtk 2.8]	gtk_main_do_event [Gtk 2.8]
gtk_main_iteration [Gtk 2.8]	gtk_main_iteration_do [Gtk 2.8]
gtk_main_level [Gtk 2.8]	gtk_main_quit [Gtk 2.8]
gtk_match_type_get_type [Gobject 2.8]	gtk_menu_attach [Gtk 2.8]
gtk_menu_attach_to_widget [Gtk	gtk_menu_bar_get_child_pack_direc

© 2008 Linux Foundation

2.8]	tion [Gtk 2.8]
gtk_menu_bar_get_pack_direction [Gtk 2.8]	gtk_menu_bar_get_type [Gobject 2.8]
gtk_menu_bar_new [Gtk 2.8]	gtk_menu_bar_set_child_pack_direction [Gtk 2.8]
gtk_menu_bar_set_pack_direction [Gtk 2.8]	gtk_menu_detach [Gtk 2.8]
gtk_menu_direction_type_get_type [Gobject 2.8]	gtk_menu_get_accel_group [Gtk 2.8]
gtk_menu_get_active [Gtk 2.8]	gtk_menu_get_attach_widget [Gtk 2.8]
gtk_menu_get_for_attach_widget [Gtk 2.8]	gtk_menu_get_tearoff_state [Gtk 2.8]
gtk_menu_get_title [Gtk 2.8]	gtk_menu_get_type [Gobject 2.8]
gtk_menu_item_activate [Gtk 2.8]	gtk_menu_item_deselect [Gtk 2.8]
gtk_menu_item_get_right_justified [Gtk 2.8]	gtk_menu_item_get_submenu [Gtk 2.8]
gtk_menu_item_get_type [Gobject 2.8]	gtk_menu_item_new [Gtk 2.8]
gtk_menu_item_new_with_label [Gtk 2.8]	gtk_menu_item_new_with_mnemonic [Gtk 2.8]
gtk_menu_item_remove_submenu [Gtk 2.8]	gtk_menu_item_select [Gtk 2.8]
gtk_menu_item_set_accel_path [Gtk 2.8]	gtk_menu_item_set_right_justified [Gtk 2.8]
gtk_menu_item_set_submenu [Gtk 2.8]	gtk_menu_item_toggle_size_allocate [Gtk 2.8]
gtk_menu_item_toggle_size_request [Gtk 2.8]	gtk_menu_new [Gtk 2.8]
gtk_menu_popdown [Gtk 2.8]	gtk_menu_popup [Gtk 2.8]
gtk_menu_reorder_child [Gtk 2.8]	gtk_menu_reposition [Gtk 2.8]
gtk_menu_set_accel_group [Gtk 2.8]	gtk_menu_set_accel_path [Gtk 2.8]
gtk_menu_set_active [Gtk 2.8]	gtk_menu_set_monitor [Gtk 2.8]
gtk_menu_set_screen [Gtk 2.8]	gtk_menu_set_tearoff_state [Gtk 2.8]
gtk_menu_set_title [Gtk 2.8]	gtk_menu_shell_activate_item [Gtk 2.8]
gtk_menu_shell_append [Gtk 2.8]	gtk_menu_shell_cancel [Gtk 2.8]
gtk_menu_shell_deactivate [Gtk 2.8]	gtk_menu_shell_deselect [Gtk 2.8]
gtk_menu_shell_get_take_focus [Gtk 2.8]	gtk_menu_shell_get_type [Gobject 2.8]
gtk_menu_shell_insert [Gtk 2.8]	gtk_menu_shell_prepend [Gtk 2.8]
gtk_menu_shell_select_first [Gtk 2.8]	gtk_menu_shell_select_item [Gtk 2.8]
gtk_menu_shell_set_take_focus [Gtk	gtk_menu_tool_button_get_menu

2.8]	[Gtk 2.8]
gtk_menu_tool_button_get_type [Gobject 2.8]	gtk_menu_tool_button_new [Gtk 2.8]
gtk_menu_tool_button_new_from_stock [Gtk 2.8]	gtk_menu_tool_button_set_arrow_tooltip [Gtk 2.8]
gtk_menu_tool_button_set_menu [Gtk 2.8]	gtk_message_dialog_format_secondary_markup [Gtk 2.8]
gtk_message_dialog_format_secondary_text [Gtk 2.8]	gtk_message_dialog_get_type [Gobject 2.8]
gtk_message_dialog_new [Gtk 2.8]	gtk_message_dialog_new_with_markup [Gtk 2.8]
gtk_message_dialog_set_markup [Gtk 2.8]	gtk_message_type_get_type [Gobject 2.8]
gtk_metric_type_get_type [Gobject 2.8]	gtk_misc_get_alignment [Gtk 2.8]
gtk_misc_get_padding [Gtk 2.8]	gtk_misc_get_type [Gobject 2.8]
gtk_misc_set_alignment [Gtk 2.8]	gtk_misc_set_padding [Gtk 2.8]
gtk_movement_step_get_type [Gobject 2.8]	gtk_notebook_append_page [Gtk 2.8]
gtk_notebook_append_page_menu [Gtk 2.8]	gtk_notebook_get_current_page [Gtk 2.8]
gtk_notebook_get_menu_label [Gtk 2.8]	gtk_notebook_get_menu_label_text [Gtk 2.8]
gtk_notebook_get_n_pages [Gtk 2.8]	gtk_notebook_get_nth_page [Gtk 2.8]
gtk_notebook_get_scrollable [Gtk 2.8]	gtk_notebook_get_show_border [Gtk 2.8]
gtk_notebook_get_show_tabs [Gtk 2.8]	gtk_notebook_get_tab_label [Gtk 2.8]
gtk_notebook_get_tab_label_text [Gtk 2.8]	gtk_notebook_get_tab_pos [Gtk 2.8]
gtk_notebook_get_type [Gobject 2.8]	gtk_notebook_insert_page [Gtk 2.8]
gtk_notebook_insert_page_menu [Gtk 2.8]	gtk_notebook_new [Gtk 2.8]
gtk_notebook_next_page [Gtk 2.8]	gtk_notebook_page_num [Gtk 2.8]
gtk_notebook_popup_disable [Gtk 2.8]	gtk_notebook_popup_enable [Gtk 2.8]
gtk_notebook_prepend_page [Gtk 2.8]	gtk_notebook_prepend_page_menu [Gtk 2.8]
gtk_notebook_prev_page [Gtk 2.8]	gtk_notebook_query_tab_label_packing [Gtk 2.8]
gtk_notebook_remove_page [Gtk 2.8]	gtk_notebook_reorder_child [Gtk 2.8]
gtk_notebook_set_current_page [Gtk 2.8]	gtk_notebook_set_menu_label [Gtk 2.8]

© 2008 Linux Foundation

gtk_notebook_set_menu_label_text [Gtk 2.8]	gtk_notebook_set_scrollable [Gtk 2.8]
gtk_notebook_set_show_border [Gtk 2.8]	gtk_notebook_set_show_tabs [Gtk 2.8]
gtk_notebook_set_tab_label [Gtk 2.8]	gtk_notebook_set_tab_label_packing [Gtk 2.8]
gtk_notebook_set_tab_label_text [Gtk 2.8]	gtk_notebook_set_tab_pos [Gtk 2.8]
gtk_notebook_tab_get_type [Gobject 2.8]	gtk_object_destroy [Gtk 2.8]
gtk_object_flags_get_type [Gobject 2.8]	gtk_object_get_type [Gobject 2.8]
gtk_object_sink [Gtk 2.8]	gtk_orientation_get_type [Gobject 2.8]
gtk_pack_direction_get_type [Gobject 2.8]	gtk_pack_type_get_type [Gobject 2.8]
gtk_paint_arrow [Gtk 2.8]	gtk_paint_box [Gtk 2.8]
gtk_paint_box_gap [Gtk 2.8]	gtk_paint_check [Gtk 2.8]
gtk_paint_diamond [Gtk 2.8]	gtk_paint_expander [Gtk 2.8]
gtk_paint_extension [Gtk 2.8]	gtk_paint_flat_box [Gtk 2.8]
gtk_paint_focus [Gtk 2.8]	gtk_paint_handle [Gtk 2.8]
gtk_paint_hline [Gtk 2.8]	gtk_paint_layout [Gtk 2.8]
gtk_paint_option [Gtk 2.8]	gtk_paint_polygon [Gtk 2.8]
gtk_paint_resize_grip [Gtk 2.8]	gtk_paint_shadow [Gtk 2.8]
gtk_paint_shadow_gap [Gtk 2.8]	gtk_paint_slider [Gtk 2.8]
gtk_paint_tab [Gtk 2.8]	gtk_paint_vline [Gtk 2.8]
gtk_paned_add1 [Gtk 2.8]	gtk_paned_add2 [Gtk 2.8]
gtk_paned_get_child1 [Gtk 2.8]	gtk_paned_get_child2 [Gtk 2.8]
gtk_paned_get_position [Gtk 2.8]	gtk_paned_get_type [Gobject 2.8]
gtk_paned_pack1 [Gtk 2.8]	gtk_paned_pack2 [Gtk 2.8]
gtk_paned_set_position [Gtk 2.8]	gtk_parse_args [Gtk 2.8]
gtk_path_priority_type_get_type [Gobject 2.8]	gtk_path_type_get_type [Gobject 2.8]
gtk_plug_construct [Gtk 2.8]	gtk_plug_construct_for_display [Gtk 2.8]
gtk_plug_get_id [Gtk 2.8]	gtk_plug_get_type [Gobject 2.8]
gtk_plug_new [Gtk 2.8]	gtk_plug_new_for_display [Gtk 2.8]
gtk_policy_type_get_type [Gobject 2.8]	gtk_position_type_get_type [Gobject 2.8]
gtk_progress_bar_get_ellipsize [Gtk 2.8]	gtk_progress_bar_get_fraction [Gtk 2.8]
gtk_progress_bar_get_orientation [Gtk 2.8]	gtk_progress_bar_get_pulse_step [Gtk 2.8]

gtk_progress_bar_get_text [Gtk 2.8]	gtk_progress_bar_get_type [Gobject 2.8]
gtk_progress_bar_new [Gtk 2.8]	gtk_progress_bar_orientation_get_type [Gobject 2.8]
gtk_progress_bar_pulse [Gtk 2.8]	gtk_progress_bar_set_ellipsize [Gtk 2.8]
gtk_progress_bar_set_fraction [Gtk 2.8]	gtk_progress_bar_set_orientation [Gtk 2.8]
gtk_progress_bar_set_pulse_step [Gtk 2.8]	gtk_progress_bar_set_text [Gtk 2.8]
gtk_progress_bar_style_get_type [Gobject 2.8]	gtk_propagate_event [Gtk 2.8]
gtk_quit_add [Gtk 2.8]	gtk_quit_add_destroy [Gtk 2.8]
gtk_quit_add_full [Gtk 2.8]	gtk_quit_remove [Gtk 2.8]
gtk_quit_remove_by_data [Gtk 2.8]	gtk_radio_action_get_current_value [Gtk 2.8]
gtk_radio_action_get_group [Gtk 2.8]	gtk_radio_action_get_type [Gobject 2.8]
gtk_radio_action_new [Gtk 2.8]	gtk_radio_action_set_group [Gtk 2.8]
gtk_radio_button_get_group [Gtk 2.8]	gtk_radio_button_get_type [Gobject 2.8]
gtk_radio_button_new [Gtk 2.8]	gtk_radio_button_new_from_widget [Gtk 2.8]
gtk_radio_button_new_with_label [Gtk 2.8]	gtk_radio_button_new_with_label_from_widget [Gtk 2.8]
gtk_radio_button_new_with_mnemonic [Gtk 2.8]	gtk_radio_button_new_with_mnemonic_from_widget [Gtk 2.8]
gtk_radio_button_set_group [Gtk 2.8]	gtk_radio_menu_item_get_group [Gtk 2.8]
gtk_radio_menu_item_get_type [Gobject 2.8]	gtk_radio_menu_item_new [Gtk 2.8]
gtk_radio_menu_item_new_from_widget [Gtk 2.8]	gtk_radio_menu_item_new_with_label [Gtk 2.8]
gtk_radio_menu_item_new_with_label_from_widget [Gtk 2.8]	gtk_radio_menu_item_new_with_mnemonic [Gtk 2.8]
gtk_radio_menu_item_new_with_mnemonic_from_widget [Gtk 2.8]	gtk_radio_menu_item_set_group [Gtk 2.8]
gtk_radio_tool_button_get_group [Gtk 2.8]	gtk_radio_tool_button_get_type [Gobject 2.8]
gtk_radio_tool_button_new [Gtk 2.8]	gtk_radio_tool_button_new_from_stock [Gtk 2.8]
gtk_radio_tool_button_new_from_widget [Gtk 2.8]	gtk_radio_tool_button_new_with_stock_from_widget [Gtk 2.8]
gtk_radio_tool_button_set_group [Gtk 2.8]	gtk_range_get_adjustment [Gtk 2.8]

© 2008 Linux Foundation

gtk_range_get_inverted [Gtk 2.8]	gtk_range_get_type [Gobject 2.8]
gtk_range_get_update_policy [Gtk 2.8]	gtk_range_get_value [Gtk 2.8]
gtk_range_set_adjustment [Gtk 2.8]	gtk_range_set_increments [Gtk 2.8]
gtk_range_set_inverted [Gtk 2.8]	gtk_range_set_range [Gtk 2.8]
gtk_range_set_update_policy [Gtk 2.8]	gtk_range_set_value [Gtk 2.8]
gtk_rc_add_default_file [Gtk 2.8]	gtk_rc_find_module_in_path [Gtk 2.8]
gtk_rc_find_pixmap_in_path [Gtk 2.8]	gtk_rc_flags_get_type [Gobject 2.8]
gtk_rc_get_default_files [Gtk 2.8]	gtk_rc_get_im_module_file [Gtk 2.8]
gtk_rc_get_im_module_path [Gtk 2.8]	gtk_rc_get_module_dir [Gtk 2.8]
gtk_rc_get_style [Gtk 2.8]	gtk_rc_get_style_by_paths [Gtk 2.8]
gtk_rc_get_theme_dir [Gtk 2.8]	gtk_rc_parse [Gtk 2.8]
gtk_rc_parse_color [Gtk 2.8]	gtk_rc_parse_priority [Gtk 2.8]
gtk_rc_parse_state [Gtk 2.8]	gtk_rc_parse_string [Gtk 2.8]
gtk_rc_property_parse_border [Gtk 2.8]	gtk_rc_property_parse_color [Gtk 2.8]
gtk_rc_property_parse_enum [Gtk 2.8]	gtk_rc_property_parse_flags [Gtk 2.8]
gtk_rc_property_parse_requisition [Gtk 2.8]	gtk_rc_reparse_all [Gtk 2.8]
gtk_rc_reparse_all_for_settings [Gtk 2.8]	gtk_rc_reset_styles [Gtk 2.8]
gtk_rc_scanner_new [Gtk 2.8]	gtk_rc_set_default_files [Gtk 2.8]
gtk_rc_style_copy [Gtk 2.8]	gtk_rc_style_get_type [Gobject 2.8]
gtk_rc_style_new [Gtk 2.8]	gtk_rc_style_ref [Gtk 2.8]
gtk_rc_style_unref [Gtk 2.8]	gtk_rc_token_type_get_type [Gobject 2.8]
gtk_relief_style_get_type [Gobject 2.8]	gtk_requisition_copy [Gtk 2.8]
gtk_requisition_free [Gtk 2.8]	gtk_requisition_get_type [Gobject 2.8]
gtk_resize_mode_get_type [Gobject 2.8]	gtk_response_type_get_type [Gobject 2.8]
gtk_ruler_draw_pos [Gtk 2.8]	gtk_ruler_draw_ticks [Gtk 2.8]
gtk_ruler_get_metric [Gtk 2.8]	gtk_ruler_get_range [Gtk 2.8]
gtk_ruler_get_type [Gobject 2.8]	gtk_ruler_set_metric [Gtk 2.8]
gtk_ruler_set_range [Gtk 2.8]	gtk_scale_get_digits [Gtk 2.8]
gtk_scale_get_draw_value [Gtk 2.8]	gtk_scale_get_layout [Gtk 2.8]
gtk_scale_get_layout_offsets [Gtk	gtk_scale_get_type [Gobject 2.8]

2.8]	
gtk_scale_get_value_pos [Gtk 2.8]	gtk_scale_set_digits [Gtk 2.8]
gtk_scale_set_draw_value [Gtk 2.8]	gtk_scale_set_value_pos [Gtk 2.8]
gtk_scroll_step_get_type [Gobject 2.8]	gtk_scroll_type_get_type [Gobject 2.8]
gtk_scrollbar_get_type [Gobject 2.8]	gtk_scrolled_window_add_with_viewport [Gtk 2.8]
gtk_scrolled_window_get_hadjustment [Gtk 2.8]	gtk_scrolled_window_get_hscrollbar [Gtk 2.8]
gtk_scrolled_window_get_placement [Gtk 2.8]	gtk_scrolled_window_get_policy [Gtk 2.8]
gtk_scrolled_window_get_shadow_type [Gtk 2.8]	gtk_scrolled_window_get_type [Gobject 2.8]
gtk_scrolled_window_get_vadjustment [Gtk 2.8]	gtk_scrolled_window_get_vscrollbar [Gtk 2.8]
gtk_scrolled_window_new [Gtk 2.8]	gtk_scrolled_window_set_hadjustment [Gtk 2.8]
gtk_scrolled_window_set_placement [Gtk 2.8]	gtk_scrolled_window_set_policy [Gtk 2.8]
gtk_scrolled_window_set_shadow_type [Gtk 2.8]	gtk_scrolled_window_set_vadjustment [Gtk 2.8]
gtk_selection_add_target [Gtk 2.8]	gtk_selection_add_targets [Gtk 2.8]
gtk_selection_clear_targets [Gtk 2.8]	gtk_selection_convert [Gtk 2.8]
gtk_selection_data_copy [Gtk 2.8]	gtk_selection_data_free [Gtk 2.8]
gtk_selection_data_get_pixbuf [Gtk 2.8]	gtk_selection_data_get_targets [Gtk 2.8]
gtk_selection_data_get_text [Gtk 2.8]	gtk_selection_data_get_type [Gobject 2.8]
gtk_selection_data_get_uris [Gtk 2.8]	gtk_selection_data_set [Gtk 2.8]
gtk_selection_data_set_pixbuf [Gtk 2.8]	gtk_selection_data_set_text [Gtk 2.8]
gtk_selection_data_set_uris [Gtk 2.8]	gtk_selection_data_targets_include_image [Gtk 2.8]
gtk_selection_data_targets_include_text [Gtk 2.8]	gtk_selection_mode_get_type [Gobject 2.8]
gtk_selection_owner_set [Gtk 2.8]	gtk_selection_owner_set_for_display [Gtk 2.8]
gtk_selection_remove_all [Gtk 2.8]	gtk_separator_get_type [Gobject 2.8]
gtk_separator_menu_item_get_type [Gobject 2.8]	gtk_separator_menu_item_new [Gtk 2.8]
gtk_separator_tool_item_get_draw [Gtk 2.8]	gtk_separator_tool_item_get_type [Gobject 2.8]
gtk_separator_tool_item_new [Gtk 2.8]	gtk_separator_tool_item_set_draw [Gtk 2.8]

© 2008 Linux Foundation

gtk_set_locale [Gtk 2.8]	gtk_settings_get_default [Gtk 2.8]
gtk_settings_get_for_screen [Gtk 2.8]	gtk_settings_get_type [Gobject 2.8]
gtk_settings_install_property [Gtk 2.8]	gtk_settings_install_property_parser [Gtk 2.8]
gtk_settings_set_double_property [Gtk 2.8]	gtk_settings_set_long_property [Gtk 2.8]
gtk_settings_set_property_value [Gtk 2.8]	gtk_settings_set_string_property [Gtk 2.8]
gtk_shadow_type_get_type [Gobject 2.8]	gtk_show_about_dialog [Gtk 2.8]
gtk_side_type_get_type [Gobject 2.8]	gtk_signal_run_type_get_type [Gobject 2.8]
gtk_size_group_add_widget [Gtk 2.8]	gtk_size_group_get_ignore_hidden [Gtk 2.8]
gtk_size_group_get_mode [Gtk 2.8]	gtk_size_group_get_type [Gobject 2.8]
gtk_size_group_mode_get_type [Gobject 2.8]	gtk_size_group_new [Gtk 2.8]
gtk_size_group_remove_widget [Gtk 2.8]	gtk_size_group_set_ignore_hidden [Gtk 2.8]
gtk_size_group_set_mode [Gtk 2.8]	gtk_socket_add_id [Gtk 2.8]
gtk_socket_get_id [Gtk 2.8]	gtk_socket_get_type [Gobject 2.8]
gtk_socket_new [Gtk 2.8]	gtk_sort_type_get_type [Gobject 2.8]
gtk_spin_button_configure [Gtk 2.8]	gtk_spin_button_get_adjustment [Gtk 2.8]
gtk_spin_button_get_digits [Gtk 2.8]	gtk_spin_button_get_increments [Gtk 2.8]
gtk_spin_button_get_numeric [Gtk 2.8]	gtk_spin_button_get_range [Gtk 2.8]
gtk_spin_button_get_snap_to_ticks [Gtk 2.8]	gtk_spin_button_get_type [Gobject 2.8]
gtk_spin_button_get_update_policy [Gtk 2.8]	gtk_spin_button_get_value [Gtk 2.8]
gtk_spin_button_get_value_as_int [Gtk 2.8]	gtk_spin_button_get_wrap [Gtk 2.8]
gtk_spin_button_new [Gtk 2.8]	gtk_spin_button_new_with_range [Gtk 2.8]
gtk_spin_button_set_adjustment [Gtk 2.8]	gtk_spin_button_set_digits [Gtk 2.8]
gtk_spin_button_set_increments [Gtk 2.8]	gtk_spin_button_set_numeric [Gtk 2.8]
gtk_spin_button_set_range [Gtk 2.8]	gtk_spin_button_set_snap_to_ticks [Gtk 2.8]
gtk_spin_button_set_update_policy [Gtk 2.8]	gtk_spin_button_set_value [Gtk 2.8]

gtk_spin_button_set_wrap [Gtk 2.8]	gtk_spin_button_spin [Gtk 2.8]
gtk_spin_button_update [Gtk 2.8]	gtk_spin_button_update_policy_get_type [Gobject 2.8]
gtk_spin_type_get_type [Gobject 2.8]	gtk_state_type_get_type [Gobject 2.8]
gtk_statusbar_get_context_id [Gtk 2.8]	gtk_statusbar_get_has_resize_grip [Gtk 2.8]
gtk_statusbar_get_type [Gobject 2.8]	gtk_statusbar_new [Gtk 2.8]
gtk_statusbar_pop [Gtk 2.8]	gtk_statusbar_push [Gtk 2.8]
gtk_statusbar_remove [Gtk 2.8]	gtk_statusbar_set_has_resize_grip [Gtk 2.8]
gtk_stock_add [Gtk 2.8]	gtk_stock_add_static [Gtk 2.8]
gtk_stock_item_copy [Gtk 2.8]	gtk_stock_item_free [Gtk 2.8]
gtk_stock_list_ids [Gtk 2.8]	gtk_stock_lookup [Gtk 2.8]
gtk_stock_set_translate_func [Gtk 2.8]	gtk_style_apply_default_background [Gtk 2.8]
gtk_style_attach [Gtk 2.8]	gtk_style_copy [Gtk 2.8]
gtk_style_detach [Gtk 2.8]	gtk_style_get_type [Gobject 2.8]
gtk_style_lookup_icon_set [Gtk 2.8]	gtk_style_new [Gtk 2.8]
gtk_style_render_icon [Gtk 2.8]	gtk_style_set_background [Gtk 2.8]
gtk_submenu_direction_get_type [Gobject 2.8]	gtk_submenu_placement_get_type [Gobject 2.8]
gtk_table_attach [Gtk 2.8]	gtk_table_attach_defaults [Gtk 2.8]
gtk_table_get_col_spacing [Gtk 2.8]	gtk_table_get_default_col_spacing [Gtk 2.8]
gtk_table_get_default_row_spacing [Gtk 2.8]	gtk_table_get_homogeneous [Gtk 2.8]
gtk_table_get_row_spacing [Gtk 2.8]	gtk_table_get_type [Gobject 2.8]
gtk_table_new [Gtk 2.8]	gtk_table_resize [Gtk 2.8]
gtk_table_set_col_spacing [Gtk 2.8]	gtk_table_set_col_spacings [Gtk 2.8]
gtk_table_set_homogeneous [Gtk 2.8]	gtk_table_set_row_spacing [Gtk 2.8]
gtk_table_set_row_spacings [Gtk 2.8]	gtk_target_flags_get_type [Gobject 2.8]
gtk_target_list_add [Gtk 2.8]	gtk_target_list_add_image_targets [Gtk 2.8]
gtk_target_list_add_table [Gtk 2.8]	gtk_target_list_add_text_targets [Gtk 2.8]
gtk_target_list_add_uri_targets [Gtk 2.8]	gtk_target_list_find [Gtk 2.8]
gtk_target_list_new [Gtk 2.8]	gtk_target_list_ref [Gtk 2.8]
gtk_target_list_remove [Gtk 2.8]	gtk_target_list_unref [Gtk 2.8]
gtk_tearoff_menu_item_get_type	gtk_tearoff_menu_item_new [Gtk

© 2008 Linux Foundation

[Gobject 2.8]	2.8]
gtk_text_attributes_copy [Gtk 2.8]	gtk_text_attributes_copy_values [Gtk 2.8]
gtk_text_attributes_get_type [Gobject 2.8]	gtk_text_attributes_new [Gtk 2.8]
gtk_text_attributes_ref [Gtk 2.8]	gtk_text_attributes_unref [Gtk 2.8]
gtk_text_buffer_add_selection_clipboard [Gtk 2.8]	gtk_text_buffer_apply_tag [Gtk 2.8]
gtk_text_buffer_apply_tag_by_name [Gtk 2.8]	gtk_text_buffer_backspace [Gtk 2.8]
gtk_text_buffer_begin_user_action [Gtk 2.8]	gtk_text_buffer_copy_clipboard [Gtk 2.8]
gtk_text_buffer_create_child_anchor [Gtk 2.8]	gtk_text_buffer_create_mark [Gtk 2.8]
gtk_text_buffer_create_tag [Gtk 2.8]	gtk_text_buffer_cut_clipboard [Gtk 2.8]
gtk_text_buffer_delete [Gtk 2.8]	gtk_text_buffer_delete_interactive [Gtk 2.8]
gtk_text_buffer_delete_mark [Gtk 2.8]	gtk_text_buffer_delete_mark_by_name [Gtk 2.8]
gtk_text_buffer_delete_selection [Gtk 2.8]	gtk_text_buffer_end_user_action [Gtk 2.8]
gtk_text_buffer_get_bounds [Gtk 2.8]	gtk_text_buffer_get_char_count [Gtk 2.8]
gtk_text_buffer_get_end_iter [Gtk 2.8]	gtk_text_buffer_get_insert [Gtk 2.8]
gtk_text_buffer_get_iter_at_child_anchor [Gtk 2.8]	gtk_text_buffer_get_iter_at_line [Gtk 2.8]
gtk_text_buffer_get_iter_at_line_index [Gtk 2.8]	gtk_text_buffer_get_iter_at_line_offset [Gtk 2.8]
gtk_text_buffer_get_iter_at_mark [Gtk 2.8]	gtk_text_buffer_get_iter_at_offset [Gtk 2.8]
gtk_text_buffer_get_line_count [Gtk 2.8]	gtk_text_buffer_get_mark [Gtk 2.8]
gtk_text_buffer_get_modified [Gtk 2.8]	gtk_text_buffer_get_selection_bound [Gtk 2.8]
gtk_text_buffer_get_selection_bounds [Gtk 2.8]	gtk_text_buffer_get_slice [Gtk 2.8]
gtk_text_buffer_get_start_iter [Gtk 2.8]	gtk_text_buffer_get_tag_table [Gtk 2.8]
gtk_text_buffer_get_text [Gtk 2.8]	gtk_text_buffer_get_type [Gobject 2.8]
gtk_text_buffer_insert [Gtk 2.8]	gtk_text_buffer_insert_at_cursor [Gtk 2.8]
gtk_text_buffer_insert_child_anchor	gtk_text_buffer_insert_interactive

[Gtk 2.8]	[Gtk 2.8]
gtk_text_buffer_insert_interactive_at_cursor [Gtk 2.8]	gtk_text_buffer_insert_pixbuf [Gtk 2.8]
gtk_text_buffer_insert_range [Gtk 2.8]	gtk_text_buffer_insert_range_interactive [Gtk 2.8]
gtk_text_buffer_insert_with_tags [Gtk 2.8]	gtk_text_buffer_insert_with_tags_by_name [Gtk 2.8]
gtk_text_buffer_move_mark [Gtk 2.8]	gtk_text_buffer_move_mark_by_name [Gtk 2.8]
gtk_text_buffer_new [Gtk 2.8]	gtk_text_buffer_paste_clipboard [Gtk 2.8]
gtk_text_buffer_place_cursor [Gtk 2.8]	gtk_text_buffer_remove_all_tags [Gtk 2.8]
gtk_text_buffer_remove_selection_clipboard [Gtk 2.8]	gtk_text_buffer_remove_tag [Gtk 2.8]
gtk_text_buffer_remove_tag_by_name [Gtk 2.8]	gtk_text_buffer_select_range [Gtk 2.8]
gtk_text_buffer_set_modified [Gtk 2.8]	gtk_text_buffer_set_text [Gtk 2.8]
gtk_text_child_anchor_get_deleted [Gtk 2.8]	gtk_text_child_anchor_get_type [Gobject 2.8]
gtk_text_child_anchor_get_widgets [Gtk 2.8]	gtk_text_child_anchor_new [Gtk 2.8]
gtk_text_direction_get_type [Gobject 2.8]	gtk_text_iter_backward_char [Gtk 2.8]
gtk_text_iter_backward_chars [Gtk 2.8]	gtk_text_iter_backward_cursor_position [Gtk 2.8]
gtk_text_iter_backward_cursor_positions [Gtk 2.8]	gtk_text_iter_backward_find_char [Gtk 2.8]
gtk_text_iter_backward_line [Gtk 2.8]	gtk_text_iter_backward_lines [Gtk 2.8]
gtk_text_iter_backward_search [Gtk 2.8]	gtk_text_iter_backward_sentence_start [Gtk 2.8]
gtk_text_iter_backward_sentence_starts [Gtk 2.8]	gtk_text_iter_backward_to_tag_toggle [Gtk 2.8]
gtk_text_iter_backward_visible_cursor_position [Gtk 2.8]	gtk_text_iter_backward_visible_cursor_positions [Gtk 2.8]
gtk_text_iter_backward_visible_line [Gtk 2.8]	gtk_text_iter_backward_visible_lines [Gtk 2.8]
gtk_text_iter_backward_visible_word_start [Gtk 2.8]	gtk_text_iter_backward_visible_word_starts [Gtk 2.8]
gtk_text_iter_backward_word_start [Gtk 2.8]	gtk_text_iter_backward_word_starts [Gtk 2.8]
gtk_text_iter_begins_tag [Gtk 2.8]	gtk_text_iter_can_insert [Gtk 2.8]
gtk_text_iter_compare [Gtk 2.8]	gtk_text_iter_copy [Gtk 2.8]

© 2008 Linux Foundation

gtk_text_iter_editable [Gtk 2.8]	gtk_text_iter_ends_line [Gtk 2.8]
gtk_text_iter_ends_sentence [Gtk 2.8]	gtk_text_iter_ends_tag [Gtk 2.8]
gtk_text_iter_ends_word [Gtk 2.8]	gtk_text_iter_equal [Gtk 2.8]
gtk_text_iter_forward_char [Gtk 2.8]	gtk_text_iter_forward_chars [Gtk 2.8]
gtk_text_iter_forward_cursor_position [Gtk 2.8]	gtk_text_iter_forward_cursor_positions [Gtk 2.8]
gtk_text_iter_forward_find_char [Gtk 2.8]	gtk_text_iter_forward_line [Gtk 2.8]
gtk_text_iter_forward_lines [Gtk 2.8]	gtk_text_iter_forward_search [Gtk 2.8]
gtk_text_iter_forward_sentence_end [Gtk 2.8]	gtk_text_iter_forward_sentence_ends [Gtk 2.8]
gtk_text_iter_forward_to_end [Gtk 2.8]	gtk_text_iter_forward_to_line_end [Gtk 2.8]
gtk_text_iter_forward_to_tag_toggle [Gtk 2.8]	gtk_text_iter_forward_visible_cursor_position [Gtk 2.8]
gtk_text_iter_forward_visible_cursor_positions [Gtk 2.8]	gtk_text_iter_forward_visible_line [Gtk 2.8]
gtk_text_iter_forward_visible_lines [Gtk 2.8]	gtk_text_iter_forward_visible_word_end [Gtk 2.8]
gtk_text_iter_forward_visible_word_ends [Gtk 2.8]	gtk_text_iter_forward_word_end [Gtk 2.8]
gtk_text_iter_forward_word_ends [Gtk 2.8]	gtk_text_iter_free [Gtk 2.8]
gtk_text_iter_get_attributes [Gtk 2.8]	gtk_text_iter_get_buffer [Gtk 2.8]
gtk_text_iter_get_bytes_in_line [Gtk 2.8]	gtk_text_iter_get_char [Gtk 2.8]
gtk_text_iter_get_chars_in_line [Gtk 2.8]	gtk_text_iter_get_child_anchor [Gtk 2.8]
gtk_text_iter_get_language [Gtk 2.8]	gtk_text_iter_get_line [Gtk 2.8]
gtk_text_iter_get_line_index [Gtk 2.8]	gtk_text_iter_get_line_offset [Gtk 2.8]
gtk_text_iter_get_marks [Gtk 2.8]	gtk_text_iter_get_offset [Gtk 2.8]
gtk_text_iter_get_pixbuf [Gtk 2.8]	gtk_text_iter_get_slice [Gtk 2.8]
gtk_text_iter_get_tags [Gtk 2.8]	gtk_text_iter_get_text [Gtk 2.8]
gtk_text_iter_get_toggled_tags [Gtk 2.8]	gtk_text_iter_get_type [Gobject 2.8]
gtk_text_iter_get_visible_line_index [Gtk 2.8]	gtk_text_iter_get_visible_line_offset [Gtk 2.8]
gtk_text_iter_get_visible_slice [Gtk 2.8]	gtk_text_iter_get_visible_text [Gtk 2.8]
gtk_text_iter_has_tag [Gtk 2.8]	gtk_text_iter_in_range [Gtk 2.8]

gtk_text_iter_inside_sentence [Gtk 2.8]	gtk_text_iter_inside_word [Gtk 2.8]
gtk_text_iter_is_cursor_position [Gtk 2.8]	gtk_text_iter_is_end [Gtk 2.8]
gtk_text_iter_is_start [Gtk 2.8]	gtk_text_iter_order [Gtk 2.8]
gtk_text_iter_set_line [Gtk 2.8]	gtk_text_iter_set_line_index [Gtk 2.8]
gtk_text_iter_set_line_offset [Gtk 2.8]	gtk_text_iter_set_offset [Gtk 2.8]
gtk_text_iter_set_visible_line_index [Gtk 2.8]	gtk_text_iter_set_visible_line_offset [Gtk 2.8]
gtk_text_iter_starts_line [Gtk 2.8]	gtk_text_iter_starts_sentence [Gtk 2.8]
gtk_text_iter_starts_word [Gtk 2.8]	gtk_text_iter_toggles_tag [Gtk 2.8]
gtk_text_mark_get_buffer [Gtk 2.8]	gtk_text_mark_get_deleted [Gtk 2.8]
gtk_text_mark_get_left_gravity [Gtk 2.8]	gtk_text_mark_get_name [Gtk 2.8]
gtk_text_mark_get_type [Gobject 2.8]	gtk_text_mark_get_visible [Gtk 2.8]
gtk_text_mark_set_visible [Gtk 2.8]	gtk_text_search_flags_get_type [Gobject 2.8]
gtk_text_tag_event [Gtk 2.8]	gtk_text_tag_get_priority [Gtk 2.8]
gtk_text_tag_get_type [Gobject 2.8]	gtk_text_tag_new [Gtk 2.8]
gtk_text_tag_set_priority [Gtk 2.8]	gtk_text_tag_table_add [Gtk 2.8]
gtk_text_tag_table_foreach [Gtk 2.8]	gtk_text_tag_table_get_size [Gtk 2.8]
gtk_text_tag_table_get_type [Gobject 2.8]	gtk_text_tag_table_lookup [Gtk 2.8]
gtk_text_tag_table_new [Gtk 2.8]	gtk_text_tag_table_remove [Gtk 2.8]
gtk_text_view_add_child_at_anchor [Gtk 2.8]	gtk_text_view_add_child_in_window [Gtk 2.8]
gtk_text_view_backward_display_line [Gtk 2.8]	gtk_text_view_backward_display_line_start [Gtk 2.8]
gtk_text_view_buffer_to_window_coords [Gtk 2.8]	gtk_text_view_forward_display_line [Gtk 2.8]
gtk_text_view_forward_display_line_end [Gtk 2.8]	gtk_text_view_get_accepts_tab [Gtk 2.8]
gtk_text_view_get_border_window_size [Gtk 2.8]	gtk_text_view_get_buffer [Gtk 2.8]
gtk_text_view_get_cursor_visible [Gtk 2.8]	gtk_text_view_get_default_attributes [Gtk 2.8]
gtk_text_view_get_editable [Gtk 2.8]	gtk_text_view_get_indent [Gtk 2.8]
gtk_text_view_get_iter_at_location [Gtk 2.8]	gtk_text_view_get_iter_at_position [Gtk 2.8]
gtk_text_view_get_iter_location [Gtk 2.8]	gtk_text_view_get_justification [Gtk 2.8]

© 2008 Linux Foundation

gtk_text_view_get_left_margin [Gtk 2.8]	gtk_text_view_get_line_at_y [Gtk 2.8]
gtk_text_view_get_line_yrange [Gtk 2.8]	gtk_text_view_get_overwrite [Gtk 2.8]
gtk_text_view_get_pixels_above_lines [Gtk 2.8]	gtk_text_view_get_pixels_below_lines [Gtk 2.8]
gtk_text_view_get_pixels_inside_wrap [Gtk 2.8]	gtk_text_view_get_right_margin [Gtk 2.8]
gtk_text_view_get_tabs [Gtk 2.8]	gtk_text_view_get_type [Gobject 2.8]
gtk_text_view_get_visible_rect [Gtk 2.8]	gtk_text_view_get_window [Gtk 2.8]
gtk_text_view_get_window_type [Gtk 2.8]	gtk_text_view_get_wrap_mode [Gtk 2.8]
gtk_text_view_move_child [Gtk 2.8]	gtk_text_view_move_mark_onscreen [Gtk 2.8]
gtk_text_view_move_visually [Gtk 2.8]	gtk_text_view_new [Gtk 2.8]
gtk_text_view_new_with_buffer [Gtk 2.8]	gtk_text_view_place_cursor_onscreen [Gtk 2.8]
gtk_text_view_scroll_mark_onscreen [Gtk 2.8]	gtk_text_view_scroll_to_iter [Gtk 2.8]
gtk_text_view_scroll_to_mark [Gtk 2.8]	gtk_text_view_set_accepts_tab [Gtk 2.8]
gtk_text_view_set_border_window_size [Gtk 2.8]	gtk_text_view_set_buffer [Gtk 2.8]
gtk_text_view_set_cursor_visible [Gtk 2.8]	gtk_text_view_set_editable [Gtk 2.8]
gtk_text_view_set_indent [Gtk 2.8]	gtk_text_view_set_justification [Gtk 2.8]
gtk_text_view_set_left_margin [Gtk 2.8]	gtk_text_view_set_overwrite [Gtk 2.8]
gtk_text_view_set_pixels_above_lines [Gtk 2.8]	gtk_text_view_set_pixels_below_lines [Gtk 2.8]
gtk_text_view_set_pixels_inside_wrap [Gtk 2.8]	gtk_text_view_set_right_margin [Gtk 2.8]
gtk_text_view_set_tabs [Gtk 2.8]	gtk_text_view_set_wrap_mode [Gtk 2.8]
gtk_text_view_starts_display_line [Gtk 2.8]	gtk_text_view_window_to_buffer_coords [Gtk 2.8]
gtk_text_window_type_get_type [Gobject 2.8]	gtk_toggle_action_get_active [Gtk 2.8]
gtk_toggle_action_get_draw_as_radio [Gtk 2.8]	gtk_toggle_action_get_type [Gobject 2.8]
gtk_toggle_action_new [Gtk 2.8]	gtk_toggle_action_set_active [Gtk 2.8]

gtk_toggle_action_set_draw_as_radio [Gtk 2.8]	gtk_toggle_action_toggled [Gtk 2.8]
gtk_toggle_button_get_active [Gtk 2.8]	gtk_toggle_button_get_inconsistent [Gtk 2.8]
gtk_toggle_button_get_mode [Gtk 2.8]	gtk_toggle_button_get_type [Gobject 2.8]
gtk_toggle_button_new [Gtk 2.8]	gtk_toggle_button_new_with_label [Gtk 2.8]
gtk_toggle_button_new_with_mnemonic [Gtk 2.8]	gtk_toggle_button_set_active [Gtk 2.8]
gtk_toggle_button_set_inconsistent [Gtk 2.8]	gtk_toggle_button_set_mode [Gtk 2.8]
gtk_toggle_button_toggled [Gtk 2.8]	gtk_toggle_tool_button_get_active [Gtk 2.8]
gtk_toggle_tool_button_get_type [Gobject 2.8]	gtk_toggle_tool_button_new [Gtk 2.8]
gtk_toggle_tool_button_new_from_stock [Gtk 2.8]	gtk_toggle_tool_button_set_active [Gtk 2.8]
gtk_tool_button_get_icon_name [Gtk 2.8]	gtk_tool_button_get_icon_widget [Gtk 2.8]
gtk_tool_button_get_label [Gtk 2.8]	gtk_tool_button_get_label_widget [Gtk 2.8]
gtk_tool_button_get_stock_id [Gtk 2.8]	gtk_tool_button_get_type [Gobject 2.8]
gtk_tool_button_get_use_underline [Gtk 2.8]	gtk_tool_button_new [Gtk 2.8]
gtk_tool_button_new_from_stock [Gtk 2.8]	gtk_tool_button_set_icon_name [Gtk 2.8]
gtk_tool_button_set_icon_widget [Gtk 2.8]	gtk_tool_button_set_label [Gtk 2.8]
gtk_tool_button_set_label_widget [Gtk 2.8]	gtk_tool_button_set_stock_id [Gtk 2.8]
gtk_tool_button_set_use_underline [Gtk 2.8]	gtk_tool_item_get_expand [Gtk 2.8]
gtk_tool_item_get_homogeneous [Gtk 2.8]	gtk_tool_item_get_icon_size [Gtk 2.8]
gtk_tool_item_get_is_important [Gtk 2.8]	gtk_tool_item_get_orientation [Gtk 2.8]
gtk_tool_item_get_proxy_menu_item [Gtk 2.8]	gtk_tool_item_get_relief_style [Gtk 2.8]
gtk_tool_item_get_toolbar_style [Gtk 2.8]	gtk_tool_item_get_type [Gobject 2.8]
gtk_tool_item_get_use_drag_window [Gtk 2.8]	gtk_tool_item_get_visible_horizontal [Gtk 2.8]
gtk_tool_item_get_visible_vertical [Gtk 2.8]	gtk_tool_item_new [Gtk 2.8]

© 2008 Linux Foundation

gtk_tool_item_rebuild_menu [Gtk 2.8]	gtk_tool_item_retrieve_proxy_menu _item [Gtk 2.8]
gtk_tool_item_set_expand [Gtk 2.8]	gtk_tool_item_set_homogeneous [Gtk 2.8]
gtk_tool_item_set_is_important [Gtk 2.8]	gtk_tool_item_set_proxy_menu_ite m [Gtk 2.8]
gtk_tool_item_set_tooltip [Gtk 2.8]	gtk_tool_item_set_use_drag_windo w [Gtk 2.8]
gtk_tool_item_set_visible_horizontal [Gtk 2.8]	gtk_tool_item_set_visible_vertical [Gtk 2.8]
gtk_toolbar_child_type_get_type [Gobject 2.8]	gtk_toolbar_get_drop_index [Gtk 2.8]
gtk_toolbar_get_icon_size [Gtk 2.8]	gtk_toolbar_get_item_index [Gtk 2.8]
gtk_toolbar_get_n_items [Gtk 2.8]	gtk_toolbar_get_nth_item [Gtk 2.8]
gtk_toolbar_get_orientation [Gtk 2.8]	gtk_toolbar_get_relief_style [Gtk 2.8]
gtk_toolbar_get_show_arrow [Gtk 2.8]	gtk_toolbar_get_style [Gtk 2.8]
gtk_toolbar_get_tooltips [LSB]	gtk_toolbar_get_type [Gobject 2.8]
gtk_toolbar_insert [Gtk 2.8]	gtk_toolbar_new [Gtk 2.8]
gtk_toolbar_set_drop_highlight_ite m [Gtk 2.8]	gtk_toolbar_set_icon_size [Gtk 2.8]
gtk_toolbar_set_orientation [Gtk 2.8]	gtk_toolbar_set_show_arrow [Gtk 2.8]
gtk_toolbar_set_style [Gtk 2.8]	gtk_toolbar_set_tooltips [LSB]
gtk_toolbar_space_style_get_type [Gobject 2.8]	gtk_toolbar_style_get_type [Gobject 2.8]
gtk_toolbar_unset_style [Gtk 2.8]	gtk_tooltips_data_get [Gtk 2.8]
gtk_tooltips_disable [Gtk 2.8]	gtk_tooltips_enable [Gtk 2.8]
gtk_tooltips_force_window [Gtk 2.8]	gtk_tooltips_get_info_from_tip_win dow [Gtk 2.8]
gtk_tooltips_get_type [Gobject 2.8]	gtk_tooltips_new [Gtk 2.8]
gtk_tooltips_set_tip [Gtk 2.8]	gtk_tree_drag_dest_drag_data_recei ved [Gtk 2.8]
gtk_tree_drag_dest_get_type [Gobject 2.8]	gtk_tree_drag_dest_row_drop_possi ble [Gtk 2.8]
gtk_tree_drag_source_drag_data_del ete [Gtk 2.8]	gtk_tree_drag_source_drag_data_get [Gtk 2.8]
gtk_tree_drag_source_get_type [Gobject 2.8]	gtk_tree_drag_source_row_draggabl e [Gtk 2.8]
gtk_tree_get_row_drag_data [Gtk 2.8]	gtk_tree_iter_copy [Gtk 2.8]
gtk_tree_iter_free [Gtk 2.8]	gtk_tree_iter_get_type [Gobject 2.8]
gtk_tree_model_filter_clear_cache [Gtk 2.8]	gtk_tree_model_filter_convert_child _iter_to_iter [Gtk 2.8]

gtk_tree_model_filter_convert_child_path_to_path [Gtk 2.8]	gtk_tree_model_filter_convert_iter_to_child_iter [Gtk 2.8]
gtk_tree_model_filter_convert_path_to_child_path [Gtk 2.8]	gtk_tree_model_filter_get_model [Gtk 2.8]
gtk_tree_model_filter_get_type [Gobject 2.8]	gtk_tree_model_filter_new [Gtk 2.8]
gtk_tree_model_filter_refilter [Gtk 2.8]	gtk_tree_model_filter_set_modify_func [Gtk 2.8]
gtk_tree_model_filter_set_visible_column [Gtk 2.8]	gtk_tree_model_filter_set_visible_func [Gtk 2.8]
gtk_tree_model_flags_get_type [Gobject 2.8]	gtk_tree_model_foreach [Gtk 2.8]
gtk_tree_model_get [Gtk 2.8]	gtk_tree_model_get_column_type [Gtk 2.8]
gtk_tree_model_get_flags [Gtk 2.8]	gtk_tree_model_get_iter [Gtk 2.8]
gtk_tree_model_get_iter_first [Gtk 2.8]	gtk_tree_model_get_iter_from_string [Gtk 2.8]
gtk_tree_model_get_n_columns [Gtk 2.8]	gtk_tree_model_get_path [Gtk 2.8]
gtk_tree_model_get_string_from_iter [Gtk 2.8]	gtk_tree_model_get_type [Gobject 2.8]
gtk_tree_model_get_valist [Gtk 2.8]	gtk_tree_model_get_value [Gtk 2.8]
gtk_tree_model_iter_children [Gtk 2.8]	gtk_tree_model_iter_has_child [Gtk 2.8]
gtk_tree_model_iter_n_children [Gtk 2.8]	gtk_tree_model_iter_next [Gtk 2.8]
gtk_tree_model_iter_nth_child [Gtk 2.8]	gtk_tree_model_iter_parent [Gtk 2.8]
gtk_tree_model_ref_node [Gtk 2.8]	gtk_tree_model_row_changed [Gtk 2.8]
gtk_tree_model_row_deleted [Gtk 2.8]	gtk_tree_model_row_has_child_toggled [Gtk 2.8]
gtk_tree_model_row_inserted [Gtk 2.8]	gtk_tree_model_rows_reordered [Gtk 2.8]
gtk_tree_model_sort_clear_cache [Gtk 2.8]	gtk_tree_model_sort_convert_child_iter_to_iter [Gtk 2.8]
gtk_tree_model_sort_convert_child_path_to_path [Gtk 2.8]	gtk_tree_model_sort_convert_iter_to_child_iter [Gtk 2.8]
gtk_tree_model_sort_convert_path_to_child_path [Gtk 2.8]	gtk_tree_model_sort_get_model [Gtk 2.8]
gtk_tree_model_sort_get_type [Gobject 2.8]	gtk_tree_model_sort_iter_is_valid [Gtk 2.8]
gtk_tree_model_sort_new_with_model [Gtk 2.8]	gtk_tree_model_sort_reset_default_sort_func [Gtk 2.8]
gtk_tree_model_unref_node [Gtk	gtk_tree_path_append_index [Gtk

© 2008 Linux Foundation

2.8]	2.8]
gtk_tree_path_compare [Gtk 2.8]	gtk_tree_path_copy [Gtk 2.8]
gtk_tree_path_down [Gtk 2.8]	gtk_tree_path_free [Gtk 2.8]
gtk_tree_path_get_depth [Gtk 2.8]	gtk_tree_path_get_indices [Gtk 2.8]
gtk_tree_path_get_type [Gobject 2.8]	gtk_tree_path_is_ancestor [Gtk 2.8]
gtk_tree_path_is_descendant [Gtk 2.8]	gtk_tree_path_new [Gtk 2.8]
gtk_tree_path_new_first [Gtk 2.8]	gtk_tree_path_new_from_indices [Gtk 2.8]
gtk_tree_path_new_from_string [Gtk 2.8]	gtk_tree_path_next [Gtk 2.8]
gtk_tree_path_prepend_index [Gtk 2.8]	gtk_tree_path_prev [Gtk 2.8]
gtk_tree_path_to_string [Gtk 2.8]	gtk_tree_path_up [Gtk 2.8]
gtk_tree_row_reference_copy [Gtk 2.8]	gtk_tree_row_reference_deleted [Gtk 2.8]
gtk_tree_row_reference_free [Gtk 2.8]	gtk_tree_row_reference_get_model [Gtk 2.8]
gtk_tree_row_reference_get_path [Gtk 2.8]	gtk_tree_row_reference_get_type [Gobject 2.8]
gtk_tree_row_reference_inserted [Gtk 2.8]	gtk_tree_row_reference_new [Gtk 2.8]
gtk_tree_row_reference_new_proxy [Gtk 2.8]	gtk_tree_row_reference_reordered [Gtk 2.8]
gtk_tree_row_reference_valid [Gtk 2.8]	gtk_tree_selection_count_selected_rows [Gtk 2.8]
gtk_tree_selection_get_mode [Gtk 2.8]	gtk_tree_selection_get_selected [Gtk 2.8]
gtk_tree_selection_get_selected_rows [Gtk 2.8]	gtk_tree_selection_get_tree_view [Gtk 2.8]
gtk_tree_selection_get_type [Gobject 2.8]	gtk_tree_selection_get_user_data [Gtk 2.8]
gtk_tree_selection_iter_is_selected [Gtk 2.8]	gtk_tree_selection_path_is_selected [Gtk 2.8]
gtk_tree_selection_select_all [Gtk 2.8]	gtk_tree_selection_select_iter [Gtk 2.8]
gtk_tree_selection_select_path [Gtk 2.8]	gtk_tree_selection_select_range [Gtk 2.8]
gtk_tree_selection_selected_foreach [Gtk 2.8]	gtk_tree_selection_set_mode [Gtk 2.8]
gtk_tree_selection_set_select_function [Gtk 2.8]	gtk_tree_selection_unselect_all [Gtk 2.8]
gtk_tree_selection_unselect_iter [Gtk 2.8]	gtk_tree_selection_unselect_path [Gtk 2.8]
gtk_tree_selection_unselect_range	gtk_tree_set_row_drag_data [Gtk

[Gtk 2.8]	2.8]
gtk_tree_sortable_get_sort_column_id [Gtk 2.8]	gtk_tree_sortable_get_type [Gobject 2.8]
gtk_tree_sortable_has_default_sort_func [Gtk 2.8]	gtk_tree_sortable_set_default_sort_func [Gtk 2.8]
gtk_tree_sortable_set_sort_column_id [Gtk 2.8]	gtk_tree_sortable_set_sort_func [Gtk 2.8]
gtk_tree_sortable_sort_column_changed [Gtk 2.8]	gtk_tree_store_append [Gtk 2.8]
gtk_tree_store_clear [Gtk 2.8]	gtk_tree_store_get_type [Gobject 2.8]
gtk_tree_store_insert [Gtk 2.8]	gtk_tree_store_insert_after [Gtk 2.8]
gtk_tree_store_insert_before [Gtk 2.8]	gtk_tree_store_is_ancestor [Gtk 2.8]
gtk_tree_store_iter_depth [Gtk 2.8]	gtk_tree_store_iter_is_valid [Gtk 2.8]
gtk_tree_store_move_after [Gtk 2.8]	gtk_tree_store_move_before [Gtk 2.8]
gtk_tree_store_new [Gtk 2.8]	gtk_tree_store_newv [Gtk 2.8]
gtk_tree_store_prepend [Gtk 2.8]	gtk_tree_store_remove [Gtk 2.8]
gtk_tree_store_reorder [Gtk 2.8]	gtk_tree_store_set [Gtk 2.8]
gtk_tree_store_set_column_types [Gtk 2.8]	gtk_tree_store_set_valist [Gtk 2.8]
gtk_tree_store_set_value [Gtk 2.8]	gtk_tree_store_swap [Gtk 2.8]
gtk_tree_view_append_column [Gtk 2.8]	gtk_tree_view_collapse_all [Gtk 2.8]
gtk_tree_view_collapse_row [Gtk 2.8]	gtk_tree_view_column_add_attribute [Gtk 2.8]
gtk_tree_view_column_cell_get_position [Gtk 2.8]	gtk_tree_view_column_cell_get_size [Gtk 2.8]
gtk_tree_view_column_cell_is_visible [Gtk 2.8]	gtk_tree_view_column_cell_set_cell_data [Gtk 2.8]
gtk_tree_view_column_clear [Gtk 2.8]	gtk_tree_view_column_clear_attributes [Gtk 2.8]
gtk_tree_view_column_clicked [Gtk 2.8]	gtk_tree_view_column_focus_cell [Gtk 2.8]
gtk_tree_view_column_get_alignment [Gtk 2.8]	gtk_tree_view_column_get_cell_renderers [Gtk 2.8]
gtk_tree_view_column_get_clickable [Gtk 2.8]	gtk_tree_view_column_get_expand [Gtk 2.8]
gtk_tree_view_column_get_fixed_width [Gtk 2.8]	gtk_tree_view_column_get_max_width [Gtk 2.8]
gtk_tree_view_column_get_min_width [Gtk 2.8]	gtk_tree_view_column_get_reorderable [Gtk 2.8]
gtk_tree_view_column_get_resizable [Gtk 2.8]	gtk_tree_view_column_get_sizing [Gtk 2.8]

© 2008 Linux Foundation

gtk_tree_view_column_get_sort_column_id [Gtk 2.8]	gtk_tree_view_column_get_sort_indicator [Gtk 2.8]
gtk_tree_view_column_get_sort_order [Gtk 2.8]	gtk_tree_view_column_get_spacing [Gtk 2.8]
gtk_tree_view_column_get_title [Gtk 2.8]	gtk_tree_view_column_get_type [Gobject 2.8]
gtk_tree_view_column_get_visible [Gtk 2.8]	gtk_tree_view_column_get_widget [Gtk 2.8]
gtk_tree_view_column_get_width [Gtk 2.8]	gtk_tree_view_column_new [Gtk 2.8]
gtk_tree_view_column_new_with_attributes [Gtk 2.8]	gtk_tree_view_column_pack_end [Gtk 2.8]
gtk_tree_view_column_pack_start [Gtk 2.8]	gtk_tree_view_column_queue_resize [Gtk 2.8]
gtk_tree_view_column_set_alignment [Gtk 2.8]	gtk_tree_view_column_set_attributes [Gtk 2.8]
gtk_tree_view_column_set_cell_data_func [Gtk 2.8]	gtk_tree_view_column_set_clickable [Gtk 2.8]
gtk_tree_view_column_set_expand [Gtk 2.8]	gtk_tree_view_column_set_fixed_width [Gtk 2.8]
gtk_tree_view_column_set_max_width [Gtk 2.8]	gtk_tree_view_column_set_min_width [Gtk 2.8]
gtk_tree_view_column_set_reorderable [Gtk 2.8]	gtk_tree_view_column_set_resizable [Gtk 2.8]
gtk_tree_view_column_set_sizing [Gtk 2.8]	gtk_tree_view_column_set_sort_column_id [Gtk 2.8]
gtk_tree_view_column_set_sort_indicator [Gtk 2.8]	gtk_tree_view_column_set_sort_order [Gtk 2.8]
gtk_tree_view_column_set_spacing [Gtk 2.8]	gtk_tree_view_column_set_title [Gtk 2.8]
gtk_tree_view_column_set_visible [Gtk 2.8]	gtk_tree_view_column_set_widget [Gtk 2.8]
gtk_tree_view_column_sizing_get_type [Gobject 2.8]	gtk_tree_view_columns_autosize [Gtk 2.8]
gtk_tree_view_create_row_drag_icon [Gtk 2.8]	gtk_tree_view_drop_position_get_type [Gobject 2.8]
gtk_tree_view_enable_model_drag_dest [Gtk 2.8]	gtk_tree_view_enable_model_drag_source [Gtk 2.8]
gtk_tree_view_expand_all [Gtk 2.8]	gtk_tree_view_expand_row [Gtk 2.8]
gtk_tree_view_expand_to_path [Gtk 2.8]	gtk_tree_view_get_background_area [Gtk 2.8]
gtk_tree_view_get_bin_window [Gtk 2.8]	gtk_tree_view_get_cell_area [Gtk 2.8]
gtk_tree_view_get_column [Gtk 2.8]	gtk_tree_view_get_columns [Gtk 2.8]

gtk_tree_view_get_cursor [Gtk 2.8]	gtk_tree_view_get_dest_row_at_pos [Gtk 2.8]
gtk_tree_view_get_drag_dest_row [Gtk 2.8]	gtk_tree_view_get_enable_search [Gtk 2.8]
gtk_tree_view_get_expander_column [Gtk 2.8]	gtk_tree_view_get_fixed_height_mode [Gtk 2.8]
gtk_tree_view_get_hadjustment [Gtk 2.8]	gtk_tree_view_get_headers_visible [Gtk 2.8]
gtk_tree_view_get_hover_expand [Gtk 2.8]	gtk_tree_view_get_hover_selection [Gtk 2.8]
gtk_tree_view_get_model [Gtk 2.8]	gtk_tree_view_get_path_at_pos [Gtk 2.8]
gtk_tree_view_get_reorderable [Gtk 2.8]	gtk_tree_view_get_row_separator_func [Gtk 2.8]
gtk_tree_view_get_rules_hint [Gtk 2.8]	gtk_tree_view_get_search_column [Gtk 2.8]
gtk_tree_view_get_search_equal_func [Gtk 2.8]	gtk_tree_view_get_selection [Gtk 2.8]
gtk_tree_view_get_type [Gobject 2.8]	gtk_tree_view_get_vadjustment [Gtk 2.8]
gtk_tree_view_get_visible_range [Gtk 2.8]	gtk_tree_view_get_visible_rect [Gtk 2.8]
gtk_tree_view_insert_column [Gtk 2.8]	gtk_tree_view_insert_column_with_attributes [Gtk 2.8]
gtk_tree_view_insert_column_with_data_func [Gtk 2.8]	gtk_tree_view_map_expanded_rows [Gtk 2.8]
gtk_tree_view_mode_get_type [Gobject 2.8]	gtk_tree_view_move_column_after [Gtk 2.8]
gtk_tree_view_new [Gtk 2.8]	gtk_tree_view_new_with_model [Gtk 2.8]
gtk_tree_view_remove_column [Gtk 2.8]	gtk_tree_view_row_activated [Gtk 2.8]
gtk_tree_view_row_expanded [Gtk 2.8]	gtk_tree_view_scroll_to_cell [Gtk 2.8]
gtk_tree_view_scroll_to_point [Gtk 2.8]	gtk_tree_view_set_column_drag_function [Gtk 2.8]
gtk_tree_view_set_cursor [Gtk 2.8]	gtk_tree_view_set_cursor_on_cell [Gtk 2.8]
gtk_tree_view_set_destroy_count_func [Gtk 2.8]	gtk_tree_view_set_drag_dest_row [Gtk 2.8]
gtk_tree_view_set_enable_search [Gtk 2.8]	gtk_tree_view_set_expander_column [Gtk 2.8]
gtk_tree_view_set_fixed_height_mode [Gtk 2.8]	gtk_tree_view_set_hadjustment [Gtk 2.8]
gtk_tree_view_set_headers_clickable [Gtk 2.8]	gtk_tree_view_set_headers_visible [Gtk 2.8]

© 2008 Linux Foundation

gtk_tree_view_set_hover_expand [Gtk 2.8]	gtk_tree_view_set_hover_selection [Gtk 2.8]
gtk_tree_view_set_model [Gtk 2.8]	gtk_tree_view_set_reorderable [Gtk 2.8]
gtk_tree_view_set_row_separator_func [Gtk 2.8]	gtk_tree_view_set_rules_hint [Gtk 2.8]
gtk_tree_view_set_search_column [Gtk 2.8]	gtk_tree_view_set_search_equal_func [Gtk 2.8]
gtk_tree_view_set_vadjustment [Gtk 2.8]	gtk_tree_view_tree_to_widget_coords [Gtk 2.8]
gtk_tree_view_unset_rows_drag_dest [Gtk 2.8]	gtk_tree_view_unset_rows_drag_source [Gtk 2.8]
gtk_tree_view_widget_to_tree_coords [Gtk 2.8]	gtk_true [Gtk 2.8]
gtk_type_class [Gtk 2.8]	gtk_ui_manager_add_ui [Gtk 2.8]
gtk_ui_manager_add_ui_from_file [Gtk 2.8]	gtk_ui_manager_add_ui_from_string [Gtk 2.8]
gtk_ui_manager_ensure_update [Gtk 2.8]	gtk_ui_manager_get_accel_group [Gtk 2.8]
gtk_ui_manager_get_action [Gtk 2.8]	gtk_ui_manager_get_action_groups [Gtk 2.8]
gtk_ui_manager_get_add_tearoffs [Gtk 2.8]	gtk_ui_manager_get_toplevels [Gtk 2.8]
gtk_ui_manager_get_type [Gobject 2.8]	gtk_ui_manager_get_ui [Gtk 2.8]
gtk_ui_manager_get_widget [Gtk 2.8]	gtk_ui_manager_insert_action_group [Gtk 2.8]
gtk_ui_manager_item_type_get_type [Gobject 2.8]	gtk_ui_manager_new [Gtk 2.8]
gtk_ui_manager_new_merge_id [Gtk 2.8]	gtk_ui_manager_remove_action_group [Gtk 2.8]
gtk_ui_manager_remove_ui [Gtk 2.8]	gtk_ui_manager_set_add_tearoffs [Gtk 2.8]
gtk_update_type_get_type [Gobject 2.8]	gtk_vbox_get_type [Gobject 2.8]
gtk_vbox_new [Gtk 2.8]	gtk_vbutton_box_get_type [Gobject 2.8]
gtk_vbutton_box_new [Gtk 2.8]	gtk_viewport_get_hadjustment [Gtk 2.8]
gtk_viewport_get_shadow_type [Gtk 2.8]	gtk_viewport_get_type [Gobject 2.8]
gtk_viewport_get_vadjustment [Gtk 2.8]	gtk_viewport_new [Gtk 2.8]
gtk_viewport_set_hadjustment [Gtk 2.8]	gtk_viewport_set_shadow_type [Gtk 2.8]

gtk_viewport_set_vadjustment [Gtk 2.8]	gtk_visibility_get_type [Gobject 2.8]
gtk_vpaned_get_type [Gobject 2.8]	gtk_vpaned_new [Gtk 2.8]
gtk_vruler_get_type [Gobject 2.8]	gtk_vruler_new [Gtk 2.8]
gtk_vscale_get_type [Gobject 2.8]	gtk_vscale_new [Gtk 2.8]
gtk_vscale_new_with_range [Gtk 2.8]	gtk_vscrollbar_get_type [Gobject 2.8]
gtk_vscrollbar_new [Gtk 2.8]	gtk_vseparator_get_type [Gobject 2.8]
gtk_vseparator_new [Gtk 2.8]	gtk_widget_activate [Gtk 2.8]
gtk_widget_add_accelerator [Gtk 2.8]	gtk_widget_add_events [Gtk 2.8]
gtk_widget_add_mnemonic_label [Gtk 2.8]	gtk_widget_can_activate_accel [Gtk 2.8]
gtk_widget_child_focus [Gtk 2.8]	gtk_widget_child_notify [Gtk 2.8]
gtk_widget_class_find_style_property [Gtk 2.8]	gtk_widget_class_install_style_property [Gtk 2.8]
gtk_widget_class_install_style_property_parser [Gtk 2.8]	gtk_widget_class_list_style_properties [Gtk 2.8]
gtk_widget_class_path [Gtk 2.8]	gtk_widget_create_pango_context [Gtk 2.8]
gtk_widget_create_pango_layout [Gtk 2.8]	gtk_widget_destroy [Gtk 2.8]
gtk_widget_destroyed [Gtk 2.8]	gtk_widget_ensure_style [Gtk 2.8]
gtk_widget_event [Gtk 2.8]	gtk_widget_flags_get_type [Gobject 2.8]
gtk_widget_freeze_child_notify [Gtk 2.8]	gtk_widget_get_accessible [Gtk 2.8]
gtk_widget_get_ancestor [Gtk 2.8]	gtk_widget_get_child_requisition [Gtk 2.8]
gtk_widget_get_child_visible [Gtk 2.8]	gtk_widget_get_clipboard [Gtk 2.8]
gtk_widget_get_colormap [Gtk 2.8]	gtk_widget_get_composite_name [Gtk 2.8]
gtk_widget_get_default_colormap [Gtk 2.8]	gtk_widget_get_default_direction [Gtk 2.8]
gtk_widget_get_default_style [Gtk 2.8]	gtk_widget_get_default_visual [Gtk 2.8]
gtk_widget_get_direction [Gtk 2.8]	gtk_widget_get_display [Gtk 2.8]
gtk_widget_get_events [Gtk 2.8]	gtk_widget_get_extension_events [Gtk 2.8]
gtk_widget_get_modifier_style [Gtk 2.8]	gtk_widget_get_name [Gtk 2.8]
gtk_widget_get_no_show_all [Gtk 2.8]	gtk_widget_get_pango_context [Gtk 2.8]

© 2008 Linux Foundation

gtk_widget_get_parent [Gtk 2.8]	gtk_widget_get_parent_window [Gtk 2.8]
gtk_widget_get_pointer [Gtk 2.8]	gtk_widget_get_root_window [Gtk 2.8]
gtk_widget_get_screen [Gtk 2.8]	gtk_widget_get_settings [Gtk 2.8]
gtk_widget_get_size_request [Gtk 2.8]	gtk_widget_get_style [Gtk 2.8]
gtk_widget_get_toplevel [Gtk 2.8]	gtk_widget_get_type [Gobject 2.8]
gtk_widget_get_visual [Gtk 2.8]	gtk_widget_grab_default [Gtk 2.8]
gtk_widget_grab_focus [Gtk 2.8]	gtk_widget_has_screen [Gtk 2.8]
gtk_widget_help_type_get_type [Gobject 2.8]	gtk_widget_hide [Gtk 2.8]
gtk_widget_hide_all [Gtk 2.8]	gtk_widget_hide_on_delete [Gtk 2.8]
gtk_widget_intersect [Gtk 2.8]	gtk_widget_is_ancestor [Gtk 2.8]
gtk_widget_is_focus [Gtk 2.8]	gtk_widget_list_accel_closures [Gtk 2.8]
gtk_widget_list_mnemonic_labels [Gtk 2.8]	gtk_widget_map [Gtk 2.8]
gtk_widget_mnemonic_activate [Gtk 2.8]	gtk_widget_modify_base [Gtk 2.8]
gtk_widget_modify_bg [Gtk 2.8]	gtk_widget_modify_fg [Gtk 2.8]
gtk_widget_modify_font [Gtk 2.8]	gtk_widget_modify_style [Gtk 2.8]
gtk_widget_modify_text [Gtk 2.8]	gtk_widget_new [Gtk 2.8]
gtk_widget_path [Gtk 2.8]	gtk_widget_pop_colormap [Gtk 2.8]
gtk_widget_pop_composite_child [Gtk 2.8]	gtk_widget_push_colormap [Gtk 2.8]
gtk_widget_push_composite_child [Gtk 2.8]	gtk_widget_queue_draw [Gtk 2.8]
gtk_widget_queue_draw_area [Gtk 2.8]	gtk_widget_queue_resize [Gtk 2.8]
gtk_widget_queue_resize_no_redraw [Gtk 2.8]	gtk_widget_realize [Gtk 2.8]
gtk_widget_ref [Gtk 2.8]	gtk_widget_region_intersect [Gtk 2.8]
gtk_widget_remove_accelerator [Gtk 2.8]	gtk_widget_remove_mnemonic_label [Gtk 2.8]
gtk_widget_render_icon [Gtk 2.8]	gtk_widget_reparent [Gtk 2.8]
gtk_widget_reset_rc_styles [Gtk 2.8]	gtk_widget_reset_shapes [Gtk 2.8]
gtk_widget_send_expose [Gtk 2.8]	gtk_widget_set_accel_path [Gtk 2.8]
gtk_widget_set_app_paintable [Gtk 2.8]	gtk_widget_set_child_visible [Gtk 2.8]
gtk_widget_set_colormap [Gtk 2.8]	gtk_widget_set_composite_name [Gtk 2.8]
gtk_widget_set_default_colormap	gtk_widget_set_default_direction

[Gtk 2.8]	[Gtk 2.8]
gtk_widget_set_direction [Gtk 2.8]	gtk_widget_set_double_buffered [Gtk 2.8]
gtk_widget_set_events [Gtk 2.8]	gtk_widget_set_extension_events [Gtk 2.8]
gtk_widget_set_name [Gtk 2.8]	gtk_widget_set_no_show_all [Gtk 2.8]
gtk_widget_set_parent [Gtk 2.8]	gtk_widget_set_parent_window [Gtk 2.8]
gtk_widget_set_redraw_on_allocate [Gtk 2.8]	gtk_widget_set_scroll_adjustments [Gtk 2.8]
gtk_widget_set_sensitive [Gtk 2.8]	gtk_widget_set_size_request [Gtk 2.8]
gtk_widget_set_state [Gtk 2.8]	gtk_widget_set_style [Gtk 2.8]
gtk_widget_shape_combine_mask [Gtk 2.8]	gtk_widget_show [Gtk 2.8]
gtk_widget_show_all [Gtk 2.8]	gtk_widget_show_now [Gtk 2.8]
gtk_widget_size_allocate [Gtk 2.8]	gtk_widget_size_request [Gtk 2.8]
gtk_widget_style_get [Gtk 2.8]	gtk_widget_style_get_property [Gtk 2.8]
gtk_widget_style_get_valist [Gtk 2.8]	gtk_widget_thaw_child_notify [Gtk 2.8]
gtk_widget_translate_coordinates [Gtk 2.8]	gtk_widget_unmap [Gtk 2.8]
gtk_widget_unparent [Gtk 2.8]	gtk_widget_unrealize [Gtk 2.8]
gtk_widget_unref [Gtk 2.8]	gtk_window_activate_default [Gtk 2.8]
gtk_window_activate_focus [Gtk 2.8]	gtk_window_activate_key [Gtk 2.8]
gtk_window_add_accel_group [Gtk 2.8]	gtk_window_add_mnemonic [Gtk 2.8]
gtk_window_begin_move_drag [Gtk 2.8]	gtk_window_begin_resize_drag [Gtk 2.8]
gtk_window_deiconify [Gtk 2.8]	gtk_window_fullscreen [Gtk 2.8]
gtk_window_get_accept_focus [Gtk 2.8]	gtk_window_get_decorated [Gtk 2.8]
gtk_window_get_default_icon_list [Gtk 2.8]	gtk_window_get_default_size [Gtk 2.8]
gtk_window_get_destroy_with_parent [Gtk 2.8]	gtk_window_get_focus [Gtk 2.8]
gtk_window_get_focus_on_map [Gtk 2.8]	gtk_window_get_frame_dimensions [Gtk 2.8]
gtk_window_get_gravity [Gtk 2.8]	gtk_window_get_has_frame [Gtk 2.8]
gtk_window_get_icon [Gtk 2.8]	gtk_window_get_icon_list [Gtk 2.8]

© 2008 Linux Foundation

gtk_window_get_icon_name [Gtk 2.8]	gtk_window_get_mnemonic_modifier [Gtk 2.8]
gtk_window_get_modal [Gtk 2.8]	gtk_window_get_position [Gtk 2.8]
gtk_window_get_resizable [Gtk 2.8]	gtk_window_get_role [Gtk 2.8]
gtk_window_get_screen [Gtk 2.8]	gtk_window_get_size [Gtk 2.8]
gtk_window_get_skip_pager_hint [Gtk 2.8]	gtk_window_get_skip_taskbar_hint [Gtk 2.8]
gtk_window_get_title [Gtk 2.8]	gtk_window_get_transient_for [Gtk 2.8]
gtk_window_get_type [Gobject 2.8]	gtk_window_get_type_hint [Gtk 2.8]
gtk_window_get_urgency_hint [Gtk 2.8]	gtk_window_group_add_window [Gtk 2.8]
gtk_window_group_get_type [Gobject 2.8]	gtk_window_group_new [Gtk 2.8]
gtk_window_group_remove_window [Gtk 2.8]	gtk_window_has_toplevel_focus [Gtk 2.8]
gtk_window_iconify [Gtk 2.8]	gtk_window_is_active [Gtk 2.8]
gtk_window_list_toplevels [Gtk 2.8]	gtk_window_maximize [Gtk 2.8]
gtk_window_mnemonic_activate [Gtk 2.8]	gtk_window_move [Gtk 2.8]
gtk_window_new [Gtk 2.8]	gtk_window_parse_geometry [Gtk 2.8]
gtk_window_position_get_type [Gobject 2.8]	gtk_window_present [Gtk 2.8]
gtk_window_present_with_time [Gtk 2.8]	gtk_window_propagate_key_event [Gtk 2.8]
gtk_window_remove_accel_group [Gtk 2.8]	gtk_window_remove_mnemonic [Gtk 2.8]
gtk_window_reshow_with_initial_size [Gtk 2.8]	gtk_window_resize [Gtk 2.8]
gtk_window_set_accept_focus [Gtk 2.8]	gtk_window_set_auto_startup_notification [Gtk 2.8]
gtk_window_set_decorated [Gtk 2.8]	gtk_window_set_default [Gtk 2.8]
gtk_window_set_default_icon [Gtk 2.8]	gtk_window_set_default_icon_from_file [Gtk 2.8]
gtk_window_set_default_icon_list [Gtk 2.8]	gtk_window_set_default_icon_name [Gtk 2.8]
gtk_window_set_default_size [Gtk 2.8]	gtk_window_set_destroy_with_parent [Gtk 2.8]
gtk_window_set_focus [Gtk 2.8]	gtk_window_set_focus_on_map [Gtk 2.8]
gtk_window_set_frame_dimensions [Gtk 2.8]	gtk_window_set_geometry_hints [Gtk 2.8]
gtk_window_set_gravity [Gtk 2.8]	gtk_window_set_has_frame [Gtk 2.8]

gtk_window_set_icon [Gtk 2.8]	gtk_window_set_icon_from_file [Gtk 2.8]
gtk_window_set_icon_list [Gtk 2.8]	gtk_window_set_icon_name [Gtk 2.8]
gtk_window_set_keep_above [Gtk 2.8]	gtk_window_set_keep_below [Gtk 2.8]
gtk_window_set_mnemonic_modifier [Gtk 2.8]	gtk_window_set_modal [Gtk 2.8]
gtk_window_set_position [Gtk 2.8]	gtk_window_set_resizable [Gtk 2.8]
gtk_window_set_role [Gtk 2.8]	gtk_window_set_screen [Gtk 2.8]
gtk_window_set_skip_pager_hint [Gtk 2.8]	gtk_window_set_skip_taskbar_hint [Gtk 2.8]
gtk_window_set_title [Gtk 2.8]	gtk_window_set_transient_for [Gtk 2.8]
gtk_window_set_type_hint [Gtk 2.8]	gtk_window_set_urgency_hint [Gtk 2.8]
gtk_window_set_wmclass [Gtk 2.8]	gtk_window_stick [Gtk 2.8]
gtk_window_type_get_type [Gobject 2.8]	gtk_window_unfullscreen [Gtk 2.8]
gtk_window_unmaximize [Gtk 2.8]	gtk_window_unstick [Gtk 2.8]
gtk_wrap_mode_get_type [Gobject 2.8]	

An LSB conforming implementation shall provide the generic deprecated functions for GTK main Widgets library specified in Table 16-92, with the full mandatory functionality as described in the referenced underlying specification.

Note: These interfaces are deprecated, and applications should avoid using them. These interfaces may be withdrawn in future releases of this specification.

Table 16-92 libgtk-x11-2.0 - GTK main Widgets library Deprecated Function Interfaces

gtk_binding_parse_binding [Gtk 2.8]	gtk_file_selection_complete [Gtk 2.8]
gtk_file_selection_get_filename [Gtk 2.8]	gtk_file_selection_get_select_multiple [Gtk 2.8]
gtk_file_selection_get_selections [Gtk 2.8]	gtk_file_selection_hide_fileop_buttons [Gtk 2.8]
gtk_file_selection_new [Gtk 2.8]	gtk_file_selection_set_filename [Gtk 2.8]
gtk_file_selection_set_select_multiple [Gtk 2.8]	gtk_file_selection_show_fileop_buttons [Gtk 2.8]
gtk_menu_item_remove_submenu [Gtk 2.8]	gtk_rc_style_ref [Gtk 2.8]
gtk_rc_style_unref [Gtk 2.8]	gtk_toolbar_get_tooltips [LSB]
gtk_toolbar_set_tooltips [LSB]	gtk_tree_view_tree_to_widget_coords [Gtk 2.8]
gtk_tree_view_widget_to_tree_coord	gtk_widget_ref [Gtk 2.8]

 © 2008 Linux Foundation

s [Gtk 2.8]	
gtk_widget_unref [Gtk 2.8]	

An LSB conforming implementation shall provide the generic data interfaces for GTK main Widgets library specified in Table 16-93, with the full mandatory functionality as described in the referenced underlying specification.

Table 16-93 libgtk-x11-2.0 - GTK main Widgets library Data Interfaces

gtk_binary_age [Gtk 2.8]	gtk_debug_flags [Gtk 2.8]
gtk_interface_age [Gtk 2.8]	gtk_major_version [Gtk 2.8]
gtk_micro_version [Gtk 2.8]	gtk_minor_version [Gtk 2.8]

16.28 Data Definitions for libgtk-x11-2.0

This section defines global identifiers and their values that are associated with interfaces contained in libgtk-x11-2.0. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

16.28.1 gtk-2.0/gtk/gtk.h

```
#define GTK_NOTE(type,action)
#define GTK_OBJECT_FLOATING(obj)          \
        ((GTK_OBJECT_FLAGS (obj) & GTK_FLOATING) != 0)
#define GTK_WIDGET_APP_PAINTABLE(wid)     \
        ((GTK_WIDGET_FLAGS (wid) & GTK_APP_PAINTABLE) != 0)
#define GTK_WIDGET_CAN_DEFAULT(wid)       \
        ((GTK_WIDGET_FLAGS (wid) & GTK_CAN_DEFAULT) != 0)
#define GTK_WIDGET_CAN_FOCUS(wid)         \
        ((GTK_WIDGET_FLAGS (wid) & GTK_CAN_FOCUS) != 0)
#define GTK_WIDGET_COMPOSITE_CHILD(wid)   \
        ((GTK_WIDGET_FLAGS (wid) & GTK_COMPOSITE_CHILD) != 0)
#define GTK_WIDGET_DOUBLE_BUFFERED(wid)   \
        ((GTK_WIDGET_FLAGS (wid) & GTK_DOUBLE_BUFFERED) != 0)
#define GTK_WIDGET_HAS_DEFAULT(wid)       \
        ((GTK_WIDGET_FLAGS (wid) & GTK_HAS_DEFAULT) != 0)
#define GTK_WIDGET_HAS_FOCUS(wid)         \
        ((GTK_WIDGET_FLAGS (wid) & GTK_HAS_FOCUS) != 0)
#define GTK_WIDGET_HAS_GRAB(wid)          \
        ((GTK_WIDGET_FLAGS (wid) & GTK_HAS_GRAB) != 0)
#define GTK_WIDGET_MAPPED(wid)    \
        ((GTK_WIDGET_FLAGS (wid) & GTK_MAPPED) != 0)
#define GTK_WIDGET_NO_WINDOW(wid)         \
        ((GTK_WIDGET_FLAGS (wid) & GTK_NO_WINDOW) != 0)
```

```
#define GTK_WIDGET_PARENT_SENSITIVE(wid)         \
        ((GTK_WIDGET_FLAGS (wid) & GTK_PARENT_SENSITIVE) != 0)
#define GTK_WIDGET_RC_STYLE(wid)         \
        ((GTK_WIDGET_FLAGS (wid) & GTK_RC_STYLE) != 0)
#define GTK_WIDGET_REALIZED(wid)         \
        ((GTK_WIDGET_FLAGS (wid) & GTK_REALIZED) != 0)
#define GTK_WIDGET_RECEIVES_DEFAULT(wid)         \
        ((GTK_WIDGET_FLAGS (wid) & GTK_RECEIVES_DEFAULT) != 0)
#define GTK_WIDGET_SENSITIVE(wid)        \
        ((GTK_WIDGET_FLAGS (wid) & GTK_SENSITIVE) != 0)
#define GTK_WIDGET_TOPLEVEL(wid)         \
        ((GTK_WIDGET_FLAGS (wid) & GTK_TOPLEVEL) != 0)
#define GTK_WIDGET_VISIBLE(wid)  \
        ((GTK_WIDGET_FLAGS (wid) & GTK_VISIBLE) != 0)
#define GTK_TYPE_CALENDAR_DISPLAY_OPTIONS        \
        (gtk_calendar_display_options_get_type())
#define GTK_TYPE_CELL_RENDERER_PIXBUF    \
        (gtk_cell_renderer_pixbuf_get_type ())
#define GTK_TYPE_CELL_RENDERER_PROGRESS  \
        (gtk_cell_renderer_progress_get_type ())
#define GTK_TYPE_CELL_RENDERER_TOGGLE    \
        (gtk_cell_renderer_toggle_get_type ())
#define GTK_ICON_VIEW(obj)       \
        (GTK_CHECK_CAST ((obj), GTK_TYPE_ICON_VIEW, GtkIconView))
#define GTK_OBJECT(object)       \
        (GTK_CHECK_CAST ((object), GTK_TYPE_OBJECT, GtkObject))
#define GTK_ICON_VIEW_CLASS(klass)       \
        (GTK_CHECK_CLASS_CAST ((klass), GTK_TYPE_ICON_VIEW, \
        GtkIconViewClass))
#define GTK_LIST_CLASS(klass)    \
                 (GTK_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_LIST,
GtkListClass))
#define GTK_OBJECT_CLASS(klass)  \
               (GTK_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_OBJECT,
GtkObjectClass))
#define GTK_IS_ICON_VIEW_CLASS(klass)    \
        (GTK_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ICON_VIEW))
#define GTK_IS_LIST_CLASS(klass)         \
        (GTK_CHECK_CLASS_TYPE ((klass), GTK_TYPE_LIST))
#define GTK_IS_OBJECT_CLASS(klass)       \
        (GTK_CHECK_CLASS_TYPE ((klass), GTK_TYPE_OBJECT))
#define GTK_ICON_VIEW_GET_CLASS(obj)     \
               (GTK_CHECK_GET_CLASS  ((obj),  GTK_TYPE_ICON_VIEW,
GtkIconViewClass))
#define GTK_LIST_GET_CLASS(obj)  \
                   (GTK_CHECK_GET_CLASS  ((obj),  GTK_TYPE_LIST,
GtkListClass))
#define GTK_OBJECT_GET_CLASS(object)     \
               (GTK_CHECK_GET_CLASS  ((object),  GTK_TYPE_OBJECT,
GtkObjectClass))
#define GTK_TYPE_COLOR_SELECTION_DIALOG  \
        (gtk_color_selection_dialog_get_type ())
#define GTK_TYPE_FONT_SELECTION_DIALOG   \
        (gtk_font_selection_dialog_get_type ())
#define GTK_IS_RESIZE_CONTAINER(widget)  \
         (GTK_IS_CONTAINER (widget) && ((GtkContainer*) (widget))-
>resize_mode \
        != GTK_RESIZE_PARENT)
#define GTK_CHECK_VERSION(major,minor,micro)     \
           (GTK_MAJOR_VERSION > (major) || (GTK_MAJOR_VERSION ==
(major) && \
           GTK_MINOR_VERSION > (minor)) || (GTK_MAJOR_VERSION ==
(major) && \
            GTK_MINOR_VERSION == (minor) && GTK_MICRO_VERSION >=
(micro)))
#define GTK_TYPE_PROGRESS_BAR_ORIENTATION        \
```

 © 2008 Linux Foundation

```
        (gtk_progress_bar_orientation_get_type())
#define GTK_TYPE_SPIN_BUTTON_UPDATE_POLICY       \
        (gtk_spin_button_update_policy_get_type())
#define GTK_TYPE_TREE_VIEW_COLUMN_SIZING         \
        (gtk_tree_view_column_sizing_get_type())
#define GTK_TYPE_TREE_VIEW_DROP_POSITION         \
        (gtk_tree_view_drop_position_get_type())
#define GTK_TYPE_UI_MANAGER_ITEM_TYPE    \
        (gtk_ui_manager_item_type_get_type())
#define GTK_WIDGET_IS_SENSITIVE(wid)     \
                              (GTK_WIDGET_SENSITIVE    (wid)    &&
GTK_WIDGET_PARENT_SENSITIVE (wid))
#define GTK_WIDGET_DRAWABLE(wid)         \
        (GTK_WIDGET_VISIBLE (wid) && GTK_WIDGET_MAPPED (wid))
#define GTK_ABOUT_DIALOG_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_ABOUT_DIALOG,
\
        GtkAboutDialogClass))
#define GTK_ACCEL_GROUP_CLASS(klass)     \
                             (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_ACCEL_GROUP, \
        GtkAccelGroupClass))
#define GTK_ACCEL_LABEL_CLASS(klass)     \
                             (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_ACCEL_LABEL, \
        GtkAccelLabelClass))
#define GTK_ACCEL_MAP_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_ACCEL_MAP, \
        GtkAccelMapClass))
#define GTK_ACCESSIBLE_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_ACCESSIBLE, \
        GtkAccessibleClass))
#define GTK_ACTION_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_ACTION,
GtkActionClass))
#define GTK_ADJUSTMENT_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_ADJUSTMENT, \
        GtkAdjustmentClass))
#define GTK_ALIGNMENT_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_ALIGNMENT, \
        GtkAlignmentClass))
#define GTK_ARROW_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_ARROW,
GtkArrowClass))
#define GTK_ASPECT_FRAME_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_ASPECT_FRAME,
\
        GtkAspectFrameClass))
#define GTK_BIN_CLASS(klass)     \
               (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_BIN,
GtkBinClass))
#define GTK_BOX_CLASS(klass)     \
               (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_BOX,
GtkBoxClass))
#define GTK_BUTTON_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_BUTTON,
GtkButtonClass))
#define GTK_BUTTON_BOX_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_BUTTON_BOX, \
        GtkButtonBoxClass))
#define GTK_CALENDAR_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_CALENDAR, \
        GtkCalendarClass))
#define GTK_CELL_RENDERER_CLASS(klass)   \
                             (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_CELL_RENDERER, \
```

```
        GtkCellRendererClass))
#define GTK_CELL_RENDERER_COMBO_CLASS(klass)     \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_CELL_RENDERER_COMBO, \
        GtkCellRendererComboClass))
#define GTK_CELL_RENDERER_PIXBUF_CLASS(klass)    \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_CELL_RENDERER_PIXBUF, \
        GtkCellRendererPixbufClass))
#define GTK_CELL_RENDERER_PROGRESS_CLASS(klass)  \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_CELL_RENDERER_PROGRESS, \
        GtkCellRendererProgressClass))
#define GTK_CELL_RENDERER_TEXT_CLASS(klass)      \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_CELL_RENDERER_TEXT, \
        GtkCellRendererTextClass))
#define GTK_CELL_RENDERER_TOGGLE_CLASS(klass)    \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_CELL_RENDERER_TOGGLE, \
        GtkCellRendererToggleClass))
#define GTK_CHECK_BUTTON_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_CHECK_BUTTON,
\
        GtkCheckButtonClass))
#define GTK_CHECK_MENU_ITEM_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_CHECK_MENU_ITEM, \
        GtkCheckMenuItemClass))
#define GTK_COLOR_BUTTON_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_COLOR_BUTTON,
\
        GtkColorButtonClass))
#define GTK_COLOR_SELECTION_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_COLOR_SELECTION, \
        GtkColorSelectionClass))
#define GTK_COLOR_SELECTION_DIALOG_CLASS(klass)  \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_COLOR_SELECTION_DIALOG, \
        GtkColorSelectionDialogClass))
#define GTK_CONTAINER_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_CONTAINER, \
        GtkContainerClass))
#define GTK_CURVE_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_CURVE,
GtkCurveClass))
#define GTK_DIALOG_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_DIALOG,
GtkDialogClass))
#define GTK_DRAWING_AREA_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_DRAWING_AREA,
\
        GtkDrawingAreaClass))
#define GTK_ENTRY_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_ENTRY,
GtkEntryClass))
#define GTK_ENTRY_COMPLETION_CLASS(klass)        \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_ENTRY_COMPLETION, \
        GtkEntryCompletionClass))
#define GTK_EVENT_BOX_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_EVENT_BOX, \
        GtkEventBoxClass))
#define GTK_EXPANDER_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_EXPANDER, \
```

 © 2008 Linux Foundation

```
        GtkExpanderClass))
#define GTK_FILE_CHOOSER_BUTTON_CLASS(klass)     \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_FILE_CHOOSER_BUTTON, \
        GtkFileChooserButtonClass))
#define GTK_FILE_CHOOSER_DIALOG_CLASS(klass)     \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_FILE_CHOOSER_DIALOG, \
        GtkFileChooserDialogClass))
#define GTK_FILE_CHOOSER_WIDGET_CLASS(klass)     \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_FILE_CHOOSER_WIDGET, \
        GtkFileChooserWidgetClass))
#define GTK_FILE_SELECTION_CLASS(klass)  \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_FILE_SELECTION, \
        GtkFileSelectionClass))
#define GTK_FIXED_CLASS(klass)   \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_FIXED,
GtkFixedClass))
#define GTK_FONT_BUTTON_CLASS(klass)     \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_FONT_BUTTON, \
        GtkFontButtonClass))
#define GTK_FONT_SELECTION_CLASS(klass)  \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_FONT_SELECTION, \
        GtkFontSelectionClass))
#define GTK_FONT_SELECTION_DIALOG_CLASS(klass)   \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_FONT_SELECTION_DIALOG, \
        GtkFontSelectionDialogClass))
#define GTK_FRAME_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_FRAME,
GtkFrameClass))
#define GTK_GAMMA_CURVE_CLASS(klass)     \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_GAMMA_CURVE, \
        GtkGammaCurveClass))
#define GTK_HANDLE_BOX_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_HANDLE_BOX, \
        GtkHandleBoxClass))
#define GTK_HBOX_CLASS(klass)    \
               (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_HBOX,
GtkHBoxClass))
#define GTK_HBUTTON_BOX_CLASS(klass)     \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_HBUTTON_BOX, \
        GtkHButtonBoxClass))
#define GTK_HPANED_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_HPANED,
GtkHPanedClass))
#define GTK_HRULER_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_HRULER,
GtkHRulerClass))
#define GTK_HSCALE_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_HSCALE,
GtkHScaleClass))
#define GTK_HSCROLLBAR_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_HSCROLLBAR, \
        GtkHScrollbarClass))
#define GTK_HSEPARATOR_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_HSEPARATOR, \
        GtkHSeparatorClass))
#define GTK_ICON_FACTORY_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_ICON_FACTORY,
```

```
\
        GtkIconFactoryClass))
#define GTK_ICON_THEME_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_ICON_THEME, \
        GtkIconThemeClass))
#define GTK_IMAGE_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_IMAGE,
GtkImageClass))
#define GTK_IMAGE_MENU_ITEM_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_IMAGE_MENU_ITEM, \
        GtkImageMenuItemClass))
#define GTK_IM_CONTEXT_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_IM_CONTEXT, \
        GtkIMContextClass))
#define GTK_IM_CONTEXT_SIMPLE_CLASS(klass)       \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_IM_CONTEXT_SIMPLE, \
        GtkIMContextSimpleClass))
#define GTK_IM_MULTICONTEXT_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_IM_MULTICONTEXT, \
        GtkIMMulticontextClass))
#define GTK_INPUT_DIALOG_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_INPUT_DIALOG,
\
        GtkInputDialogClass))
#define GTK_INVISIBLE_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_INVISIBLE, \
        GtkInvisibleClass))
#define GTK_ITEM_CLASS(klass)    \
               (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_ITEM,
GtkItemClass))
#define GTK_LABEL_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_LABEL,
GtkLabelClass))
#define GTK_LAYOUT_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_LAYOUT,
GtkLayoutClass))
#define GTK_LIST_STORE_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_LIST_STORE, \
        GtkListStoreClass))
#define GTK_MENU_CLASS(klass)    \
               (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_MENU,
GtkMenuClass))
#define GTK_MENU_BAR_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_MENU_BAR, \
        GtkMenuBarClass))
#define GTK_MENU_ITEM_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_MENU_ITEM, \
        GtkMenuItemClass))
#define GTK_MENU_SHELL_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_MENU_SHELL, \
        GtkMenuShellClass))
#define GTK_MESSAGE_DIALOG_CLASS(klass)  \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_MESSAGE_DIALOG, \
        GtkMessageDialogClass))
#define GTK_MISC_CLASS(klass)    \
               (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_MISC,
GtkMiscClass))
#define GTK_NOTEBOOK_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_NOTEBOOK, \
        GtkNotebookClass))
#define GTK_PANED_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_PANED,
```

 © 2008 Linux Foundation

```
GtkPanedClass))
#define GTK_PLUG_CLASS(klass)    \
               (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_PLUG,
GtkPlugClass))
#define GTK_PROGRESS_BAR_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_PROGRESS_BAR,
\
        GtkProgressBarClass))
#define GTK_RADIO_ACTION_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_RADIO_ACTION,
\
        GtkRadioActionClass))
#define GTK_RADIO_BUTTON_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_RADIO_BUTTON,
\
        GtkRadioButtonClass))
#define GTK_RADIO_MENU_ITEM_CLASS(klass)         \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_RADIO_MENU_ITEM, \
        GtkRadioMenuItemClass))
#define GTK_RADIO_TOOL_BUTTON_CLASS(klass)       \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_RADIO_TOOL_BUTTON, \
        GtkRadioToolButtonClass))
#define GTK_RANGE_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_RANGE,
GtkRangeClass))
#define GTK_RC_STYLE_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_RC_STYLE, \
        GtkRcStyleClass))
#define GTK_RULER_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_RULER,
GtkRulerClass))
#define GTK_SCALE_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_SCALE,
GtkScaleClass))
#define GTK_SCROLLBAR_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_SCROLLBAR, \
        GtkScrollbarClass))
#define GTK_SCROLLED_WINDOW_CLASS(klass)         \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_SCROLLED_WINDOW, \
        GtkScrolledWindowClass))
#define GTK_SEPARATOR_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_SEPARATOR, \
        GtkSeparatorClass))
#define GTK_SEPARATOR_MENU_ITEM_CLASS(klass)     \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_SEPARATOR_MENU_ITEM, \
        GtkSeparatorMenuItemClass))
#define GTK_SEPARATOR_TOOL_ITEM_CLASS(klass)     \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_SEPARATOR_TOOL_ITEM, \
        GtkSeparatorToolItemClass))
#define GTK_SETTINGS_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_SETTINGS, \
        GtkSettingsClass))
#define GTK_SIZE_GROUP_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_SIZE_GROUP, \
        GtkSizeGroupClass))
#define GTK_SOCKET_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_SOCKET,
GtkSocketClass))
#define GTK_SPIN_BUTTON_CLASS(klass)     \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_SPIN_BUTTON, \
```

```
        GtkSpinButtonClass))
#define GTK_STATUSBAR_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_STATUSBAR, \
        GtkStatusbarClass))
#define GTK_STYLE_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_STYLE,
GtkStyleClass))
#define GTK_TABLE_CLASS(klass)   \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_TABLE,
GtkTableClass))
#define GTK_TEAROFF_MENU_ITEM_CLASS(klass)       \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_TEAROFF_MENU_ITEM, \
        GtkTearoffMenuItemClass))
#define GTK_TEXT_BUFFER_CLASS(klass)     \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_TEXT_BUFFER, \
        GtkTextBufferClass))
#define GTK_TEXT_CHILD_ANCHOR_CLASS(klass)       \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_TEXT_CHILD_ANCHOR, \
        GtkTextChildAnchorClass))
#define GTK_TEXT_MARK_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_TEXT_MARK, \
        GtkTextMarkClass))
#define GTK_TEXT_TAG_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_TEXT_TAG, \
        GtkTextTagClass))
#define GTK_TEXT_TAG_TABLE_CLASS(klass)  \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_TEXT_TAG_TABLE, \
        GtkTextTagTableClass))
#define GTK_TEXT_VIEW_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_TEXT_VIEW, \
        GtkTextViewClass))
#define GTK_TOGGLE_ACTION_CLASS(klass)   \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_TOGGLE_ACTION, \
        GtkToggleActionClass))
#define GTK_TOGGLE_BUTTON_CLASS(klass)   \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_TOGGLE_BUTTON, \
        GtkToggleButtonClass))
#define GTK_TOGGLE_TOOL_BUTTON_CLASS(klass)      \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_TOGGLE_TOOL_BUTTON, \
        GtkToggleToolButtonClass))
#define GTK_TOOLBAR_CLASS(klass)         \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_TOOLBAR, \
        GtkToolbarClass))
#define GTK_TOOLTIPS_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_TOOLTIPS, \
        GtkTooltipsClass))
#define GTK_TOOL_BUTTON_CLASS(klass)     \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_TOOL_BUTTON, \
        GtkToolButtonClass))
#define GTK_TOOL_ITEM_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_TOOL_ITEM, \
        GtkToolItemClass))
#define GTK_TREE_MODEL_SORT_CLASS(klass)         \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_TREE_MODEL_SORT, \
        GtkTreeModelSortClass))
#define GTK_TREE_SELECTION_CLASS(klass)  \
                              (G_TYPE_CHECK_CLASS_CAST    ((klass),
```

 © 2008 Linux Foundation

```
GTK_TYPE_TREE_SELECTION, \
        GtkTreeSelectionClass))
#define GTK_TREE_STORE_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_TREE_STORE, \
        GtkTreeStoreClass))
#define GTK_TREE_VIEW_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_TREE_VIEW, \
        GtkTreeViewClass))
#define GTK_TREE_VIEW_COLUMN_CLASS(klass)        \
                                (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_TREE_VIEW_COLUMN, \
        GtkTreeViewColumnClass))
#define GTK_UI_MANAGER_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_UI_MANAGER, \
        GtkUIManagerClass))
#define GTK_VBOX_CLASS(klass)    \
              (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_VBOX,
GtkVBoxClass))
#define GTK_VBUTTON_BOX_CLASS(klass)     \
                               (G_TYPE_CHECK_CLASS_CAST    ((klass),
GTK_TYPE_VBUTTON_BOX, \
        GtkVButtonBoxClass))
#define GTK_VIEWPORT_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_VIEWPORT, \
        GtkViewportClass))
#define GTK_VPANED_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_VPANED,
GtkVPanedClass))
#define GTK_VRULER_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_VRULER,
GtkVRulerClass))
#define GTK_VSCALE_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_VSCALE,
GtkVScaleClass))
#define GTK_VSCROLLBAR_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_VSCROLLBAR, \
        GtkVScrollbarClass))
#define GTK_VSEPARATOR_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_VSEPARATOR, \
        GtkVSeparatorClass))
#define GTK_WIDGET_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_WIDGET,
GtkWidgetClass))
#define GTK_WINDOW_CLASS(klass)  \
             (G_TYPE_CHECK_CLASS_CAST  ((klass),  GTK_TYPE_WINDOW,
GtkWindowClass))
#define GTK_WINDOW_GROUP_CLASS(klass)    \
         (G_TYPE_CHECK_CLASS_CAST ((klass), GTK_TYPE_WINDOW_GROUP,
\
        GtkWindowGroupClass))
#define GTK_CELL_EDITABLE_CLASS(obj)     \
                                 (G_TYPE_CHECK_CLASS_CAST    ((obj),
GTK_TYPE_CELL_EDITABLE, \
        GtkCellEditableIface))
#define GTK_TREE_SORTABLE_CLASS(obj)     \
                                 (G_TYPE_CHECK_CLASS_CAST    ((obj),
GTK_TYPE_TREE_SORTABLE, \
        GtkTreeSortableIface))
#define GTK_ACTION_GROUP_CLASS(vtable)   \
                               (G_TYPE_CHECK_CLASS_CAST    ((vtable),
GTK_TYPE_ACTION_GROUP, \
        GtkActionGroupClass))
#define GTK_CELL_VIEW_CLASS(vtable)      \
        (G_TYPE_CHECK_CLASS_CAST ((vtable), GTK_TYPE_CELL_VIEW, \
        GtkCellViewClass))
#define GTK_COMBO_BOX_CLASS(vtable)      \
```

```
        (G_TYPE_CHECK_CLASS_CAST ((vtable), GTK_TYPE_COMBO_BOX, \
        GtkComboBoxClass))
#define GTK_COMBO_BOX_ENTRY_CLASS(vtable)        \
                            (G_TYPE_CHECK_CLASS_CAST    ((vtable),
GTK_TYPE_COMBO_BOX_ENTRY, \
        GtkComboBoxEntryClass))
#define GTK_EDITABLE_CLASS(vtable)       \
        (G_TYPE_CHECK_CLASS_CAST ((vtable), GTK_TYPE_EDITABLE, \
        GtkEditableClass))
#define GTK_TREE_MODEL_FILTER_CLASS(vtable)      \
                            (G_TYPE_CHECK_CLASS_CAST    ((vtable),
GTK_TYPE_TREE_MODEL_FILTER, \
        GtkTreeModelFilterClass))
#define GTK_MENU_TOOL_BUTTON_CLASS(k)    \
                                    (G_TYPE_CHECK_CLASS_CAST((k),
GTK_TYPE_MENU_TOOL_BUTTON, \
        GtkMenuToolButtonClass))
#define GTK_IS_MENU_TOOL_BUTTON_CLASS(k)         \
                                (G_TYPE_CHECK_CLASS_TYPE    ((k),
GTK_TYPE_MENU_TOOL_BUTTON))
#define GTK_IS_ABOUT_DIALOG_CLASS(klass)         \
                            (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_ABOUT_DIALOG))
#define GTK_IS_ACCEL_GROUP_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ACCEL_GROUP))
#define GTK_IS_ACCEL_LABEL_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ACCEL_LABEL))
#define GTK_IS_ACCEL_MAP_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ACCEL_MAP))
#define GTK_IS_ACCESSIBLE_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ACCESSIBLE))
#define GTK_IS_ACTION_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ACTION))
#define GTK_IS_ADJUSTMENT_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ADJUSTMENT))
#define GTK_IS_ALIGNMENT_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ALIGNMENT))
#define GTK_IS_ARROW_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ARROW))
#define GTK_IS_ASPECT_FRAME_CLASS(klass)         \
                            (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_ASPECT_FRAME))
#define GTK_IS_BIN_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_BIN))
#define GTK_IS_BOX_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_BOX))
#define GTK_IS_BUTTON_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_BUTTON))
#define GTK_IS_BUTTON_BOX_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_BUTTON_BOX))
#define GTK_IS_CALENDAR_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_CALENDAR))
#define GTK_IS_CELL_RENDERER_CLASS(klass)        \
                            (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_CELL_RENDERER))
#define GTK_IS_CELL_RENDERER_COMBO_CLASS(klass)  \
                            (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_CELL_RENDERER_COMBO))
#define GTK_IS_CELL_RENDERER_PIXBUF_CLASS(klass)         \
                            (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_CELL_RENDERER_PIXBUF))
#define GTK_IS_CELL_RENDERER_PROGRESS_CLASS(klass)       \
                            (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_CELL_RENDERER_PROGRESS))
#define GTK_IS_CELL_RENDERER_TEXT_CLASS(klass)   \
                            (G_TYPE_CHECK_CLASS_TYPE    ((klass),
```

 © 2008 Linux Foundation

```
GTK_TYPE_CELL_RENDERER_TEXT))
#define GTK_IS_CELL_RENDERER_TOGGLE_CLASS(klass)         \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_CELL_RENDERER_TOGGLE))
#define GTK_IS_CHECK_BUTTON_CLASS(klass)         \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_CHECK_BUTTON))
#define GTK_IS_CHECK_MENU_ITEM_CLASS(klass)      \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_CHECK_MENU_ITEM))
#define GTK_IS_COLOR_BUTTON_CLASS(klass)         \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_COLOR_BUTTON))
#define GTK_IS_COLOR_SELECTION_CLASS(klass)      \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_COLOR_SELECTION))
#define GTK_IS_COLOR_SELECTION_DIALOG_CLASS(klass)       \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_COLOR_SELECTION_DIALOG))
#define GTK_IS_CONTAINER_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_CONTAINER))
#define GTK_IS_CURVE_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_CURVE))
#define GTK_IS_DIALOG_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_DIALOG))
#define GTK_IS_DRAWING_AREA_CLASS(klass)         \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_DRAWING_AREA))
#define GTK_IS_ENTRY_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ENTRY))
#define GTK_IS_ENTRY_COMPLETION_CLASS(klass)     \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_ENTRY_COMPLETION))
#define GTK_IS_EVENT_BOX_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_EVENT_BOX))
#define GTK_IS_EXPANDER_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_EXPANDER))
#define GTK_IS_FILE_CHOOSER_BUTTON_CLASS(klass)  \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_FILE_CHOOSER_BUTTON))
#define GTK_IS_FILE_CHOOSER_DIALOG_CLASS(klass)  \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_FILE_CHOOSER_DIALOG))
#define GTK_IS_FILE_CHOOSER_WIDGET_CLASS(klass)  \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_FILE_CHOOSER_WIDGET))
#define GTK_IS_FILE_SELECTION_CLASS(klass)       \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_FILE_SELECTION))
#define GTK_IS_FIXED_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_FIXED))
#define GTK_IS_FONT_BUTTON_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_FONT_BUTTON))
#define GTK_IS_FONT_SELECTION_CLASS(klass)       \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_FONT_SELECTION))
#define GTK_IS_FONT_SELECTION_DIALOG_CLASS(klass)        \
                              (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_FONT_SELECTION_DIALOG))
#define GTK_IS_FRAME_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_FRAME))
#define GTK_IS_GAMMA_CURVE_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_GAMMA_CURVE))
#define GTK_IS_HANDLE_BOX_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_HANDLE_BOX))
#define GTK_IS_HBOX_CLASS(klass)         \
```

```
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_HBOX))
#define GTK_IS_HBUTTON_BOX_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_HBUTTON_BOX))
#define GTK_IS_HPANED_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_HPANED))
#define GTK_IS_HRULER_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_HRULER))
#define GTK_IS_HSCALE_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_HSCALE))
#define GTK_IS_HSCROLLBAR_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_HSCROLLBAR))
#define GTK_IS_HSEPARATOR_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_HSEPARATOR))
#define GTK_IS_ICON_FACTORY_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_ICON_FACTORY))
#define GTK_IS_ICON_THEME_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ICON_THEME))
#define GTK_IS_IMAGE_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_IMAGE))
#define GTK_IS_IMAGE_MENU_ITEM_CLASS(klass)      \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_IMAGE_MENU_ITEM))
#define GTK_IS_IM_CONTEXT_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_IM_CONTEXT))
#define GTK_IS_IM_CONTEXT_SIMPLE_CLASS(klass)    \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_IM_CONTEXT_SIMPLE))
#define GTK_IS_IM_MULTICONTEXT_CLASS(klass)      \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_IM_MULTICONTEXT))
#define GTK_IS_INPUT_DIALOG_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_INPUT_DIALOG))
#define GTK_IS_INVISIBLE_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_INVISIBLE))
#define GTK_IS_ITEM_CLASS(klass)         \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_ITEM))
#define GTK_IS_LABEL_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_LABEL))
#define GTK_IS_LAYOUT_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_LAYOUT))
#define GTK_IS_LIST_STORE_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_LIST_STORE))
#define GTK_IS_MENU_CLASS(klass)         \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_MENU))
#define GTK_IS_MENU_BAR_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_MENU_BAR))
#define GTK_IS_MENU_ITEM_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_MENU_ITEM))
#define GTK_IS_MENU_SHELL_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_MENU_SHELL))
#define GTK_IS_MESSAGE_DIALOG_CLASS(klass)       \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_MESSAGE_DIALOG))
#define GTK_IS_MISC_CLASS(klass)         \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_MISC))
#define GTK_IS_NOTEBOOK_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_NOTEBOOK))
#define GTK_IS_PANED_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_PANED))
#define GTK_IS_PLUG_CLASS(klass)         \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_PLUG))
#define GTK_IS_PROGRESS_BAR_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_PROGRESS_BAR))
```

 © 2008 Linux Foundation

```
#define GTK_IS_RADIO_ACTION_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_RADIO_ACTION))
#define GTK_IS_RADIO_BUTTON_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_RADIO_BUTTON))
#define GTK_IS_RADIO_MENU_ITEM_CLASS(klass)      \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_RADIO_MENU_ITEM))
#define GTK_IS_RADIO_TOOL_BUTTON_CLASS(klass)    \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_RADIO_TOOL_BUTTON))
#define GTK_IS_RANGE_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_RANGE))
#define GTK_IS_RC_STYLE_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_RC_STYLE))
#define GTK_IS_RULER_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_RULER))
#define GTK_IS_SCALE_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_SCALE))
#define GTK_IS_SCROLLBAR_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_SCROLLBAR))
#define GTK_IS_SCROLLED_WINDOW_CLASS(klass)      \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_SCROLLED_WINDOW))
#define GTK_IS_SEPARATOR_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_SEPARATOR))
#define GTK_IS_SEPARATOR_MENU_ITEM_CLASS(klass)  \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_SEPARATOR_MENU_ITEM))
#define GTK_IS_SEPARATOR_TOOL_ITEM_CLASS(klass)  \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_SEPARATOR_TOOL_ITEM))
#define GTK_IS_SETTINGS_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_SETTINGS))
#define GTK_IS_SIZE_GROUP_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_SIZE_GROUP))
#define GTK_IS_SOCKET_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_SOCKET))
#define GTK_IS_SPIN_BUTTON_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_SPIN_BUTTON))
#define GTK_IS_STATUSBAR_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_STATUSBAR))
#define GTK_IS_STYLE_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_STYLE))
#define GTK_IS_TABLE_CLASS(klass)        \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TABLE))
#define GTK_IS_TEAROFF_MENU_ITEM_CLASS(klass)    \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_TEAROFF_MENU_ITEM))
#define GTK_IS_TEXT_BUFFER_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TEXT_BUFFER))
#define GTK_IS_TEXT_CHILD_ANCHOR_CLASS(klass)    \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_TEXT_CHILD_ANCHOR))
#define GTK_IS_TEXT_MARK_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TEXT_MARK))
#define GTK_IS_TEXT_TAG_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TEXT_TAG))
#define GTK_IS_TEXT_TAG_TABLE_CLASS(klass)       \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_TEXT_TAG_TABLE))
#define GTK_IS_TEXT_VIEW_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TEXT_VIEW))
#define GTK_IS_TOGGLE_ACTION_CLASS(klass)        \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
```

```
GTK_TYPE_TOGGLE_ACTION))
#define GTK_IS_TOGGLE_BUTTON_CLASS(klass)        \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_TOGGLE_BUTTON))
#define GTK_IS_TOGGLE_TOOL_BUTTON_CLASS(klass)   \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_TOGGLE_TOOL_BUTTON))
#define GTK_IS_TOOLBAR_CLASS(klass)      \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TOOLBAR))
#define GTK_IS_TOOLTIPS_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TOOLTIPS))
#define GTK_IS_TOOL_BUTTON_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TOOL_BUTTON))
#define GTK_IS_TOOL_ITEM_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TOOL_ITEM))
#define GTK_IS_TREE_MODEL_SORT_CLASS(klass)      \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_TREE_MODEL_SORT))
#define GTK_IS_TREE_SELECTION_CLASS(klass)       \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_TREE_SELECTION))
#define GTK_IS_TREE_STORE_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TREE_STORE))
#define GTK_IS_TREE_VIEW_CLASS(klass)    \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_TREE_VIEW))
#define GTK_IS_TREE_VIEW_COLUMN_CLASS(klass)     \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_TREE_VIEW_COLUMN))
#define GTK_IS_UI_MANAGER_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_UI_MANAGER))
#define GTK_IS_VBOX_CLASS(klass)         \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_VBOX))
#define GTK_IS_VBUTTON_BOX_CLASS(klass)  \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_VBUTTON_BOX))
#define GTK_IS_VIEWPORT_CLASS(klass)     \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_VIEWPORT))
#define GTK_IS_VPANED_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_VPANED))
#define GTK_IS_VRULER_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_VRULER))
#define GTK_IS_VSCALE_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_VSCALE))
#define GTK_IS_VSCROLLBAR_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_VSCROLLBAR))
#define GTK_IS_VSEPARATOR_CLASS(klass)   \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_VSEPARATOR))
#define GTK_IS_WIDGET_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_WIDGET))
#define GTK_IS_WINDOW_CLASS(klass)       \
        (G_TYPE_CHECK_CLASS_TYPE ((klass), GTK_TYPE_WINDOW))
#define GTK_IS_WINDOW_GROUP_CLASS(klass)         \
                                (G_TYPE_CHECK_CLASS_TYPE    ((klass),
GTK_TYPE_WINDOW_GROUP))
#define GTK_IS_ACTION_GROUP_CLASS(vtable)        \
                               (G_TYPE_CHECK_CLASS_TYPE    ((vtable),
GTK_TYPE_ACTION_GROUP))
#define GTK_IS_CELL_VIEW_CLASS(vtable)   \
        (G_TYPE_CHECK_CLASS_TYPE ((vtable), GTK_TYPE_CELL_VIEW))
#define GTK_IS_COMBO_BOX_CLASS(vtable)   \
        (G_TYPE_CHECK_CLASS_TYPE ((vtable), GTK_TYPE_COMBO_BOX))
#define GTK_IS_COMBO_BOX_ENTRY_CLASS(vtable)     \
                               (G_TYPE_CHECK_CLASS_TYPE    ((vtable),
GTK_TYPE_COMBO_BOX_ENTRY))
#define GTK_IS_EDITABLE_CLASS(vtable)    \
        (G_TYPE_CHECK_CLASS_TYPE ((vtable), GTK_TYPE_EDITABLE))
#define GTK_IS_TREE_MODEL_FILTER_CLASS(vtable)   \
```

 © 2008 Linux Foundation

```
                            (G_TYPE_CHECK_CLASS_TYPE    ((vtable),
GTK_TYPE_TREE_MODEL_FILTER))
#define GTK_ACCEL_MAP(accel_map)         \
                        (G_TYPE_CHECK_INSTANCE_CAST   ((accel_map),
GTK_TYPE_ACCEL_MAP, \
        GtkAccelMap))
#define GTK_MENU_TOOL_BUTTON(o)  \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((o),
GTK_TYPE_MENU_TOOL_BUTTON, \
        GtkMenuToolButton))
#define GTK_TOOL_ITEM(o)         \
           (G_TYPE_CHECK_INSTANCE_CAST ((o), GTK_TYPE_TOOL_ITEM,
GtkToolItem))
#define GTK_ACCEL_LABEL(obj)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_ACCEL_LABEL,
\
        GtkAccelLabel))
#define GTK_ACCESSIBLE(obj)      \
                            (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_ACCESSIBLE, \
        GtkAccessible))
#define GTK_ACTION(obj)  \
            (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_ACTION,
GtkAction))
#define GTK_ACTION_GROUP(obj)    \
                            (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_ACTION_GROUP, \
        GtkActionGroup))
#define GTK_ADJUSTMENT(obj)      \
                            (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_ADJUSTMENT, \
        GtkAdjustment))
#define GTK_ALIGNMENT(obj)       \
        (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_ALIGNMENT, \
        GtkAlignment))
#define GTK_ARROW(obj)   \
             (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_ARROW,
GtkArrow))
#define GTK_ASPECT_FRAME(obj)    \
                            (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_ASPECT_FRAME, \
        GtkAspectFrame))
#define GTK_BIN(obj)     \
                (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_BIN,
GtkBin))
#define GTK_BOX(obj)     \
                (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_BOX,
GtkBox))
#define GTK_BUTTON(obj)  \
            (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_BUTTON,
GtkButton))
#define GTK_BUTTON_BOX(obj)      \
                            (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_BUTTON_BOX, \
        GtkButtonBox))
#define GTK_CALENDAR(obj)        \
           (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_CALENDAR,
GtkCalendar))
#define GTK_CELL_EDITABLE(obj)   \
                            (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_CELL_EDITABLE, \
        GtkCellEditable))
#define GTK_CELL_LAYOUT(obj)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_CELL_LAYOUT,
\
        GtkCellLayout))
```

```
#define GTK_CELL_RENDERER(obj)   \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_CELL_RENDERER, \
        GtkCellRenderer))
#define GTK_CELL_RENDERER_COMBO(obj)     \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_CELL_RENDERER_COMBO, \
        GtkCellRendererCombo))
#define GTK_CELL_RENDERER_PIXBUF(obj)    \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_CELL_RENDERER_PIXBUF, \
        GtkCellRendererPixbuf))
#define GTK_CELL_RENDERER_PROGRESS(obj)  \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_CELL_RENDERER_PROGRESS, \
        GtkCellRendererProgress))
#define GTK_CELL_RENDERER_TEXT(obj)      \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_CELL_RENDERER_TEXT, \
        GtkCellRendererText))
#define GTK_CELL_RENDERER_TOGGLE(obj)    \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_CELL_RENDERER_TOGGLE, \
        GtkCellRendererToggle))
#define GTK_CELL_VIEW(obj)       \
          (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_CELL_VIEW,
GtkCellView))
#define GTK_CHECK_BUTTON(obj)    \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_CHECK_BUTTON, \
        GtkCheckButton))
#define GTK_CHECK_MENU_ITEM(obj)         \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_CHECK_MENU_ITEM, \
        GtkCheckMenuItem))
#define GTK_CLIPBOARD(obj)       \
        (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_CLIPBOARD, \
        GtkClipboard))
#define GTK_COLOR_BUTTON(obj)    \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_COLOR_BUTTON, \
        GtkColorButton))
#define GTK_COLOR_SELECTION(obj)         \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_COLOR_SELECTION, \
        GtkColorSelection))
#define GTK_COLOR_SELECTION_DIALOG(obj)  \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_COLOR_SELECTION_DIALOG, \
        GtkColorSelectionDialog))
#define GTK_COMBO_BOX(obj)       \
          (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_COMBO_BOX,
GtkComboBox))
#define GTK_COMBO_BOX_ENTRY(obj)         \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_COMBO_BOX_ENTRY, \
        GtkComboBoxEntry))
#define GTK_CONTAINER(obj)       \
        (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_CONTAINER, \
        GtkContainer))
#define GTK_CURVE(obj)   \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_CURVE,
GtkCurve))
#define GTK_DIALOG(obj)  \
            (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_DIALOG,
GtkDialog))
```

 © 2008 Linux Foundation

```
#define GTK_DRAWING_AREA(obj)    \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_DRAWING_AREA, \
        GtkDrawingArea))
#define GTK_EDITABLE(obj)        \
           (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_EDITABLE,
GtkEditable))
#define GTK_ENTRY(obj)   \
             (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_ENTRY,
GtkEntry))
#define GTK_ENTRY_COMPLETION(obj)        \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_ENTRY_COMPLETION, \
        GtkEntryCompletion))
#define GTK_EVENT_BOX(obj)       \
          (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_EVENT_BOX,
GtkEventBox))
#define GTK_EXPANDER(obj)        \
           (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_EXPANDER,
GtkExpander))
#define GTK_FILE_CHOOSER(obj)    \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_FILE_CHOOSER, \
        GtkFileChooser))
#define GTK_FILE_CHOOSER_DIALOG(obj)     \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_FILE_CHOOSER_DIALOG, \
        GtkFileChooserDialog))
#define GTK_FILE_CHOOSER_WIDGET(obj)     \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_FILE_CHOOSER_WIDGET, \
        GtkFileChooserWidget))
#define GTK_FILE_FILTER(obj)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_FILE_FILTER,
\
        GtkFileFilter))
#define GTK_FILE_SELECTION(obj)  \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_FILE_SELECTION, \
        GtkFileSelection))
#define GTK_FIXED(obj)   \
              (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_FIXED,
GtkFixed))
#define GTK_FONT_BUTTON(obj)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_FONT_BUTTON,
\
        GtkFontButton))
#define GTK_FONT_SELECTION(obj)  \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_FONT_SELECTION, \
        GtkFontSelection))
#define GTK_FONT_SELECTION_DIALOG(obj)   \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_FONT_SELECTION_DIALOG, \
        GtkFontSelectionDialog))
#define GTK_FRAME(obj)   \
              (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_FRAME,
GtkFrame))
#define GTK_GAMMA_CURVE(obj)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_GAMMA_CURVE,
\
        GtkGammaCurve))
#define GTK_HANDLE_BOX(obj)      \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_HANDLE_BOX, \
        GtkHandleBox))
```

```
#define GTK_HBOX(obj)    \
              (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_HBOX,
GtkHBox))
#define GTK_HBUTTON_BOX(obj)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_HBUTTON_BOX,
\
        GtkHButtonBox))
#define GTK_HPANED(obj)  \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_HPANED,
GtkHPaned))
#define GTK_HRULER(obj)  \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_HRULER,
GtkHRuler))
#define GTK_HSCALE(obj)  \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_HSCALE,
GtkHScale))
#define GTK_HSCROLLBAR(obj)      \
                               (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_HSCROLLBAR, \
        GtkHScrollbar))
#define GTK_HSEPARATOR(obj)      \
                               (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_HSEPARATOR, \
        GtkHSeparator))
#define GTK_ICON_THEME(obj)      \
                               (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_ICON_THEME, \
        GtkIconTheme))
#define GTK_IMAGE(obj)   \
              (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_IMAGE,
GtkImage))
#define GTK_IMAGE_MENU_ITEM(obj)         \
                               (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_IMAGE_MENU_ITEM, \
        GtkImageMenuItem))
#define GTK_IM_CONTEXT(obj)      \
                               (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_IM_CONTEXT, \
        GtkIMContext))
#define GTK_IM_CONTEXT_SIMPLE(obj)       \
                               (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_IM_CONTEXT_SIMPLE, \
        GtkIMContextSimple))
#define GTK_IM_MULTICONTEXT(obj)         \
                               (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_IM_MULTICONTEXT, \
        GtkIMMulticontext))
#define GTK_INPUT_DIALOG(obj)    \
                               (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_INPUT_DIALOG, \
        GtkInputDialog))
#define GTK_INVISIBLE(obj)       \
        (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_INVISIBLE, \
        GtkInvisible))
#define GTK_ITEM(obj)    \
               (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_ITEM,
GtkItem))
#define GTK_LABEL(obj)   \
              (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_LABEL,
GtkLabel))
#define GTK_LAYOUT(obj)  \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_LAYOUT,
GtkLayout))
#define GTK_LIST_STORE(obj)      \
                               (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_LIST_STORE, \
```

 © 2008 Linux Foundation

```
        GtkListStore))
#define GTK_MENU(obj)    \
              (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_MENU,
GtkMenu))
#define GTK_MENU_BAR(obj)        \
           (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_MENU_BAR,
GtkMenuBar))
#define GTK_MENU_ITEM(obj)       \
          (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_MENU_ITEM,
GtkMenuItem))
#define GTK_MENU_SHELL(obj)      \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_MENU_SHELL, \
        GtkMenuShell))
#define GTK_MESSAGE_DIALOG(obj)  \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_MESSAGE_DIALOG, \
        GtkMessageDialog))
#define GTK_MISC(obj)    \
              (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_MISC,
GtkMisc))
#define GTK_NOTEBOOK(obj)        \
           (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_NOTEBOOK,
GtkNotebook))
#define GTK_PANED(obj)   \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_PANED,
GtkPaned))
#define GTK_PLUG(obj)    \
              (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_PLUG,
GtkPlug))
#define GTK_PROGRESS_BAR(obj)    \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_PROGRESS_BAR, \
        GtkProgressBar))
#define GTK_RADIO_ACTION(obj)    \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_RADIO_ACTION, \
        GtkRadioAction))
#define GTK_RADIO_BUTTON(obj)    \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_RADIO_BUTTON, \
        GtkRadioButton))
#define GTK_RADIO_MENU_ITEM(obj)         \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_RADIO_MENU_ITEM, \
        GtkRadioMenuItem))
#define GTK_RADIO_TOOL_BUTTON(obj)       \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_RADIO_TOOL_BUTTON, \
        GtkRadioToolButton))
#define GTK_RANGE(obj)   \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_RANGE,
GtkRange))
#define GTK_RULER(obj)   \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_RULER,
GtkRuler))
#define GTK_SCALE(obj)   \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_SCALE,
GtkScale))
#define GTK_SCROLLBAR(obj)       \
        (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_SCROLLBAR, \
        GtkScrollbar))
#define GTK_SCROLLED_WINDOW(obj)         \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_SCROLLED_WINDOW, \
        GtkScrolledWindow))
```

```
#define GTK_SEPARATOR(obj)       \
        (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_SEPARATOR, \
        GtkSeparator))
#define GTK_SEPARATOR_MENU_ITEM(obj)     \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_SEPARATOR_MENU_ITEM, \
        GtkSeparatorMenuItem))
#define GTK_SEPARATOR_TOOL_ITEM(obj)     \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_SEPARATOR_TOOL_ITEM, \
        GtkSeparatorToolItem))
#define GTK_SETTINGS(obj)        \
           (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_SETTINGS,
GtkSettings))
#define GTK_SIZE_GROUP(obj)      \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_SIZE_GROUP, \
        GtkSizeGroup))
#define GTK_SOCKET(obj)  \
             (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_SOCKET,
GtkSocket))
#define GTK_SPIN_BUTTON(obj)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_SPIN_BUTTON,
\
        GtkSpinButton))
#define GTK_STATUSBAR(obj)       \
        (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_STATUSBAR, \
        GtkStatusbar))
#define GTK_TABLE(obj)   \
              (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_TABLE,
GtkTable))
#define GTK_TEAROFF_MENU_ITEM(obj)       \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TEAROFF_MENU_ITEM, \
        GtkTearoffMenuItem))
#define GTK_TEXT_BUFFER(obj)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_TEXT_BUFFER,
\
        GtkTextBuffer))
#define GTK_TEXT_TAG(obj)        \
           (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_TEXT_TAG,
GtkTextTag))
#define GTK_TEXT_TAG_TABLE(obj)  \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TEXT_TAG_TABLE, \
        GtkTextTagTable))
#define GTK_TEXT_VIEW(obj)       \
          (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_TEXT_VIEW,
GtkTextView))
#define GTK_TOGGLE_ACTION(obj)   \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TOGGLE_ACTION, \
        GtkToggleAction))
#define GTK_TOGGLE_BUTTON(obj)   \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TOGGLE_BUTTON, \
        GtkToggleButton))
#define GTK_TOGGLE_TOOL_BUTTON(obj)      \
                                (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TOGGLE_TOOL_BUTTON, \
        GtkToggleToolButton))
#define GTK_TOOLBAR(obj)         \
            (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_TOOLBAR,
GtkToolbar))
#define GTK_TOOLTIPS(obj)        \
           (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_TOOLTIPS,
```

 © 2008 Linux Foundation

```
GtkTooltips))
#define GTK_TOOL_BUTTON(obj)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_TOOL_BUTTON,
\
        GtkToolButton))
#define GTK_TREE_DRAG_DEST(obj)  \
                                 (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TREE_DRAG_DEST, \
        GtkTreeDragDest))
#define GTK_TREE_DRAG_SOURCE(obj)        \
                                 (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TREE_DRAG_SOURCE, \
        GtkTreeDragSource))
#define GTK_TREE_MODEL(obj)      \
                                 (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TREE_MODEL, \
        GtkTreeModel))
#define GTK_TREE_MODEL_FILTER(obj)       \
                                 (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TREE_MODEL_FILTER, \
        GtkTreeModelFilter))
#define GTK_TREE_MODEL_SORT(obj)         \
                                 (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TREE_MODEL_SORT, \
        GtkTreeModelSort))
#define GTK_TREE_SELECTION(obj)  \
                                 (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TREE_SELECTION, \
        GtkTreeSelection))
#define GTK_TREE_SORTABLE(obj)   \
                                 (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TREE_SORTABLE, \
        GtkTreeSortable))
#define GTK_TREE_STORE(obj)      \
                                 (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TREE_STORE, \
        GtkTreeStore))
#define GTK_TREE_VIEW(obj)       \
           (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_TREE_VIEW,
GtkTreeView))
#define GTK_TREE_VIEW_COLUMN(obj)        \
                                 (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_TREE_VIEW_COLUMN, \
        GtkTreeViewColumn))
#define GTK_UI_MANAGER(obj)      \
                                 (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_UI_MANAGER, \
        GtkUIManager))
#define GTK_VBOX(obj)    \
              (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_VBOX,
GtkVBox))
#define GTK_VBUTTON_BOX(obj)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_VBUTTON_BOX,
\
        GtkVButtonBox))
#define GTK_VIEWPORT(obj)        \
            (G_TYPE_CHECK_INSTANCE_CAST ((obj), GTK_TYPE_VIEWPORT,
GtkViewport))
#define GTK_VPANED(obj)  \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_VPANED,
GtkVPaned))
#define GTK_VRULER(obj)  \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_VRULER,
GtkVRuler))
#define GTK_VSCALE(obj)  \
             (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_VSCALE,
```

```
GtkVScale))
#define GTK_VSCROLLBAR(obj)      \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_VSCROLLBAR, \
        GtkVScrollbar))
#define GTK_VSEPARATOR(obj)      \
                              (G_TYPE_CHECK_INSTANCE_CAST    ((obj),
GTK_TYPE_VSEPARATOR, \
        GtkVSeparator))
#define GTK_WINDOW(obj)  \
            (G_TYPE_CHECK_INSTANCE_CAST  ((obj),  GTK_TYPE_WINDOW,
GtkWindow))
#define GTK_ABOUT_DIALOG(object)         \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GTK_TYPE_ABOUT_DIALOG, \
        GtkAboutDialog))
#define GTK_ACCEL_GROUP(object)  \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GTK_TYPE_ACCEL_GROUP, \
        GtkAccelGroup))
#define GTK_FILE_CHOOSER_BUTTON(object)  \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GTK_TYPE_FILE_CHOOSER_BUTTON, \
        GtkFileChooserButton))
#define GTK_ICON_FACTORY(object)         \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GTK_TYPE_ICON_FACTORY, \
        GtkIconFactory))
#define GTK_RC_STYLE(object)     \
         (G_TYPE_CHECK_INSTANCE_CAST ((object), GTK_TYPE_RC_STYLE,
\
        GtkRcStyle))
#define GTK_STYLE(object)        \
           (G_TYPE_CHECK_INSTANCE_CAST ((object), GTK_TYPE_STYLE,
GtkStyle))
#define GTK_TEXT_CHILD_ANCHOR(object)    \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GTK_TYPE_TEXT_CHILD_ANCHOR, \
        GtkTextChildAnchor))
#define GTK_TEXT_MARK(object)    \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GTK_TYPE_TEXT_MARK, \
        GtkTextMark))
#define GTK_WINDOW_GROUP(object)         \
                           (G_TYPE_CHECK_INSTANCE_CAST   ((object),
GTK_TYPE_WINDOW_GROUP, \
        GtkWindowGroup))
#define GTK_WIDGET(widget)       \
          (G_TYPE_CHECK_INSTANCE_CAST ((widget), GTK_TYPE_WIDGET,
GtkWidget))
#define GTK_IS_ACCEL_MAP(accel_map)      \
                        (G_TYPE_CHECK_INSTANCE_TYPE   ((accel_map),
GTK_TYPE_ACCEL_MAP))
#define GTK_IS_MENU_TOOL_BUTTON(o)       \
                             (G_TYPE_CHECK_INSTANCE_TYPE    ((o),
GTK_TYPE_MENU_TOOL_BUTTON))
#define GTK_IS_TOOL_ITEM(o)      \
        (G_TYPE_CHECK_INSTANCE_TYPE ((o), GTK_TYPE_TOOL_ITEM))
#define GTK_IS_ACCEL_LABEL(obj)  \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_ACCEL_LABEL))
#define GTK_IS_ACCESSIBLE(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_ACCESSIBLE))
#define GTK_IS_ACTION(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_ACTION))
#define GTK_IS_ACTION_GROUP(obj)         \
```

 © 2008 Linux Foundation

```
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_ACTION_GROUP))
#define GTK_IS_ADJUSTMENT(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_ADJUSTMENT))
#define GTK_IS_ALIGNMENT(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_ALIGNMENT))
#define GTK_IS_ARROW(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_ARROW))
#define GTK_IS_ASPECT_FRAME(obj)         \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_ASPECT_FRAME))
#define GTK_IS_BUTTON(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_BUTTON))
#define GTK_IS_BUTTON_BOX(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_BUTTON_BOX))
#define GTK_IS_CALENDAR(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_CALENDAR))
#define GTK_IS_CELL_EDITABLE(obj)        \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_CELL_EDITABLE))
#define GTK_IS_CELL_LAYOUT(obj)  \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_CELL_LAYOUT))
#define GTK_IS_CELL_RENDERER(obj)        \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_CELL_RENDERER))
#define GTK_IS_CELL_RENDERER_COMBO(obj)  \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_CELL_RENDERER_COMBO))
#define GTK_IS_CELL_RENDERER_PIXBUF(obj)         \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_CELL_RENDERER_PIXBUF))
#define GTK_IS_CELL_RENDERER_PROGRESS(obj)       \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_CELL_RENDERER_PROGRESS))
#define GTK_IS_CELL_RENDERER_TEXT(obj)   \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_CELL_RENDERER_TEXT))
#define GTK_IS_CELL_RENDERER_TOGGLE(obj)         \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_CELL_RENDERER_TOGGLE))
#define GTK_IS_CELL_VIEW(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_CELL_VIEW))
#define GTK_IS_CHECK_BUTTON(obj)         \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_CHECK_BUTTON))
#define GTK_IS_CHECK_MENU_ITEM(obj)      \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_CHECK_MENU_ITEM))
#define GTK_IS_CLIPBOARD(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_CLIPBOARD))
#define GTK_IS_COLOR_BUTTON(obj)         \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_COLOR_BUTTON))
#define GTK_IS_COLOR_SELECTION(obj)      \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_COLOR_SELECTION))
#define GTK_IS_COLOR_SELECTION_DIALOG(obj)       \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_COLOR_SELECTION_DIALOG))
#define GTK_IS_COMBO_BOX(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_COMBO_BOX))
#define GTK_IS_COMBO_BOX_ENTRY(obj)      \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_COMBO_BOX_ENTRY))
#define GTK_IS_CONTAINER(obj)    \
```

```
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_CONTAINER))
#define GTK_IS_CURVE(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_CURVE))
#define GTK_IS_DIALOG(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_DIALOG))
#define GTK_IS_DRAWING_AREA(obj)         \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_DRAWING_AREA))
#define GTK_IS_EDITABLE(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_EDITABLE))
#define GTK_IS_ENTRY(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_ENTRY))
#define GTK_IS_ENTRY_COMPLETION(obj)     \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_ENTRY_COMPLETION))
#define GTK_IS_EVENT_BOX(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_EVENT_BOX))
#define GTK_IS_EXPANDER(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_EXPANDER))
#define GTK_IS_FILE_CHOOSER(obj)         \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_FILE_CHOOSER))
#define GTK_IS_FILE_CHOOSER_DIALOG(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_FILE_CHOOSER_DIALOG))
#define GTK_IS_FILE_CHOOSER_WIDGET(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_FILE_CHOOSER_WIDGET))
#define GTK_IS_FILE_FILTER(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_FILE_FILTER))
#define GTK_IS_FILE_SELECTION(obj)       \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_FILE_SELECTION))
#define GTK_IS_FIXED(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_FIXED))
#define GTK_IS_FONT_BUTTON(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_FONT_BUTTON))
#define GTK_IS_FONT_SELECTION(obj)       \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_FONT_SELECTION))
#define GTK_IS_FONT_SELECTION_DIALOG(obj)        \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_FONT_SELECTION_DIALOG))
#define GTK_IS_FRAME(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_FRAME))
#define GTK_IS_GAMMA_CURVE(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_GAMMA_CURVE))
#define GTK_IS_HANDLE_BOX(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_HANDLE_BOX))
#define GTK_IS_HBOX(obj)         \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_HBOX))
#define GTK_IS_HBUTTON_BOX(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_HBUTTON_BOX))
#define GTK_IS_HPANED(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_HPANED))
#define GTK_IS_HRULER(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_HRULER))
#define GTK_IS_HSCALE(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_HSCALE))
#define GTK_IS_HSCROLLBAR(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_HSCROLLBAR))
#define GTK_IS_HSEPARATOR(obj)   \
```

 © 2008 Linux Foundation

```
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_HSEPARATOR))
#define GTK_IS_ICON_THEME(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_ICON_THEME))
#define GTK_IS_IMAGE(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_IMAGE))
#define GTK_IS_IMAGE_MENU_ITEM(obj)      \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_IMAGE_MENU_ITEM))
#define GTK_IS_IM_CONTEXT(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_IM_CONTEXT))
#define GTK_IS_IM_CONTEXT_SIMPLE(obj)    \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_IM_CONTEXT_SIMPLE))
#define GTK_IS_IM_MULTICONTEXT(obj)      \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_IM_MULTICONTEXT))
#define GTK_IS_INPUT_DIALOG(obj)         \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_INPUT_DIALOG))
#define GTK_IS_INVISIBLE(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_INVISIBLE))
#define GTK_IS_ITEM(obj)         \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_ITEM))
#define GTK_IS_LABEL(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_LABEL))
#define GTK_IS_LAYOUT(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_LAYOUT))
#define GTK_IS_LIST_STORE(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_LIST_STORE))
#define GTK_IS_MENU(obj)         \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_MENU))
#define GTK_IS_MENU_BAR(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_MENU_BAR))
#define GTK_IS_MENU_ITEM(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_MENU_ITEM))
#define GTK_IS_MENU_SHELL(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_MENU_SHELL))
#define GTK_IS_MESSAGE_DIALOG(obj)       \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_MESSAGE_DIALOG))
#define GTK_IS_MISC(obj)         \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_MISC))
#define GTK_IS_NOTEBOOK(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_NOTEBOOK))
#define GTK_IS_PANED(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_PANED))
#define GTK_IS_PLUG(obj)         \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_PLUG))
#define GTK_IS_PROGRESS_BAR(obj)         \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_PROGRESS_BAR))
#define GTK_IS_RADIO_ACTION(obj)         \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_RADIO_ACTION))
#define GTK_IS_RADIO_BUTTON(obj)         \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_RADIO_BUTTON))
#define GTK_IS_RADIO_MENU_ITEM(obj)      \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_RADIO_MENU_ITEM))
#define GTK_IS_RADIO_TOOL_BUTTON(obj)    \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_RADIO_TOOL_BUTTON))
#define GTK_IS_RANGE(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_RANGE))
#define GTK_IS_RULER(obj)        \
```

```
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_RULER))
#define GTK_IS_SCALE(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_SCALE))
#define GTK_IS_SCROLLBAR(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_SCROLLBAR))
#define GTK_IS_SCROLLED_WINDOW(obj)      \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_SCROLLED_WINDOW))
#define GTK_IS_SEPARATOR(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_SEPARATOR))
#define GTK_IS_SEPARATOR_MENU_ITEM(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_SEPARATOR_MENU_ITEM))
#define GTK_IS_SEPARATOR_TOOL_ITEM(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_SEPARATOR_TOOL_ITEM))
#define GTK_IS_SETTINGS(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_SETTINGS))
#define GTK_IS_SIZE_GROUP(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_SIZE_GROUP))
#define GTK_IS_SOCKET(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_SOCKET))
#define GTK_IS_SPIN_BUTTON(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_SPIN_BUTTON))
#define GTK_IS_STATUSBAR(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_STATUSBAR))
#define GTK_IS_TABLE(obj)        \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_TABLE))
#define GTK_IS_TEAROFF_MENU_ITEM(obj)    \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TEAROFF_MENU_ITEM))
#define GTK_IS_TEXT_BUFFER(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TEXT_BUFFER))
#define GTK_IS_TEXT_TAG(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_TEXT_TAG))
#define GTK_IS_TEXT_TAG_TABLE(obj)       \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TEXT_TAG_TABLE))
#define GTK_IS_TEXT_VIEW(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_TEXT_VIEW))
#define GTK_IS_TOGGLE_ACTION(obj)        \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TOGGLE_ACTION))
#define GTK_IS_TOGGLE_BUTTON(obj)        \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TOGGLE_BUTTON))
#define GTK_IS_TOGGLE_TOOL_BUTTON(obj)   \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TOGGLE_TOOL_BUTTON))
#define GTK_IS_TOOLBAR(obj)      \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_TOOLBAR))
#define GTK_IS_TOOLTIPS(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_TOOLTIPS))
#define GTK_IS_TOOL_BUTTON(obj)  \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TOOL_BUTTON))
#define GTK_IS_TREE_DRAG_DEST(obj)       \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TREE_DRAG_DEST))
#define GTK_IS_TREE_DRAG_SOURCE(obj)     \
                                (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TREE_DRAG_SOURCE))
#define GTK_IS_TREE_MODEL(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_TREE_MODEL))
```

 © 2008 Linux Foundation

```
#define GTK_IS_TREE_MODEL_FILTER(obj)    \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TREE_MODEL_FILTER))
#define GTK_IS_TREE_MODEL_SORT(obj)      \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TREE_MODEL_SORT))
#define GTK_IS_TREE_SELECTION(obj)       \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TREE_SELECTION))
#define GTK_IS_TREE_SORTABLE(obj)        \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TREE_SORTABLE))
#define GTK_IS_TREE_STORE(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_TREE_STORE))
#define GTK_IS_TREE_VIEW(obj)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_TREE_VIEW))
#define GTK_IS_TREE_VIEW_COLUMN(obj)     \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_TREE_VIEW_COLUMN))
#define GTK_IS_UI_MANAGER(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_UI_MANAGER))
#define GTK_IS_VBOX(obj)         \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_VBOX))
#define GTK_IS_VBUTTON_BOX(obj)  \
                              (G_TYPE_CHECK_INSTANCE_TYPE    ((obj),
GTK_TYPE_VBUTTON_BOX))
#define GTK_IS_VIEWPORT(obj)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_VIEWPORT))
#define GTK_IS_VPANED(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_VPANED))
#define GTK_IS_VRULER(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_VRULER))
#define GTK_IS_VSCALE(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_VSCALE))
#define GTK_IS_VSCROLLBAR(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_VSCROLLBAR))
#define GTK_IS_VSEPARATOR(obj)   \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_VSEPARATOR))
#define GTK_IS_WINDOW(obj)       \
        (G_TYPE_CHECK_INSTANCE_TYPE ((obj), GTK_TYPE_WINDOW))
#define GTK_IS_ABOUT_DIALOG(object)      \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GTK_TYPE_ABOUT_DIALOG))
#define GTK_IS_ACCEL_GROUP(object)       \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GTK_TYPE_ACCEL_GROUP))
#define GTK_IS_FILE_CHOOSER_BUTTON(object)       \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GTK_TYPE_FILE_CHOOSER_BUTTON))
#define GTK_IS_ICON_FACTORY(object)      \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GTK_TYPE_ICON_FACTORY))
#define GTK_IS_RC_STYLE(object)  \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GTK_TYPE_RC_STYLE))
#define GTK_IS_STYLE(object)     \
        (G_TYPE_CHECK_INSTANCE_TYPE ((object), GTK_TYPE_STYLE))
#define GTK_IS_TEXT_CHILD_ANCHOR(object)         \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GTK_TYPE_TEXT_CHILD_ANCHOR))
#define GTK_IS_TEXT_MARK(object)         \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GTK_TYPE_TEXT_MARK))
#define GTK_IS_WINDOW_GROUP(object)      \
                           (G_TYPE_CHECK_INSTANCE_TYPE   ((object),
GTK_TYPE_WINDOW_GROUP))
```

```
#define GTK_IS_WIDGET(widget)    \
        (G_TYPE_CHECK_INSTANCE_TYPE ((widget), GTK_TYPE_WIDGET))
#define GTK_ACTION_GROUP_GET_CLASS(inst)         \
                              (G_TYPE_INSTANCE_GET_CLASS    ((inst),
GTK_TYPE_ACTION_GROUP, \
        GtkActionGroupClass))
#define GTK_CELL_VIEW_GET_CLASS(inst)    \
        (G_TYPE_INSTANCE_GET_CLASS ((inst), GTK_TYPE_CELL_VIEW, \
        GtkCellViewClass))
#define GTK_COMBO_BOX_GET_CLASS(inst)    \
        (G_TYPE_INSTANCE_GET_CLASS ((inst), GTK_TYPE_COMBO_BOX, \
        GtkComboBoxClass))
#define GTK_COMBO_BOX_ENTRY_GET_CLASS(inst)      \
                              (G_TYPE_INSTANCE_GET_CLASS    ((inst),
GTK_TYPE_COMBO_BOX_ENTRY, \
        GtkComboBoxEntryClass))
#define GTK_MENU_TOOL_BUTTON_GET_CLASS(o)        \
                                (G_TYPE_INSTANCE_GET_CLASS    ((o),
GTK_TYPE_MENU_TOOL_BUTTON, \
        GtkMenuToolButtonClass))
#define GTK_ABOUT_DIALOG_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_ABOUT_DIALOG,
\
        GtkAboutDialogClass))
#define GTK_ACCEL_GROUP_GET_CLASS(obj)   \
                              (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_ACCEL_GROUP, \
        GtkAccelGroupClass))
#define GTK_ACCEL_LABEL_GET_CLASS(obj)   \
                              (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_ACCEL_LABEL, \
        GtkAccelLabelClass))
#define GTK_ACCEL_MAP_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_ACCEL_MAP, \
        GtkAccelMapClass))
#define GTK_ACCESSIBLE_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_ACCESSIBLE, \
        GtkAccessibleClass))
#define GTK_ADJUSTMENT_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_ADJUSTMENT, \
        GtkAdjustmentClass))
#define GTK_ALIGNMENT_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_ALIGNMENT, \
        GtkAlignmentClass))
#define GTK_ARROW_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_ARROW,
GtkArrowClass))
#define GTK_ASPECT_FRAME_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_ASPECT_FRAME,
\
        GtkAspectFrameClass))
#define GTK_BIN_GET_CLASS(obj)   \
               (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_BIN,
GtkBinClass))
#define GTK_BOX_GET_CLASS(obj)   \
               (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_BOX,
GtkBoxClass))
#define GTK_BUTTON_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_BUTTON,
GtkButtonClass))
#define GTK_BUTTON_BOX_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_BUTTON_BOX, \
        GtkButtonBoxClass))
#define GTK_CALENDAR_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_CALENDAR, \
        GtkCalendarClass))
```

 © 2008 Linux Foundation

```
#define GTK_CELL_RENDERER_GET_CLASS(obj)         \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_CELL_RENDERER, \
        GtkCellRendererClass))
#define GTK_CELL_RENDERER_COMBO_GET_CLASS(obj)   \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_CELL_RENDERER_COMBO, \
        GtkCellRendererTextClass))
#define GTK_CELL_RENDERER_PIXBUF_GET_CLASS(obj)  \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_CELL_RENDERER_PIXBUF, \
        GtkCellRendererPixbufClass))
#define GTK_CELL_RENDERER_PROGRESS_GET_CLASS(obj)        \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_CELL_RENDERER_PROGRESS, \
        GtkCellRendererProgressClass))
#define GTK_CELL_RENDERER_TEXT_GET_CLASS(obj)    \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_CELL_RENDERER_TEXT, \
        GtkCellRendererTextClass))
#define GTK_CELL_RENDERER_TOGGLE_GET_CLASS(obj)  \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_CELL_RENDERER_TOGGLE, \
        GtkCellRendererToggleClass))
#define GTK_CHECK_BUTTON_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_CHECK_BUTTON,
\
        GtkCheckButtonClass))
#define GTK_CHECK_MENU_ITEM_GET_CLASS(obj)       \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_CHECK_MENU_ITEM, \
        GtkCheckMenuItemClass))
#define GTK_COLOR_BUTTON_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_COLOR_BUTTON,
\
        GtkColorButtonClass))
#define GTK_COLOR_SELECTION_GET_CLASS(obj)       \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_COLOR_SELECTION, \
        GtkColorSelectionClass))
#define GTK_COLOR_SELECTION_DIALOG_GET_CLASS(obj)        \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_COLOR_SELECTION_DIALOG, \
        GtkColorSelectionDialogClass))
#define GTK_CONTAINER_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_CONTAINER, \
        GtkContainerClass))
#define GTK_CURVE_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_CURVE,
GtkCurveClass))
#define GTK_DIALOG_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_DIALOG,
GtkDialogClass))
#define GTK_DRAWING_AREA_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_DRAWING_AREA,
\
        GtkDrawingAreaClass))
#define GTK_ENTRY_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_ENTRY,
GtkEntryClass))
#define GTK_ENTRY_COMPLETION_GET_CLASS(obj)      \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_ENTRY_COMPLETION, \
        GtkEntryCompletionClass))
#define GTK_EVENT_BOX_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_EVENT_BOX, \
```

```
        GtkEventBoxClass))
#define GTK_EXPANDER_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_EXPANDER, \
        GtkExpanderClass))
#define GTK_FILE_CHOOSER_DIALOG_GET_CLASS(obj)   \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_FILE_CHOOSER_DIALOG, \
        GtkFileChooserDialogClass))
#define GTK_FILE_CHOOSER_WIDGET_GET_CLASS(obj)   \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_FILE_CHOOSER_WIDGET, \
        GtkFileChooserWidgetClass))
#define GTK_FILE_SELECTION_GET_CLASS(obj)        \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_FILE_SELECTION, \
        GtkFileSelectionClass))
#define GTK_FIXED_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_FIXED,
GtkFixedClass))
#define GTK_FONT_BUTTON_GET_CLASS(obj)   \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_FONT_BUTTON, \
        GtkFontButtonClass))
#define GTK_FONT_SELECTION_GET_CLASS(obj)        \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_FONT_SELECTION, \
        GtkFontSelectionClass))
#define GTK_FONT_SELECTION_DIALOG_GET_CLASS(obj)         \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_FONT_SELECTION_DIALOG, \
        GtkFontSelectionDialogClass))
#define GTK_FRAME_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_FRAME,
GtkFrameClass))
#define GTK_GAMMA_CURVE_GET_CLASS(obj)   \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_GAMMA_CURVE, \
        GtkGammaCurveClass))
#define GTK_HANDLE_BOX_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_HANDLE_BOX, \
        GtkHandleBoxClass))
#define GTK_HBOX_GET_CLASS(obj)  \
               (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_HBOX,
GtkHBoxClass))
#define GTK_HBUTTON_BOX_GET_CLASS(obj)   \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_HBUTTON_BOX, \
        GtkHButtonBoxClass))
#define GTK_HPANED_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_HPANED,
GtkHPanedClass))
#define GTK_HRULER_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_HRULER,
GtkHRulerClass))
#define GTK_HSCALE_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_HSCALE,
GtkHScaleClass))
#define GTK_HSCROLLBAR_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_HSCROLLBAR, \
        GtkHScrollbarClass))
#define GTK_HSEPARATOR_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_HSEPARATOR, \
        GtkHSeparatorClass))
#define GTK_ICON_FACTORY_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_ICON_FACTORY,
\
```

 © 2008 Linux Foundation

```
        GtkIconFactoryClass))
#define GTK_ICON_THEME_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_ICON_THEME, \
        GtkIconThemeClass))
#define GTK_IMAGE_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_IMAGE,
GtkImageClass))
#define GTK_IMAGE_MENU_ITEM_GET_CLASS(obj)       \
                              (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_IMAGE_MENU_ITEM, \
        GtkImageMenuItemClass))
#define GTK_IM_CONTEXT_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_IM_CONTEXT, \
        GtkIMContextClass))
#define GTK_IM_CONTEXT_SIMPLE_GET_CLASS(obj)     \
                              (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_IM_CONTEXT_SIMPLE, \
        GtkIMContextSimpleClass))
#define GTK_IM_MULTICONTEXT_GET_CLASS(obj)       \
                              (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_IM_MULTICONTEXT, \
        GtkIMMulticontextClass))
#define GTK_INPUT_DIALOG_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_INPUT_DIALOG,
\
        GtkInputDialogClass))
#define GTK_INVISIBLE_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_INVISIBLE, \
        GtkInvisibleClass))
#define GTK_ITEM_GET_CLASS(obj)  \
               (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_ITEM,
GtkItemClass))
#define GTK_LABEL_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_LABEL,
GtkLabelClass))
#define GTK_LAYOUT_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_LAYOUT,
GtkLayoutClass))
#define GTK_LIST_STORE_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_LIST_STORE, \
        GtkListStoreClass))
#define GTK_MENU_GET_CLASS(obj)  \
               (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_MENU,
GtkMenuClass))
#define GTK_MENU_BAR_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_MENU_BAR, \
        GtkMenuBarClass))
#define GTK_MENU_ITEM_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_MENU_ITEM, \
        GtkMenuItemClass))
#define GTK_MENU_SHELL_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_MENU_SHELL, \
        GtkMenuShellClass))
#define GTK_MESSAGE_DIALOG_GET_CLASS(obj)        \
                              (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_MESSAGE_DIALOG, \
        GtkMessageDialogClass))
#define GTK_MISC_GET_CLASS(obj)  \
               (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_MISC,
GtkMiscClass))
#define GTK_NOTEBOOK_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_NOTEBOOK, \
        GtkNotebookClass))
#define GTK_PANED_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_PANED,
GtkPanedClass))
```

```
#define GTK_PLUG_GET_CLASS(obj)  \
               (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_PLUG,
GtkPlugClass))
#define GTK_PROGRESS_BAR_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_PROGRESS_BAR,
\
        GtkProgressBarClass))
#define GTK_RADIO_BUTTON_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_RADIO_BUTTON,
\
        GtkRadioButtonClass))
#define GTK_RADIO_MENU_ITEM_GET_CLASS(obj)       \
                               (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_RADIO_MENU_ITEM, \
        GtkRadioMenuItemClass))
#define GTK_RANGE_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_RANGE,
GtkRangeClass))
#define GTK_RC_STYLE_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_RC_STYLE, \
        GtkRcStyleClass))
#define GTK_RULER_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_RULER,
GtkRulerClass))
#define GTK_SCALE_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_SCALE,
GtkScaleClass))
#define GTK_SCROLLBAR_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_SCROLLBAR, \
        GtkScrollbarClass))
#define GTK_SCROLLED_WINDOW_GET_CLASS(obj)       \
                               (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_SCROLLED_WINDOW, \
        GtkScrolledWindowClass))
#define GTK_SEPARATOR_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_SEPARATOR, \
        GtkSeparatorClass))
#define GTK_SEPARATOR_MENU_ITEM_GET_CLASS(obj)   \
                               (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_SEPARATOR_MENU_ITEM, \
        GtkSeparatorMenuItemClass))
#define GTK_SETTINGS_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_SETTINGS, \
        GtkSettingsClass))
#define GTK_SIZE_GROUP_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_SIZE_GROUP, \
        GtkSizeGroupClass))
#define GTK_SOCKET_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_SOCKET,
GtkSocketClass))
#define GTK_SPIN_BUTTON_GET_CLASS(obj)   \
                               (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_SPIN_BUTTON, \
        GtkSpinButtonClass))
#define GTK_STATUSBAR_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_STATUSBAR, \
        GtkStatusbarClass))
#define GTK_STYLE_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_STYLE,
GtkStyleClass))
#define GTK_TABLE_GET_CLASS(obj)         \
              (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_TABLE,
GtkTableClass))
#define GTK_TEAROFF_MENU_ITEM_GET_CLASS(obj)     \
                               (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_TEAROFF_MENU_ITEM, \
```

 © 2008 Linux Foundation

```
        GtkTearoffMenuItemClass))
#define GTK_TEXT_BUFFER_GET_CLASS(obj)   \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_TEXT_BUFFER, \
        GtkTextBufferClass))
#define GTK_TEXT_CHILD_ANCHOR_GET_CLASS(obj)     \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_TEXT_CHILD_ANCHOR, \
        GtkTextChildAnchorClass))
#define GTK_TEXT_MARK_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_TEXT_MARK, \
        GtkTextMarkClass))
#define GTK_TEXT_TAG_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_TEXT_TAG, \
        GtkTextTagClass))
#define GTK_TEXT_TAG_TABLE_GET_CLASS(obj)        \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_TEXT_TAG_TABLE, \
        GtkTextTagTableClass))
#define GTK_TEXT_VIEW_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_TEXT_VIEW, \
        GtkTextViewClass))
#define GTK_TOGGLE_BUTTON_GET_CLASS(obj)         \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_TOGGLE_BUTTON, \
        GtkToggleButtonClass))
#define GTK_TOOLBAR_GET_CLASS(obj)       \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_TOOLBAR, \
        GtkToolbarClass))
#define GTK_TOOLTIPS_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_TOOLTIPS, \
        GtkTooltipsClass))
#define GTK_TREE_MODEL_FILTER_GET_CLASS(inst)    \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_TREE_MODEL_FILTER, \
        GtkTreeModelFilterClass))
#define GTK_TREE_MODEL_SORT_GET_CLASS(obj)       \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_TREE_MODEL_SORT, \
        GtkTreeModelSortClass))
#define GTK_TREE_SELECTION_GET_CLASS(obj)        \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_TREE_SELECTION, \
        GtkTreeSelectionClass))
#define GTK_TREE_STORE_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_TREE_STORE, \
        GtkTreeStoreClass))
#define GTK_TREE_VIEW_GET_CLASS(obj)     \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_TREE_VIEW, \
        GtkTreeViewClass))
#define GTK_TREE_VIEW_COLUMN_GET_CLASS(obj)      \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_TREE_VIEW_COLUMN, \
        GtkTreeViewColumnClass))
#define GTK_VBOX_GET_CLASS(obj)  \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_VBOX,
GtkVBoxClass))
#define GTK_VBUTTON_BOX_GET_CLASS(obj)   \
                                (G_TYPE_INSTANCE_GET_CLASS    ((obj),
GTK_TYPE_VBUTTON_BOX, \
        GtkVButtonBoxClass))
#define GTK_VIEWPORT_GET_CLASS(obj)      \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_VIEWPORT, \
        GtkViewportClass))
#define GTK_VPANED_GET_CLASS(obj)        \
            (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_VPANED,
```

```
GtkVPanedClass))
#define GTK_VRULER_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_VRULER,
GtkVRulerClass))
#define GTK_VSCALE_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_VSCALE,
GtkVScaleClass))
#define GTK_VSCROLLBAR_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_VSCROLLBAR, \
        GtkVScrollbarClass))
#define GTK_VSEPARATOR_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_VSEPARATOR, \
        GtkVSeparatorClass))
#define GTK_WIDGET_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_WIDGET,
GtkWidgetClass))
#define GTK_WINDOW_GET_CLASS(obj)        \
             (G_TYPE_INSTANCE_GET_CLASS  ((obj),  GTK_TYPE_WINDOW,
GtkWindowClass))
#define GTK_WINDOW_GROUP_GET_CLASS(obj)  \
         (G_TYPE_INSTANCE_GET_CLASS ((obj), GTK_TYPE_WINDOW_GROUP,
\
        GtkWindowGroupClass))
#define GTK_FILE_CHOOSER_BUTTON_GET_CLASS(object)        \
                          (G_TYPE_INSTANCE_GET_CLASS   ((object),
GTK_TYPE_FILE_CHOOSER_BUTTON, \
        GtkFileChooserButtonClass))
#define GTK_TOOL_ITEM_GET_CLASS(o)       \
        (G_TYPE_INSTANCE_GET_CLASS((o), GTK_TYPE_TOOL_ITEM, \
        GtkToolItemClass))
#define GTK_ACTION_GET_CLASS(obj)        \
              (G_TYPE_INSTANCE_GET_CLASS((obj),  GTK_TYPE_ACTION,
GtkActionClass))
#define GTK_RADIO_ACTION_GET_CLASS(obj)  \
                                  (G_TYPE_INSTANCE_GET_CLASS((obj),
GTK_TYPE_RADIO_ACTION, \
        GtkRadioActionClass))
#define GTK_RADIO_TOOL_BUTTON_GET_CLASS(obj)     \
                                  (G_TYPE_INSTANCE_GET_CLASS((obj),
GTK_TYPE_RADIO_TOOL_BUTTON, \
        GtkRadioToolButtonClass))
#define GTK_SEPARATOR_TOOL_ITEM_GET_CLASS(obj)   \
                                  (G_TYPE_INSTANCE_GET_CLASS((obj),
GTK_TYPE_SEPARATOR_TOOL_ITEM, \
        GtkSeparatorToolItemClass))
#define GTK_TOGGLE_ACTION_GET_CLASS(obj)         \
         (G_TYPE_INSTANCE_GET_CLASS((obj), GTK_TYPE_TOGGLE_ACTION,
\
        GtkToggleActionClass))
#define GTK_TOGGLE_TOOL_BUTTON_GET_CLASS(obj)    \
                                  (G_TYPE_INSTANCE_GET_CLASS((obj),
GTK_TYPE_TOGGLE_TOOL_BUTTON, \
        GtkToggleToolButtonClass))
#define GTK_TOOL_BUTTON_GET_CLASS(obj)   \
        (G_TYPE_INSTANCE_GET_CLASS((obj), GTK_TYPE_TOOL_BUTTON, \
        GtkToolButtonClass))
#define GTK_UI_MANAGER_GET_CLASS(obj)    \
        (G_TYPE_INSTANCE_GET_CLASS((obj), GTK_TYPE_UI_MANAGER, \
        GtkUIManagerClass))
#define GTK_EDITABLE_GET_CLASS(inst)     \
                           (G_TYPE_INSTANCE_GET_INTERFACE   ((inst),
GTK_TYPE_EDITABLE, \
        GtkEditableClass))
#define GTK_CELL_EDITABLE_GET_IFACE(obj)         \
                            (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
GTK_TYPE_CELL_EDITABLE, \
```

 © 2008 Linux Foundation

```
        GtkCellEditableIface))
#define GTK_CELL_LAYOUT_GET_IFACE(obj)   \
                        (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
GTK_TYPE_CELL_LAYOUT, \
        GtkCellLayoutIface))
#define GTK_TREE_DRAG_DEST_GET_IFACE(obj)        \
                        (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
GTK_TYPE_TREE_DRAG_DEST, \
        GtkTreeDragDestIface))
#define GTK_TREE_DRAG_SOURCE_GET_IFACE(obj)      \
                        (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
GTK_TYPE_TREE_DRAG_SOURCE, \
        GtkTreeDragSourceIface))
#define GTK_TREE_MODEL_GET_IFACE(obj)    \
                        (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
GTK_TYPE_TREE_MODEL, \
        GtkTreeModelIface))
#define GTK_TREE_SORTABLE_GET_IFACE(obj)         \
                        (G_TYPE_INSTANCE_GET_INTERFACE   ((obj),
GTK_TYPE_TREE_SORTABLE, \
        GtkTreeSortableIface))
#define GTK_OBJECT_TYPE_NAME(object)     \
        (g_type_name (GTK_OBJECT_TYPE (object)))
#define
GTK_CONTAINER_WARN_INVALID_CHILD_PROPERTY_ID(object,property_id,p
spec)   \
           G_OBJECT_WARN_INVALID_PSPEC ((object), "child property
id", \
        (property_id), (pspec))
#define GTK_OBJECT_UNSET_FLAGS(obj,flag)         \
            G_STMT_START{ (GTK_OBJECT_FLAGS (obj) &= ~(flag)); }
G_STMT_END
#define GTK_OBJECT_SET_FLAGS(obj,flag)   \
            G_STMT_START{ (GTK_OBJECT_FLAGS (obj) |= (flag)); }
G_STMT_END
#define GTK_WIDGET_UNSET_FLAGS(wid,flag)         \
            G_STMT_START{ (GTK_WIDGET_FLAGS (wid) &= ~(flag)); }
G_STMT_END
#define GTK_WIDGET_SET_FLAGS(wid,flag)   \
            G_STMT_START{ (GTK_WIDGET_FLAGS (wid) |= (flag)); }
G_STMT_END
#define GTK_INTERFACE_AGE       (10)
#define GTK_MICRO_VERSION       (11)
#define GTK_MAJOR_VERSION       (2)
#define GTK_BINARY_AGE  (610)
#define GTK_MINOR_VERSION       (8)
#define GTK_TEXT_VIEW_PRIORITY_VALIDATE (GDK_PRIORITY_REDRAW + 5)
#define GTK_TYPE_ABOUT_DIALOG   (gtk_about_dialog_get_type ())
#define GTK_TYPE_ACCEL_FLAGS    (gtk_accel_flags_get_type())
#define GTK_TYPE_ACCEL_GROUP    (gtk_accel_group_get_type ())
#define GTK_TYPE_ACCEL_LABEL    (gtk_accel_label_get_type ())
#define GTK_TYPE_ACCEL_MAP      (gtk_accel_map_get_type ())
#define GTK_TYPE_ACCESSIBLE     (gtk_accessible_get_type ())
#define GTK_TYPE_ACTION (gtk_action_get_type ())
#define GTK_TYPE_ACTION_GROUP   (gtk_action_group_get_type ())
#define GTK_TYPE_ADJUSTMENT     (gtk_adjustment_get_type ())
#define GTK_TYPE_ALIGNMENT      (gtk_alignment_get_type ())
#define GTK_TYPE_ANCHOR_TYPE    (gtk_anchor_type_get_type())
#define GTK_TYPE_ARG_FLAGS      (gtk_arg_flags_get_type())
#define GTK_TYPE_ARROW  (gtk_arrow_get_type ())
#define GTK_TYPE_ARROW_TYPE     (gtk_arrow_type_get_type())
#define GTK_TYPE_ASPECT_FRAME   (gtk_aspect_frame_get_type ())
#define GTK_TYPE_ATTACH_OPTIONS (gtk_attach_options_get_type())
#define GTK_TYPE_BIN    (gtk_bin_get_type ())
#define GTK_TYPE_BORDER (gtk_border_get_type ())
#define GTK_TYPE_BOX    (gtk_box_get_type ())
```

```
#define GTK_TYPE_BUTTONS_TYPE   (gtk_buttons_type_get_type())
#define GTK_TYPE_BUTTON_BOX     (gtk_button_box_get_type ())
#define                                 GTK_TYPE_BUTTON_BOX_STYLE
(gtk_button_box_style_get_type())
#define GTK_TYPE_BUTTON (gtk_button_get_type ())
#define GTK_TYPE_CALENDAR       (gtk_calendar_get_type ())
#define GTK_TYPE_CELL_EDITABLE  (gtk_cell_editable_get_type ())
#define GTK_TYPE_CELL_LAYOUT    (gtk_cell_layout_get_type ())
#define                                 GTK_TYPE_CELL_RENDERER_COMBO
(gtk_cell_renderer_combo_get_type ())
#define GTK_TYPE_CELL_RENDERER  (gtk_cell_renderer_get_type ())
#define                                  GTK_TYPE_CELL_RENDERER_MODE
(gtk_cell_renderer_mode_get_type())
#define                                 GTK_TYPE_CELL_RENDERER_STATE
(gtk_cell_renderer_state_get_type())
#define                                  GTK_TYPE_CELL_RENDERER_TEXT
(gtk_cell_renderer_text_get_type ())
#define GTK_TYPE_CELL_VIEW      (gtk_cell_view_get_type ())
#define GTK_TYPE_CHECK_BUTTON   (gtk_check_button_get_type ())
#define  GTK_LIST(obj)     (GTK_CHECK_CAST  ((obj),  GTK_TYPE_LIST,
GtkList))
#define                                   GTK_TYPE_CHECK_MENU_ITEM
(gtk_check_menu_item_get_type ())
#define   GTK_IS_ICON_VIEW(obj)         (GTK_CHECK_TYPE   ((obj),
GTK_TYPE_ICON_VIEW))
#define  GTK_IS_LIST(obj)               (GTK_CHECK_TYPE  ((obj),
GTK_TYPE_LIST))
#define   GTK_IS_OBJECT(object)       (GTK_CHECK_TYPE   ((object),
GTK_TYPE_OBJECT))
#define GTK_TYPE_CLIPBOARD      (gtk_clipboard_get_type ())
#define GTK_TYPE_COLOR_BUTTON   (gtk_color_button_get_type ())
#define                                   GTK_TYPE_COLOR_SELECTION
(gtk_color_selection_get_type ())
#define                                   GTK_TYPE_COMBO_BOX_ENTRY
(gtk_combo_box_entry_get_type ())
#define GTK_TYPE_COMBO_BOX      (gtk_combo_box_get_type ())
#define GTK_TYPE_CONTAINER      (gtk_container_get_type ())
#define GTK_TYPE_CORNER_TYPE    (gtk_corner_type_get_type())
#define GTK_TYPE_CURVE  (gtk_curve_get_type ())
#define GTK_TYPE_CURVE_TYPE     (gtk_curve_type_get_type())
#define GTK_TYPE_DEBUG_FLAG     (gtk_debug_flag_get_type())
#define GTK_TYPE_DELETE_TYPE    (gtk_delete_type_get_type())
#define GTK_TYPE_DEST_DEFAULTS  (gtk_dest_defaults_get_type())
#define GTK_TYPE_DIALOG_FLAGS   (gtk_dialog_flags_get_type())
#define GTK_TYPE_DIALOG (gtk_dialog_get_type ())
#define GTK_TYPE_DIRECTION_TYPE (gtk_direction_type_get_type())
#define GTK_TYPE_DRAWING_AREA   (gtk_drawing_area_get_type ())
#define GTK_TYPE_EDITABLE       (gtk_editable_get_type ())
#define                                 GTK_TYPE_ENTRY_COMPLETION
(gtk_entry_completion_get_type ())
#define GTK_TYPE_ENTRY  (gtk_entry_get_type ())
#define GTK_TYPE_EVENT_BOX      (gtk_event_box_get_type ())
#define GTK_TYPE_EXPANDER       (gtk_expander_get_type ())
#define GTK_TYPE_EXPANDER_STYLE (gtk_expander_style_get_type())
#define                                 GTK_TYPE_FILE_CHOOSER_ACTION
(gtk_file_chooser_action_get_type())
#define                                 GTK_TYPE_FILE_CHOOSER_BUTTON
(gtk_file_chooser_button_get_type ())
#define                                 GTK_TYPE_FILE_CHOOSER_DIALOG
(gtk_file_chooser_dialog_get_type ())
#define                                  GTK_TYPE_FILE_CHOOSER_ERROR
(gtk_file_chooser_error_get_type())
#define GTK_FILE_CHOOSER_ERROR  (gtk_file_chooser_error_quark ())
#define GTK_TYPE_FILE_CHOOSER   (gtk_file_chooser_get_type ())
#define                                 GTK_TYPE_FILE_CHOOSER_WIDGET
(gtk_file_chooser_widget_get_type ())
```

 © 2008 Linux Foundation

```
#define                                 GTK_TYPE_FILE_FILTER_FLAGS
(gtk_file_filter_flags_get_type())
#define GTK_TYPE_FILE_FILTER    (gtk_file_filter_get_type ())
#define GTK_TYPE_FILE_SELECTION (gtk_file_selection_get_type ())
#define GTK_TYPE_FIXED  (gtk_fixed_get_type ())
#define GTK_TYPE_FONT_BUTTON    (gtk_font_button_get_type ())
#define GTK_TYPE_FONT_SELECTION (gtk_font_selection_get_type ())
#define GTK_TYPE_FRAME  (gtk_frame_get_type ())
#define GTK_TYPE_GAMMA_CURVE    (gtk_gamma_curve_get_type ())
#define GTK_TYPE_HANDLE_BOX     (gtk_handle_box_get_type ())
#define GTK_TYPE_HBOX   (gtk_hbox_get_type ())
#define GTK_TYPE_HBUTTON_BOX    (gtk_hbutton_box_get_type ())
#define GTK_TYPE_HPANED (gtk_hpaned_get_type ())
#define GTK_TYPE_HRULER (gtk_hruler_get_type ())
#define GTK_TYPE_HSCALE (gtk_hscale_get_type ())
#define GTK_TYPE_HSCROLLBAR     (gtk_hscrollbar_get_type ())
#define GTK_TYPE_HSEPARATOR     (gtk_hseparator_get_type ())
#define GTK_TYPE_ICON_FACTORY   (gtk_icon_factory_get_type ())
#define GTK_TYPE_ICON_INFO      (gtk_icon_info_get_type ())
#define                                 GTK_TYPE_ICON_LOOKUP_FLAGS
(gtk_icon_lookup_flags_get_type())
#define GTK_TYPE_ICON_SET       (gtk_icon_set_get_type ())
#define GTK_TYPE_ICON_SIZE      (gtk_icon_size_get_type())
#define GTK_TYPE_ICON_SOURCE    (gtk_icon_source_get_type ())
#define                                  GTK_TYPE_ICON_THEME_ERROR
(gtk_icon_theme_error_get_type())
#define GTK_TYPE_ICON_THEME     (gtk_icon_theme_get_type ())
#define GTK_TYPE_ICON_VIEW      (gtk_icon_view_get_type ())
#define GTK_TYPE_IDENTIFIER     (gtk_identifier_get_type ())
#define GTK_TYPE_IMAGE  (gtk_image_get_type ())
#define                                   GTK_TYPE_IMAGE_MENU_ITEM
(gtk_image_menu_item_get_type ())
#define GTK_TYPE_IMAGE_TYPE     (gtk_image_type_get_type())
#define GTK_TYPE_IM_CONTEXT     (gtk_im_context_get_type ())
#define                                 GTK_TYPE_IM_CONTEXT_SIMPLE
(gtk_im_context_simple_get_type ())
#define                                   GTK_TYPE_IM_MULTICONTEXT
(gtk_im_multicontext_get_type ())
#define                                 GTK_TYPE_IM_PREEDIT_STYLE
(gtk_im_preedit_style_get_type())
#define                                   GTK_TYPE_IM_STATUS_STYLE
(gtk_im_status_style_get_type())
#define GTK_TYPE_INPUT_DIALOG   (gtk_input_dialog_get_type ())
#define GTK_TYPE_INVISIBLE      (gtk_invisible_get_type ())
#define GTK_TYPE_ITEM   (gtk_item_get_type ())
#define GTK_TYPE_JUSTIFICATION  (gtk_justification_get_type())
#define GTK_TYPE_LABEL  (gtk_label_get_type ())
#define GTK_TYPE_LAYOUT (gtk_layout_get_type ())
#define GTK_TYPE_LIST   (gtk_list_get_type ())
#define GTK_TYPE_LIST_STORE     (gtk_list_store_get_type ())
#define GTK_TYPE_MATCH_TYPE     (gtk_match_type_get_type())
#define GTK_TYPE_MENU_BAR       (gtk_menu_bar_get_type ())
#define                               GTK_TYPE_MENU_DIRECTION_TYPE
(gtk_menu_direction_type_get_type())
#define GTK_TYPE_MENU   (gtk_menu_get_type ())
#define GTK_TYPE_MENU_ITEM      (gtk_menu_item_get_type ())
#define GTK_TYPE_MENU_SHELL     (gtk_menu_shell_get_type ())
#define                                   GTK_TYPE_MENU_TOOL_BUTTON
(gtk_menu_tool_button_get_type ())
#define GTK_TYPE_MESSAGE_DIALOG (gtk_message_dialog_get_type ())
#define GTK_TYPE_MESSAGE_TYPE   (gtk_message_type_get_type())
#define GTK_TYPE_METRIC_TYPE    (gtk_metric_type_get_type())
#define GTK_TYPE_MISC   (gtk_misc_get_type ())
#define GTK_TYPE_MOVEMENT_STEP  (gtk_movement_step_get_type())
#define GTK_TYPE_NOTEBOOK       (gtk_notebook_get_type ())
#define GTK_TYPE_NOTEBOOK_TAB   (gtk_notebook_tab_get_type())
```

```
#define GTK_OBJECT_FLAGS(obj)   (GTK_OBJECT (obj)->flags)
#define GTK_WIDGET_FLAGS(wid)   (GTK_OBJECT_FLAGS (wid))
#define GTK_TYPE_OBJECT_FLAGS   (gtk_object_flags_get_type())
#define GTK_TYPE_OBJECT (gtk_object_get_type ())
#define GTK_WIDGET_TYPE(wid)    (GTK_OBJECT_TYPE (wid))
#define GTK_TYPE_ORIENTATION    (gtk_orientation_get_type())
#define GTK_TYPE_PACK_TYPE      (gtk_pack_type_get_type())
#define GTK_TYPE_PANED  (gtk_paned_get_type ())
#define                                 GTK_TYPE_PATH_PRIORITY_TYPE
(gtk_path_priority_type_get_type())
#define GTK_TYPE_PATH_TYPE      (gtk_path_type_get_type())
#define GTK_TYPE_PLUG   (gtk_plug_get_type ())
#define GTK_TYPE_POLICY_TYPE    (gtk_policy_type_get_type())
#define GTK_TYPE_POSITION_TYPE  (gtk_position_type_get_type())
#define GTK_TYPE_PROGRESS_BAR   (gtk_progress_bar_get_type ())
#define                                 GTK_TYPE_PROGRESS_BAR_STYLE
(gtk_progress_bar_style_get_type())
#define GTK_TYPE_RADIO_ACTION   (gtk_radio_action_get_type ())
#define GTK_TYPE_RADIO_BUTTON   (gtk_radio_button_get_type ())
#define                                   GTK_TYPE_RADIO_MENU_ITEM
(gtk_radio_menu_item_get_type ())
#define                                  GTK_TYPE_RADIO_TOOL_BUTTON
(gtk_radio_tool_button_get_type ())
#define GTK_TYPE_RANGE  (gtk_range_get_type ())
#define GTK_TYPE_RC_FLAGS       (gtk_rc_flags_get_type())
#define GTK_TYPE_RC_STYLE       (gtk_rc_style_get_type ())
#define GTK_TYPE_RC_TOKEN_TYPE  (gtk_rc_token_type_get_type())
#define GTK_TYPE_RELIEF_STYLE   (gtk_relief_style_get_type())
#define GTK_TYPE_REQUISITION    (gtk_requisition_get_type ())
#define GTK_TYPE_RESIZE_MODE    (gtk_resize_mode_get_type())
#define GTK_TYPE_RESPONSE_TYPE  (gtk_response_type_get_type())
#define GTK_TYPE_RULER  (gtk_ruler_get_type ())
#define GTK_TYPE_SCALE  (gtk_scale_get_type ())
#define GTK_TYPE_SCROLLBAR      (gtk_scrollbar_get_type ())
#define                                   GTK_TYPE_SCROLLED_WINDOW
(gtk_scrolled_window_get_type ())
#define GTK_TYPE_SCROLL_STEP    (gtk_scroll_step_get_type())
#define GTK_TYPE_SCROLL_TYPE    (gtk_scroll_type_get_type())
#define GTK_TYPE_SELECTION_DATA (gtk_selection_data_get_type ())
#define GTK_TYPE_SELECTION_MODE (gtk_selection_mode_get_type())
#define GTK_TYPE_SEPARATOR      (gtk_separator_get_type ())
#define                                 GTK_TYPE_SEPARATOR_MENU_ITEM
(gtk_separator_menu_item_get_type ())
#define                                 GTK_TYPE_SEPARATOR_TOOL_ITEM
(gtk_separator_tool_item_get_type ())
#define GTK_TYPE_SETTINGS       (gtk_settings_get_type ())
#define GTK_TYPE_SHADOW_TYPE    (gtk_shadow_type_get_type())
#define GTK_TYPE_SIDE_TYPE      (gtk_side_type_get_type())
#define                                   GTK_TYPE_SIGNAL_RUN_TYPE
(gtk_signal_run_type_get_type())
#define GTK_TYPE_SIZE_GROUP     (gtk_size_group_get_type ())
#define                                   GTK_TYPE_SIZE_GROUP_MODE
(gtk_size_group_mode_get_type())
#define GTK_TYPE_SOCKET (gtk_socket_get_type ())
#define GTK_TYPE_SORT_TYPE      (gtk_sort_type_get_type())
#define GTK_TYPE_SPIN_BUTTON    (gtk_spin_button_get_type ())
#define GTK_TYPE_SPIN_TYPE      (gtk_spin_type_get_type())
#define GTK_TYPE_STATE_TYPE     (gtk_state_type_get_type())
#define GTK_TYPE_STATUSBAR      (gtk_statusbar_get_type ())
#define  GTK_STYLE_ATTACHED(style)            (GTK_STYLE  (style)-
>attach_count > 0)
#define GTK_TYPE_STYLE  (gtk_style_get_type ())
#define                                 GTK_TYPE_SUBMENU_DIRECTION
(gtk_submenu_direction_get_type())
#define                                 GTK_TYPE_SUBMENU_PLACEMENT
(gtk_submenu_placement_get_type())
```

 © 2008 Linux Foundation

```
#define GTK_TYPE_TABLE  (gtk_table_get_type ())
#define GTK_TYPE_TARGET_FLAGS   (gtk_target_flags_get_type())
#define                                 GTK_TYPE_TEAROFF_MENU_ITEM
(gtk_tearoff_menu_item_get_type ())
#define                                   GTK_TYPE_TEXT_ATTRIBUTES
(gtk_text_attributes_get_type ())
#define GTK_TYPE_TEXT_BUFFER    (gtk_text_buffer_get_type ())
#define                                 GTK_TYPE_TEXT_CHILD_ANCHOR
(gtk_text_child_anchor_get_type ())
#define GTK_TYPE_TEXT_DIRECTION (gtk_text_direction_get_type())
#define GTK_TYPE_TEXT_ITER      (gtk_text_iter_get_type ())
#define GTK_TYPE_TEXT_MARK      (gtk_text_mark_get_type ())
#define                                 GTK_TYPE_TEXT_SEARCH_FLAGS
(gtk_text_search_flags_get_type())
#define GTK_TYPE_TEXT_TAG       (gtk_text_tag_get_type ())
#define GTK_TYPE_TEXT_TAG_TABLE (gtk_text_tag_table_get_type ())
#define GTK_TYPE_TEXT_VIEW      (gtk_text_view_get_type ())
#define                                  GTK_TYPE_TEXT_WINDOW_TYPE
(gtk_text_window_type_get_type())
#define GTK_TYPE_TOGGLE_ACTION  (gtk_toggle_action_get_type ())
#define GTK_TYPE_TOGGLE_BUTTON  (gtk_toggle_button_get_type ())
#define                                GTK_TYPE_TOGGLE_TOOL_BUTTON
(gtk_toggle_tool_button_get_type ())
#define                                GTK_TYPE_TOOLBAR_CHILD_TYPE
(gtk_toolbar_child_type_get_type())
#define GTK_TYPE_TOOLBAR        (gtk_toolbar_get_type ())
#define                               GTK_TYPE_TOOLBAR_SPACE_STYLE
(gtk_toolbar_space_style_get_type())
#define GTK_TYPE_TOOLBAR_STYLE  (gtk_toolbar_style_get_type())
#define GTK_TYPE_TOOLTIPS       (gtk_tooltips_get_type ())
#define GTK_TYPE_TOOL_BUTTON    (gtk_tool_button_get_type ())
#define GTK_TYPE_TOOL_ITEM      (gtk_tool_item_get_type ())
#define GTK_TYPE_TREE_DRAG_DEST (gtk_tree_drag_dest_get_type ())
#define                                  GTK_TYPE_TREE_DRAG_SOURCE
(gtk_tree_drag_source_get_type ())
#define GTK_TYPE_TREE_ITER      (gtk_tree_iter_get_type ())
#define                                 GTK_TYPE_TREE_MODEL_FILTER
(gtk_tree_model_filter_get_type ())
#define                                  GTK_TYPE_TREE_MODEL_FLAGS
(gtk_tree_model_flags_get_type())
#define GTK_TYPE_TREE_MODEL     (gtk_tree_model_get_type ())
#define                                   GTK_TYPE_TREE_MODEL_SORT
(gtk_tree_model_sort_get_type ())
#define GTK_TYPE_TREE_PATH      (gtk_tree_path_get_type ())
#define                                GTK_TYPE_TREE_ROW_REFERENCE
(gtk_tree_row_reference_get_type ())
#define GTK_TYPE_TREE_SELECTION (gtk_tree_selection_get_type ())
#define GTK_TYPE_TREE_SORTABLE  (gtk_tree_sortable_get_type ())
#define GTK_TYPE_TREE_STORE     (gtk_tree_store_get_type ())
#define                                  GTK_TYPE_TREE_VIEW_COLUMN
(gtk_tree_view_column_get_type ())
#define GTK_TYPE_TREE_VIEW      (gtk_tree_view_get_type ())
#define GTK_TYPE_TREE_VIEW_MODE (gtk_tree_view_mode_get_type())
#define GTK_TYPE_UI_MANAGER     (gtk_ui_manager_get_type ())
#define GTK_TYPE_UPDATE_TYPE    (gtk_update_type_get_type())
#define GTK_TYPE_VBOX   (gtk_vbox_get_type ())
#define GTK_TYPE_VBUTTON_BOX    (gtk_vbutton_box_get_type ())
#define GTK_TYPE_VIEWPORT       (gtk_viewport_get_type ())
#define GTK_TYPE_VISIBILITY     (gtk_visibility_get_type())
#define GTK_TYPE_VPANED (gtk_vpaned_get_type ())
#define GTK_TYPE_VRULER (gtk_vruler_get_type ())
#define GTK_TYPE_VSCALE (gtk_vscale_get_type ())
#define GTK_TYPE_VSCROLLBAR     (gtk_vscrollbar_get_type ())
#define GTK_TYPE_VSEPARATOR     (gtk_vseparator_get_type ())
#define  GTK_WIDGET_SAVED_STATE(wid)          (GTK_WIDGET  (wid)-
>saved_state)
```

```
#define GTK_WIDGET_STATE(wid)   (GTK_WIDGET (wid)->state)
#define GTK_TYPE_WIDGET_FLAGS   (gtk_widget_flags_get_type())
#define GTK_TYPE_WIDGET (gtk_widget_get_type ())
#define                                  GTK_TYPE_WIDGET_HELP_TYPE
(gtk_widget_help_type_get_type())
#define GTK_TYPE_WINDOW (gtk_window_get_type ())
#define GTK_TYPE_WINDOW_GROUP   (gtk_window_group_get_type ())
#define                                   GTK_TYPE_WINDOW_POSITION
(gtk_window_position_get_type())
#define GTK_TYPE_WINDOW_TYPE    (gtk_window_type_get_type())
#define GTK_TYPE_WRAP_MODE      (gtk_wrap_mode_get_type())
#define GTK_PRIORITY_RESIZE     (G_PRIORITY_HIGH_IDLE + 10)
#define   GTK_IS_BIN(obj)   (G_TYPE_CHECK_INSTANCE_TYPE   ((obj),
GTK_TYPE_BIN))
#define   GTK_IS_BOX(obj)   (G_TYPE_CHECK_INSTANCE_TYPE   ((obj),
GTK_TYPE_BOX))
#define GTK_OBJECT_TYPE(object) (G_TYPE_FROM_INSTANCE (object))
#define GTK_BUTTONBOX_DEFAULT   -1
#define GTK_INPUT_ERROR -1
#define GTK_PATH_PRIO_MASK      0x0f
#define GTK_MAX_COMPOSE_LEN     7
#define GTKMAIN_C_VAR   extern
#define GTKVAR  extern
#define GTK_STOCK_ABOUT "gtk-about"
#define GTK_STOCK_ADD   "gtk-add"
#define GTK_STOCK_APPLY "gtk-apply"
#define GTK_STOCK_BOLD  "gtk-bold"
#define GTK_STOCK_CANCEL        "gtk-cancel"
#define GTK_STOCK_CDROM "gtk-cdrom"
#define GTK_STOCK_CLEAR "gtk-clear"
#define GTK_STOCK_CLOSE "gtk-close"
#define GTK_STOCK_COLOR_PICKER  "gtk-color-picker"
#define GTK_STOCK_CONNECT       "gtk-connect"
#define GTK_STOCK_CONVERT       "gtk-convert"
#define GTK_STOCK_COPY  "gtk-copy"
#define GTK_STOCK_CUT   "gtk-cut"
#define GTK_STOCK_DELETE        "gtk-delete"
#define        GTK_STOCK_DIALOG_AUTHENTICATION        "gtk-dialog-
authentication"
#define GTK_STOCK_DIALOG_ERROR  "gtk-dialog-error"
#define GTK_STOCK_DIALOG_INFO   "gtk-dialog-info"
#define GTK_STOCK_DIALOG_QUESTION       "gtk-dialog-question"
#define GTK_STOCK_DIALOG_WARNING        "gtk-dialog-warning"
#define GTK_STOCK_DIRECTORY     "gtk-directory"
#define GTK_STOCK_DISCONNECT    "gtk-disconnect"
#define GTK_STOCK_DND   "gtk-dnd"
#define GTK_STOCK_DND_MULTIPLE  "gtk-dnd-multiple"
#define GTK_STOCK_EDIT  "gtk-edit"
#define GTK_STOCK_EXECUTE       "gtk-execute"
#define GTK_STOCK_FILE  "gtk-file"
#define GTK_STOCK_FIND  "gtk-find"
#define GTK_STOCK_FIND_AND_REPLACE      "gtk-find-and-replace"
#define GTK_STOCK_FLOPPY        "gtk-floppy"
#define GTK_STOCK_FULLSCREEN    "gtk-fullscreen"
#define GTK_STOCK_GO_BACK       "gtk-go-back"
#define GTK_STOCK_GO_DOWN       "gtk-go-down"
#define GTK_STOCK_GO_FORWARD    "gtk-go-forward"
#define GTK_STOCK_GO_UP "gtk-go-up"
#define GTK_STOCK_GOTO_BOTTOM   "gtk-goto-bottom"
#define GTK_STOCK_GOTO_FIRST    "gtk-goto-first"
#define GTK_STOCK_GOTO_LAST     "gtk-goto-last"
#define GTK_STOCK_GOTO_TOP      "gtk-goto-top"
#define GTK_STOCK_HARDDISK      "gtk-harddisk"
#define GTK_STOCK_HELP  "gtk-help"
#define GTK_STOCK_HOME  "gtk-home"
#define GTK_STOCK_INDENT        "gtk-indent"
```

 © 2008 Linux Foundation

```
#define GTK_STOCK_INDEX "gtk-index"
#define GTK_STOCK_INFO  "gtk-info"
#define GTK_STOCK_ITALIC        "gtk-italic"
#define GTK_STOCK_JUMP_TO       "gtk-jump-to"
#define GTK_STOCK_JUSTIFY_CENTER        "gtk-justify-center"
#define GTK_STOCK_JUSTIFY_FILL  "gtk-justify-fill"
#define GTK_STOCK_JUSTIFY_LEFT  "gtk-justify-left"
#define GTK_STOCK_JUSTIFY_RIGHT "gtk-justify-right"
#define GTK_STOCK_LEAVE_FULLSCREEN      "gtk-leave-fullscreen"
#define GTK_STOCK_MEDIA_FORWARD "gtk-media-forward"
#define GTK_STOCK_MEDIA_NEXT    "gtk-media-next"
#define GTK_STOCK_MEDIA_PAUSE   "gtk-media-pause"
#define GTK_STOCK_MEDIA_PLAY    "gtk-media-play"
#define GTK_STOCK_MEDIA_PREVIOUS        "gtk-media-previous"
#define GTK_STOCK_MEDIA_RECORD  "gtk-media-record"
#define GTK_STOCK_MEDIA_REWIND  "gtk-media-rewind"
#define GTK_STOCK_MEDIA_STOP    "gtk-media-stop"
#define GTK_STOCK_MISSING_IMAGE "gtk-missing-image"
#define GTK_STOCK_NETWORK       "gtk-network"
#define GTK_STOCK_NEW   "gtk-new"
#define GTK_STOCK_NO    "gtk-no"
#define GTK_STOCK_OK    "gtk-ok"
#define GTK_STOCK_OPEN  "gtk-open"
#define GTK_STOCK_PASTE "gtk-paste"
#define GTK_STOCK_PREFERENCES   "gtk-preferences"
#define GTK_STOCK_PRINT "gtk-print"
#define GTK_STOCK_PRINT_PREVIEW "gtk-print-preview"
#define GTK_STOCK_PROPERTIES    "gtk-properties"
#define GTK_STOCK_QUIT  "gtk-quit"
#define GTK_STOCK_REDO  "gtk-redo"
#define GTK_STOCK_REFRESH       "gtk-refresh"
#define GTK_STOCK_REMOVE        "gtk-remove"
#define GTK_STOCK_REVERT_TO_SAVED       "gtk-revert-to-saved"
#define GTK_STOCK_SAVE  "gtk-save"
#define GTK_STOCK_SAVE_AS       "gtk-save-as"
#define GTK_STOCK_SELECT_COLOR  "gtk-select-color"
#define GTK_STOCK_SELECT_FONT   "gtk-select-font"
#define GTK_STOCK_SORT_ASCENDING        "gtk-sort-ascending"
#define GTK_STOCK_SORT_DESCENDING       "gtk-sort-descending"
#define GTK_STOCK_SPELL_CHECK   "gtk-spell-check"
#define GTK_STOCK_STOP  "gtk-stop"
#define GTK_STOCK_STRIKETHROUGH "gtk-strikethrough"
#define GTK_STOCK_UNDELETE      "gtk-undelete"
#define GTK_STOCK_UNDERLINE     "gtk-underline"
#define GTK_STOCK_UNDO  "gtk-undo"
#define GTK_STOCK_UNINDENT      "gtk-unindent"
#define GTK_STOCK_YES   "gtk-yes"
#define GTK_STOCK_ZOOM_100      "gtk-zoom-100"
#define GTK_STOCK_ZOOM_FIT      "gtk-zoom-fit"
#define GTK_STOCK_ZOOM_IN       "gtk-zoom-in"
#define GTK_STOCK_ZOOM_OUT      "gtk-zoom-out"
#define                          gtk_accel_label_accelerator_width
gtk_accel_label_get_accel_width
#define gtk_binding_entry_add   gtk_binding_entry_clear
#define GTK_ICON_THEME_ERROR    gtk_icon_theme_error_quark ()
#define GTK_SIGNAL_FUNC(f)      G_CALLBACK(f)
#define GTK_CHECK_CLASS_CAST    G_TYPE_CHECK_CLASS_CAST
#define GTK_CHECK_CLASS_TYPE    G_TYPE_CHECK_CLASS_TYPE
#define GTK_CHECK_CAST  G_TYPE_CHECK_INSTANCE_CAST
#define GTK_CHECK_TYPE  G_TYPE_CHECK_INSTANCE_TYPE
#define GTK_CHECK_GET_CLASS     G_TYPE_INSTANCE_GET_CLASS

typedef struct _GtkIconSet GtkIconSet;
typedef struct _GtkObject {
    GObject parent_instance;
    guint32 flags;
```

```
} GtkObject;
typedef enum {
    GTK_RC_FG = 1,
    GTK_RC_BG = 2,
    GTK_RC_TEXT = 4,
    GTK_RC_BASE = 8
} GtkRcFlags;
typedef struct _GtkRcStyle {
    GObject parent_instance;
    gchar *name;
    gchar *bg_pixmap_name[5];
    PangoFontDescription *font_desc;
    GtkRcFlags color_flags[5];
    GdkColor fg[5];
    GdkColor bg[5];
    GdkColor text[5];
    GdkColor base[5];
    gint xthickness;
    gint ythickness;
    GArray *rc_properties;
    GSList *rc_style_lists;
    GSList *icon_factories;
    guint engine_specified:1;
} GtkRcStyle;
typedef struct _GtkStyle {
    GObject parent_instance;
    GdkColor fg[5];
    GdkColor bg[5];
    GdkColor light[5];
    GdkColor dark[5];
    GdkColor mid[5];
    GdkColor text[5];
    GdkColor base[5];
    GdkColor text_aa[5];
    GdkColor black;
    GdkColor white;
    PangoFontDescription *font_desc;
    gint xthickness;
    gint ythickness;
    GdkGC *fg_gc[5];
    GdkGC *bg_gc[5];
    GdkGC *light_gc[5];
    GdkGC *dark_gc[5];
    GdkGC *mid_gc[5];
    GdkGC *text_gc[5];
    GdkGC *base_gc[5];
    GdkGC *text_aa_gc[5];
    GdkGC *black_gc;
    GdkGC *white_gc;
    GdkPixmap *bg_pixmap[5];
    gint attach_count;
    gint depth;
    GdkColormap *colormap;
    GdkFont *private_font;
    PangoFontDescription *private_font_desc;
    GtkRcStyle *rc_style;
    GSList *styles;
    GArray *property_cache;
    GSList *icon_factories;
} GtkStyle;
typedef struct _GtkRequisition {
    gint width;
    gint height;
} GtkRequisition;
typedef GdkRectangle GtkAllocation;
typedef struct _GtkWidget {
```

 © 2008 Linux Foundation

```
    GtkObject object;
    guint16 private_flags;
    guint8 state;
    guint8 saved_state;
    gchar *name;
    GtkStyle *style;
    GtkRequisition requisition;
    GtkAllocation allocation;
    GdkWindow *window;
    GtkWidget *parent;
} GtkWidget;
typedef struct _GtkAdjustment {
    GtkObject parent_instance;
    gdouble lower;
    gdouble upper;
    gdouble value;
    gdouble step_increment;
    gdouble page_increment;
    gdouble page_size;
} GtkAdjustment;
typedef struct _GtkProgress {
    GtkWidget widget;
    GtkAdjustment *adjustment;
    GdkPixmap *offscreen_pixmap;
    gchar *format;
    gfloat x_align;
    gfloat y_align;
    guint show_text:1;
    guint activity_mode:1;
    guint use_text_format:1;
} GtkProgress;
typedef enum {
    GTK_PROGRESS_CONTINUOUS = 0,
    GTK_PROGRESS_DISCRETE = 1
} GtkProgressBarStyle;
typedef enum {
    GTK_PROGRESS_LEFT_TO_RIGHT = 0,
    GTK_PROGRESS_RIGHT_TO_LEFT = 1,
    GTK_PROGRESS_BOTTOM_TO_TOP = 2,
    GTK_PROGRESS_TOP_TO_BOTTOM = 3
} GtkProgressBarOrientation;
typedef struct _GtkProgressBar {
    GtkProgress progress;
    GtkProgressBarStyle bar_style;
    GtkProgressBarOrientation orientation;
    guint blocks;
    gint in_block;
    gint activity_pos;
    guint activity_step;
    guint activity_blocks;
    gdouble pulse_fraction;
    guint activity_dir:1;
    guint ellipsize:3;
} GtkProgressBar;
typedef struct _GtkTextTagTable {
    GObject parent_instance;
    GHashTable *hash;
    GSList *anonymous;
    gint anon_count;
    GSList *buffers;
} GtkTextTagTable;
typedef struct _GtkTextBTree GtkTextBTree;
typedef struct _GtkTextLogAttrCache GtkTextLogAttrCache;
typedef struct _GtkTextBuffer {
    GObject parent_instance;
    GtkTextTagTable *tag_table;
```

```
    GtkTextBTree *btree;
    GSList *clipboard_contents_buffers;
    GSList *selection_clipboards;
    GtkTextLogAttrCache *log_attr_cache;
    guint user_action_count;
    guint modified:1;
} GtkTextBuffer;
typedef struct _GtkTextIter {
    gpointer dummy1;
    gpointer dummy2;
    gint dummy3;
    gint dummy4;
    gint dummy5;
    gint dummy6;
    gint dummy7;
    gint dummy8;
    gpointer dummy9;
    gpointer dummy10;
    gint dummy11;
    gint dummy12;
    gint dummy13;
    gpointer dummy14;
} GtkTextIter;
typedef GType GtkType;
typedef struct _GtkContainer {
    GtkWidget widget;
    GtkWidget *focus_child;
    guint border_width:16;
    guint need_resize:1;
    guint resize_mode:2;
    guint reallocate_redraws:1;
    guint has_focus_chain:1;
} GtkContainer;
typedef struct _GtkBin {
    GtkContainer container;
    GtkWidget *child;
} GtkBin;
typedef struct _GtkComboBoxPrivate GtkComboBoxPrivate;
typedef struct _GtkComboBox {
    GtkBin parent_instance;
    GtkComboBoxPrivate *priv;
} GtkComboBox;
typedef struct _GtkMisc {
    GtkWidget widget;
    gfloat xalign;
    gfloat yalign;
    guint16 xpad;
    guint16 ypad;
} GtkMisc;
typedef struct _GtkBox {
    GtkContainer container;
    GList *children;
    gint16 spacing;
    guint homogeneous:1;
} GtkBox;
typedef struct _GtkHBox {
    GtkBox box;
} GtkHBox;
typedef struct _GtkStatusbar {
    GtkHBox parent_widget;
    GtkWidget *frame;
    GtkWidget *label;
    GSList *messages;
    GSList *keys;
    guint seq_context_id;
    guint seq_message_id;
```

 © 2008 Linux Foundation

```
    GdkWindow *grip_window;
    guint has_resize_grip:1;
} GtkStatusbar;
typedef struct _GtkTargetList {
    GList *list;
    guint ref_count;
} GtkTargetList;
typedef struct _GtkWindow {
    GtkBin bin;
    gchar *title;
    gchar *wmclass_name;
    gchar *wmclass_class;
    gchar *wm_role;
    GtkWidget *focus_widget;
    GtkWidget *default_widget;
    GtkWindow *transient_parent;
    GtkWindowGeometryInfo *geometry_info;
    GdkWindow *frame;
    GtkWindowGroup *group;
    guint16 configure_request_count;
    guint allow_shrink:1;
    guint allow_grow:1;
    guint configure_notify_received:1;
    guint need_default_position:1;
    guint need_default_size:1;
    guint position:3;
    guint type:4;
    guint has_user_ref_count:1;
    guint has_focus:1;
    guint modal:1;
    guint destroy_with_parent:1;
    guint has_frame:1;
    guint iconify_initially:1;
    guint stick_initially:1;
    guint maximize_initially:1;
    guint decorated:1;
    guint type_hint:3;
    guint gravity:5;
    guint is_active:1;
    guint has_toplevel_focus:1;
    guint frame_left;
    guint frame_top;
    guint frame_right;
    guint frame_bottom;
    guint keys_changed_handler;
    GdkModifierType mnemonic_modifier;
    GdkScreen *screen;
} GtkWindow;
typedef struct _GtkWindowGeometryInfo GtkWindowGeometryInfo;
typedef struct _GtkWindowGroup {
    GObject parent_instance;
    GSList *grabs;
} GtkWindowGroup;
typedef enum {
    GTK_STATE_NORMAL = 0,
    GTK_STATE_ACTIVE = 1,
    GTK_STATE_PRELIGHT = 2,
    GTK_STATE_SELECTED = 3,
    GTK_STATE_INSENSITIVE = 4
} GtkStateType;
typedef struct _GtkTreeRowReference GtkTreeRowReference;
typedef enum {
    GTK_TREE_MODEL_ITERS_PERSIST = 1,
    GTK_TREE_MODEL_LIST_ONLY = 2
} GtkTreeModelFlags;
typedef struct _GtkTreeModel GtkTreeModel;
```

```
typedef struct _GtkTargetEntry {
    gchar *target;
    guint flags;
    guint info;
} GtkTargetEntry;
typedef struct _GtkIMContext {
    GObject parent_instance;
} GtkIMContext;
typedef struct _GtkEntry {
    GtkWidget widget;
    gchar *text;
    guint editable:1;
    guint visible:1;
    guint overwrite_mode:1;
    guint in_drag:1;
    guint16 text_length;
    guint16 text_max_length;
    GdkWindow *text_area;
    GtkIMContext *im_context;
    GtkWidget *popup_menu;
    gint current_pos;
    gint selection_bound;
    PangoLayout *cached_layout;
    guint cache_includes_preedit:1;
    guint need_im_reset:1;
    guint has_frame:1;
    guint activates_default:1;
    guint cursor_visible:1;
    guint in_click:1;
    guint is_cell_renderer:1;
    guint editing_canceled:1;
    guint mouse_cursor_obscured:1;
    guint select_words:1;
    guint select_lines:1;
    guint resolved_dir:4;
    guint button;
    guint blink_timeout;
    guint recompute_idle;
    gint scroll_offset;
    gint ascent;
    gint descent;
    guint16 text_size;
    guint16 n_bytes;
    guint16 preedit_length;
    guint16 preedit_cursor;
    gint dnd_position;
    gint drag_start_x;
    gint drag_start_y;
    gunichar invisible_char;
    gint width_chars;
} GtkEntry;
typedef struct _GtkComboBoxEntryPrivate GtkComboBoxEntryPrivate;
typedef struct _GtkComboBoxEntry {
    GtkComboBox parent_instance;
    GtkComboBoxEntryPrivate *priv;
} GtkComboBoxEntry;
typedef struct _GtkLayout {
    GtkContainer container;
    GList *children;
    guint width;
    guint height;
    GtkAdjustment *hadjustment;
    GtkAdjustment *vadjustment;
    GdkWindow *bin_window;
    GdkVisibilityState visibility;
    gint scroll_x;
```

 © 2008 Linux Foundation

```
    gint scroll_y;
    guint freeze_count;
} GtkLayout;
typedef enum {
    GTK_SORT_ASCENDING = 0,
    GTK_SORT_DESCENDING = 1
} GtkSortType;
typedef struct _GtkTreeIter {
    gint stamp;
    gpointer user_data;
    gpointer user_data2;
    gpointer user_data3;
} GtkTreeIter;
typedef     gint(*GtkTreeIterCompareFunc)     (GtkTreeModel     *,
GtkTreeIter *,
                                              GtkTreeIter *, gpointer);
typedef void (*GtkDestroyNotify) (gpointer);
typedef struct _GtkTreeStore {
    GObject parent;
    gint stamp;
    gpointer root;
    gpointer last;
    gint n_columns;
    gint sort_column_id;
    GList *sort_list;
    GtkSortType order;
    GType *column_headers;
    GtkTreeIterCompareFunc default_sort_func;
    gpointer default_sort_data;
    GtkDestroyNotify default_sort_destroy;
    guint columns_dirty:1;
} GtkTreeStore;
typedef struct _GtkDialog {
    GtkWindow window;
    GtkWidget *vbox;
    GtkWidget *action_area;
    GtkWidget *separator;
} GtkDialog;
typedef struct _GtkAboutDialog {
    GtkDialog parent_instance;
    gpointer private_data;
} GtkAboutDialog;
typedef void (*GtkAboutDialogActivateLinkFunc) (GtkAboutDialog *,
                                                      const gchar *,
gpointer);
typedef struct _GtkTreeSortable GtkTreeSortable;
typedef enum {
    GTK_UPDATE_CONTINUOUS = 0,
    GTK_UPDATE_DISCONTINUOUS = 1,
    GTK_UPDATE_DELAYED = 2
} GtkUpdateType;
typedef enum {
    GTK_ORIENTATION_HORIZONTAL = 0,
    GTK_ORIENTATION_VERTICAL = 1
} GtkOrientation;
typedef struct _GtkRangeLayout GtkRangeLayout;
typedef struct _GtkRangeStepTimer GtkRangeStepTimer;
typedef struct _GtkRange {
    GtkWidget widget;
    GtkAdjustment *adjustment;
    GtkUpdateType update_policy;
    guint inverted:1;
    guint flippable:1;
    guint has_stepper_a:1;
    guint has_stepper_b:1;
    guint has_stepper_c:1;
```

```
    guint has_stepper_d:1;
    guint need_recalc:1;
    guint slider_size_fixed:1;
    gint min_slider_size;
    GtkOrientation orientation;
    GdkRectangle range_rect;
    gint slider_start;
    gint slider_end;
    gint round_digits;
    guint trough_click_forward:1;
    guint update_pending:1;
    GtkRangeLayout *layout;
    GtkRangeStepTimer *timer;
    gint slide_initial_slider_position;
    gint slide_initial_coordinate;
    guint update_timeout_id;
    GdkWindow *event_window;
} GtkRange;
typedef struct _GtkAccelKey {
    guint accel_key;
    GdkModifierType accel_mods;
    guint accel_flags:16;
} GtkAccelKey;
typedef struct _GtkAccelGroupEntry {
    GtkAccelKey key;
    GClosure *closure;
    GQuark accel_path_quark;
} GtkAccelGroupEntry;
typedef struct _GtkAccelGroup {
    GObject parent;
    guint lock_count;
    GdkModifierType modifier_mask;
    GSList *acceleratables;
    guint n_accels;
    GtkAccelGroupEntry *priv_accels;
} GtkAccelGroup;
typedef struct _GtkSocket {
    GtkContainer container;
    guint16 request_width;
    guint16 request_height;
    guint16 current_width;
    guint16 current_height;
    GdkWindow *plug_window;
    GtkWidget *plug_widget;
    gshort xembed_version;
    guint same_app:1;
    guint focus_in:1;
    guint have_size:1;
    guint need_map:1;
    guint is_mapped:1;
    guint active:1;
    GtkAccelGroup *accel_group;
    GtkWidget *toplevel;
} GtkSocket;
typedef struct _GtkCellEditable GtkCellEditable;
typedef enum {
    GTK_TREE_VIEW_COLUMN_GROW_ONLY = 0,
    GTK_TREE_VIEW_COLUMN_AUTOSIZE = 1,
    GTK_TREE_VIEW_COLUMN_FIXED = 2
} GtkTreeViewColumnSizing;
typedef struct _GtkTreeViewColumn {
    GtkObject parent;
    GtkWidget *tree_view;
    GtkWidget *button;
    GtkWidget *child;
    GtkWidget *arrow;
```

 © 2008 Linux Foundation

```
    GtkWidget *alignment;
    GdkWindow *window;
    GtkCellEditable *editable_widget;
    gfloat xalign;
    guint property_changed_signal;
    gint spacing;
    GtkTreeViewColumnSizing column_type;
    gint requested_width;
    gint button_request;
    gint resized_width;
    gint width;
    gint fixed_width;
    gint min_width;
    gint max_width;
    gint drag_x;
    gint drag_y;
    gchar *title;
    GList *cell_list;
    guint sort_clicked_signal;
    guint sort_column_changed_signal;
    gint sort_column_id;
    GtkSortType sort_order;
    guint visible:1;
    guint resizable:1;
    guint clickable:1;
    guint dirty:1;
    guint show_sort_indicator:1;
    guint maybe_reordered:1;
    guint reorderable:1;
    guint use_resized_width:1;
    guint expand:1;
} GtkTreeViewColumn;
typedef struct _GtkCellRenderer {
    GtkObject parent;
    gfloat xalign;
    gfloat yalign;
    gint width;
    gint height;
    guint16 xpad;
    guint16 ypad;
    guint mode:2;
    guint visible:1;
    guint is_expander:1;
    guint is_expanded:1;
    guint cell_background_set:1;
    guint sensitive:1;
    guint editing:1;
} GtkCellRenderer;
typedef enum {
    GTK_BUTTONBOX_DEFAULT_STYLE = 0,
    GTK_BUTTONBOX_SPREAD = 1,
    GTK_BUTTONBOX_EDGE = 2,
    GTK_BUTTONBOX_START = 3,
    GTK_BUTTONBOX_END = 4
} GtkButtonBoxStyle;
typedef struct _GtkButtonBox {
    GtkBox box;
    gint child_min_width;
    gint child_min_height;
    gint child_ipad_x;
    gint child_ipad_y;
    GtkButtonBoxStyle layout_style;
} GtkButtonBox;
typedef struct _GtkActionPrivate GtkActionPrivate;
typedef struct _GtkAction {
    GObject object;
```

```
    GtkActionPrivate *private_data;
} GtkAction;
typedef struct _GtkToggleActionPrivate GtkToggleActionPrivate;
typedef struct _GtkToggleAction {
    GtkAction parent;
    GtkToggleActionPrivate *private_data;
} GtkToggleAction;
typedef struct _GtkTextAppearance {
    GdkColor bg_color;
    GdkColor fg_color;
    GdkBitmap *bg_stipple;
    GdkBitmap *fg_stipple;
    gint rise;
    gpointer padding1;
    guint underline:4;
    guint strikethrough:1;
    guint draw_bg:1;
    guint inside_selection:1;
    guint is_text:1;
    guint pad1:1;
    guint pad2:1;
    guint pad3:1;
    guint pad4:1;
} GtkTextAppearance;
typedef enum {
    GTK_JUSTIFY_LEFT = 0,
    GTK_JUSTIFY_RIGHT = 1,
    GTK_JUSTIFY_CENTER = 2,
    GTK_JUSTIFY_FILL = 3
} GtkJustification;
typedef enum {
    GTK_TEXT_DIR_NONE = 0,
    GTK_TEXT_DIR_LTR = 1,
    GTK_TEXT_DIR_RTL = 2
} GtkTextDirection;
typedef enum {
    GTK_WRAP_NONE = 0,
    GTK_WRAP_CHAR = 1,
    GTK_WRAP_WORD = 2,
    GTK_WRAP_WORD_CHAR = 3
} GtkWrapMode;
typedef struct _GtkTextAttributes {
    guint refcount;
    GtkTextAppearance appearance;
    GtkJustification justification;
    GtkTextDirection direction;
    PangoFontDescription *font;
    gdouble font_scale;
    gint left_margin;
    gint indent;
    gint right_margin;
    gint pixels_above_lines;
    gint pixels_below_lines;
    gint pixels_inside_wrap;
    PangoTabArray *tabs;
    GtkWrapMode wrap_mode;
    PangoLanguage *language;
    gpointer padding1;
    guint invisible:1;
    guint bg_full_height:1;
    guint editable:1;
    guint realized:1;
    guint pad1:1;
    guint pad2:1;
    guint pad3:1;
    guint pad4:1;
```

 © 2008 Linux Foundation

```
} GtkTextAttributes;
typedef struct _GtkTextTag {
    GObject parent_instance;
    GtkTextTagTable *table;
    char *name;
    int priority;
    GtkTextAttributes *values;
    guint bg_color_set:1;
    guint bg_stipple_set:1;
    guint fg_color_set:1;
    guint scale_set:1;
    guint fg_stipple_set:1;
    guint justification_set:1;
    guint left_margin_set:1;
    guint indent_set:1;
    guint rise_set:1;
    guint strikethrough_set:1;
    guint right_margin_set:1;
    guint pixels_above_lines_set:1;
    guint pixels_below_lines_set:1;
    guint pixels_inside_wrap_set:1;
    guint tabs_set:1;
    guint underline_set:1;
    guint wrap_mode_set:1;
    guint bg_full_height_set:1;
    guint invisible_set:1;
    guint editable_set:1;
    guint language_set:1;
    guint pad1:1;
    guint pad2:1;
    guint pad3:1;
} GtkTextTag;
typedef struct _GtkFileFilter GtkFileFilter;
typedef enum {
    GTK_FILE_FILTER_FILENAME = 1,
    GTK_FILE_FILTER_URI = 2,
    GTK_FILE_FILTER_DISPLAY_NAME = 4,
    GTK_FILE_FILTER_MIME_TYPE = 8
} GtkFileFilterFlags;
typedef struct _GtkFileFilterInfo {
    GtkFileFilterFlags contains;
    const gchar *filename;
    const gchar *uri;
    const gchar *display_name;
    const gchar *mime_type;
} GtkFileFilterInfo;
typedef struct _GtkIconSource GtkIconSource;
typedef struct _GtkToolItemPrivate GtkToolItemPrivate;
typedef struct _GtkToolItem {
    GtkBin parent;
    GtkToolItemPrivate *priv;
} GtkToolItem;
typedef struct _GtkToolButtonPrivate GtkToolButtonPrivate;
typedef struct _GtkToolButton {
    GtkToolItem parent;
    GtkToolButtonPrivate *priv;
} GtkToolButton;
typedef struct _GtkIconViewPrivate GtkIconViewPrivate;
typedef struct _GtkIconView {
    GtkContainer parent;
    GtkIconViewPrivate *priv;
} GtkIconView;
typedef struct _GtkLabelSelectionInfo GtkLabelSelectionInfo;
typedef struct _GtkLabel {
    GtkMisc misc;
    gchar *label;
```

```
    guint jtype:2;
    guint wrap:1;
    guint use_underline:1;
    guint use_markup:1;
    guint ellipsize:3;
    guint mnemonic_keyval;
    gchar *text;
    PangoAttrList *attrs;
    PangoAttrList *effective_attrs;
    PangoLayout *layout;
    GtkWidget *mnemonic_widget;
    GtkWindow *mnemonic_window;
    GtkLabelSelectionInfo *select_info;
} GtkLabel;
typedef             struct             _GtkSettingsPropertyValue
GtkSettingsPropertyValue;
typedef struct _GtkRcContext GtkRcContext;
typedef struct _GtkSettings {
    GObject parent_instance;
    GData *queued_settings;
    GtkSettingsPropertyValue *property_values;
    GtkRcContext *rc_context;
    GdkScreen *screen;
} GtkSettings;
typedef struct _GtkUIManagerPrivate GtkUIManagerPrivate;
typedef struct _GtkUIManager {
    GObject parent;
    GtkUIManagerPrivate *private_data;
} GtkUIManager;
typedef struct _GtkItem {
    GtkBin bin;
} GtkItem;
typedef struct _GtkMenuItem {
    GtkItem item;
    GtkWidget *submenu;
    GdkWindow *event_window;
    guint16 toggle_size;
    guint16 accelerator_width;
    gchar *accel_path;
    guint show_submenu_indicator:1;
    guint submenu_placement:1;
    guint submenu_direction:1;
    guint right_justify:1;
    guint timer_from_keypress:1;
    guint timer;
} GtkMenuItem;
typedef struct _GtkCheckMenuItem {
    GtkMenuItem menu_item;
    guint active:1;
    guint always_show_toggle:1;
    guint inconsistent:1;
    guint draw_as_radio:1;
} GtkCheckMenuItem;
typedef struct _GtkRadioMenuItem {
    GtkCheckMenuItem check_menu_item;
    GSList *group;
} GtkRadioMenuItem;
typedef struct _GtkCellViewPrivate GtkCellViewPrivate;
typedef struct _GtkCellView {
    GtkWidget parent_instance;
    GtkCellViewPrivate *priv;
} GtkCellView;
typedef struct _GtkSelectionData {
    GdkAtom selection;
    GdkAtom target;
    GdkAtom type;
```

 © 2008 Linux Foundation

```
    gint format;
    guchar *data;
    gint length;
    GdkDisplay *display;
} GtkSelectionData;
typedef struct _GtkFileChooser GtkFileChooser;
typedef struct _GtkDrawingArea {
    GtkWidget widget;
    gpointer draw_data;
} GtkDrawingArea;
typedef enum {
    GTK_CURVE_TYPE_LINEAR = 0,
    GTK_CURVE_TYPE_SPLINE = 1,
    GTK_CURVE_TYPE_FREE = 2
} GtkCurveType;
typedef struct _GtkCurve {
    GtkDrawingArea graph;
    gint cursor_type;
    gfloat min_x;
    gfloat max_x;
    gfloat min_y;
    gfloat max_y;
    GdkPixmap *pixmap;
    GtkCurveType curve_type;
    gint height;
    gint grab_point;
    gint last;
    gint num_points;
    GdkPoint *point;
    gint num_ctlpoints;
    gfloat *ctlpoint;
} GtkCurve;
typedef struct _GtkNotebookPage GtkNotebookPage;
typedef struct _GtkNotebook {
    GtkContainer container;
    GtkNotebookPage *cur_page;
    GList *children;
    GList *first_tab;
    GList *focus_tab;
    GtkWidget *menu;
    GdkWindow *event_window;
    guint32 timer;
    guint16 tab_hborder;
    guint16 tab_vborder;
    guint show_tabs:1;
    guint homogeneous:1;
    guint show_border:1;
    guint tab_pos:2;
    guint scrollable:1;
    guint in_child:3;
    guint click_child:3;
    guint button:2;
    guint need_timer:1;
    guint child_has_focus:1;
    guint have_visible_child:1;
    guint focus_out:1;
    guint has_before_previous:1;
    guint has_before_next:1;
    guint has_after_previous:1;
    guint has_after_next:1;
} GtkNotebook;
typedef struct _GtkIconFactory {
    GObject parent_instance;
    GHashTable *icons;
} GtkIconFactory;
typedef struct _GtkRadioActionPrivate GtkRadioActionPrivate;
```

```
typedef struct _GtkRadioAction {
    GtkToggleAction parent;
    GtkRadioActionPrivate *private_data;
} GtkRadioAction;
typedef struct _GtkTextMark {
    GObject parent_instance;
    gpointer segment;
} GtkTextMark;
typedef enum {
    GTK_PACK_START = 0,
    GTK_PACK_END = 1
} GtkPackType;
typedef struct _GtkVBox {
    GtkBox box;
} GtkVBox;
typedef struct _GtkColorSelection {
    GtkVBox parent_instance;
    gpointer private_data;
} GtkColorSelection;
typedef enum {
    GTK_CALENDAR_SHOW_HEADING = 1,
    GTK_CALENDAR_SHOW_DAY_NAMES = 2,
    GTK_CALENDAR_NO_MONTH_CHANGE = 4,
    GTK_CALENDAR_SHOW_WEEK_NUMBERS = 8,
    GTK_CALENDAR_WEEK_START_MONDAY = 16
} GtkCalendarDisplayOptions;
typedef struct _GtkCalendar {
    GtkWidget widget;
    GtkStyle *header_style;
    GtkStyle *label_style;
    gint month;
    gint year;
    gint selected_day;
    gint day_month[6][7];
    gint day[6][7];
    gint num_marked_dates;
    gint marked_date[31];
    GtkCalendarDisplayOptions display_flags;
    GdkColor marked_date_color[31];
    GdkGC *gc;
    GdkGC *xor_gc;
    gint focus_row;
    gint focus_col;
    gint highlight_row;
    gint highlight_col;
    gpointer private_data;
    gchar grow_space[32];
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkCalendar;
typedef struct _GtkIconInfo GtkIconInfo;
typedef struct _GtkTreePath GtkTreePath;
typedef struct _GtkTreeDragSource GtkTreeDragSource;
typedef struct _GtkTableRowCol {
    guint16 requisition;
    guint16 allocation;
    guint16 spacing;
    guint need_expand:1;
    guint need_shrink:1;
    guint expand:1;
    guint shrink:1;
    guint empty:1;
} GtkTableRowCol;
typedef struct _GtkTable {
```

 © 2008 Linux Foundation

```
    GtkContainer container;
    GList *children;
    GtkTableRowCol *rows;
    GtkTableRowCol *cols;
    guint16 nrows;
    guint16 ncols;
    guint16 column_spacing;
    guint16 row_spacing;
    guint homogeneous:1;
} GtkTable;
typedef gboolean(*GtkFunction) (gpointer);
typedef void (*GtkSignalFunc) (void);
typedef struct _GtkArg GtkArg;
typedef void (*GtkCallbackMarshal) (GtkObject *, gpointer, guint,
                                    GtkArg *);
typedef struct _GtkMenuShell {
    GtkContainer container;
    GList *children;
    GtkWidget *active_menu_item;
    GtkWidget *parent_menu_shell;
    guint button;
    guint32 activate_time;
    guint active:1;
    guint have_grab:1;
    guint have_xgrab:1;
    guint ignore_leave:1;
    guint menu_flag:1;
    guint ignore_enter:1;
} GtkMenuShell;
typedef struct _GtkMenu {
    GtkMenuShell menu_shell;
    GtkWidget *parent_menu_item;
    GtkWidget *old_active_menu_item;
    GtkAccelGroup *accel_group;
    gchar *accel_path;
    GtkMenuPositionFunc position_func;
    gpointer position_func_data;
    guint toggle_size;
    GtkWidget *toplevel;
    GtkWidget *tearoff_window;
    GtkWidget *tearoff_hbox;
    GtkWidget *tearoff_scrollbar;
    GtkAdjustment *tearoff_adjustment;
    GdkWindow *view_window;
    GdkWindow *bin_window;
    gint scroll_offset;
    gint saved_scroll_offset;
    gint scroll_step;
    guint timeout_id;
    GdkRegion *navigation_region;
    guint navigation_timeout;
    guint needs_destruction_ref_count:1;
    guint torn_off:1;
    guint tearoff_active:1;
    guint scroll_fast:1;
    guint upper_arrow_visible:1;
    guint lower_arrow_visible:1;
    guint upper_arrow_prelight:1;
    guint lower_arrow_prelight:1;
} GtkMenu;
typedef void (*GtkMenuPositionFunc) (GtkMenu *, gint *, gint *,
gboolean *,
                                     gpointer);
typedef struct _GtkButton {
    GtkBin bin;
    GdkWindow *event_window;
```

```
    gchar *label_text;
    guint activate_timeout;
    guint constructed:1;
    guint in_button:1;
    guint button_down:1;
    guint relief:2;
    guint use_underline:1;
    guint use_stock:1;
    guint depressed:1;
    guint depress_on_activate:1;
    guint focus_on_click:1;
} GtkButton;
typedef struct _GtkToggleButton {
    GtkButton button;
    guint active:1;
    guint draw_indicator:1;
    guint inconsistent:1;
} GtkToggleButton;
typedef struct _GtkIconThemePrivate GtkIconThemePrivate;
typedef struct _GtkIconTheme {
    GObject parent_instance;
    GtkIconThemePrivate *priv;
} GtkIconTheme;
typedef enum {
    GTK_ARROW_UP = 0,
    GTK_ARROW_DOWN = 1,
    GTK_ARROW_LEFT = 2,
    GTK_ARROW_RIGHT = 3
} GtkArrowType;
typedef enum {
    GTK_SHADOW_NONE = 0,
    GTK_SHADOW_IN = 1,
    GTK_SHADOW_OUT = 2,
    GTK_SHADOW_ETCHED_IN = 3,
    GTK_SHADOW_ETCHED_OUT = 4
} GtkShadowType;
typedef struct _GtkTextWindow GtkTextWindow;
typedef struct _GtkTextPendingScroll GtkTextPendingScroll;
typedef struct _GtkTextView {
    GtkContainer parent_instance;
    struct _GtkTextLayout *layout;
    GtkTextBuffer *buffer;
    guint selection_drag_handler;
    guint scroll_timeout;
    gint pixels_above_lines;
    gint pixels_below_lines;
    gint pixels_inside_wrap;
    GtkWrapMode wrap_mode;
    GtkJustification justify;
    gint left_margin;
    gint right_margin;
    gint indent;
    PangoTabArray *tabs;
    guint editable:1;
    guint overwrite_mode:1;
    guint cursor_visible:1;
    guint need_im_reset:1;
    guint accepts_tab:1;
    guint reserved:1;
    guint onscreen_validated:1;
    guint mouse_cursor_obscured:1;
    GtkTextWindow *text_window;
    GtkTextWindow *left_window;
    GtkTextWindow *right_window;
    GtkTextWindow *top_window;
    GtkTextWindow *bottom_window;
```

 © 2008 Linux Foundation

```
    GtkAdjustment *hadjustment;
    GtkAdjustment *vadjustment;
    gint xoffset;
    gint yoffset;
    gint width;
    gint height;
    gint virtual_cursor_x;
    gint virtual_cursor_y;
    GtkTextMark *first_para_mark;
    gint first_para_pixels;
    GtkTextMark *dnd_mark;
    guint blink_timeout;
    guint first_validate_idle;
    guint incremental_validate_idle;
    GtkIMContext *im_context;
    GtkWidget *popup_menu;
    gint drag_start_x;
    gint drag_start_y;
    GSList *children;
    GtkTextPendingScroll *pending_scroll;
    gint pending_place_cursor_button;
} GtkTextView;
typedef enum {
    GTK_TEXT_WINDOW_PRIVATE = 0,
    GTK_TEXT_WINDOW_WIDGET = 1,
    GTK_TEXT_WINDOW_TEXT = 2,
    GTK_TEXT_WINDOW_LEFT = 3,
    GTK_TEXT_WINDOW_RIGHT = 4,
    GTK_TEXT_WINDOW_TOP = 5,
    GTK_TEXT_WINDOW_BOTTOM = 6
} GtkTextWindowType;
typedef struct _GtkObjectClass {
    GObjectClass parent_class;
    void (*set_arg) (GtkObject *, GtkArg *, guint);
    void (*get_arg) (GtkObject *, GtkArg *, guint);
    void (*destroy) (GtkObject *);
} GtkObjectClass;
typedef enum {
    GTK_DIR_TAB_FORWARD = 0,
    GTK_DIR_TAB_BACKWARD = 1,
    GTK_DIR_UP = 2,
    GTK_DIR_DOWN = 3,
    GTK_DIR_LEFT = 4,
    GTK_DIR_RIGHT = 5
} GtkDirectionType;
typedef enum {
    GTK_WIDGET_HELP_TOOLTIP = 0,
    GTK_WIDGET_HELP_WHATS_THIS = 1
} GtkWidgetHelpType;
typedef struct _GtkWidgetClass {
    GtkObjectClass parent_class;
    guint activate_signal;
    guint set_scroll_adjustments_signal;
        void  (*dispatch_child_properties_changed)  (GtkWidget  *,
guint,
                                                     GParamSpec * *);
    void (*show) (GtkWidget *);
    void (*show_all) (GtkWidget *);
    void (*hide) (GtkWidget *);
    void (*hide_all) (GtkWidget *);
    void (*map) (GtkWidget *);
    void (*unmap) (GtkWidget *);
    void (*realize) (GtkWidget *);
    void (*unrealize) (GtkWidget *);
    void (*size_request) (GtkWidget *, GtkRequisition *);
    void (*size_allocate) (GtkWidget *, GtkAllocation *);
```

```
    void (*state_changed) (GtkWidget *, GtkStateType);
    void (*parent_set) (GtkWidget *, GtkWidget *);
    void (*hierarchy_changed) (GtkWidget *, GtkWidget *);
    void (*style_set) (GtkWidget *, GtkStyle *);
    void (*direction_changed) (GtkWidget *, GtkTextDirection);
    void (*grab_notify) (GtkWidget *, gboolean);
    void (*child_notify) (GtkWidget *, GParamSpec *);
     gboolean(*mnemonic_activate) (GtkWidget *, gboolean);
    void (*grab_focus) (GtkWidget *);
     gboolean(*focus) (GtkWidget *, GtkDirectionType);
     gboolean(*event) (GtkWidget *, GdkEvent *);
       gboolean(*button_press_event) (GtkWidget *, GdkEventButton
*);
      gboolean(*button_release_event) (GtkWidget *, GdkEventButton
*);
     gboolean(*scroll_event) (GtkWidget *, GdkEventScroll *);
      gboolean(*motion_notify_event) (GtkWidget *, GdkEventMotion
*);
     gboolean(*delete_event) (GtkWidget *, GdkEventAny *);
     gboolean(*destroy_event) (GtkWidget *, GdkEventAny *);
     gboolean(*expose_event) (GtkWidget *, GdkEventExpose *);
     gboolean(*key_press_event) (GtkWidget *, GdkEventKey *);
     gboolean(*key_release_event) (GtkWidget *, GdkEventKey *);
      gboolean(*enter_notify_event) (GtkWidget *, GdkEventCrossing
*);
      gboolean(*leave_notify_event) (GtkWidget *, GdkEventCrossing
*);
       gboolean(*configure_event) (GtkWidget *, GdkEventConfigure
*);
     gboolean(*focus_in_event) (GtkWidget *, GdkEventFocus *);
     gboolean(*focus_out_event) (GtkWidget *, GdkEventFocus *);
     gboolean(*map_event) (GtkWidget *, GdkEventAny *);
     gboolean(*unmap_event) (GtkWidget *, GdkEventAny *);
                gboolean(*property_notify_event)   (GtkWidget   *,
GdkEventProperty *);
               gboolean(*selection_clear_event)   (GtkWidget   *,
GdkEventSelection *);
              gboolean(*selection_request_event)   (GtkWidget   *,
GdkEventSelection *);
               gboolean(*selection_notify_event)   (GtkWidget   *,
GdkEventSelection *);
                 gboolean(*proximity_in_event)   (GtkWidget   *,
GdkEventProximity *);
                gboolean(*proximity_out_event)   (GtkWidget   *,
GdkEventProximity *);
     gboolean(*visibility_notify_event) (GtkWidget *,
                                         GdkEventVisibility *);
     gboolean(*client_event) (GtkWidget *, GdkEventClient *);
     gboolean(*no_expose_event) (GtkWidget *, GdkEventAny *);
                 gboolean(*window_state_event)   (GtkWidget   *,
GdkEventWindowState *);
       void  (*selection_get)  (GtkWidget  *,  GtkSelectionData  *,
guint, guint);
     void (*selection_received) (GtkWidget *, GtkSelectionData *,
guint);
    void (*drag_begin) (GtkWidget *, GdkDragContext *);
    void (*drag_end) (GtkWidget *, GdkDragContext *);
    void (*drag_data_get) (GtkWidget *, GdkDragContext *,
                           GtkSelectionData *, guint, guint);
    void (*drag_data_delete) (GtkWidget *, GdkDragContext *);
    void (*drag_leave) (GtkWidget *, GdkDragContext *, guint);
     gboolean(*drag_motion) (GtkWidget *, GdkDragContext *, gint,
gint,
                             guint);
      gboolean(*drag_drop) (GtkWidget  *,  GdkDragContext  *,  gint,
gint,
```

 © 2008 Linux Foundation

```
                                guint);
     void (*drag_data_received) (GtkWidget *, GdkDragContext *,
gint, gint,
                                         GtkSelectionData *, guint,
guint);
     gboolean(*popup_menu) (GtkWidget *);
     gboolean(*show_help) (GtkWidget *, GtkWidgetHelpType);
    AtkObject *(*get_accessible) (GtkWidget *);
    void (*screen_changed) (GtkWidget *, GdkScreen *);
     gboolean(*can_activate_accel) (GtkWidget *, guint);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
    void (*_gtk_reserved5) (void);
    void (*_gtk_reserved6) (void);
    void (*_gtk_reserved7) (void);
} GtkWidgetClass;
typedef gboolean(*GtkRcPropertyParser) (const GParamSpec *,
                                              const GString *, GValue
*);
typedef enum {
    GTK_IMAGE_EMPTY = 0,
    GTK_IMAGE_PIXMAP = 1,
    GTK_IMAGE_IMAGE = 2,
    GTK_IMAGE_PIXBUF = 3,
    GTK_IMAGE_STOCK = 4,
    GTK_IMAGE_ICON_SET = 5,
    GTK_IMAGE_ANIMATION = 6,
    GTK_IMAGE_ICON_NAME = 7
} GtkImageType;
typedef struct _GtkImagePixmapData {
    GdkPixmap *pixmap;
} GtkImagePixmapData;
typedef struct _GtkImageImageData {
    GdkImage *image;
} GtkImageImageData;
typedef struct _GtkImagePixbufData {
    GdkPixbuf *pixbuf;
} GtkImagePixbufData;
typedef struct _GtkImageStockData {
    gchar *stock_id;
} GtkImageStockData;
typedef struct _GtkImageIconSetData {
    GtkIconSet *icon_set;
} GtkImageIconSetData;
typedef struct _GtkImageAnimationData {
    GdkPixbufAnimation *anim;
    GdkPixbufAnimationIter *iter;
    guint frame_timeout;
} GtkImageAnimationData;
typedef struct _GtkImageIconNameData {
    gchar *icon_name;
    GdkPixbuf *pixbuf;
    guint theme_change_id;
} GtkImageIconNameData;
typedef enum {
    GTK_ICON_SIZE_INVALID = 0,
    GTK_ICON_SIZE_MENU = 1,
    GTK_ICON_SIZE_SMALL_TOOLBAR = 2,
    GTK_ICON_SIZE_LARGE_TOOLBAR = 3,
    GTK_ICON_SIZE_BUTTON = 4,
    GTK_ICON_SIZE_DND = 5,
    GTK_ICON_SIZE_DIALOG = 6
} GtkIconSize;
typedef struct _GtkImage {
    GtkMisc misc;
```

```
        GtkImageType storage_type;
        union {
            GtkImagePixmapData pixmap;
            GtkImageImageData image;
            GtkImagePixbufData pixbuf;
            GtkImageStockData stock;
            GtkImageIconSetData icon_set;
            GtkImageAnimationData anim;
            GtkImageIconNameData name;
        } data;
        GdkBitmap *mask;
        GtkIconSize icon_size;
    } GtkImage;
    typedef struct _GtkTreeViewPrivate GtkTreeViewPrivate;
    typedef struct _GtkTreeView {
        GtkContainer parent;
        GtkTreeViewPrivate *priv;
    } GtkTreeView;
    typedef enum {
        GTK_UPDATE_ALWAYS = 0,
        GTK_UPDATE_IF_VALID = 1
    } GtkSpinButtonUpdatePolicy;
    typedef struct _GtkSpinButton {
        GtkEntry entry;
        GtkAdjustment *adjustment;
        GdkWindow *panel;
        guint32 timer;
        gdouble climb_rate;
        gdouble timer_step;
        GtkSpinButtonUpdatePolicy update_policy;
        guint in_child:2;
        guint click_child:2;
        guint button:2;
        guint need_timer:1;
        guint timer_calls:3;
        guint digits:10;
        guint numeric:1;
        guint wrap:1;
        guint snap_to_ticks:1;
    } GtkSpinButton;
    typedef struct _GtkCellLayout GtkCellLayout;
    typedef struct _GtkFileSelection {
        GtkDialog parent_instance;
        GtkWidget *dir_list;
        GtkWidget *file_list;
        GtkWidget *selection_entry;
        GtkWidget *selection_text;
        GtkWidget *main_vbox;
        GtkWidget *ok_button;
        GtkWidget *cancel_button;
        GtkWidget *help_button;
        GtkWidget *history_pulldown;
        GtkWidget *history_menu;
        GList *history_list;
        GtkWidget *fileop_dialog;
        GtkWidget *fileop_entry;
        gchar *fileop_file;
        gpointer cmpl_state;
        GtkWidget *fileop_c_dir;
        GtkWidget *fileop_del_file;
        GtkWidget *fileop_ren_file;
        GtkWidget *button_area;
        GtkWidget *action_area;
        GPtrArray *selected_names;
        gchar *last_selected;
    } GtkFileSelection;
```

 © 2008 Linux Foundation

```
typedef struct _GtkTooltips {
    GtkObject parent_instance;
    GtkWidget *tip_window;
    GtkWidget *tip_label;
    GtkTooltipsData *active_tips_data;
    GList *tips_data_list;
    guint delay:30;
    guint enabled:1;
    guint have_grab:1;
    guint use_sticky_delay:1;
    gint timer_tag;
    GTimeVal last_popdown;
} GtkTooltips;
typedef struct _GtkTooltipsData {
    GtkTooltips *tooltips;
    GtkWidget *widget;
    gchar *tip_text;
    gchar *tip_private;
} GtkTooltipsData;
typedef gboolean(*GtkTreeViewRowSeparatorFunc) (GtkTreeModel *,
                                                GtkTreeIter *,
gpointer);
typedef             struct             _GtkEntryCompletionPrivate
GtkEntryCompletionPrivate;
typedef struct _GtkEntryCompletion {
    GObject parent_instance;
    GtkEntryCompletionPrivate *priv;
} GtkEntryCompletion;
typedef struct _GtkClipboard GtkClipboard;
typedef             struct             _GtkTreeModelFilterPrivate
GtkTreeModelFilterPrivate;
typedef struct _GtkTreeModelFilter {
    GObject parent;
    GtkTreeModelFilterPrivate *priv;
} GtkTreeModelFilter;
typedef struct _GtkTreeModelSort {
    GObject parent;
    gpointer root;
    gint stamp;
    guint child_flags;
    GtkTreeModel *child_model;
    gint zero_ref_count;
    GList *sort_list;
    gint sort_column_id;
    GtkSortType order;
    GtkTreeIterCompareFunc default_sort_func;
    gpointer default_sort_data;
    GtkDestroyNotify default_sort_destroy;
    guint changed_id;
    guint inserted_id;
    guint has_child_toggled_id;
    guint deleted_id;
    guint reordered_id;
} GtkTreeModelSort;
typedef void (*GtkTreeCellDataFunc) (GtkTreeViewColumn *,
                                     GtkCellRenderer  *,
GtkTreeModel *,
                                  GtkTreeIter *, gpointer);
typedef struct _GtkColorButtonPrivate GtkColorButtonPrivate;
typedef struct _GtkColorButton {
    GtkButton button;
    GtkColorButtonPrivate *priv;
} GtkColorButton;
typedef enum {
    GTK_FILE_CHOOSER_ACTION_OPEN = 0,
    GTK_FILE_CHOOSER_ACTION_SAVE = 1,
```

```
    GTK_FILE_CHOOSER_ACTION_SELECT_FOLDER = 2,
    GTK_FILE_CHOOSER_ACTION_CREATE_FOLDER = 3
} GtkFileChooserAction;
typedef void (*GtkCallback) (GtkWidget *, gpointer);
typedef struct _GtkHandleBox {
    GtkBin bin;
    GdkWindow *bin_window;
    GdkWindow *float_window;
    GtkShadowType shadow_type;
    guint handle_position:2;
    guint float_window_mapped:1;
    guint child_detached:1;
    guint in_drag:1;
    guint shrink_on_detach:1;
    int snap_edge:3;
    gint deskoff_x;
    gint deskoff_y;
    GtkAllocation attach_allocation;
    GtkAllocation float_allocation;
} GtkHandleBox;
typedef enum {
    GTK_SELECTION_NONE = 0,
    GTK_SELECTION_SINGLE = 1,
    GTK_SELECTION_BROWSE = 2,
    GTK_SELECTION_MULTIPLE = 3,
    GTK_SELECTION_EXTENDED = 3
} GtkSelectionMode;
typedef struct _GtkActionGroupPrivate GtkActionGroupPrivate;
typedef struct _GtkActionGroup {
    GObject parent;
    GtkActionGroupPrivate *private_data;
} GtkActionGroup;
typedef struct _GtkBindingSet {
    gchar *set_name;
    gint priority;
    GSList *widget_path_pspecs;
    GSList *widget_class_pspecs;
    GSList *class_branch_pspecs;
    GtkBindingEntry *entries;
    GtkBindingEntry *current;
    guint parsed:1;
} GtkBindingSet;
typedef struct _GtkBindingEntry {
    guint keyval;
    GdkModifierType modifiers;
    GtkBindingSet *binding_set;
    guint destroyed:1;
    guint in_emission:1;
    GtkBindingEntry *set_next;
    GtkBindingEntry *hash_next;
    GtkBindingSignal *signals;
} GtkBindingEntry;
typedef struct _GtkBindingSignal {
    GtkBindingSignal *next;
    gchar *signal_name;
    guint n_args;
    GtkBindingArg *args;
} GtkBindingSignal;
typedef struct _GtkBindingArg {
    GType arg_type;
    union {
        glong long_data;
        gdouble double_data;
        gchar *string_data;
    } d;
} GtkBindingArg;
```

 © 2008 Linux Foundation

```
typedef struct _GtkScrolledWindow {
    GtkBin container;
    GtkWidget *hscrollbar;
    GtkWidget *vscrollbar;
    guint hscrollbar_policy:2;
    guint vscrollbar_policy:2;
    guint hscrollbar_visible:1;
    guint vscrollbar_visible:1;
    guint window_placement:2;
    guint focus_out:1;
    guint16 shadow_type;
} GtkScrolledWindow;
typedef enum {
    GTK_CORNER_TOP_LEFT = 0,
    GTK_CORNER_BOTTOM_LEFT = 1,
    GTK_CORNER_TOP_RIGHT = 2,
    GTK_CORNER_BOTTOM_RIGHT = 3
} GtkCornerType;
typedef struct _GtkFrame {
    GtkBin bin;
    GtkWidget *label_widget;
    gint16 shadow_type;
    gfloat label_xalign;
    gfloat label_yalign;
    GtkAllocation child_allocation;
} GtkFrame;
typedef struct _GtkTextChildAnchor {
    GObject parent_instance;
    gpointer segment;
} GtkTextChildAnchor;
typedef            struct            _GtkSeparatorToolItemPrivate
GtkSeparatorToolItemPrivate;
typedef struct _GtkSeparatorToolItem {
    GtkToolItem parent;
    GtkSeparatorToolItemPrivate *priv;
} GtkSeparatorToolItem;
typedef struct _GtkTreeSelection {
    GObject parent;
    GtkTreeView *tree_view;
    GtkSelectionMode type;
    GtkTreeSelectionFunc user_func;
    gpointer user_data;
    GtkDestroyNotify destroy;
} GtkTreeSelection;
typedef gboolean(*GtkTreeSelectionFunc) (GtkTreeSelection *,
                                                    GtkTreeModel *,
GtkTreePath *,
                                          gboolean, gpointer);
typedef struct _GtkExpanderPrivate GtkExpanderPrivate;
typedef struct _GtkExpander {
    GtkBin bin;
    GtkExpanderPrivate *priv;
} GtkExpander;
typedef enum {
    GTK_POS_LEFT = 0,
    GTK_POS_RIGHT = 1,
    GTK_POS_TOP = 2,
    GTK_POS_BOTTOM = 3
} GtkPositionType;
typedef enum {
    GTK_UI_MANAGER_AUTO = 0,
    GTK_UI_MANAGER_MENUBAR = 1,
    GTK_UI_MANAGER_MENU = 2,
    GTK_UI_MANAGER_TOOLBAR = 4,
    GTK_UI_MANAGER_PLACEHOLDER = 8,
    GTK_UI_MANAGER_POPUP = 16,
```

```
    GTK_UI_MANAGER_MENUITEM = 32,
    GTK_UI_MANAGER_TOOLITEM = 64,
    GTK_UI_MANAGER_SEPARATOR = 128,
    GTK_UI_MANAGER_ACCELERATOR = 256
} GtkUIManagerItemType;
typedef struct _GtkFontSelectionDialog {
    GtkDialog parent_instance;
    GtkWidget *fontsel;
    GtkWidget *main_vbox;
    GtkWidget *action_area;
    GtkWidget *ok_button;
    GtkWidget *apply_button;
    GtkWidget *cancel_button;
    gint dialog_width;
    gboolean auto_resize;
} GtkFontSelectionDialog;
typedef struct _GtkPanedPrivate GtkPanedPrivate;
typedef struct _GtkPaned {
    GtkContainer container;
    GtkWidget *child1;
    GtkWidget *child2;
    GdkWindow *handle;
    GdkGC *xor_gc;
    GdkCursorType cursor_type;
    GdkRectangle handle_pos;
    gint child1_size;
    gint last_allocation;
    gint min_position;
    gint max_position;
    guint position_set:1;
    guint in_drag:1;
    guint child1_shrink:1;
    guint child1_resize:1;
    guint child2_shrink:1;
    guint child2_resize:1;
    guint orientation:1;
    guint in_recursion:1;
    guint handle_prelit:1;
    GtkWidget *last_child1_focus;
    GtkWidget *last_child2_focus;
    GtkPanedPrivate *priv;
    gint drag_pos;
    gint original_position;
} GtkPaned;
typedef struct _GtkViewport {
    GtkBin bin;
    GtkShadowType shadow_type;
    GdkWindow *view_window;
    GdkWindow *bin_window;
    GtkAdjustment *hadjustment;
    GtkAdjustment *vadjustment;
} GtkViewport;
typedef struct _GtkScale {
    GtkRange range;
    gint digits;
    guint draw_value:1;
    guint value_pos:2;
} GtkScale;
typedef struct _GtkListStore {
    GObject parent;
    gint stamp;
    gpointer seq;
    gpointer _gtk_reserved1;
    GList *sort_list;
    gint n_columns;
    gint sort_column_id;
```

 © 2008 Linux Foundation

```
    GtkSortType order;
    GType *column_headers;
    gint length;
    GtkTreeIterCompareFunc default_sort_func;
    gpointer default_sort_data;
    GtkDestroyNotify default_sort_destroy;
    guint columns_dirty:1;
} GtkListStore;
typedef struct _GtkEditable GtkEditable;
typedef    void    (*GtkClipboardGetFunc)    (GtkClipboard    *,
GtkSelectionData *,
                                        guint, gpointer);
typedef void (*GtkClipboardClearFunc) (GtkClipboard *, gpointer);
typedef struct _GtkRadioActionEntry {
    const gchar *name;
    const gchar *stock_id;
    const gchar *label;
    const gchar *accelerator;
    const gchar *tooltip;
    gint value;
} GtkRadioActionEntry;
typedef gboolean(*GtkTreeViewColumnDropFunc) (GtkTreeView *,
                                              GtkTreeViewColumn
*,
                                              GtkTreeViewColumn
*,
                                              GtkTreeViewColumn
*,
                                             gpointer);
typedef struct _GtkEventBox {
    GtkBin bin;
} GtkEventBox;
typedef struct _GtkTreeDragDest GtkTreeDragDest;
typedef struct _GtkToggleActionEntry {
    const gchar *name;
    const gchar *stock_id;
    const gchar *label;
    const gchar *accelerator;
    const gchar *tooltip;
    GCallback callback;
    gboolean is_active;
} GtkToggleActionEntry;
typedef struct _GtkAccelLabel {
    GtkLabel label;
    guint gtk_reserved;
    guint accel_padding;
    GtkWidget *accel_widget;
    GClosure *accel_closure;
    GtkAccelGroup *accel_group;
    gchar *accel_string;
    guint16 accel_string_width;
} GtkAccelLabel;
typedef struct _GtkImageMenuItem {
    GtkMenuItem menu_item;
    GtkWidget *image;
} GtkImageMenuItem;
typedef struct _GtkPlug {
    GtkWindow window;
    GdkWindow *socket_window;
    GtkWidget *modality_window;
    GtkWindowGroup *modality_group;
    GHashTable *grabbed_keys;
    guint same_app:1;
} GtkPlug;
typedef            struct            _GtkFileChooserButtonPrivate
GtkFileChooserButtonPrivate;
```

```
typedef struct _GtkFileChooserButton {
    GtkHBox parent;
    GtkFileChooserButtonPrivate *priv;
} GtkFileChooserButton;
typedef struct _GtkStockItem {
    gchar *stock_id;
    gchar *label;
    GdkModifierType modifier;
    guint keyval;
    gchar *translation_domain;
} GtkStockItem;
typedef gchar *(*GtkTranslateFunc) (const gchar *, gpointer);
typedef enum {
    GTK_TOOLBAR_ICONS = 0,
    GTK_TOOLBAR_TEXT = 1,
    GTK_TOOLBAR_BOTH = 2,
    GTK_TOOLBAR_BOTH_HORIZ = 3
} GtkToolbarStyle;
typedef struct _GtkToolbar {
    GtkContainer container;
    gint num_children;
    GList *children;
    GtkOrientation orientation;
    GtkToolbarStyle style;
    GtkIconSize icon_size;
    GtkTooltips *tooltips;
    gint button_maxw;
    gint button_maxh;
    guint style_set_connection;
    guint icon_size_connection;
    guint style_set:1;
    guint icon_size_set:1;
} GtkToolbar;
typedef    void    (*GtkCellLayoutDataFunc)    (GtkCellLayout    *,
GtkCellRenderer *,
                                                GtkTreeModel *,
GtkTreeIter *,
                                          gpointer);
typedef struct _GtkCellRendererToggle {
    GtkCellRenderer parent;
    guint active:1;
    guint activatable:1;
    guint radio:1;
} GtkCellRendererToggle;
typedef enum {
    GTK_RELIEF_NORMAL = 0,
    GTK_RELIEF_HALF = 1,
    GTK_RELIEF_NONE = 2
} GtkReliefStyle;
typedef  void  (*GtkClipboardImageReceivedFunc)  (GtkClipboard  *,
GdkPixbuf *,
                                                  gpointer);
typedef enum {
    GTK_CELL_RENDERER_SELECTED = 1,
    GTK_CELL_RENDERER_PRELIT = 2,
    GTK_CELL_RENDERER_INSENSITIVE = 4,
    GTK_CELL_RENDERER_SORTED = 8,
    GTK_CELL_RENDERER_FOCUSED = 16
} GtkCellRendererState;
typedef struct _GtkActionEntry {
    const gchar *name;
    const gchar *stock_id;
    const gchar *label;
    const gchar *accelerator;
    const gchar *tooltip;
    GCallback callback;
```

 © 2008 Linux Foundation

```
} GtkActionEntry;
typedef struct _GtkCheckButton {
    GtkToggleButton toggle_button;
} GtkCheckButton;
typedef struct _GtkRadioButton {
    GtkCheckButton check_button;
    GSList *group;
} GtkRadioButton;
typedef struct _GtkAlignment {
    GtkBin bin;
    gfloat xalign;
    gfloat yalign;
    gfloat xscale;
    gfloat yscale;
} GtkAlignment;
typedef struct _GtkContainerClass {
    GtkWidgetClass parent_class;
    void (*add) (GtkContainer *, GtkWidget *);
    void (*remove) (GtkContainer *, GtkWidget *);
    void (*check_resize) (GtkContainer *);
       void  (*forall)  (GtkContainer  *,  gboolean,  GtkCallback,
gpointer);
    void (*set_focus_child) (GtkContainer *, GtkWidget *);
     GType(*child_type) (GtkContainer *);
    gchar *(*composite_name) (GtkContainer *, GtkWidget *);
      void  (*set_child_property)  (GtkContainer  *,  GtkWidget  *,
guint,
                                    const GValue *, GParamSpec *);
      void  (*get_child_property)  (GtkContainer  *,  GtkWidget  *,
guint,
                                    GValue *, GParamSpec *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkContainerClass;
typedef struct _GtkFontButtonPrivate GtkFontButtonPrivate;
typedef struct _GtkFontButton {
    GtkButton button;
    GtkFontButtonPrivate *priv;
} GtkFontButton;
typedef struct _GtkBorder {
    gint left;
    gint right;
    gint top;
    gint bottom;
} GtkBorder;
typedef struct _GtkMessageDialog {
    GtkDialog parent_instance;
    GtkWidget *image;
    GtkWidget *label;
} GtkMessageDialog;
typedef struct _GtkRulerMetric {
    gchar *metric_name;
    gchar *abbrev;
    gdouble pixels_per_unit;
    gdouble ruler_scale[10];
    gint subdivide[5];
} GtkRulerMetric;
typedef struct _GtkRuler {
    GtkWidget widget;
    GdkPixmap *backing_store;
    GdkGC *non_gr_exp_gc;
    GtkRulerMetric *metric;
    gint xsrc;
    gint ysrc;
```

```
    gint slider_size;
    gdouble lower;
    gdouble upper;
    gdouble position;
    gdouble max_size;
} GtkRuler;
typedef enum {
    GTK_ACCEL_VISIBLE = 1,
    GTK_ACCEL_LOCKED = 2,
    GTK_ACCEL_MASK = 7
} GtkAccelFlags;
typedef gboolean(*GtkTextCharPredicate) (gunichar, gpointer);
typedef             struct             _GtkMenuToolButtonPrivate
GtkMenuToolButtonPrivate;
typedef struct _GtkMenuToolButton {
    GtkToolButton parent;
    GtkMenuToolButtonPrivate *priv;
} GtkMenuToolButton;
typedef            struct            _GtkToggleToolButtonPrivate
GtkToggleToolButtonPrivate;
typedef struct _GtkToggleToolButton {
    GtkToolButton parent;
    GtkToggleToolButtonPrivate *priv;
} GtkToggleToolButton;
typedef struct _GtkRadioToolButton {
    GtkToggleToolButton parent;
} GtkRadioToolButton;
typedef struct _GtkSizeGroup {
    GObject parent_instance;
    GSList *widgets;
    guint8 mode;
    guint have_width:1;
    guint have_height:1;
    GtkRequisition requisition;
} GtkSizeGroup;
typedef enum {
    GTK_SIZE_GROUP_NONE = 0,
    GTK_SIZE_GROUP_HORIZONTAL = 1,
    GTK_SIZE_GROUP_VERTICAL = 2,
    GTK_SIZE_GROUP_BOTH = 3
} GtkSizeGroupMode;
typedef enum {
    GTK_DIALOG_MODAL = 1,
    GTK_DIALOG_DESTROY_WITH_PARENT = 2,
    GTK_DIALOG_NO_SEPARATOR = 4
} GtkDialogFlags;
typedef  void  (*GtkTreeSelectionForeachFunc)  (GtkTreeModel  *,
GtkTreePath *,
                                                GtkTreeIter *,
gpointer);
typedef enum {
    GTK_ICON_LOOKUP_NO_SVG = 1,
    GTK_ICON_LOOKUP_FORCE_SVG = 2,
    GTK_ICON_LOOKUP_USE_BUILTIN = 4
} GtkIconLookupFlags;
typedef  gboolean(*GtkTreeViewSearchEqualFunc)  (GtkTreeModel  *,
gint,
                                            const gchar *,
                                                GtkTreeIter *,
gpointer);
typedef enum {
    GTK_PIXELS = 0,
    GTK_INCHES = 1,
    GTK_CENTIMETERS = 2
} GtkMetricType;
typedef struct _GtkIMContextSimple {
```

 © 2008 Linux Foundation

```
    GtkIMContext object;
    GSList *tables;
    guint compose_buffer[8];
    gunichar tentative_match;
    gint tentative_match_len;
    guint in_hex_sequence:1;
} GtkIMContextSimple;
typedef void (*GtkClipboardTargetsReceivedFunc) (GtkClipboard *,
GdkAtom *,
                                                 gint, gpointer);
typedef enum {
    GTK_EXPAND = 1,
    GTK_SHRINK = 2,
    GTK_FILL = 4
} GtkAttachOptions;
typedef struct _GtkFontSelection {
    GtkVBox parent_instance;
    GtkWidget *font_entry;
    GtkWidget *family_list;
    GtkWidget *font_style_entry;
    GtkWidget *face_list;
    GtkWidget *size_entry;
    GtkWidget *size_list;
    GtkWidget *pixels_button;
    GtkWidget *points_button;
    GtkWidget *filter_button;
    GtkWidget *preview_entry;
    PangoFontFamily *family;
    PangoFontFace *face;
    gint size;
    GdkFont *font;
} GtkFontSelection;
typedef void (*GtkClipboardTextReceivedFunc) (GtkClipboard *,
                                              const gchar *,
gpointer);
typedef gboolean(*GtkAccelGroupFindFunc) (GtkAccelKey *, GClosure
*,
                                          gpointer);
typedef    void    (*GtkTreeDestroyCountFunc)    (GtkTreeView    *,
GtkTreePath *,
                                         gint, gpointer);
typedef enum {
    GTK_TREE_VIEW_DROP_BEFORE = 0,
    GTK_TREE_VIEW_DROP_AFTER = 1,
    GTK_TREE_VIEW_DROP_INTO_OR_BEFORE = 2,
    GTK_TREE_VIEW_DROP_INTO_OR_AFTER = 3
} GtkTreeViewDropPosition;
typedef struct _GtkAspectFrame {
    GtkFrame frame;
    gfloat xalign;
    gfloat yalign;
    gfloat ratio;
    gboolean obey_child;
    GtkAllocation center_allocation;
} GtkAspectFrame;
typedef gboolean(*GtkFileFilterFunc) (const GtkFileFilterInfo *,
gpointer);
typedef              struct              _GtkIMMulticontextPrivate
GtkIMMulticontextPrivate;
typedef struct _GtkIMMulticontext {
    GtkIMContext object;
    GtkIMContext *slave;
    GtkIMMulticontextPrivate *priv;
    const gchar *context_id;
} GtkIMMulticontext;
typedef enum {
```

```
    GTK_MESSAGE_INFO = 0,
    GTK_MESSAGE_WARNING = 1,
    GTK_MESSAGE_QUESTION = 2,
    GTK_MESSAGE_ERROR = 3
} GtkMessageType;
typedef enum {
    GTK_BUTTONS_NONE = 0,
    GTK_BUTTONS_OK = 1,
    GTK_BUTTONS_CLOSE = 2,
    GTK_BUTTONS_CANCEL = 3,
    GTK_BUTTONS_YES_NO = 4,
    GTK_BUTTONS_OK_CANCEL = 5
} GtkButtonsType;
typedef  void  (*GtkAccelMapForeach)  (gpointer,  const  gchar  *,
guint,
                                       GdkModifierType, gboolean);
typedef enum {
    GTK_POLICY_ALWAYS = 0,
    GTK_POLICY_AUTOMATIC = 1,
    GTK_POLICY_NEVER = 2
} GtkPolicyType;
typedef enum {
    GTK_RESIZE_PARENT = 0,
    GTK_RESIZE_QUEUE = 1,
    GTK_RESIZE_IMMEDIATE = 2
} GtkResizeMode;
typedef    void    (*GtkColorSelectionChangePaletteWithScreenFunc)
(GdkScreen *,
                                                                con
st
                                                                Gdk
Color *,
                                                                gin
t);
typedef void (*GtkClipboardReceivedFunc) (GtkClipboard *,
                                                    GtkSelectionData *,
gpointer);
typedef    void    (*GtkTreeViewMappingFunc)    (GtkTreeView    *,
GtkTreePath *,
                                              gpointer);
typedef gboolean(*GtkTreeModelFilterVisibleFunc) (GtkTreeModel *,
                                                      GtkTreeIter *,
gpointer);
typedef enum {
    GTK_TEXT_SEARCH_VISIBLE_ONLY = 1,
    GTK_TEXT_SEARCH_TEXT_ONLY = 2
} GtkTextSearchFlags;
typedef struct _GtkFixed {
    GtkContainer container;
    GList *children;
} GtkFixed;
typedef enum {
    GTK_DEST_DEFAULT_MOTION = 1,
    GTK_DEST_DEFAULT_HIGHLIGHT = 2,
    GTK_DEST_DEFAULT_DROP = 4,
    GTK_DEST_DEFAULT_ALL = 7
} GtkDestDefaults;
typedef  gint(*GtkKeySnoopFunc)  (GtkWidget  *,  GdkEventKey  *,
gpointer);
typedef enum {
    GTK_SPIN_STEP_FORWARD = 0,
    GTK_SPIN_STEP_BACKWARD = 1,
    GTK_SPIN_PAGE_FORWARD = 2,
    GTK_SPIN_PAGE_BACKWARD = 3,
    GTK_SPIN_HOME = 4,
    GTK_SPIN_END = 5,
```

 © 2008 Linux Foundation

```
    GTK_SPIN_USER_DEFINED = 6
} GtkSpinType;
typedef enum {
    GTK_WINDOW_TOPLEVEL = 0,
    GTK_WINDOW_POPUP = 1
} GtkWindowType;
typedef void (*GtkMenuDetachFunc) (GtkWidget *, GtkMenu *);
typedef struct _GtkInvisible {
    GtkWidget widget;
    gboolean has_user_ref_count;
    GdkScreen *screen;
} GtkInvisible;
typedef enum {
    GTK_WIN_POS_NONE = 0,
    GTK_WIN_POS_CENTER = 1,
    GTK_WIN_POS_MOUSE = 2,
    GTK_WIN_POS_CENTER_ALWAYS = 3,
    GTK_WIN_POS_CENTER_ON_PARENT = 4
} GtkWindowPosition;
typedef void (*GtkTextTagTableForeach) (GtkTextTag *, gpointer);
typedef                      gboolean(*GtkEntryCompletionMatchFunc)
(GtkEntryCompletion *,
                                                const gchar *,
                                                   GtkTreeIter *,
gpointer);
typedef struct _GtkAccessible {
    AtkObject parent;
    GtkWidget *widget;
} GtkAccessible;
typedef enum {
    GTK_EXPANDER_COLLAPSED = 0,
    GTK_EXPANDER_SEMI_COLLAPSED = 1,
    GTK_EXPANDER_SEMI_EXPANDED = 2,
    GTK_EXPANDER_EXPANDED = 3
} GtkExpanderStyle;
typedef enum {
    GTK_PATH_PRIO_LOWEST = 0,
    GTK_PATH_PRIO_GTK = 4,
    GTK_PATH_PRIO_APPLICATION = 8,
    GTK_PATH_PRIO_THEME = 10,
    GTK_PATH_PRIO_RC = 12,
    GTK_PATH_PRIO_HIGHEST = 15
} GtkPathPriorityType;
typedef struct _GtkArrow {
    GtkMisc misc;
    gint16 arrow_type;
    gint16 shadow_type;
} GtkArrow;
typedef    void    (*GtkIconViewForeachFunc)    (GtkIconView    *,
GtkTreePath *,
                                             gpointer);
typedef void (*GtkTreeModelFilterModifyFunc) (GtkTreeModel *,
                                                   GtkTreeIter *,
GValue *,
                                                 gint, gpointer);
typedef struct _GtkCellRendererText {
    GtkCellRenderer parent;
    gchar *text;
    PangoFontDescription *font;
    gdouble font_scale;
    PangoColor foreground;
    PangoColor background;
    PangoAttrList *extra_attrs;
    PangoUnderline underline_style;
    gint rise;
    gint fixed_height_rows;
```

```
    guint strikethrough:1;
    guint editable:1;
    guint scale_set:1;
    guint foreground_set:1;
    guint background_set:1;
    guint underline_set:1;
    guint rise_set:1;
    guint strikethrough_set:1;
    guint editable_set:1;
    guint calc_fixed_height:1;
} GtkCellRendererText;
typedef   gboolean(*GtkTreeModelForeachFunc)   (GtkTreeModel   *,
GtkTreePath *,
                                                 GtkTreeIter *,
gpointer);
typedef struct _GtkSettingsValue {
    gchar *origin;
    GValue value;
} GtkSettingsValue;
typedef enum {
    GTK_PATH_WIDGET = 0,
    GTK_PATH_WIDGET_CLASS = 1,
    GTK_PATH_CLASS = 2
} GtkPathType;
typedef struct _GtkAccelMap GtkAccelMap;
typedef struct _GtkBinClass {
    GtkContainerClass parent_class;
} GtkBinClass;
typedef struct _GtkWindowClass {
    GtkBinClass parent_class;
    void (*set_focus) (GtkWindow *, GtkWidget *);
     gboolean(*frame_event) (GtkWindow *, GdkEvent *);
    void (*activate_focus) (GtkWindow *);
    void (*activate_default) (GtkWindow *);
    void (*move_focus) (GtkWindow *, GtkDirectionType);
    void (*keys_changed) (GtkWindow *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkWindowClass;
typedef enum {
    GTK_SCROLL_NONE = 0,
    GTK_SCROLL_JUMP = 1,
    GTK_SCROLL_STEP_BACKWARD = 2,
    GTK_SCROLL_STEP_FORWARD = 3,
    GTK_SCROLL_PAGE_BACKWARD = 4,
    GTK_SCROLL_PAGE_FORWARD = 5,
    GTK_SCROLL_STEP_UP = 6,
    GTK_SCROLL_STEP_DOWN = 7,
    GTK_SCROLL_PAGE_UP = 8,
    GTK_SCROLL_PAGE_DOWN = 9,
    GTK_SCROLL_STEP_LEFT = 10,
    GTK_SCROLL_STEP_RIGHT = 11,
    GTK_SCROLL_PAGE_LEFT = 12,
    GTK_SCROLL_PAGE_RIGHT = 13,
    GTK_SCROLL_START = 14,
    GTK_SCROLL_END = 15
} GtkScrollType;
typedef struct _GtkRangeClass {
    GtkWidgetClass parent_class;
    gchar *slider_detail;
    gchar *stepper_detail;
    void (*value_changed) (GtkRange *);
    void (*adjust_bounds) (GtkRange *, gdouble);
    void (*move_slider) (GtkRange *, GtkScrollType);
```

 © 2008 Linux Foundation

```
    void (*get_range_border) (GtkRange *, GtkBorder *);
           gboolean(*change_value)  (GtkRange  *,  GtkScrollType,
gdouble);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
} GtkRangeClass;
typedef struct _GtkScaleClass {
    GtkRangeClass parent_class;
    gchar *(*format_value) (GtkScale *, gdouble);
    void (*draw_value) (GtkScale *);
    void (*get_layout_offsets) (GtkScale *, gint *, gint *);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkScaleClass;
typedef struct _GtkBoxClass {
    GtkContainerClass parent_class;
} GtkBoxClass;
typedef struct _GtkMiscClass {
    GtkWidgetClass parent_class;
} GtkMiscClass;
typedef struct _GtkHRuler {
    GtkRuler ruler;
} GtkHRuler;
typedef struct _GtkHBoxClass {
    GtkBoxClass parent_class;
} GtkHBoxClass;
typedef struct _GtkPanedClass {
    GtkContainerClass parent_class;
     gboolean(*cycle_child_focus) (GtkPaned *, gboolean);
     gboolean(*toggle_handle_focus) (GtkPaned *);
     gboolean(*move_handle) (GtkPaned *, GtkScrollType);
     gboolean(*cycle_handle_focus) (GtkPaned *, gboolean);
     gboolean(*accept_position) (GtkPaned *);
     gboolean(*cancel_position) (GtkPaned *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkPanedClass;
typedef struct _GtkHPanedClass {
    GtkPanedClass parent_class;
} GtkHPanedClass;
typedef struct _GtkSizeGroupClass {
    GObjectClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkSizeGroupClass;
typedef struct _GtkViewportClass {
    GtkBinClass parent_class;
     void (*set_scroll_adjustments) (GtkViewport *, GtkAdjustment
*,
                                     GtkAdjustment *);
} GtkViewportClass;
typedef enum {
    GTK_MOVEMENT_LOGICAL_POSITIONS = 0,
    GTK_MOVEMENT_VISUAL_POSITIONS = 1,
    GTK_MOVEMENT_WORDS = 2,
    GTK_MOVEMENT_DISPLAY_LINES = 3,
    GTK_MOVEMENT_DISPLAY_LINE_ENDS = 4,
    GTK_MOVEMENT_PARAGRAPHS = 5,
    GTK_MOVEMENT_PARAGRAPH_ENDS = 6,
    GTK_MOVEMENT_PAGES = 7,
```

```
    GTK_MOVEMENT_BUFFER_ENDS = 8,
    GTK_MOVEMENT_HORIZONTAL_PAGES = 9
} GtkMovementStep;
typedef struct _GtkEditableClass {
    GTypeInterface base_iface;
     void (*insert_text) (GtkEditable *, const gchar *, gint, gint
*);
    void (*delete_text) (GtkEditable *, gint, gint);
    void (*changed) (GtkEditable *);
     void (*do_insert_text) (GtkEditable *, const gchar *, gint,
gint *);
    void (*do_delete_text) (GtkEditable *, gint, gint);
    gchar *(*get_chars) (GtkEditable *, gint, gint);
    void (*set_selection_bounds) (GtkEditable *, gint, gint);
      gboolean(*get_selection_bounds) (GtkEditable *, gint *, gint
*);
    void (*set_position) (GtkEditable *, gint);
     gint(*get_position) (GtkEditable *);
} GtkEditableClass;
typedef enum {
    GTK_NOTEBOOK_TAB_FIRST = 0,
    GTK_NOTEBOOK_TAB_LAST = 1
} GtkNotebookTab;
typedef struct _GtkDialogClass {
    GtkWindowClass parent_class;
    void (*response) (GtkDialog *, gint);
    void (*close) (GtkDialog *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkDialogClass;
typedef struct _GtkCellRendererPixbuf {
    GtkCellRenderer parent;
    GdkPixbuf *pixbuf;
    GdkPixbuf *pixbuf_expander_open;
    GdkPixbuf *pixbuf_expander_closed;
} GtkCellRendererPixbuf;
typedef struct _GtkTreeViewColumnClass {
    GtkObjectClass parent_class;
    void (*clicked) (GtkTreeViewColumn *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTreeViewColumnClass;
typedef struct _GtkRulerClass {
    GtkWidgetClass parent_class;
    void (*draw_ticks) (GtkRuler *);
    void (*draw_pos) (GtkRuler *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkRulerClass;
typedef struct _GtkHRulerClass {
    GtkRulerClass parent_class;
} GtkHRulerClass;
typedef struct _GtkAccelMapClass GtkAccelMapClass;
typedef struct _GtkInvisibleClass {
    GtkWidgetClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkInvisibleClass;
```

 © 2008 Linux Foundation

```
typedef struct _GtkVRulerClass {
    GtkRulerClass parent_class;
} GtkVRulerClass;
typedef struct _GtkToolItemClass {
    GtkBinClass parent_class;
     gboolean(*create_menu_proxy) (GtkToolItem *);
    void (*toolbar_reconfigured) (GtkToolItem *);
      gboolean(*set_tooltip) (GtkToolItem *, GtkTooltips *, const
gchar *,
                              const gchar *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkToolItemClass;
typedef struct _GtkWindowGroupClass {
    GObjectClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkWindowGroupClass;
typedef struct _GtkWidgetAuxInfo {
    gint x;
    gint y;
    gint width;
    gint height;
    guint x_set:1;
    guint y_set:1;
} GtkWidgetAuxInfo;
typedef struct _GtkItemClass {
    GtkBinClass parent_class;
    void (*select) (GtkItem *);
    void (*deselect) (GtkItem *);
    void (*toggle) (GtkItem *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkItemClass;
typedef struct _GtkMenuItemClass {
    GtkItemClass parent_class;
    guint hide_on_activate:1;
    void (*activate) (GtkMenuItem *);
    void (*activate_item) (GtkMenuItem *);
    void (*toggle_size_request) (GtkMenuItem *, gint *);
    void (*toggle_size_allocate) (GtkMenuItem *, gint);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkMenuItemClass;
typedef struct _GtkCheckMenuItemClass {
    GtkMenuItemClass parent_class;
    void (*toggled) (GtkCheckMenuItem *);
    void (*draw_indicator) (GtkCheckMenuItem *, GdkRectangle *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkCheckMenuItemClass;
typedef struct _GtkRcProperty {
    GQuark type_name;
    GQuark property_name;
    gchar *origin;
    GValue value;
```

```
} GtkRcProperty;
typedef struct _GtkFontSelectionDialogClass {
    GtkDialogClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkFontSelectionDialogClass;
typedef            struct            _GtkFileChooserDialogPrivate
GtkFileChooserDialogPrivate;
typedef struct _GtkFileChooserDialog {
    GtkDialog parent_instance;
    GtkFileChooserDialogPrivate *priv;
} GtkFileChooserDialog;
typedef struct _GtkActionClass {
    GObjectClass parent_class;
    void (*activate) (GtkAction *);
    GType menu_item_type;
    GType toolbar_item_type;
    GtkWidget *(*create_menu_item) (GtkAction *);
    GtkWidget *(*create_tool_item) (GtkAction *);
    void (*connect_proxy) (GtkAction *, GtkWidget *);
    void (*disconnect_proxy) (GtkAction *, GtkWidget *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkActionClass;
typedef struct _GtkToggleActionClass {
    GtkActionClass parent_class;
    void (*toggled) (GtkToggleAction *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkToggleActionClass;
typedef struct _GtkVBoxClass {
    GtkBoxClass parent_class;
} GtkVBoxClass;
typedef struct _GtkButtonBoxClass {
    GtkBoxClass parent_class;
} GtkButtonBoxClass;
typedef struct _GtkHButtonBoxClass {
    GtkButtonBoxClass parent_class;
} GtkHButtonBoxClass;
typedef struct _GtkThemeEngine GtkThemeEngine;
typedef struct _GtkTreeStoreClass {
    GObjectClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTreeStoreClass;
typedef struct _GtkBoxChild {
    GtkWidget *widget;
    guint16 padding;
    guint expand:1;
    guint fill:1;
    guint pack:1;
    guint is_secondary:1;
} GtkBoxChild;
typedef struct _GtkHButtonBox {
    GtkButtonBox button_box;
} GtkHButtonBox;
typedef struct _GtkAccelGroupClass {
    GObjectClass parent_class;
```

 © 2008 Linux Foundation

```
            void   (*accel_changed)   (GtkAccelGroup   *,   guint,
GdkModifierType,
                            GClosure *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkAccelGroupClass;
typedef struct _GtkSeparator {
    GtkWidget widget;
} GtkSeparator;
typedef struct _GtkButtonClass {
    GtkBinClass parent_class;
    void (*pressed) (GtkButton *);
    void (*released) (GtkButton *);
    void (*clicked) (GtkButton *);
    void (*enter) (GtkButton *);
    void (*leave) (GtkButton *);
    void (*activate) (GtkButton *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkButtonClass;
typedef void (*GtkWindowKeysForeachFunc) (GtkWindow *, guint,
                                                    GdkModifierType,
gboolean,
                                                gpointer);
typedef struct _GtkIconFactoryClass {
    GObjectClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkIconFactoryClass;
typedef struct _GtkTreeSelectionClass {
    GObjectClass parent_class;
    void (*changed) (GtkTreeSelection *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTreeSelectionClass;
typedef enum {
    GTK_MENU_DIR_PARENT = 0,
    GTK_MENU_DIR_CHILD = 1,
    GTK_MENU_DIR_NEXT = 2,
    GTK_MENU_DIR_PREV = 3
} GtkMenuDirectionType;
typedef struct _GtkMenuShellClass {
    GtkContainerClass parent_class;
    guint submenu_placement:1;
    void (*deactivate) (GtkMenuShell *);
    void (*selection_done) (GtkMenuShell *);
    void (*move_current) (GtkMenuShell *, GtkMenuDirectionType);
    void (*activate_current) (GtkMenuShell *, gboolean);
    void (*cancel) (GtkMenuShell *);
    void (*select_item) (GtkMenuShell *, GtkWidget *);
    void (*insert) (GtkMenuShell *, GtkWidget *, gint);
     gint(*get_popup_delay) (GtkMenuShell *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
} GtkMenuShellClass;
typedef struct _GtkTreeDragSourceIface {
    GTypeInterface g_iface;
```

```
       gboolean(*row_draggable) (GtkTreeDragSource *, GtkTreePath
*);
       gboolean(*drag_data_get) (GtkTreeDragSource *, GtkTreePath
*,
                                 GtkSelectionData *);
              gboolean(*drag_data_delete)   (GtkTreeDragSource   *,
GtkTreePath *);
} GtkTreeDragSourceIface;
typedef struct _GtkLabelClass {
    GtkMiscClass parent_class;
       void  (*move_cursor)  (GtkLabel  *,  GtkMovementStep,  gint,
gboolean);
    void (*copy_clipboard) (GtkLabel *);
    void (*populate_popup) (GtkLabel *, GtkMenu *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkLabelClass;
typedef struct _GtkScrollbar {
    GtkRange range;
} GtkScrollbar;
typedef struct _GtkWidgetShapeInfo {
    gint16 offset_x;
    gint16 offset_y;
    GdkBitmap *shape_mask;
} GtkWidgetShapeInfo;
typedef struct _GtkActionGroupClass {
    GObjectClass parent_class;
    GtkAction *(*get_action) (GtkActionGroup *, const gchar *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkActionGroupClass;
typedef struct _GtkSettingsClass {
    GObjectClass parent_class;
} GtkSettingsClass;
typedef struct _GtkIMContextClass {
    GtkObjectClass parent_class;
    void (*preedit_start) (GtkIMContext *);
    void (*preedit_end) (GtkIMContext *);
    void (*preedit_changed) (GtkIMContext *);
    void (*commit) (GtkIMContext *, const gchar *);
     gboolean(*retrieve_surrounding) (GtkIMContext *);
     gboolean(*delete_surrounding) (GtkIMContext *, gint, gint);
    void (*set_client_window) (GtkIMContext *, GdkWindow *);
    void (*get_preedit_string) (GtkIMContext *, gchar * *,
                                PangoAttrList * *, gint *);
     gboolean(*filter_keypress) (GtkIMContext *, GdkEventKey *);
    void (*focus_in) (GtkIMContext *);
    void (*focus_out) (GtkIMContext *);
    void (*reset) (GtkIMContext *);
    void (*set_cursor_location) (GtkIMContext *, GdkRectangle *);
    void (*set_use_preedit) (GtkIMContext *, gboolean);
     void (*set_surrounding) (GtkIMContext *, const gchar *, gint,
gint);
      gboolean(*get_surrounding) (GtkIMContext *, gchar * *, gint
*);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
    void (*_gtk_reserved5) (void);
    void (*_gtk_reserved6) (void);
} GtkIMContextClass;
```

 © 2008 Linux Foundation

```
typedef struct _GtkCellRendererClass {
    GtkObjectClass parent_class;
          void  (*get_size)  (GtkCellRenderer  *,  GtkWidget  *,
GdkRectangle *,
                       gint *, gint *, gint *, gint *);
     void (*render) (GtkCellRenderer *, GdkDrawable *, GtkWidget
*,
                      GdkRectangle *, GdkRectangle *, GdkRectangle
*,
                     GtkCellRendererState);
           gboolean(*activate)  (GtkCellRenderer  *,  GdkEvent  *,
GtkWidget *,
                                    const gchar *, GdkRectangle *,
GdkRectangle *,
                            GtkCellRendererState);
         GtkCellEditable  *(*start_editing)  (GtkCellRenderer  *,
GdkEvent *,
                                           GtkWidget *, const gchar
*,
                                                    GdkRectangle *,
GdkRectangle *,
                                         GtkCellRendererState);
    void (*editing_canceled) (GtkCellRenderer *);
     void (*editing_started) (GtkCellRenderer *, GtkCellEditable
*,
                              const gchar *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
} GtkCellRendererClass;
typedef struct _GtkToolButtonClass {
    GtkToolItemClass parent_class;
    GType button_type;
    void (*clicked) (GtkToolButton *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkToolButtonClass;
typedef struct _GtkMenuToolButtonClass {
    GtkToolButtonClass parent_class;
    void (*show_menu) (GtkMenuToolButton *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkMenuToolButtonClass;
typedef struct _GtkVSeparator {
    GtkSeparator separator;
} GtkVSeparator;
typedef struct _GtkDrawingAreaClass {
    GtkWidgetClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkDrawingAreaClass;
typedef struct _GtkTargetPair {
    GdkAtom target;
    guint flags;
    guint info;
} GtkTargetPair;
typedef struct _GtkCellViewClass {
    GtkWidgetClass parent_class;
} GtkCellViewClass;
typedef struct _GtkCellLayoutIface {
    GTypeInterface g_iface;
```

```
       void (*pack_start) (GtkCellLayout *, GtkCellRenderer *,
gboolean);
        void (*pack_end) (GtkCellLayout *, GtkCellRenderer *,
gboolean);
    void (*clear) (GtkCellLayout *);
    void (*add_attribute) (GtkCellLayout *, GtkCellRenderer *,
                           const gchar *, gint);
     void (*set_cell_data_func) (GtkCellLayout *, GtkCellRenderer
*,
                                 GtkCellLayoutDataFunc, gpointer,
                                 GDestroyNotify);
      void (*clear_attributes) (GtkCellLayout *, GtkCellRenderer
*);
    void (*reorder) (GtkCellLayout *, GtkCellRenderer *, gint);
} GtkCellLayoutIface;
typedef struct _GtkAlignmentPrivate GtkAlignmentPrivate;
typedef struct _GtkFixedClass {
    GtkContainerClass parent_class;
} GtkFixedClass;
typedef struct _GtkHScaleClass {
    GtkScaleClass parent_class;
} GtkHScaleClass;
typedef struct _GtkScrollbarClass {
    GtkRangeClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkScrollbarClass;
typedef struct _GtkAccelLabelClass {
    GtkLabelClass parent_class;
    gchar *signal_quote1;
    gchar *signal_quote2;
    gchar *mod_name_shift;
    gchar *mod_name_control;
    gchar *mod_name_alt;
    gchar *mod_separator;
    gchar *accel_seperator;
    guint latin1_to_char:1;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkAccelLabelClass;
typedef void (*GtkModuleDisplayInitFunc) (GdkDisplay *);
typedef struct _GtkTextBufferClass {
    GObjectClass parent_class;
     void (*insert_text) (GtkTextBuffer *, GtkTextIter *, const
gchar *,
                          gint);
       void (*insert_pixbuf) (GtkTextBuffer *, GtkTextIter *,
GdkPixbuf *);
    void (*insert_child_anchor) (GtkTextBuffer *, GtkTextIter *,
                                 GtkTextChildAnchor *);
       void (*delete_range) (GtkTextBuffer *, GtkTextIter *,
GtkTextIter *);
    void (*changed) (GtkTextBuffer *);
    void (*modified_changed) (GtkTextBuffer *);
      void (*mark_set) (GtkTextBuffer *, const GtkTextIter *,
GtkTextMark *);
    void (*mark_deleted) (GtkTextBuffer *, GtkTextMark *);
      void (*apply_tag) (GtkTextBuffer *, GtkTextTag *, const
GtkTextIter *,
                         const GtkTextIter *);
      void (*remove_tag) (GtkTextBuffer *, GtkTextTag *, const
GtkTextIter *,
```

 © 2008 Linux Foundation

```
                        const GtkTextIter *);
    void (*begin_user_action) (GtkTextBuffer *);
    void (*end_user_action) (GtkTextBuffer *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
    void (*_gtk_reserved5) (void);
    void (*_gtk_reserved6) (void);
} GtkTextBufferClass;
typedef struct _GtkVRuler {
    GtkRuler ruler;
} GtkVRuler;
typedef struct _GtkSocketClass {
    GtkContainerClass parent_class;
    void (*plug_added) (GtkSocket *);
     gboolean(*plug_removed) (GtkSocket *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkSocketClass;
typedef struct _GtkIconThemeClass {
    GObjectClass parent_class;
    void (*changed) (GtkIconTheme *);
} GtkIconThemeClass;
typedef struct _GtkVPaned {
    GtkPaned paned;
} GtkVPaned;
typedef struct _GtkTableChild {
    GtkWidget *widget;
    guint16 left_attach;
    guint16 right_attach;
    guint16 top_attach;
    guint16 bottom_attach;
    guint16 xpadding;
    guint16 ypadding;
    guint xexpand:1;
    guint yexpand:1;
    guint xshrink:1;
    guint yshrink:1;
    guint xfill:1;
    guint yfill:1;
} GtkTableChild;
typedef struct _GtkArrowClass {
    GtkMiscClass parent_class;
} GtkArrowClass;
typedef struct _GtkHScrollbar {
    GtkScrollbar scrollbar;
} GtkHScrollbar;
typedef            struct            _GtkFileChooserWidgetPrivate
GtkFileChooserWidgetPrivate;
typedef struct _GtkFileChooserWidget {
    GtkVBox parent_instance;
    GtkFileChooserWidgetPrivate *priv;
} GtkFileChooserWidget;
typedef struct _GtkPlugClass {
    GtkWindowClass parent_class;
    void (*embedded) (GtkPlug *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkPlugClass;
typedef struct _GtkCellRendererPixbufClass {
    GtkCellRendererClass parent_class;
```

```
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkCellRendererPixbufClass;
typedef struct _GtkVButtonBoxClass {
    GtkButtonBoxClass parent_class;
} GtkVButtonBoxClass;
typedef struct _GtkTextChildAnchorClass {
    GObjectClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTextChildAnchorClass;
typedef struct _GtkCellRendererCombo {
    GtkCellRendererText parent;
    GtkTreeModel *model;
    gint text_column;
    gboolean has_entry;
    guint focus_out_id;
} GtkCellRendererCombo;
typedef struct _GtkTreeModelIface {
    GTypeInterface g_iface;
         void  (*row_changed)  (GtkTreeModel  *,  GtkTreePath  *,
GtkTreeIter *);
        void  (*row_inserted)  (GtkTreeModel  *,  GtkTreePath  *,
GtkTreeIter *);
    void (*row_has_child_toggled) (GtkTreeModel *, GtkTreePath *,
                                   GtkTreeIter *);
    void (*row_deleted) (GtkTreeModel *, GtkTreePath *);
       void  (*rows_reordered)  (GtkTreeModel  *,  GtkTreePath  *,
GtkTreeIter *,
                              gint *);
     GtkTreeModelFlags(*get_flags) (GtkTreeModel *);
     gint(*get_n_columns) (GtkTreeModel *);
     GType(*get_column_type) (GtkTreeModel *, gint);
          gboolean(*get_iter)  (GtkTreeModel  *,  GtkTreeIter  *,
GtkTreePath *);
    GtkTreePath *(*get_path) (GtkTreeModel *, GtkTreeIter *);
      void  (*get_value)  (GtkTreeModel  *,  GtkTreeIter  *,  gint,
GValue *);
     gboolean(*iter_next) (GtkTreeModel *, GtkTreeIter *);
     gboolean(*iter_children) (GtkTreeModel *, GtkTreeIter *,
                               GtkTreeIter *);
     gboolean(*iter_has_child) (GtkTreeModel *, GtkTreeIter *);
     gint(*iter_n_children) (GtkTreeModel *, GtkTreeIter *);
     gboolean(*iter_nth_child) (GtkTreeModel *, GtkTreeIter *,
                                GtkTreeIter *, gint);
         gboolean(*iter_parent)  (GtkTreeModel  *,  GtkTreeIter  *,
GtkTreeIter *);
    void (*ref_node) (GtkTreeModel *, GtkTreeIter *);
    void (*unref_node) (GtkTreeModel *, GtkTreeIter *);
} GtkTreeModelIface;
typedef struct _GtkAccessibleClass {
    AtkObjectClass parent_class;
    void (*connect_widget_destroyed) (GtkAccessible *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkAccessibleClass;
typedef struct _GtkCellRendererTextClass {
    GtkCellRendererClass parent_class;
     void (*edited) (GtkCellRendererText *, const gchar *, const
gchar *);
```

 © 2008 Linux Foundation

```
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkCellRendererTextClass;
typedef struct _GtkVScaleClass {
    GtkScaleClass parent_class;
} GtkVScaleClass;
typedef struct _GtkCurveClass {
    GtkDrawingAreaClass parent_class;
    void (*curve_type_changed) (GtkCurve *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkCurveClass;
typedef struct _GtkSeparatorToolItemClass {
    GtkToolItemClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkSeparatorToolItemClass;
typedef struct _GtkStyleClass {
    GObjectClass parent_class;
    void (*realize) (GtkStyle *);
    void (*unrealize) (GtkStyle *);
    void (*copy) (GtkStyle *, GtkStyle *);
    GtkStyle *(*clone) (GtkStyle *);
    void (*init_from_rc) (GtkStyle *, GtkRcStyle *);
          void  (*set_background)  (GtkStyle  *,  GdkWindow  *,
GtkStateType);
    GdkPixbuf *(*render_icon) (GtkStyle *, const GtkIconSource *,
                                    GtkTextDirection, GtkStateType,
GtkIconSize,
                               GtkWidget *, const gchar *);
    void (*draw_hline) (GtkStyle *, GdkWindow *, GtkStateType,
                          GdkRectangle *, GtkWidget *, const gchar
*, gint,
                        gint, gint);
    void (*draw_vline) (GtkStyle *, GdkWindow *, GtkStateType,
                          GdkRectangle *, GtkWidget *, const gchar
*, gint,
                        gint, gint);
    void (*draw_shadow) (GtkStyle *, GdkWindow *, GtkStateType,
                           GtkShadowType, GdkRectangle *, GtkWidget
*,
                         const gchar *, gint, gint, gint, gint);
    void (*draw_polygon) (GtkStyle *, GdkWindow *, GtkStateType,
                                    GtkShadowType,  GdkRectangle  *,
GtkWidget *,
                                 const gchar *, GdkPoint *, gint,
gboolean);
    void (*draw_arrow) (GtkStyle *, GdkWindow *, GtkStateType,
                          GtkShadowType, GdkRectangle *, GtkWidget
*,
                            const gchar *, GtkArrowType, gboolean,
gint, gint,
                        gint, gint);
    void (*draw_diamond) (GtkStyle *, GdkWindow *, GtkStateType,
                                    GtkShadowType,  GdkRectangle  *,
GtkWidget *,
                           const gchar *, gint, gint, gint, gint);
    void (*draw_string) (GtkStyle *, GdkWindow *, GtkStateType,
                          GdkRectangle *, GtkWidget *, const gchar
*, gint,
```

```
                            gint, const gchar *);
      void (*draw_box) (GtkStyle *, GdkWindow *, GtkStateType,
GtkShadowType,
                        GdkRectangle *, GtkWidget *, const gchar *,
gint,
                        gint, gint, gint);
    void (*draw_flat_box) (GtkStyle *, GdkWindow *, GtkStateType,
                                    GtkShadowType, GdkRectangle *,
GtkWidget *,
                                  const gchar *, gint, gint, gint,
gint);
    void (*draw_check) (GtkStyle *, GdkWindow *, GtkStateType,
                            GtkShadowType, GdkRectangle *, GtkWidget
*,
                           const gchar *, gint, gint, gint, gint);
    void (*draw_option) (GtkStyle *, GdkWindow *, GtkStateType,
                            GtkShadowType, GdkRectangle *, GtkWidget
*,
                            const gchar *, gint, gint, gint, gint);
      void (*draw_tab) (GtkStyle *, GdkWindow *, GtkStateType,
GtkShadowType,
                        GdkRectangle *, GtkWidget *, const gchar *,
gint,
                        gint, gint, gint);
          void (*draw_shadow_gap) (GtkStyle *, GdkWindow *,
GtkStateType,
                                    GtkShadowType, GdkRectangle *,
GtkWidget *,
                                  const gchar *, gint, gint, gint,
gint,
                                GtkPositionType, gint, gint);
    void (*draw_box_gap) (GtkStyle *, GdkWindow *, GtkStateType,
                                    GtkShadowType, GdkRectangle *,
GtkWidget *,
                            const gchar *, gint, gint, gint, gint,
                            GtkPositionType, gint, gint);
          void (*draw_extension) (GtkStyle *, GdkWindow *,
GtkStateType,
                                    GtkShadowType, GdkRectangle *,
GtkWidget *,
                                  const gchar *, gint, gint, gint,
gint,
                                GtkPositionType);
    void (*draw_focus) (GtkStyle *, GdkWindow *, GtkStateType,
                            GdkRectangle *, GtkWidget *, const gchar
*, gint,
                           gint, gint, gint);
    void (*draw_slider) (GtkStyle *, GdkWindow *, GtkStateType,
                            GtkShadowType, GdkRectangle *, GtkWidget
*,
                            const gchar *, gint, gint, gint, gint,
                            GtkOrientation);
    void (*draw_handle) (GtkStyle *, GdkWindow *, GtkStateType,
                            GtkShadowType, GdkRectangle *, GtkWidget
*,
                            const gchar *, gint, gint, gint, gint,
                            GtkOrientation);
    void (*draw_expander) (GtkStyle *, GdkWindow *, GtkStateType,
                                 GdkRectangle *, GtkWidget *, const
gchar *,
                              gint, gint, GtkExpanderStyle);
     void (*draw_layout) (GtkStyle *, GdkWindow *, GtkStateType,
gboolean,
                            GdkRectangle *, GtkWidget *, const gchar
*, gint,
                           gint, PangoLayout *);
```

 © 2008 Linux Foundation

```
        void (*draw_resize_grip) (GtkStyle *, GdkWindow *,
GtkStateType,
                                  GdkRectangle *, GtkWidget *, const
gchar *,
                                    GdkWindowEdge, gint, gint, gint,
gint);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
    void (*_gtk_reserved5) (void);
    void (*_gtk_reserved6) (void);
    void (*_gtk_reserved7) (void);
    void (*_gtk_reserved8) (void);
    void (*_gtk_reserved9) (void);
    void (*_gtk_reserved10) (void);
    void (*_gtk_reserved11) (void);
    void (*_gtk_reserved12) (void);
} GtkStyleClass;
typedef struct _GtkSeparatorMenuItemClass {
    GtkMenuItemClass parent_class;
} GtkSeparatorMenuItemClass;
typedef struct _GtkIMMulticontextClass {
    GtkIMContextClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkIMMulticontextClass;
typedef struct _GtkToggleToolButtonClass {
    GtkToolButtonClass parent_class;
    void (*toggled) (GtkToggleToolButton *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkToggleToolButtonClass;
typedef struct _GtkRadioToolButtonClass {
    GtkToggleToolButtonClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkRadioToolButtonClass;
typedef struct _GtkCellRendererProgressClass {
    GtkCellRendererClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkCellRendererProgressClass;
typedef struct _GtkVScrollbar {
    GtkScrollbar scrollbar;
} GtkVScrollbar;
typedef struct _GtkVPanedClass {
    GtkPanedClass parent_class;
} GtkVPanedClass;
typedef enum {
    GTK_SCROLL_STEPS = 0,
    GTK_SCROLL_PAGES = 1,
    GTK_SCROLL_ENDS = 2,
    GTK_SCROLL_HORIZONTAL_STEPS = 3,
    GTK_SCROLL_HORIZONTAL_PAGES = 4,
    GTK_SCROLL_HORIZONTAL_ENDS = 5
} GtkScrollStep;
typedef struct _GtkToggleButtonClass {
```

```
    GtkButtonClass parent_class;
    void (*toggled) (GtkToggleButton *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkToggleButtonClass;
typedef struct _GtkCellRendererToggleClass {
    GtkCellRendererClass parent_class;
    void (*toggled) (GtkCellRendererToggle *, const gchar *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkCellRendererToggleClass;
typedef struct _GtkVButtonBox {
    GtkButtonBox button_box;
} GtkVButtonBox;
typedef struct _GtkTreeDragDestIface {
    GTypeInterface g_iface;
              gboolean(*drag_data_received)   (GtkTreeDragDest   *,
GtkTreePath *,
                                      GtkSelectionData *);
      gboolean(*row_drop_possible) (GtkTreeDragDest *, GtkTreePath
*,
                                      GtkSelectionData *);
} GtkTreeDragDestIface;
typedef struct _GtkColorSelectionClass {
    GtkVBoxClass parent_class;
    void (*color_changed) (GtkColorSelection *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkColorSelectionClass;
typedef struct _GtkCellRendererProgressPrivate
    GtkCellRendererProgressPrivate;
typedef struct _GtkCellRendererProgress {
    GtkCellRenderer parent_instance;
    GtkCellRendererProgressPrivate *priv;
} GtkCellRendererProgress;
typedef struct _GtkImageClass {
    GtkMiscClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkImageClass;
typedef struct _GtkMessageDialogClass {
    GtkDialogClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkMessageDialogClass;
typedef enum {
    GTK_DELETE_CHARS = 0,
    GTK_DELETE_WORD_ENDS = 1,
    GTK_DELETE_WORDS = 2,
    GTK_DELETE_DISPLAY_LINES = 3,
    GTK_DELETE_DISPLAY_LINE_ENDS = 4,
    GTK_DELETE_PARAGRAPH_ENDS = 5,
    GTK_DELETE_PARAGRAPHS = 6,
    GTK_DELETE_WHITESPACE = 7
} GtkDeleteType;
typedef struct _GtkTreeSortableIface {
```

 © 2008 Linux Foundation

```
    GTypeInterface g_iface;
    void (*sort_column_changed) (GtkTreeSortable *);
     gboolean(*get_sort_column_id) (GtkTreeSortable *, gint *,
                                    GtkSortType *);
         void  (*set_sort_column_id)  (GtkTreeSortable  *,  gint,
GtkSortType);
           void   (*set_sort_func)   (GtkTreeSortable   *,   gint,
GtkTreeIterCompareFunc,
                           gpointer, GtkDestroyNotify);
    void (*set_default_sort_func) (GtkTreeSortable *,
                                          GtkTreeIterCompareFunc,
gpointer,
                                   GtkDestroyNotify);
     gboolean(*has_default_sort_func) (GtkTreeSortable *);
} GtkTreeSortableIface;
typedef struct _GtkCalendarClass {
    GtkWidgetClass parent_class;
    void (*month_changed) (GtkCalendar *);
    void (*day_selected) (GtkCalendar *);
    void (*day_selected_double_click) (GtkCalendar *);
    void (*prev_month) (GtkCalendar *);
    void (*next_month) (GtkCalendar *);
    void (*prev_year) (GtkCalendar *);
    void (*next_year) (GtkCalendar *);
} GtkCalendarClass;
typedef struct _GtkEntryClass {
    GtkWidgetClass parent_class;
    void (*populate_popup) (GtkEntry *, GtkMenu *);
    void (*activate) (GtkEntry *);
       void  (*move_cursor)  (GtkEntry  *,  GtkMovementStep,  gint,
gboolean);
    void (*insert_at_cursor) (GtkEntry *, const gchar *);
    void (*delete_from_cursor) (GtkEntry *, GtkDeleteType, gint);
    void (*backspace) (GtkEntry *);
    void (*cut_clipboard) (GtkEntry *);
    void (*copy_clipboard) (GtkEntry *);
    void (*paste_clipboard) (GtkEntry *);
    void (*toggle_overwrite) (GtkEntry *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
} GtkEntryClass;
typedef struct _GtkSpinButtonClass {
    GtkEntryClass parent_class;
     gint(*input) (GtkSpinButton *, gdouble *);
     gint(*output) (GtkSpinButton *);
    void (*value_changed) (GtkSpinButton *);
    void (*change_value) (GtkSpinButton *, GtkScrollType);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkSpinButtonClass;
typedef struct _GtkInputDialog {
    GtkDialog dialog;
    GtkWidget *axis_list;
    GtkWidget *axis_listbox;
    GtkWidget *mode_optionmenu;
    GtkWidget *close_button;
    GtkWidget *save_button;
    GtkWidget *axis_items[7];
    GdkDevice *current_device;
    GtkWidget *keys_list;
    GtkWidget *keys_listbox;
} GtkInputDialog;
typedef struct _GtkInputDialogClass {
```

```
    GtkDialogClass parent_class;
    void (*enable_device) (GtkInputDialog *, GdkDevice *);
    void (*disable_device) (GtkInputDialog *, GdkDevice *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkInputDialogClass;
typedef struct _GtkEntryCompletionClass {
    GObjectClass parent_class;
              gboolean(*match_selected)   (GtkEntryCompletion   *,
GtkTreeModel *,
                                  GtkTreeIter *);
    void (*action_activated) (GtkEntryCompletion *, gint);
      gboolean(*insert_prefix) (GtkEntryCompletion *, const gchar
*);
    void (*_gtk_reserved0) (void);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
} GtkEntryCompletionClass;
typedef struct _GtkAlignmentClass {
    GtkBinClass parent_class;
} GtkAlignmentClass;
typedef struct _GtkTreeModelFilterClass {
    GObjectClass parent_class;
    void (*_gtk_reserved0) (void);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
} GtkTreeModelFilterClass;
typedef struct _GtkRcStyleClass {
    GObjectClass parent_class;
    GtkRcStyle *(*create_rc_style) (GtkRcStyle *);
     guint(*parse) (GtkRcStyle *, GtkSettings *, GScanner *);
    void (*merge) (GtkRcStyle *, GtkRcStyle *);
    GtkStyle *(*create_style) (GtkRcStyle *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkRcStyleClass;
typedef struct _GtkUIManagerClass {
    GObjectClass parent_class;
    void (*add_widget) (GtkUIManager *, GtkWidget *);
    void (*actions_changed) (GtkUIManager *);
    void (*connect_proxy) (GtkUIManager *, GtkAction *, GtkWidget
*);
       void  (*disconnect_proxy)  (GtkUIManager  *,  GtkAction  *,
GtkWidget *);
    void (*pre_activate) (GtkUIManager *, GtkAction *);
    void (*post_activate) (GtkUIManager *, GtkAction *);
    GtkWidget *(*get_widget) (GtkUIManager *, const gchar *);
    GtkAction *(*get_action) (GtkUIManager *, const gchar *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
} GtkUIManagerClass;
typedef struct _GtkSeparatorClass {
    GtkWidgetClass parent_class;
} GtkSeparatorClass;
typedef struct _GtkVSeparatorClass {
    GtkSeparatorClass parent_class;
} GtkVSeparatorClass;
typedef struct _GtkCheckButtonClass {
    GtkToggleButtonClass parent_class;
    void (*draw_indicator) (GtkCheckButton *, GdkRectangle *);
    void (*_gtk_reserved1) (void);
```

 © 2008 Linux Foundation

```
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkCheckButtonClass;
typedef enum {
    GTK_VISIBILITY_NONE = 0,
    GTK_VISIBILITY_PARTIAL = 1,
    GTK_VISIBILITY_FULL = 2
} GtkVisibility;
typedef struct _GtkRadioMenuItemClass {
    GtkCheckMenuItemClass parent_class;
    void (*group_changed) (GtkRadioMenuItem *);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkRadioMenuItemClass;
typedef struct _GtkTextViewClass {
    GtkContainerClass parent_class;
     void (*set_scroll_adjustments) (GtkTextView *, GtkAdjustment
*,
                                     GtkAdjustment *);
    void (*populate_popup) (GtkTextView *, GtkMenu *);
      void (*move_cursor) (GtkTextView *, GtkMovementStep, gint,
gboolean);
    void (*page_horizontally) (GtkTextView *, gint, gboolean);
    void (*set_anchor) (GtkTextView *);
    void (*insert_at_cursor) (GtkTextView *, const gchar *);
      void (*delete_from_cursor) (GtkTextView *, GtkDeleteType,
gint);
    void (*backspace) (GtkTextView *);
    void (*cut_clipboard) (GtkTextView *);
    void (*copy_clipboard) (GtkTextView *);
    void (*paste_clipboard) (GtkTextView *);
    void (*toggle_overwrite) (GtkTextView *);
    void (*move_focus) (GtkTextView *, GtkDirectionType);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
    void (*_gtk_reserved5) (void);
    void (*_gtk_reserved6) (void);
    void (*_gtk_reserved7) (void);
} GtkTextViewClass;
typedef    void    (*GtkColorSelectionChangePaletteFunc)    (const
GdkColor *,
                                                            gint);
typedef struct _GtkTreeModelSortClass {
    GObjectClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTreeModelSortClass;
typedef struct _GtkCellEditableIface {
    GTypeInterface g_iface;
    void (*editing_done) (GtkCellEditable *);
    void (*remove_widget) (GtkCellEditable *);
    void (*start_editing) (GtkCellEditable *, GdkEvent *);
} GtkCellEditableIface;
typedef struct _GtkToolbarClass {
    GtkContainerClass parent_class;
    void (*orientation_changed) (GtkToolbar *, GtkOrientation);
    void (*style_changed) (GtkToolbar *, GtkToolbarStyle);
        gboolean(*popup_context_menu) (GtkToolbar *, gint, gint,
gint);
    void (*_gtk_reserved1) (void);
```

```
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
} GtkToolbarClass;
typedef struct _GtkHandleBoxClass {
    GtkBinClass parent_class;
    void (*child_attached) (GtkHandleBox *, GtkWidget *);
    void (*child_detached) (GtkHandleBox *, GtkWidget *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkHandleBoxClass;
typedef struct _GtkHSeparator {
    GtkSeparator separator;
} GtkHSeparator;
typedef struct _GtkTextTagTableClass {
    GObjectClass parent_class;
        void  (*tag_changed)  (GtkTextTagTable  *,  GtkTextTag  *,
gboolean);
    void (*tag_added) (GtkTextTagTable *, GtkTextTag *);
    void (*tag_removed) (GtkTextTagTable *, GtkTextTag *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTextTagTableClass;
typedef struct _GtkComboBoxClass {
    GtkBinClass parent_class;
    void (*changed) (GtkComboBox *);
    gchar *(*get_active_text) (GtkComboBox *);
    void (*_gtk_reserved0) (void);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
} GtkComboBoxClass;
typedef struct _GtkComboBoxEntryClass {
    GtkComboBoxClass parent_class;
    void (*_gtk_reserved0) (void);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
} GtkComboBoxEntryClass;
typedef struct _GtkFontSelectionClass {
    GtkVBoxClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkFontSelectionClass;
typedef struct _GtkFrameClass {
    GtkBinClass parent_class;
     void (*compute_child_allocation) (GtkFrame *, GtkAllocation
*);
} GtkFrameClass;
typedef struct _GtkHScrollbarClass {
    GtkScrollbarClass parent_class;
} GtkHScrollbarClass;
typedef struct _GtkFileSelectionClass {
    GtkDialogClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkFileSelectionClass;
typedef struct _GtkScrolledWindowClass {
    GtkBinClass parent_class;
    gint scrollbar_spacing;
```

 © 2008 Linux Foundation

```
      void (*scroll_child) (GtkScrolledWindow *, GtkScrollType,
gboolean);
              void   (*move_focus_out)   (GtkScrolledWindow   *,
GtkDirectionType);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkScrolledWindowClass;
typedef struct _GtkTextMarkClass {
    GObjectClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTextMarkClass;
typedef struct _GtkToolbarPrivate GtkToolbarPrivate;
typedef struct _GtkVScale {
    GtkScale scale;
} GtkVScale;
typedef struct _GtkFixedChild {
    GtkWidget *widget;
    gint x;
    gint y;
} GtkFixedChild;
typedef struct _GtkLayoutClass {
    GtkContainerClass parent_class;
    void (*set_scroll_adjustments) (GtkLayout *, GtkAdjustment *,
                                    GtkAdjustment *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkLayoutClass;
typedef struct _GtkEventBoxClass {
    GtkBinClass parent_class;
} GtkEventBoxClass;
typedef struct _GtkIMContextSimpleClass {
    GtkIMContextClass parent_class;
} GtkIMContextSimpleClass;
typedef struct _GtkExpanderClass {
    GtkBinClass parent_class;
    void (*activate) (GtkExpander *);
} GtkExpanderClass;
typedef struct _GtkProgressClass {
    GtkWidgetClass parent_class;
    void (*paint) (GtkProgress *);
    void (*update) (GtkProgress *);
    void (*act_mode_enter) (GtkProgress *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkProgressClass;
typedef void (*GtkModuleInitFunc) (gint *, gchar * **);
typedef struct _GtkFileChooserDialogClass {
    GtkDialogClass parent_class;
} GtkFileChooserDialogClass;
typedef struct _GtkVScrollbarClass {
    GtkScrollbarClass parent_class;
} GtkVScrollbarClass;
typedef struct _GtkTableClass {
    GtkContainerClass parent_class;
} GtkTableClass;
typedef struct _GtkFontButtonClass {
    GtkButtonClass parent_class;
```

```
    void (*font_set) (GtkFontButton *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkFontButtonClass;
typedef struct _GtkHSeparatorClass {
    GtkSeparatorClass parent_class;
} GtkHSeparatorClass;
typedef struct _GtkColorSelectionDialogClass {
    GtkDialogClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkColorSelectionDialogClass;
typedef struct _GtkColorButtonClass {
    GtkButtonClass parent_class;
    void (*color_set) (GtkColorButton *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkColorButtonClass;
typedef struct _GtkMenuBar {
    GtkMenuShell menu_shell;
} GtkMenuBar;
typedef struct _GtkMenuBarClass {
    GtkMenuShellClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkMenuBarClass;
typedef struct _GtkColorSelectionDialog {
    GtkDialog parent_instance;
    GtkWidget *colorsel;
    GtkWidget *ok_button;
    GtkWidget *cancel_button;
    GtkWidget *help_button;
} GtkColorSelectionDialog;
typedef struct _GtkStatusbarClass {
    GtkHBoxClass parent_class;
    gpointer reserved;
    void (*text_pushed) (GtkStatusbar *, guint, const gchar *);
    void (*text_popped) (GtkStatusbar *, guint, const gchar *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkStatusbarClass;
typedef struct _GtkSeparatorMenuItem {
    GtkMenuItem menu_item;
} GtkSeparatorMenuItem;
typedef struct _GtkAboutDialogClass {
    GtkDialogClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkAboutDialogClass;
typedef struct _GtkListStoreClass {
    GObjectClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
```

 © 2008 Linux Foundation

```
    void (*_gtk_reserved4) (void);
} GtkListStoreClass;
typedef struct _GtkFileChooserButtonClass {
    GtkHBoxClass parent_class;
    void *__gtk_reserved1;
    void *__gtk_reserved2;
    void *__gtk_reserved3;
    void *__gtk_reserved4;
    void *__gtk_reserved5;
    void *__gtk_reserved6;
    void *__gtk_reserved7;
    void *__gtk_reserved8;
} GtkFileChooserButtonClass;
typedef enum {
    GTK_TOOLBAR_SPACE_EMPTY = 0,
    GTK_TOOLBAR_SPACE_LINE = 1
} GtkToolbarSpaceStyle;
typedef struct _GtkMenuClass {
    GtkMenuShellClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkMenuClass;
typedef struct _GtkHScale {
    GtkScale scale;
} GtkHScale;
typedef struct _GtkGammaCurveClass {
    GtkVBoxClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkGammaCurveClass;
typedef struct _GtkCellRendererComboClass {
    GtkCellRendererTextClass parent;
} GtkCellRendererComboClass;
typedef struct _GtkTearoffMenuItem {
    GtkMenuItem menu_item;
    guint torn_off:1;
} GtkTearoffMenuItem;
typedef struct _GtkNotebookClass {
    GtkContainerClass parent_class;
       void  (*switch_page)  (GtkNotebook  *,  GtkNotebookPage  *,
guint);
     gboolean(*select_page) (GtkNotebook *, gboolean);
     gboolean(*focus_tab) (GtkNotebook *, GtkNotebookTab);
    void (*change_current_page) (GtkNotebook *, gint);
    void (*move_focus_out) (GtkNotebook *, GtkDirectionType);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkNotebookClass;
typedef struct _GtkImageMenuItemClass {
    GtkMenuItemClass parent_class;
} GtkImageMenuItemClass;
typedef struct _GtkTooltipsClass {
    GtkObjectClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTooltipsClass;
typedef struct _GtkTreeViewClass {
    GtkContainerClass parent_class;
```

```
     void (*set_scroll_adjustments) (GtkTreeView *, GtkAdjustment
*,
                                     GtkAdjustment *);
    void (*row_activated) (GtkTreeView *, GtkTreePath *,
                           GtkTreeViewColumn *);
     gboolean(*test_expand_row) (GtkTreeView *, GtkTreeIter *,
                                 GtkTreePath *);
     gboolean(*test_collapse_row) (GtkTreeView *, GtkTreeIter *,
                                   GtkTreePath *);
         void  (*row_expanded)  (GtkTreeView  *,  GtkTreeIter  *,
GtkTreePath *);
        void  (*row_collapsed)  (GtkTreeView  *,  GtkTreeIter  *,
GtkTreePath *);
    void (*columns_changed) (GtkTreeView *);
    void (*cursor_changed) (GtkTreeView *);
         gboolean(*move_cursor)  (GtkTreeView  *,  GtkMovementStep,
gint);
     gboolean(*select_all) (GtkTreeView *);
     gboolean(*unselect_all) (GtkTreeView *);
     gboolean(*select_cursor_row) (GtkTreeView *, gboolean);
     gboolean(*toggle_cursor_row) (GtkTreeView *);
          gboolean(*expand_collapse_cursor_row)  (GtkTreeView  *,
gboolean,
                                                  gboolean, gboolean);
     gboolean(*select_cursor_parent) (GtkTreeView *);
     gboolean(*start_interactive_search) (GtkTreeView *);
    void (*_gtk_reserved0) (void);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTreeViewClass;
typedef struct _GtkFileChooserWidgetClass {
    GtkVBoxClass parent_class;
} GtkFileChooserWidgetClass;
typedef struct _GtkTearoffMenuItemClass {
    GtkMenuItemClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTearoffMenuItemClass;
typedef struct _GtkRadioButtonClass {
    GtkCheckButtonClass parent_class;
    void (*group_changed) (GtkRadioButton *);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkRadioButtonClass;
typedef struct _GtkAdjustmentClass {
    GtkObjectClass parent_class;
    void (*changed) (GtkAdjustment *);
    void (*value_changed) (GtkAdjustment *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkAdjustmentClass;
typedef struct _GtkHPaned {
    GtkPaned paned;
} GtkHPaned;
typedef struct _GtkRadioActionClass {
    GtkToggleActionClass parent_class;
    void (*changed) (GtkRadioAction *, GtkRadioAction *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
```

 © 2008 Linux Foundation

```
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkRadioActionClass;
typedef struct _GtkTextTagClass {
    GObjectClass parent_class;
     gboolean(*event) (GtkTextTag *, GObject *, GdkEvent *,
                       const GtkTextIter *);
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkTextTagClass;
typedef struct _GtkIconViewClass {
    GtkContainerClass parent_class;
     void (*set_scroll_adjustments) (GtkIconView *, GtkAdjustment
*,
                                     GtkAdjustment *);
    void (*item_activated) (GtkIconView *, GtkTreePath *);
    void (*selection_changed) (GtkIconView *);
    void (*select_all) (GtkIconView *);
    void (*unselect_all) (GtkIconView *);
    void (*select_cursor_item) (GtkIconView *);
    void (*toggle_cursor_item) (GtkIconView *);
         gboolean(*move_cursor)  (GtkIconView  *,  GtkMovementStep,
gint);
     gboolean(*activate_cursor_item) (GtkIconView *);
} GtkIconViewClass;
typedef struct _GtkProgressBarClass {
    GtkProgressClass parent_class;
    void (*_gtk_reserved1) (void);
    void (*_gtk_reserved2) (void);
    void (*_gtk_reserved3) (void);
    void (*_gtk_reserved4) (void);
} GtkProgressBarClass;
typedef struct _GtkAspectFrameClass {
    GtkFrameClass parent_class;
} GtkAspectFrameClass;
typedef struct _GtkGammaCurve {
    GtkVBox vbox;
    GtkWidget *table;
    GtkWidget *curve;
    GtkWidget *button[5];
    gfloat gamma;
    GtkWidget *gamma_dialog;
    GtkWidget *gamma_text;
} GtkGammaCurve;
typedef   gboolean(*GtkAccelGroupActivate)   (GtkAccelGroup   *,
GObject *,
                                                              guint,
GdkModifierType);
enum {
    GTK_TREE_SORTABLE_DEFAULT_SORT_COLUMN_ID = -1,
    GTK_TREE_SORTABLE_UNSORTED_SORT_COLUMN_ID = -2
};
typedef enum {
    GTK_IM_PREEDIT_NOTHING,
    GTK_IM_PREEDIT_CALLBACK,
    GTK_IM_PREEDIT_NONE
} GtkIMPreeditStyle;
typedef enum {
    GTK_DEBUG_MISC = 1 << 0,
    GTK_DEBUG_PLUGSOCKET = 1 << 1,
    GTK_DEBUG_TEXT = 1 << 2,
    GTK_DEBUG_TREE = 1 << 3,
    GTK_DEBUG_UPDATES = 1 << 4,
    GTK_DEBUG_KEYBINDINGS = 1 << 5,
```

```
    GTK_DEBUG_MULTIHEAD = 1 << 6,
    GTK_DEBUG_MODULES = 1 << 7,
    GTK_DEBUG_GEOMETRY = 1 << 8,
    GTK_DEBUG_ICONTHEME = 1 << 9
} GtkDebugFlag;
typedef enum {
    GTK_CELL_RENDERER_MODE_INERT,
    GTK_CELL_RENDERER_MODE_ACTIVATABLE,
    GTK_CELL_RENDERER_MODE_EDITABLE
} GtkCellRendererMode;
typedef enum {
    GTK_ICON_THEME_NOT_FOUND,
    GTK_ICON_THEME_FAILED
} GtkIconThemeError;
typedef enum {
    GTK_RESPONSE_NONE = -1,
    GTK_RESPONSE_REJECT = -2,
    GTK_RESPONSE_ACCEPT = -3,
    GTK_RESPONSE_DELETE_EVENT = -4,
    GTK_RESPONSE_OK = -5,
    GTK_RESPONSE_CANCEL = -6,
    GTK_RESPONSE_CLOSE = -7,
    GTK_RESPONSE_YES = -8,
    GTK_RESPONSE_NO = -9,
    GTK_RESPONSE_APPLY = -10,
    GTK_RESPONSE_HELP = -11
} GtkResponseType;
typedef enum {
    GTK_TARGET_SAME_APP = 1 << 0,
    GTK_TARGET_SAME_WIDGET = 1 << 1
} GtkTargetFlags;
typedef enum {
    GTK_ANCHOR_CENTER,
    GTK_ANCHOR_NORTH,
    GTK_ANCHOR_NORTH_WEST,
    GTK_ANCHOR_NORTH_EAST,
    GTK_ANCHOR_SOUTH,
    GTK_ANCHOR_SOUTH_WEST,
    GTK_ANCHOR_SOUTH_EAST,
    GTK_ANCHOR_WEST,
    GTK_ANCHOR_EAST,
    GTK_ANCHOR_N = GTK_ANCHOR_NORTH,
    GTK_ANCHOR_NW = GTK_ANCHOR_NORTH_WEST,
    GTK_ANCHOR_NE = GTK_ANCHOR_NORTH_EAST,
    GTK_ANCHOR_S = GTK_ANCHOR_SOUTH,
    GTK_ANCHOR_SW = GTK_ANCHOR_SOUTH_WEST,
    GTK_ANCHOR_SE = GTK_ANCHOR_SOUTH_EAST,
    GTK_ANCHOR_W = GTK_ANCHOR_WEST,
    GTK_ANCHOR_E = GTK_ANCHOR_EAST
} GtkAnchorType;
typedef enum {
    GTK_IM_STATUS_NOTHING,
    GTK_IM_STATUS_CALLBACK,
    GTK_IM_STATUS_NONE
} GtkIMStatusStyle;
typedef enum {
    GTK_FILE_CHOOSER_ERROR_NONEXISTENT,
    GTK_FILE_CHOOSER_ERROR_BAD_FILENAME
} GtkFileChooserError;
typedef enum {
    GTK_IN_DESTRUCTION = 1 << 0,
    GTK_FLOATING = 1 << 1,
    GTK_RESERVED_1 = 1 << 2,
    GTK_RESERVED_2 = 1 << 3
} GtkObjectFlags;
typedef enum {
```

 © 2008 Linux Foundation

```
    GTK_RC_TOKEN_INVALID = G_TOKEN_LAST,
    GTK_RC_TOKEN_INCLUDE,
    GTK_RC_TOKEN_NORMAL,
    GTK_RC_TOKEN_ACTIVE,
    GTK_RC_TOKEN_PRELIGHT,
    GTK_RC_TOKEN_SELECTED,
    GTK_RC_TOKEN_INSENSITIVE,
    GTK_RC_TOKEN_FG,
    GTK_RC_TOKEN_BG,
    GTK_RC_TOKEN_TEXT,
    GTK_RC_TOKEN_BASE,
    GTK_RC_TOKEN_XTHICKNESS,
    GTK_RC_TOKEN_YTHICKNESS,
    GTK_RC_TOKEN_FONT,
    GTK_RC_TOKEN_FONTSET,
    GTK_RC_TOKEN_FONT_NAME,
    GTK_RC_TOKEN_BG_PIXMAP,
    GTK_RC_TOKEN_PIXMAP_PATH,
    GTK_RC_TOKEN_STYLE,
    GTK_RC_TOKEN_BINDING,
    GTK_RC_TOKEN_BIND,
    GTK_RC_TOKEN_WIDGET,
    GTK_RC_TOKEN_WIDGET_CLASS,
    GTK_RC_TOKEN_CLASS,
    GTK_RC_TOKEN_LOWEST,
    GTK_RC_TOKEN_GTK,
    GTK_RC_TOKEN_APPLICATION,
    GTK_RC_TOKEN_THEME,
    GTK_RC_TOKEN_RC,
    GTK_RC_TOKEN_HIGHEST,
    GTK_RC_TOKEN_ENGINE,
    GTK_RC_TOKEN_MODULE_PATH,
    GTK_RC_TOKEN_IM_MODULE_PATH,
    GTK_RC_TOKEN_IM_MODULE_FILE,
    GTK_RC_TOKEN_STOCK,
    GTK_RC_TOKEN_LTR,
    GTK_RC_TOKEN_RTL,
    GTK_RC_TOKEN_LAST
} GtkRcTokenType;
typedef enum {
    GTK_TOPLEVEL = 1 << 4,
    GTK_NO_WINDOW = 1 << 5,
    GTK_REALIZED = 1 << 6,
    GTK_MAPPED = 1 << 7,
    GTK_VISIBLE = 1 << 8,
    GTK_SENSITIVE = 1 << 9,
    GTK_PARENT_SENSITIVE = 1 << 10,
    GTK_CAN_FOCUS = 1 << 11,
    GTK_HAS_FOCUS = 1 << 12,
    GTK_CAN_DEFAULT = 1 << 13,
    GTK_HAS_DEFAULT = 1 << 14,
    GTK_HAS_GRAB = 1 << 15,
    GTK_RC_STYLE = 1 << 16,
    GTK_COMPOSITE_CHILD = 1 << 17,
    GTK_NO_REPARENT = 1 << 18,
    GTK_APP_PAINTABLE = 1 << 19,
    GTK_RECEIVES_DEFAULT = 1 << 20,
    GTK_DOUBLE_BUFFERED = 1 << 21,
    GTK_NO_SHOW_ALL = 1 << 22
} GtkWidgetFlags;
typedef enum {
    GTK_ICON_VIEW_NO_DROP,
    GTK_ICON_VIEW_DROP_INTO,
    GTK_ICON_VIEW_DROP_LEFT,
    GTK_ICON_VIEW_DROP_RIGHT,
    GTK_ICON_VIEW_DROP_ABOVE,
```

```
    GTK_ICON_VIEW_DROP_BELOW
} GtkIconViewDropPosition;
typedef enum {
    GTK_PACK_DIRECTION_LTR,
    GTK_PACK_DIRECTION_RTL,
    GTK_PACK_DIRECTION_TTB,
    GTK_PACK_DIRECTION_BTT
} GtkPackDirection;
extern              const               gchar               *const
*gtk_about_dialog_get_artists(GtkAboutDialog *
                                                            about);
extern              const               gchar               *const
*gtk_about_dialog_get_authors(GtkAboutDialog *
                                                            about);
extern  const  gchar  *gtk_about_dialog_get_comments(GtkAboutDialog
* about);
extern const gchar *gtk_about_dialog_get_copyright(GtkAboutDialog
* about);
extern              const               gchar               *const
*gtk_about_dialog_get_documenters(GtkAboutDialog
                                                                *
about);
extern const gchar *gtk_about_dialog_get_license(GtkAboutDialog *
about);
extern   GdkPixbuf   *gtk_about_dialog_get_logo(GtkAboutDialog   *
about);
extern                          const                           gchar
*gtk_about_dialog_get_logo_icon_name(GtkAboutDialog *
                                                            about);
extern  const  gchar  *gtk_about_dialog_get_name(GtkAboutDialog  *
about);
extern                          const                           gchar
*gtk_about_dialog_get_translator_credits(GtkAboutDialog
                                                                *
about);
extern GType gtk_about_dialog_get_type(void);
extern const gchar *gtk_about_dialog_get_version(GtkAboutDialog *
about);
extern const gchar *gtk_about_dialog_get_website(GtkAboutDialog *
about);
extern                          const                           gchar
*gtk_about_dialog_get_website_label(GtkAboutDialog *
                                                           about);
extern  gboolean  gtk_about_dialog_get_wrap_license(GtkAboutDialog
* about);
extern GtkWidget *gtk_about_dialog_new(void);
extern void gtk_about_dialog_set_artists(GtkAboutDialog * about,
                                         const gchar * *artists);
extern void gtk_about_dialog_set_authors(GtkAboutDialog * about,
                                         const gchar * *authors);
extern void gtk_about_dialog_set_comments(GtkAboutDialog * about,
                                                    const gchar *
comments);
extern   void   gtk_about_dialog_set_copyright(GtkAboutDialog   *
about,
                                                    const gchar *
copyright);
extern  void  gtk_about_dialog_set_documenters(GtkAboutDialog  *
about,
                                                    const gchar *
*documenters);
extern GtkAboutDialogActivateLinkFunc
gtk_about_dialog_set_email_hook(GtkAboutDialogActivateLinkFunc
func,
                                    gpointer data, GDestroyNotify
destroy);
```

 © 2008 Linux Foundation

```
extern void gtk_about_dialog_set_license(GtkAboutDialog * about,
                                         const gchar * license);
extern void gtk_about_dialog_set_logo(GtkAboutDialog * about,
                                      GdkPixbuf * logo);
extern  void  gtk_about_dialog_set_logo_icon_name(GtkAboutDialog  *
about,
                                                  const gchar *
icon_name);
extern void gtk_about_dialog_set_name(GtkAboutDialog * about,
                                      const gchar * name);
extern                                                      void
gtk_about_dialog_set_translator_credits(GtkAboutDialog * about,
                                                 const gchar *
                                                  translator_cr
edits);
extern GtkAboutDialogActivateLinkFunc
gtk_about_dialog_set_url_hook(GtkAboutDialogActivateLinkFunc
func,
                                    gpointer data, GDestroyNotify
destroy);
extern void gtk_about_dialog_set_version(GtkAboutDialog * about,
                                         const gchar * version);
extern void gtk_about_dialog_set_website(GtkAboutDialog * about,
                                         const gchar * website);
extern  void  gtk_about_dialog_set_website_label(GtkAboutDialog  *
about,
                                                 const gchar *
                                                 website_label);
extern  void  gtk_about_dialog_set_wrap_license(GtkAboutDialog  *
about,
                                                           gboolean
wrap_license);
extern GType gtk_accel_flags_get_type(void);
extern    gboolean    gtk_accel_group_activate(GtkAccelGroup    *
accel_group,
                                           GQuark accel_quark,
                                           GObject * acceleratable,
                                           guint accel_key,
                                                GdkModifierType
accel_mods);
extern void gtk_accel_group_connect(GtkAccelGroup * accel_group,
                                    guint accel_key,
                                    GdkModifierType accel_mods,
                                    GtkAccelFlags accel_flags,
                                    GClosure * closure);
extern   void   gtk_accel_group_connect_by_path(GtkAccelGroup   *
accel_group,
                                                  const gchar *
accel_path,
                                               GClosure * closure);
extern   gboolean   gtk_accel_group_disconnect(GtkAccelGroup   *
accel_group,
                                             GClosure * closure);
extern  gboolean  gtk_accel_group_disconnect_key(GtkAccelGroup  *
accel_group,
                                                 guint accel_key,
                                                    GdkModifierType
accel_mods);
extern    GtkAccelKey    *gtk_accel_group_find(GtkAccelGroup    *
accel_group,
                                               GtkAccelGroupFindFunc
find_func,
                                           gpointer data);
extern GtkAccelGroup *gtk_accel_group_from_accel_closure(GClosure
*
                                                         closure)
```

```
;
extern GType gtk_accel_group_get_type(void);
extern void gtk_accel_group_lock(GtkAccelGroup * accel_group);
extern GtkAccelGroup *gtk_accel_group_new(void);
extern GtkAccelGroupEntry *gtk_accel_group_query(GtkAccelGroup *
                                                 accel_group,
                                                 guint accel_key,
                                                 GdkModifierType
                                                 accel_mods,
                                                          guint *
n_entries);
extern void gtk_accel_group_unlock(GtkAccelGroup * accel_group);
extern gboolean gtk_accel_groups_activate(GObject * object,
                                          guint accel_key,
                                                  GdkModifierType
accel_mods);
extern GSList *gtk_accel_groups_from_object(GObject * object);
extern  GtkWidget  *gtk_accel_label_get_accel_widget(GtkAccelLabel
*
                                                    accel_label);
extern   guint   gtk_accel_label_get_accel_width(GtkAccelLabel   *
accel_label);
extern GType gtk_accel_label_get_type(void);
extern GtkWidget *gtk_accel_label_new(const gchar * string);
extern    gboolean    gtk_accel_label_refetch(GtkAccelLabel    *
accel_label);
extern  void  gtk_accel_label_set_accel_closure(GtkAccelLabel  *
accel_label,
                                                         GClosure *
accel_closure);
extern   void   gtk_accel_label_set_accel_widget(GtkAccelLabel   *
accel_label,
                                                        GtkWidget *
accel_widget);
extern void gtk_accel_map_add_entry(const gchar * accel_path,
                                    guint accel_key,
                                    GdkModifierType accel_mods);
extern    void    gtk_accel_map_add_filter(const    gchar    *
filter_pattern);
extern   gboolean   gtk_accel_map_change_entry(const   gchar   *
accel_path,
                                               guint accel_key,
                                                       GdkModifierType
accel_mods,
                                               gboolean replace);
extern void gtk_accel_map_foreach(gpointer data,
                                                   GtkAccelMapForeach
foreach_func);
extern void gtk_accel_map_foreach_unfiltered(gpointer data,
                                             GtkAccelMapForeach
                                             foreach_func);
extern GtkAccelMap *gtk_accel_map_get(void);
extern GType gtk_accel_map_get_type(void);
extern void gtk_accel_map_load(const gchar * file_name);
extern void gtk_accel_map_load_fd(gint fd);
extern void gtk_accel_map_load_scanner(GScanner * scanner);
extern void gtk_accel_map_lock_path(const gchar * accel_path);
extern   gboolean   gtk_accel_map_lookup_entry(const   gchar   *
accel_path,
                                               GtkAccelKey * key);
extern void gtk_accel_map_save(const gchar * file_name);
extern void gtk_accel_map_save_fd(gint fd);
extern void gtk_accel_map_unlock_path(const gchar * accel_path);
extern guint gtk_accelerator_get_default_mod_mask(void);
extern gchar *gtk_accelerator_get_label(guint accelerator_key,
                                                       GdkModifierType
```

 © 2008 Linux Foundation

```
accelerator_mods);
extern gchar *gtk_accelerator_name(guint accelerator_key,
                                                   GdkModifierType
accelerator_mods);
extern void gtk_accelerator_parse(const gchar * accelerator,
                                  guint * accelerator_key,
                                                  GdkModifierType  *
accelerator_mods);
extern void gtk_accelerator_set_default_mod_mask(GdkModifierType
                                                    default_mod_mask
);
extern gboolean gtk_accelerator_valid(guint keyval,
                                      GdkModifierType modifiers);
extern  void  gtk_accessible_connect_widget_destroyed(GtkAccessible
*
                                                     accessible);
extern GType gtk_accessible_get_type(void);
extern void gtk_action_activate(GtkAction * action);
extern void gtk_action_block_activate_from(GtkAction * action,
                                           GtkWidget * proxy);
extern void gtk_action_connect_accelerator(GtkAction * action);
extern void gtk_action_connect_proxy(GtkAction * action,
                                     GtkWidget * proxy);
extern GtkWidget *gtk_action_create_icon(GtkAction * action,
                                         GtkIconSize icon_size);
extern    GtkWidget    *gtk_action_create_menu_item(GtkAction    *
action);
extern    GtkWidget    *gtk_action_create_tool_item(GtkAction    *
action);
extern    void    gtk_action_disconnect_accelerator(GtkAction    *
action);
extern void gtk_action_disconnect_proxy(GtkAction * action,
                                        GtkWidget * proxy);
extern    GClosure    *gtk_action_get_accel_closure(GtkAction    *
action);
extern   const   gchar   *gtk_action_get_accel_path(GtkAction   *
action);
extern const gchar *gtk_action_get_name(GtkAction * action);
extern GSList *gtk_action_get_proxies(GtkAction * action);
extern gboolean gtk_action_get_sensitive(GtkAction * action);
extern GType gtk_action_get_type(void);
extern gboolean gtk_action_get_visible(GtkAction * action);
extern    void    gtk_action_group_add_action(GtkActionGroup    *
action_group,
                                        GtkAction * action);
extern  void  gtk_action_group_add_action_with_accel(GtkActionGroup
*
                                                   action_group,
                                                      GtkAction *
action,
                                                   const gchar *
                                                   accelerator);
extern    void    gtk_action_group_add_actions(GtkActionGroup    *
action_group,
                                           const GtkActionEntry *
entries,
                                         guint n_entries,
                                         gpointer user_data);
extern void gtk_action_group_add_actions_full(GtkActionGroup *
                                              action_group,
                                                           const
GtkActionEntry *
                                                   entries, guint
n_entries,
                                              gpointer user_data,
                                                   GDestroyNotify
```

```
destroy);
extern void gtk_action_group_add_radio_actions(GtkActionGroup *
                                               action_group,
                                                    const
GtkRadioActionEntry *
                                                   entries, guint
n_entries,
                                               gint value,
                                                    GCallback
on_change,
                                                     gpointer
user_data);
extern                                                  void
gtk_action_group_add_radio_actions_full(GtkActionGroup *
                                                  action_group,
                                                  const
                                                   GtkRadioActio
nEntry *
                                                  entries,
                                                          guint
n_entries,
                                                  gint value,
                                                      GCallback
on_change,
                                                       gpointer
user_data,
                                                   GDestroyNotif
y
                                                  destroy);
extern void gtk_action_group_add_toggle_actions(GtkActionGroup *
                                                action_group,
                                                          const
GtkToggleActionEntry
                                                 * entries, guint
n_entries,
                                                        gpointer
user_data);
extern                                                   void
gtk_action_group_add_toggle_actions_full(GtkActionGroup *
                                                   action_group
,
                                                   const
                                                   GtkToggleAct
ionEntry *
                                                   entries,
                                                          guint
n_entries,
                                                       gpointer
user_data,
                                                    GDestroyNoti
fy
                                                   destroy);
extern GtkAction *gtk_action_group_get_action(GtkActionGroup *
                                              action_group,
                                                    const gchar *
action_name);
extern const gchar *gtk_action_group_get_name(GtkActionGroup *
                                              action_group);
extern gboolean gtk_action_group_get_sensitive(GtkActionGroup *
                                               action_group);
extern GType gtk_action_group_get_type(void);
extern gboolean gtk_action_group_get_visible(GtkActionGroup *
                                             action_group);
extern   GList   *gtk_action_group_list_actions(GtkActionGroup   *
action_group);
extern GtkActionGroup *gtk_action_group_new(const gchar * name);
```

 © 2008 Linux Foundation

```
extern   void   gtk_action_group_remove_action(GtkActionGroup   *
action_group,
                                               GtkAction * action);
extern   void   gtk_action_group_set_sensitive(GtkActionGroup   *
action_group,
                                               gboolean sensitive);
extern void gtk_action_group_set_translate_func(GtkActionGroup *
                                                  action_group,
                                                  GtkTranslateFunc
func,
                                                  gpointer data,
                                                  GtkDestroyNotify
notify);
extern                                                            void
gtk_action_group_set_translation_domain(GtkActionGroup *
                                                    action_group,
                                                    const gchar *
domain);
extern    void    gtk_action_group_set_visible(GtkActionGroup    *
action_group,
                                           gboolean visible);
extern                           const                            gchar
*gtk_action_group_translate_string(GtkActionGroup *
                                                        action_grou
p,
                                                        const gchar
*
                                                       string);
extern gboolean gtk_action_is_sensitive(GtkAction * action);
extern gboolean gtk_action_is_visible(GtkAction * action);
extern GtkAction *gtk_action_new(const gchar * name, const gchar
* label,
                                 const gchar * tooltip,
                                 const gchar * stock_id);
extern void gtk_action_set_accel_group(GtkAction * action,
                                                  GtkAccelGroup *
accel_group);
extern void gtk_action_set_accel_path(GtkAction * action,
                                      const gchar * accel_path);
extern void gtk_action_set_sensitive(GtkAction * action,
                                     gboolean sensitive);
extern  void  gtk_action_set_visible(GtkAction  *  action,  gboolean
visible);
extern void gtk_action_unblock_activate_from(GtkAction * action,
                                               GtkWidget * proxy);
extern void gtk_adjustment_changed(GtkAdjustment * adjustment);
extern void gtk_adjustment_clamp_page(GtkAdjustment * adjustment,
                                      gdouble lower, gdouble
upper);
extern GType gtk_adjustment_get_type(void);
extern    gdouble    gtk_adjustment_get_value(GtkAdjustment    *
adjustment);
extern   GtkObject   *gtk_adjustment_new(gdouble   value,   gdouble
lower,
                                         gdouble upper, gdouble
step_increment,
                                     gdouble page_increment,
                                     gdouble page_size);
extern void gtk_adjustment_set_value(GtkAdjustment * adjustment,
                                     gdouble value);
extern    void    gtk_adjustment_value_changed(GtkAdjustment    *
adjustment);
extern void gtk_alignment_get_padding(GtkAlignment * alignment,
                                      guint * padding_top,
                                      guint * padding_bottom,
                                      guint * padding_left,
```

```
                                        guint * padding_right);
extern GType gtk_alignment_get_type(void);
extern GtkWidget *gtk_alignment_new(gfloat xalign, gfloat yalign,
                                            gfloat xscale, gfloat
yscale);
extern  void  gtk_alignment_set(GtkAlignment  *  alignment,  gfloat
xalign,
                                      gfloat yalign, gfloat xscale,
gfloat yscale);
extern void gtk_alignment_set_padding(GtkAlignment * alignment,
                                        guint padding_top,
                                        guint padding_bottom,
                                        guint padding_left,
                                        guint padding_right);
extern  gboolean  gtk_alternative_dialog_button_order(GdkScreen  *
screen);
extern GType gtk_anchor_type_get_type(void);
extern GType gtk_arg_flags_get_type(void);
extern GType gtk_arrow_get_type(void);
extern GtkWidget *gtk_arrow_new(GtkArrowType arrow_type,
                                GtkShadowType shadow_type);
extern   void   gtk_arrow_set(GtkArrow   *   arrow,   GtkArrowType
arrow_type,
                              GtkShadowType shadow_type);
extern GType gtk_arrow_type_get_type(void);
extern GType gtk_aspect_frame_get_type(void);
extern  GtkWidget  *gtk_aspect_frame_new(const  gchar  *  label,
gfloat xalign,
                                            gfloat yalign, gfloat
ratio,
                                       gboolean obey_child);
extern void gtk_aspect_frame_set(GtkAspectFrame * aspect_frame,
                                 gfloat xalign, gfloat yalign,
                                           gfloat ratio, gboolean
obey_child);
extern GType gtk_attach_options_get_type(void);
extern GtkWidget *gtk_bin_get_child(GtkBin * bin);
extern GType gtk_bin_get_type(void);
extern const guint gtk_binary_age;
extern    void    gtk_binding_entry_add_signal(GtkBindingSet    *
binding_set,
                                          guint keyval,
                                                  GdkModifierType
modifiers,
                                                    const gchar *
signal_name,
                                          guint n_args, ...);
extern    void    gtk_binding_entry_add_signall(GtkBindingSet    *
binding_set,
                                           guint keyval,
                                                  GdkModifierType
modifiers,
                                                    const gchar *
signal_name,
                                           GSList * binding_args);
extern void gtk_binding_entry_clear(GtkBindingSet * binding_set,
                                    guint keyval,
                                    GdkModifierType modifiers);
extern void gtk_binding_entry_remove(GtkBindingSet * binding_set,
                                     guint keyval,
                                     GdkModifierType modifiers);
extern guint gtk_binding_parse_binding(GScanner * scanner);
extern    gboolean    gtk_binding_set_activate(GtkBindingSet    *
binding_set,
                                          guint keyval,
                                                  GdkModifierType
```

 © 2008 Linux Foundation

```
modifiers,
                                        GtkObject * object);
extern void gtk_binding_set_add_path(GtkBindingSet * binding_set,
                                     GtkPathType path_type,
                                     const gchar * path_pattern,
                                             GtkPathPriorityType
priority);
extern      GtkBindingSet      *gtk_binding_set_by_class(gpointer
object_class);
extern   GtkBindingSet   *gtk_binding_set_find(const   gchar   *
set_name);
extern   GtkBindingSet   *gtk_binding_set_new(const   gchar   *
set_name);
extern gboolean gtk_bindings_activate(GtkObject * object, guint
keyval,
                                      GdkModifierType modifiers);
extern gboolean gtk_bindings_activate_event(GtkObject * object,
                                            GdkEventKey * event);
extern GtkBorder *gtk_border_copy(const GtkBorder * border_);
extern void gtk_border_free(GtkBorder * border_);
extern GType gtk_border_get_type(void);
extern gboolean gtk_box_get_homogeneous(GtkBox * box);
extern gint gtk_box_get_spacing(GtkBox * box);
extern GType gtk_box_get_type(void);
extern void gtk_box_pack_end(GtkBox * box, GtkWidget * child,
                             gboolean expand, gboolean fill,
                             guint padding);
extern void gtk_box_pack_end_defaults(GtkBox * box, GtkWidget *
widget);
extern void gtk_box_pack_start(GtkBox * box, GtkWidget * child,
                               gboolean expand, gboolean fill,
                               guint padding);
extern void gtk_box_pack_start_defaults(GtkBox * box, GtkWidget *
widget);
extern void gtk_box_query_child_packing(GtkBox * box, GtkWidget *
child,
                                                gboolean * expand,
gboolean * fill,
                                        guint * padding,
                                        GtkPackType * pack_type);
extern  void  gtk_box_reorder_child(GtkBox  *  box,  GtkWidget  *
child,
                                    gint position);
extern void gtk_box_set_child_packing(GtkBox * box, GtkWidget *
child,
                                      gboolean expand, gboolean
fill,
                                     guint padding,
                                     GtkPackType pack_type);
extern  void  gtk_box_set_homogeneous(GtkBox  *  box,  gboolean
homogeneous);
extern void gtk_box_set_spacing(GtkBox * box, gint spacing);
extern gboolean gtk_button_box_get_child_secondary(GtkButtonBox *
widget,
                                                   GtkWidget *
child);
extern GtkButtonBoxStyle gtk_button_box_get_layout(GtkButtonBox *
widget);
extern GType gtk_button_box_get_type(void);
extern  void  gtk_button_box_set_child_secondary(GtkButtonBox  *
widget,
                                                 GtkWidget * child,
                                                         gboolean
is_secondary);
extern void gtk_button_box_set_layout(GtkButtonBox * widget,
                                                   GtkButtonBoxStyle
```

```
layout_style);
extern GType gtk_button_box_style_get_type(void);
extern void gtk_button_clicked(GtkButton * button);
extern void gtk_button_enter(GtkButton * button);
extern void gtk_button_get_alignment(GtkButton * button, gfloat *
xalign,
                                     gfloat * yalign);
extern    gboolean    gtk_button_get_focus_on_click(GtkButton    *
button);
extern GtkWidget *gtk_button_get_image(GtkButton * button);
extern const gchar *gtk_button_get_label(GtkButton * button);
extern GtkReliefStyle gtk_button_get_relief(GtkButton * button);
extern GType gtk_button_get_type(void);
extern gboolean gtk_button_get_use_stock(GtkButton * button);
extern gboolean gtk_button_get_use_underline(GtkButton * button);
extern void gtk_button_leave(GtkButton * button);
extern GtkWidget *gtk_button_new(void);
extern   GtkWidget   *gtk_button_new_from_stock(const   gchar   *
stock_id);
extern GtkWidget *gtk_button_new_with_label(const gchar * label);
extern  GtkWidget  *gtk_button_new_with_mnemonic(const  gchar  *
label);
extern void gtk_button_pressed(GtkButton * button);
extern void gtk_button_released(GtkButton * button);
extern  void  gtk_button_set_alignment(GtkButton  *  button,  gfloat
xalign,
                                     gfloat yalign);
extern void gtk_button_set_focus_on_click(GtkButton * button,
                                                          gboolean
focus_on_click);
extern  void  gtk_button_set_image(GtkButton  *  button,  GtkWidget  *
image);
extern  void  gtk_button_set_label(GtkButton  *  button,  const  gchar
* label);
extern void gtk_button_set_relief(GtkButton * button,
                                  GtkReliefStyle newstyle);
extern void gtk_button_set_use_stock(GtkButton * button,
                                     gboolean use_stock);
extern void gtk_button_set_use_underline(GtkButton * button,
                                         gboolean use_underline);
extern GType gtk_buttons_type_get_type(void);
extern void gtk_calendar_clear_marks(GtkCalendar * calendar);
extern GType gtk_calendar_display_options_get_type(void);
extern void gtk_calendar_get_date(GtkCalendar * calendar, guint *
year,
                                  guint * month, guint * day);
extern GtkCalendarDisplayOptions
gtk_calendar_get_display_options(GtkCalendar * calendar);
extern GType gtk_calendar_get_type(void);
extern  gboolean  gtk_calendar_mark_day(GtkCalendar  *  calendar,
guint day);
extern GtkWidget *gtk_calendar_new(void);
extern void gtk_calendar_select_day(GtkCalendar * calendar, guint
day);
extern gboolean gtk_calendar_select_month(GtkCalendar * calendar,
                                          guint month, guint
year);
extern   void   gtk_calendar_set_display_options(GtkCalendar   *
calendar,
                                                 GtkCalendarDisplayOp
tions
                                                 flags);
extern  gboolean  gtk_calendar_unmark_day(GtkCalendar  *  calendar,
guint day);
extern void gtk_cell_editable_editing_done(GtkCellEditable *
                                           cell_editable);
```

 © 2008 Linux Foundation

```
extern GType gtk_cell_editable_get_type(void);
extern void gtk_cell_editable_remove_widget(GtkCellEditable *
                                            cell_editable);
extern void gtk_cell_editable_start_editing(GtkCellEditable *
                                            cell_editable,
                                            GdkEvent * event);
extern    void    gtk_cell_layout_add_attribute(GtkCellLayout    *
cell_layout,
                                          GtkCellRenderer * cell,
                                                    const gchar *
attribute,
                                          gint column);
extern void gtk_cell_layout_clear(GtkCellLayout * cell_layout);
extern   void   gtk_cell_layout_clear_attributes(GtkCellLayout   *
cell_layout,
                                                 GtkCellRenderer *
cell);
extern GType gtk_cell_layout_get_type(void);
extern void gtk_cell_layout_pack_end(GtkCellLayout * cell_layout,
                                     GtkCellRenderer * cell,
                                     gboolean expand);
extern     void     gtk_cell_layout_pack_start(GtkCellLayout     *
cell_layout,
                                       GtkCellRenderer * cell,
                                       gboolean expand);
extern void gtk_cell_layout_reorder(GtkCellLayout * cell_layout,
                                    GtkCellRenderer * cell, gint
position);
extern    void    gtk_cell_layout_set_attributes(GtkCellLayout    *
cell_layout,
                                                 GtkCellRenderer *
cell, ...);
extern  void  gtk_cell_layout_set_cell_data_func(GtkCellLayout  *
cell_layout,
                                                 GtkCellRenderer *
cell,
                                                GtkCellLayoutDataF
unc func,
                                                         gpointer
func_data,
                                                     GDestroyNotify
destroy);
extern   gboolean   gtk_cell_renderer_activate(GtkCellRenderer   *
cell,
                                         GdkEvent * event,
                                         GtkWidget * widget,
                                         const gchar * path,
                                                 GdkRectangle *
background_area,
                                                 GdkRectangle *
cell_area,
                                                GtkCellRendererState
flags);
extern GType gtk_cell_renderer_combo_get_type(void);
extern GtkCellRenderer *gtk_cell_renderer_combo_new(void);
extern  void  gtk_cell_renderer_get_fixed_size(GtkCellRenderer  *
cell,
                                               gint * width, gint *
height);
extern void gtk_cell_renderer_get_size(GtkCellRenderer * cell,
                                       GtkWidget * widget,
                                       GdkRectangle * cell_area,
                                          gint * x_offset, gint *
y_offset,
                                               gint * width, gint *
height);
```

```
extern GType gtk_cell_renderer_get_type(void);
extern GType gtk_cell_renderer_mode_get_type(void);
extern GType gtk_cell_renderer_pixbuf_get_type(void);
extern GtkCellRenderer *gtk_cell_renderer_pixbuf_new(void);
extern GType gtk_cell_renderer_progress_get_type(void);
extern GtkCellRenderer *gtk_cell_renderer_progress_new(void);
extern void gtk_cell_renderer_render(GtkCellRenderer * cell,
                                     GdkWindow * window,
                                     GtkWidget * widget,
                                               GdkRectangle *
background_area,
                                     GdkRectangle * cell_area,
                                     GdkRectangle * expose_area,
                                     GtkCellRendererState flags);
extern  void  gtk_cell_renderer_set_fixed_size(GtkCellRenderer  *
cell,
                                               gint width, gint
height);
extern                                          GtkCellEditable
*gtk_cell_renderer_start_editing(GtkCellRenderer *
                                                     cell,
                                                      GdkEvent
* event,
                                                     GtkWidget
* widget,
                                                         const
gchar * path,
                                                     GdkRectan
gle *
                                                     backgroun
d_area,
                                                     GdkRectan
gle *
                                                     cell_area
,
                                                     GtkCellRe
ndererState
                                                    flags);
extern GType gtk_cell_renderer_state_get_type(void);
extern   void   gtk_cell_renderer_stop_editing(GtkCellRenderer   *
cell,
                                               gboolean canceled);
extern GType gtk_cell_renderer_text_get_type(void);
extern GtkCellRenderer *gtk_cell_renderer_text_new(void);
extern void
gtk_cell_renderer_text_set_fixed_height_from_font(GtkCellRenderer
Text *
                                                  renderer,
                                                              gint
number_of_rows);
extern                                                  gboolean
gtk_cell_renderer_toggle_get_active(GtkCellRendererToggle *
                                                    toggle);
extern                                                  gboolean
gtk_cell_renderer_toggle_get_radio(GtkCellRendererToggle *
                                                   toggle);
extern GType gtk_cell_renderer_toggle_get_type(void);
extern GtkCellRenderer *gtk_cell_renderer_toggle_new(void);
extern                                                      void
gtk_cell_renderer_toggle_set_active(GtkCellRendererToggle *
                                                  toggle, gboolean
setting);
extern                                                      void
gtk_cell_renderer_toggle_set_radio(GtkCellRendererToggle *
                                                  toggle, gboolean
radio);
```

 © 2008 Linux Foundation

```
extern   GList   *gtk_cell_view_get_cell_renderers(GtkCellView   *
cell_view);
extern GtkTreePath *gtk_cell_view_get_displayed_row(GtkCellView *
                                                    cell_view);
extern   gboolean   gtk_cell_view_get_size_of_row(GtkCellView   *
cell_view,
                                                  GtkTreePath * path,
                                                  GtkRequisition *
                                                  requisition);
extern GType gtk_cell_view_get_type(void);
extern GtkWidget *gtk_cell_view_new(void);
extern  GtkWidget  *gtk_cell_view_new_with_markup(const  gchar  *
markup);
extern   GtkWidget   *gtk_cell_view_new_with_pixbuf(GdkPixbuf   *
pixbuf);
extern  GtkWidget  *gtk_cell_view_new_with_text(const  gchar  *
text);
extern   void   gtk_cell_view_set_background_color(GtkCellView   *
cell_view,
                                                   const GdkColor *
color);
extern    void    gtk_cell_view_set_displayed_row(GtkCellView    *
cell_view,
                                                  GtkTreePath * path);
extern void gtk_cell_view_set_model(GtkCellView * cell_view,
                                    GtkTreeModel * model);
extern GType gtk_check_button_get_type(void);
extern GtkWidget *gtk_check_button_new(void);
extern  GtkWidget  *gtk_check_button_new_with_label(const  gchar  *
label);
extern  GtkWidget  *gtk_check_button_new_with_mnemonic(const  gchar
* label);
extern gboolean gtk_check_menu_item_get_active(GtkCheckMenuItem *
                                               check_menu_item);
extern                                                  gboolean
gtk_check_menu_item_get_draw_as_radio(GtkCheckMenuItem *
                                                      check_menu_
item);
extern                                                     gboolean
gtk_check_menu_item_get_inconsistent(GtkCheckMenuItem *
                                                     check_menu_i
tem);
extern GType gtk_check_menu_item_get_type(void);
extern GtkWidget *gtk_check_menu_item_new(void);
extern  GtkWidget  *gtk_check_menu_item_new_with_label(const  gchar
* label);
extern   GtkWidget   *gtk_check_menu_item_new_with_mnemonic(const
gchar *
                                                       label);
extern void gtk_check_menu_item_set_active(GtkCheckMenuItem *
                                           check_menu_item,
                                           gboolean is_active);
extern                                                   void
gtk_check_menu_item_set_draw_as_radio(GtkCheckMenuItem *
                                                   check_menu_item
,
                                                      gboolean
draw_as_radio);
extern  void  gtk_check_menu_item_set_inconsistent(GtkCheckMenuItem
*
                                                 check_menu_item,
                                                      gboolean
setting);
extern void gtk_check_menu_item_toggled(GtkCheckMenuItem *
                                        check_menu_item);
extern   gchar   *gtk_check_version(guint   required_major,   guint
```

```
required_minor,
                                guint required_micro);
extern void gtk_clipboard_clear(GtkClipboard * clipboard);
extern GtkClipboard *gtk_clipboard_get(GdkAtom selection);
extern   GdkDisplay   *gtk_clipboard_get_display(GtkClipboard   *
clipboard);
extern  GtkClipboard  *gtk_clipboard_get_for_display(GdkDisplay  *
display,
                                                     GdkAtom
selection);
extern     GObject     *gtk_clipboard_get_owner(GtkClipboard     *
clipboard);
extern GType gtk_clipboard_get_type(void);
extern    void    gtk_clipboard_request_contents(GtkClipboard    *
clipboard,
                                          GdkAtom target,
                                           GtkClipboardReceivedFu
nc
                                              callback, gpointer
user_data);
extern void gtk_clipboard_request_image(GtkClipboard * clipboard,
                                        GtkClipboardImageReceived
Func
                                              callback, gpointer
user_data);
extern    void    gtk_clipboard_request_targets(GtkClipboard    *
clipboard,
                                          GtkClipboardTargetsRece
ivedFunc
                                              callback, gpointer
user_data);
extern void gtk_clipboard_request_text(GtkClipboard * clipboard,
                                       GtkClipboardTextReceivedFu
nc
                                              callback, gpointer
user_data);
extern void gtk_clipboard_set_can_store(GtkClipboard * clipboard,
                                         const GtkTargetEntry *
targets,
                                       gint n_targets);
extern void gtk_clipboard_set_image(GtkClipboard * clipboard,
                                    GdkPixbuf * pixbuf);
extern void gtk_clipboard_set_text(GtkClipboard * clipboard,
                                   const gchar * text, gint len);
extern   gboolean   gtk_clipboard_set_with_data(GtkClipboard   *
clipboard,
                                            const GtkTargetEntry
* targets,
                                          guint n_targets,
                                             GtkClipboardGetFunc
get_func,
                                          GtkClipboardClearFunc
                                          clear_func,
                                          gpointer user_data);
extern   gboolean   gtk_clipboard_set_with_owner(GtkClipboard   *
clipboard,
                                            const GtkTargetEntry
*
                                                  targets, guint
n_targets,
                                             GtkClipboardGetFunc
get_func,
                                          GtkClipboardClearFun
c
                                             clear_func, GObject
* owner);
```

 © 2008 Linux Foundation

```
extern void gtk_clipboard_store(GtkClipboard * clipboard);
extern                                              GtkSelectionData
*gtk_clipboard_wait_for_contents(GtkClipboard *
                                                                clipboar
d,
                                                                 GdkAtom
target);
extern   GdkPixbuf   *gtk_clipboard_wait_for_image(GtkClipboard   *
clipboard);
extern   gboolean   gtk_clipboard_wait_for_targets(GtkClipboard   *
clipboard,
                                                               GdkAtom *
*targets,
                                                      gint * n_targets);
extern    gchar    *gtk_clipboard_wait_for_text(GtkClipboard    *
clipboard);
extern                                                           gboolean
gtk_clipboard_wait_is_image_available(GtkClipboard *
                                                         clipboard);
extern                                                               gboolean
gtk_clipboard_wait_is_target_available(GtkClipboard *
                                                          clipboard,
                                                             GdkAtom
target);
extern gboolean gtk_clipboard_wait_is_text_available(GtkClipboard
*
                                                        clipboard);
extern    guint16    gtk_color_button_get_alpha(GtkColorButton    *
color_button);
extern    void    gtk_color_button_get_color(GtkColorButton    *
color_button,
                                         GdkColor * color);
extern const gchar *gtk_color_button_get_title(GtkColorButton *
                                                      color_button);
extern GType gtk_color_button_get_type(void);
extern gboolean gtk_color_button_get_use_alpha(GtkColorButton *
                                                      color_button);
extern GtkWidget *gtk_color_button_new(void);
extern  GtkWidget  *gtk_color_button_new_with_color(const  GdkColor
* color);
extern    void    gtk_color_button_set_alpha(GtkColorButton    *
color_button,
                                         guint16 alpha);
extern    void    gtk_color_button_set_color(GtkColorButton    *
color_button,
                                         const GdkColor * color);
extern    void    gtk_color_button_set_title(GtkColorButton    *
color_button,
                                         const gchar * title);
extern   void   gtk_color_button_set_use_alpha(GtkColorButton   *
color_button,
                                               gboolean use_alpha);
extern GType gtk_color_selection_dialog_get_type(void);
extern  GtkWidget  *gtk_color_selection_dialog_new(const  gchar  *
title);
extern                                                             guint16
gtk_color_selection_get_current_alpha(GtkColorSelection *
                                                        colorsel);
extern                                                                void
gtk_color_selection_get_current_color(GtkColorSelection *
                                                     colorsel,
                                                          GdkColor *
color);
extern gboolean
gtk_color_selection_get_has_opacity_control(GtkColorSelection   *
colorsel);
```

```
extern                                                          gboolean
gtk_color_selection_get_has_palette(GtkColorSelection *
                                                          colorsel);
extern                                                           guint16
gtk_color_selection_get_previous_alpha(GtkColorSelection *
                                                            colorsel);
extern                                                               void
gtk_color_selection_get_previous_color(GtkColorSelection *
                                                         colorsel,
                                                             GdkColor *
color);
extern GType gtk_color_selection_get_type(void);
extern                                                           gboolean
gtk_color_selection_is_adjusting(GtkColorSelection *
                                                        colorsel);
extern GtkWidget *gtk_color_selection_new(void);
extern   gboolean   gtk_color_selection_palette_from_string(const
gchar * str,
                                                               GdkColor
* *colors,
                                                                 gint *
n_colors);
extern     gchar     *gtk_color_selection_palette_to_string(const
GdkColor *
                                                           colors, gint
n_colors);
extern GtkColorSelectionChangePaletteWithScreenFunc
gtk_color_selection_set_change_palette_with_screen_hook
(GtkColorSelectionChangePaletteWithScreenFunc func);
extern                                                               void
gtk_color_selection_set_current_alpha(GtkColorSelection *
                                                             colorsel,
guint16 alpha);
extern                                                               void
gtk_color_selection_set_current_color(GtkColorSelection *
                                                        colorsel,
                                                         const GdkColor
* color);
extern                                                               void
gtk_color_selection_set_has_opacity_control(GtkColorSelection *
                                                               colorsel,
                                                               gboolean
                                                                has_opaci
ty);
extern  void  gtk_color_selection_set_has_palette(GtkColorSelection
*
                                                  colorsel,
                                                            gboolean
has_palette);
extern                                                               void
gtk_color_selection_set_previous_alpha(GtkColorSelection *
                                                        colorsel,
                                                                guint16
alpha);
extern                                                               void
gtk_color_selection_set_previous_color(GtkColorSelection *
                                                        colorsel,
                                                         const GdkColor
* color);
extern void gtk_combo_box_append_text(GtkComboBox * combo_box,
                                      const gchar * text);
extern  gint  gtk_combo_box_entry_get_text_column(GtkComboBoxEntry
*
                                                 entry_box);
extern GType gtk_combo_box_entry_get_type(void);
extern GtkWidget *gtk_combo_box_entry_new(void);
```

 © 2008 Linux Foundation

```
extern GtkWidget *gtk_combo_box_entry_new_text(void);
extern GtkWidget *gtk_combo_box_entry_new_with_model(GtkTreeModel
* model,
                                                     gint
text_column);
extern void gtk_combo_box_entry_set_text_column(GtkComboBoxEntry
*
                                                entry_box,
                                                     gint
text_column);
extern gint gtk_combo_box_get_active(GtkComboBox * combo_box);
extern gboolean gtk_combo_box_get_active_iter(GtkComboBox *
combo_box,
                                              GtkTreeIter *
iter);
extern gchar *gtk_combo_box_get_active_text(GtkComboBox *
combo_box);
extern gboolean gtk_combo_box_get_add_tearoffs(GtkComboBox *
combo_box);
extern gint gtk_combo_box_get_column_span_column(GtkComboBox *
combo_box);
extern gboolean gtk_combo_box_get_focus_on_click(GtkComboBox *
combo);
extern GtkTreeModel *gtk_combo_box_get_model(GtkComboBox *
combo_box);
extern AtkObject *gtk_combo_box_get_popup_accessible(GtkComboBox
*
                                                     combo_box);
extern GtkTreeViewRowSeparatorFunc
gtk_combo_box_get_row_separator_func(GtkComboBox * combo_box);
extern gint gtk_combo_box_get_row_span_column(GtkComboBox *
combo_box);
extern GType gtk_combo_box_get_type(void);
extern gint gtk_combo_box_get_wrap_width(GtkComboBox *
combo_box);
extern void gtk_combo_box_insert_text(GtkComboBox * combo_box,
                                      gint position, const gchar
* text);
extern GtkWidget *gtk_combo_box_new(void);
extern GtkWidget *gtk_combo_box_new_text(void);
extern GtkWidget *gtk_combo_box_new_with_model(GtkTreeModel *
model);
extern void gtk_combo_box_popdown(GtkComboBox * combo_box);
extern void gtk_combo_box_popup(GtkComboBox * combo_box);
extern void gtk_combo_box_prepend_text(GtkComboBox * combo_box,
                                       const gchar * text);
extern void gtk_combo_box_remove_text(GtkComboBox * combo_box,
                                      gint position);
extern void gtk_combo_box_set_active(GtkComboBox * combo_box,
gint index_);
extern void gtk_combo_box_set_active_iter(GtkComboBox *
combo_box,
                                          GtkTreeIter * iter);
extern void gtk_combo_box_set_add_tearoffs(GtkComboBox *
combo_box,
                                                     gboolean
add_tearoffs);
extern void gtk_combo_box_set_column_span_column(GtkComboBox *
combo_box,
                                                     gint
column_span);
extern void gtk_combo_box_set_focus_on_click(GtkComboBox * combo,
                                                     gboolean
focus_on_click);
extern void gtk_combo_box_set_model(GtkComboBox * combo_box,
                                    GtkTreeModel * model);
```

```
extern  void  gtk_combo_box_set_row_separator_func(GtkComboBox  *
combo_box,
                                                   GtkTreeViewRowSe
paratorFunc
                                                     func, gpointer
data,
                                                   GtkDestroyNotify
destroy);
extern   void   gtk_combo_box_set_row_span_column(GtkComboBox   *
combo_box,
                                                    gint row_span);
extern void gtk_combo_box_set_wrap_width(GtkComboBox * combo_box,
                                         gint width);
extern GType gtk_combo_get_type(void);
extern void gtk_container_add(GtkContainer * container,
                              GtkWidget * widget);
extern   void   gtk_container_add_with_properties(GtkContainer   *
container,
                                                   GtkWidget * widget,
                                                   const gchar *
                                                    first_prop_name, ..
.);
extern void gtk_container_check_resize(GtkContainer * container);
extern void gtk_container_child_get(GtkContainer * container,
                                    GtkWidget * child,
                                                    const  gchar  *
first_prop_name, ...);
extern   void   gtk_container_child_get_property(GtkContainer   *
container,
                                                  GtkWidget * child,
                                                         const gchar *
property_name,
                                                  GValue * value);
extern    void    gtk_container_child_get_valist(GtkContainer    *
container,
                                                 GtkWidget * child,
                                                 const gchar *
                                                 first_property_name,
                                                 va_list var_args);
extern void gtk_container_child_set(GtkContainer * container,
                                    GtkWidget * child,
                                                    const  gchar  *
first_prop_name, ...);
extern   void   gtk_container_child_set_property(GtkContainer   *
container,
                                                  GtkWidget * child,
                                                         const gchar *
property_name,
                                                        const GValue *
value);
extern    void    gtk_container_child_set_valist(GtkContainer    *
container,
                                                 GtkWidget * child,
                                                 const gchar *
                                                 first_property_name,
                                                 va_list var_args);
extern GType gtk_container_child_type(GtkContainer * container);
extern                                                    GParamSpec
*gtk_container_class_find_child_property(GObjectClass *
                                                                cclass
,
                                                                 const
gchar *
                                                                proper
ty_name);
extern                                                      void
```

 © 2008 Linux Foundation

```
gtk_container_class_install_child_property(GtkContainerClass *
                                                        cclass,
                                                             guint
property_id,
                                                         GParamSpec
* pspec);
extern                                                    GParamSpec
**gtk_container_class_list_child_properties(GObjectClass
                                                                 *
cclass,
                                                               gui
nt *
                                                               n_p
roperties);
extern void gtk_container_forall(GtkContainer * container,
                                 GtkCallback callback,
                                 gpointer callback_data);
extern void gtk_container_foreach(GtkContainer * container,
                                  GtkCallback callback,
                                  gpointer callback_data);
extern   guint   gtk_container_get_border_width(GtkContainer   *
container);
extern    GList    *gtk_container_get_children(GtkContainer    *
container);
extern   gboolean   gtk_container_get_focus_chain(GtkContainer   *
container,
                                                        GList *
*focusable_widgets);
extern                                               GtkAdjustment
*gtk_container_get_focus_hadjustment(GtkContainer *
                                                        contain
er);
extern                                               GtkAdjustment
*gtk_container_get_focus_vadjustment(GtkContainer *
                                                        contain
er);
extern GtkResizeMode gtk_container_get_resize_mode(GtkContainer *
                                                     container);
extern GType gtk_container_get_type(void);
extern    void    gtk_container_propagate_expose(GtkContainer    *
container,
                                           GtkWidget * child,
                                                 GdkEventExpose *
event);
extern void gtk_container_remove(GtkContainer * container,
                                 GtkWidget * widget);
extern    void    gtk_container_resize_children(GtkContainer    *
container);
extern    void    gtk_container_set_border_width(GtkContainer    *
container,
                                           guint border_width);
extern    void    gtk_container_set_focus_chain(GtkContainer    *
container,
                                                        GList *
focusable_widgets);
extern    void    gtk_container_set_focus_child(GtkContainer    *
container,
                                          GtkWidget * child);
extern  void  gtk_container_set_focus_hadjustment(GtkContainer  *
container,
                                                  GtkAdjustment *
                                                  adjustment);
extern  void  gtk_container_set_focus_vadjustment(GtkContainer  *
container,
                                                  GtkAdjustment *
                                                  adjustment);
```

```
extern  void  gtk_container_set_reallocate_redraws(GtkContainer  *
container,
                                                   gboolean
needs_redraws);
extern    void    gtk_container_set_resize_mode(GtkContainer    *
container,
                                                  GtkResizeMode
resize_mode);
extern   void   gtk_container_unset_focus_chain(GtkContainer   *
container);
extern GType gtk_corner_type_get_type(void);
extern GType gtk_curve_get_type(void);
extern void gtk_curve_get_vector(GtkCurve * curve, int veclen,
                                 gfloat * vector);
extern GtkWidget *gtk_curve_new(void);
extern void gtk_curve_reset(GtkCurve * curve);
extern    void    gtk_curve_set_curve_type(GtkCurve    *    curve,
GtkCurveType type);
extern void gtk_curve_set_gamma(GtkCurve * curve, gfloat gamma_);
extern void gtk_curve_set_range(GtkCurve * curve, gfloat min_x,
                                gfloat max_x, gfloat min_y,
gfloat max_y);
extern void gtk_curve_set_vector(GtkCurve * curve, int veclen,
                                 gfloat * vector);
extern GType gtk_curve_type_get_type(void);
extern GType gtk_debug_flag_get_type(void);
extern guint gtk_debug_flags;
extern GType gtk_delete_type_get_type(void);
extern GType gtk_dest_defaults_get_type(void);
extern void gtk_dialog_add_action_widget(GtkDialog * dialog,
                                         GtkWidget * child,
                                         gint response_id);
extern GtkWidget *gtk_dialog_add_button(GtkDialog * dialog,
                                                  const gchar *
button_text,
                                        gint response_id);
extern void gtk_dialog_add_buttons(GtkDialog * dialog,
                                                  const gchar *
first_button_text, ...);
extern GType gtk_dialog_flags_get_type(void);
extern gboolean gtk_dialog_get_has_separator(GtkDialog * dialog);
extern   gint   gtk_dialog_get_response_for_widget(GtkDialog   *
dialog,
                                                    GtkWidget *
widget);
extern GType gtk_dialog_get_type(void);
extern GtkWidget *gtk_dialog_new(void);
extern  GtkWidget  *gtk_dialog_new_with_buttons(const  gchar  *
title,
                                               GtkWindow * parent,
                                                    GtkDialogFlags
flags,
                                               const gchar *
                                                first_button_text,
...);
extern  void  gtk_dialog_response(GtkDialog  *  dialog,  gint
response_id);
extern gint gtk_dialog_run(GtkDialog * dialog);
extern  void  gtk_dialog_set_alternative_button_order(GtkDialog  *
dialog,
                                                                gint
first_response_id,
                                                          ...);
extern                                                          void
gtk_dialog_set_alternative_button_order_from_array(GtkDialog *
                                                             di
```

 © 2008 Linux Foundation

```
alog,
                                                                gi
nt
                                                                n_
params,
                                                                gi
nt *
                                                                ne
w_order);
extern void gtk_dialog_set_default_response(GtkDialog * dialog,
                                            gint response_id);
extern void gtk_dialog_set_has_separator(GtkDialog * dialog,
                                         gboolean setting);
extern void gtk_dialog_set_response_sensitive(GtkDialog * dialog,
                                              gint response_id,
                                              gboolean setting);
extern GType gtk_direction_type_get_type(void);
extern void gtk_disable_setlocale(void);
extern GdkDragContext *gtk_drag_begin(GtkWidget * widget,
                                      GtkTargetList * targets,
                                       GdkDragAction actions, gint
button,
                                      GdkEvent * event);
extern gboolean gtk_drag_check_threshold(GtkWidget * widget, gint
start_x,
                                                 gint start_y, gint
current_x,
                                         gint current_y);
extern void gtk_drag_dest_add_image_targets(GtkWidget * widget);
extern void gtk_drag_dest_add_text_targets(GtkWidget * widget);
extern void gtk_drag_dest_add_uri_targets(GtkWidget * widget);
extern GdkAtom gtk_drag_dest_find_target(GtkWidget * widget,
                                                   GdkDragContext *
context,
                                                    GtkTargetList *
target_list);
extern  GtkTargetList  *gtk_drag_dest_get_target_list(GtkWidget  *
widget);
extern void gtk_drag_dest_set(GtkWidget * widget, GtkDestDefaults
flags,
                              const GtkTargetEntry * targets,
                                    gint n_targets, GdkDragAction
actions);
extern void gtk_drag_dest_set_proxy(GtkWidget * widget,
                                    GdkWindow * proxy_window,
                                    GdkDragProtocol protocol,
                                    gboolean use_coordinates);
extern void gtk_drag_dest_set_target_list(GtkWidget * widget,
                                                    GtkTargetList *
target_list);
extern void gtk_drag_dest_unset(GtkWidget * widget);
extern  void  gtk_drag_finish(GdkDragContext  *  context,  gboolean
success,
                              gboolean del, guint32 time_);
extern void gtk_drag_get_data(GtkWidget * widget, GdkDragContext
* context,
                              GdkAtom target, guint32 time_);
extern   GtkWidget   *gtk_drag_get_source_widget(GdkDragContext   *
context);
extern void gtk_drag_highlight(GtkWidget * widget);
extern void gtk_drag_set_icon_default(GdkDragContext * context);
extern void gtk_drag_set_icon_name(GdkDragContext * context,
                                   const gchar * icon_name, gint
hot_x,
                                  gint hot_y);
extern void gtk_drag_set_icon_pixbuf(GdkDragContext * context,
```

```
                                          GdkPixbuf * pixbuf, gint
hot_x,
                                      gint hot_y);
extern void gtk_drag_set_icon_pixmap(GdkDragContext * context,
                                      GdkColormap * colormap,
                                               GdkPixmap * pixmap,
GdkBitmap * mask,
                                      gint hot_x, gint hot_y);
extern void gtk_drag_set_icon_stock(GdkDragContext * context,
                                      const gchar * stock_id, gint
hot_x,
                                     gint hot_y);
extern void gtk_drag_set_icon_widget(GdkDragContext * context,
                                          GtkWidget * widget, gint
hot_x,
                                      gint hot_y);
extern    void    gtk_drag_source_add_image_targets(GtkWidget    *
widget);
extern void gtk_drag_source_add_text_targets(GtkWidget * widget);
extern void gtk_drag_source_add_uri_targets(GtkWidget * widget);
extern GtkTargetList *gtk_drag_source_get_target_list(GtkWidget *
widget);
extern void gtk_drag_source_set(GtkWidget * widget,
                                                    GdkModifierType
start_button_mask,
                                const GtkTargetEntry * targets,
                                    gint n_targets, GdkDragAction
actions);
extern void gtk_drag_source_set_icon(GtkWidget * widget,
                                      GdkColormap * colormap,
                                               GdkPixmap * pixmap,
GdkBitmap * mask);
extern void gtk_drag_source_set_icon_name(GtkWidget * widget,
                                                     const gchar *
icon_name);
extern void gtk_drag_source_set_icon_pixbuf(GtkWidget * widget,
                                             GdkPixbuf * pixbuf);
extern void gtk_drag_source_set_icon_stock(GtkWidget * widget,
                                                     const gchar *
stock_id);
extern void gtk_drag_source_set_target_list(GtkWidget * widget,
                                                    GtkTargetList *
target_list);
extern void gtk_drag_source_unset(GtkWidget * widget);
extern void gtk_drag_unhighlight(GtkWidget * widget);
extern void gtk_draw_insertion_cursor(GtkWidget * widget,
                                      GdkDrawable * drawable,
                                      GdkRectangle * area,
                                      GdkRectangle * location,
                                      gboolean is_primary,
                                      GtkTextDirection direction,
                                      gboolean draw_arrow);
extern GType gtk_drawing_area_get_type(void);
extern GtkWidget *gtk_drawing_area_new(void);
extern void gtk_editable_copy_clipboard(GtkEditable * editable);
extern void gtk_editable_cut_clipboard(GtkEditable * editable);
extern    void    gtk_editable_delete_selection(GtkEditable    *
editable);
extern void gtk_editable_delete_text(GtkEditable * editable,
                                                    gint start_pos, gint
end_pos);
extern gchar *gtk_editable_get_chars(GtkEditable * editable,
                                                    gint start_pos, gint
end_pos);
extern    gboolean    gtk_editable_get_editable(GtkEditable    *
editable);
```

 © 2008 Linux Foundation

```
extern gint gtk_editable_get_position(GtkEditable * editable);
extern  gboolean  gtk_editable_get_selection_bounds(GtkEditable  *
editable,
                                                    gint * start,
                                                    gint * end);
extern GType gtk_editable_get_type(void);
extern void gtk_editable_insert_text(GtkEditable * editable,
                                     const gchar * new_text,
                                     gint new_text_length,
                                     gint * position);
extern void gtk_editable_paste_clipboard(GtkEditable * editable);
extern  void  gtk_editable_select_region(GtkEditable  *  editable,
gint start,
                                         gint end);
extern void gtk_editable_set_editable(GtkEditable * editable,
                                      gboolean is_editable);
extern void gtk_editable_set_position(GtkEditable * editable,
                                      gint position);
extern  void  gtk_entry_completion_complete(GtkEntryCompletion  *
completion);
extern  void  gtk_entry_completion_delete_action(GtkEntryCompletion
*
                                                 completion, gint
index_);
extern                                                    GtkWidget
*gtk_entry_completion_get_entry(GtkEntryCompletion *
                                                   completion);
extern gboolean
gtk_entry_completion_get_inline_completion(GtkEntryCompletion *
                                           completion);
extern                                                       gint
gtk_entry_completion_get_minimum_key_length(GtkEntryCompletion
                                                             *
completion);
extern                                              GtkTreeModel
*gtk_entry_completion_get_model(GtkEntryCompletion *
                                                 completion);
extern gboolean
gtk_entry_completion_get_popup_completion(GtkEntryCompletion    *
completion);
extern                                                    gboolean
gtk_entry_completion_get_popup_set_width(GtkEntryCompletion
                                                           *
completion);
extern gboolean
gtk_entry_completion_get_popup_single_match(GtkEntryCompletion *
                                            completion);
extern                                                       gint
gtk_entry_completion_get_text_column(GtkEntryCompletion *
                                                   completion);
extern GType gtk_entry_completion_get_type(void);
extern                                                       void
gtk_entry_completion_insert_action_markup(GtkEntryCompletion *
                                                     completion,
                                                            gint
index_,
                                                      const gchar
*
                                                     markup);
extern                                                       void
gtk_entry_completion_insert_action_text(GtkEntryCompletion *
                                                    completion,
                                                    gint index_,
                                                     const gchar *
text);
extern  void  gtk_entry_completion_insert_prefix(GtkEntryCompletion
```

```
*
                                                    completion);
extern GtkEntryCompletion *gtk_entry_completion_new(void);
extern                                                          void
gtk_entry_completion_set_inline_completion(GtkEntryCompletion *
                                                                completion
,
                                                               gboolean
                                                                inline_com
pletion);
extern                                                          void
gtk_entry_completion_set_match_func(GtkEntryCompletion *
                                                   completion,
                                                    GtkEntryCompletio
nMatchFunc
                                                       func, gpointer
func_data,
                                                   GDestroyNotify
                                                   func_notify);
extern                                                          void
gtk_entry_completion_set_minimum_key_length(GtkEntryCompletion
                                                                  *
completion,
                                                                gint
length);
extern  void  gtk_entry_completion_set_model(GtkEntryCompletion  *
completion,
                                            GtkTreeModel * model);
extern                                                          void
gtk_entry_completion_set_popup_completion(GtkEntryCompletion *
                                                              completion,
                                                              gboolean
                                                               popup_compl
etion);
extern                                                          void
gtk_entry_completion_set_popup_set_width(GtkEntryCompletion *
                                                             completion,
                                                             gboolean
                                                              popup_set_wi
dth);
extern                                                          void
gtk_entry_completion_set_popup_single_match(GtkEntryCompletion
                                                                  *
completion,
                                                               gboolean
                                                                popup_sin
gle_match);
extern                                                          void
gtk_entry_completion_set_text_column(GtkEntryCompletion *
                                                       completion, gint
column);
extern   gboolean   gtk_entry_get_activates_default(GtkEntry   *
entry);
extern gfloat gtk_entry_get_alignment(GtkEntry * entry);
extern  GtkEntryCompletion  *gtk_entry_get_completion(GtkEntry  *
entry);
extern gboolean gtk_entry_get_has_frame(GtkEntry * entry);
extern gunichar gtk_entry_get_invisible_char(GtkEntry * entry);
extern PangoLayout *gtk_entry_get_layout(GtkEntry * entry);
extern void gtk_entry_get_layout_offsets(GtkEntry * entry, gint *
x,
                                         gint * y);
extern gint gtk_entry_get_max_length(GtkEntry * entry);
extern const gchar *gtk_entry_get_text(GtkEntry * entry);
extern GType gtk_entry_get_type(void);
extern gboolean gtk_entry_get_visibility(GtkEntry * entry);
```

 © 2008 Linux Foundation

```
extern gint gtk_entry_get_width_chars(GtkEntry * entry);
extern   gint   gtk_entry_layout_index_to_text_index(GtkEntry   *
entry,
                                                              gint
layout_index);
extern GtkWidget *gtk_entry_new(void);
extern void gtk_entry_set_activates_default(GtkEntry * entry,
                                            gboolean setting);
extern  void  gtk_entry_set_alignment(GtkEntry  *  entry,  gfloat
xalign);
extern void gtk_entry_set_completion(GtkEntry * entry,
                                             GtkEntryCompletion *
completion);
extern  void  gtk_entry_set_has_frame(GtkEntry  *  entry,  gboolean
setting);
extern   void   gtk_entry_set_invisible_char(GtkEntry   *   entry,
gunichar ch);
extern void gtk_entry_set_max_length(GtkEntry * entry, gint max);
extern  void gtk_entry_set_text(GtkEntry * entry, const gchar *
text);
extern  void gtk_entry_set_visibility(GtkEntry  *  entry,  gboolean
visible);
extern  void  gtk_entry_set_width_chars(GtkEntry  *  entry,  gint
n_chars);
extern   gint   gtk_entry_text_index_to_layout_index(GtkEntry   *
entry,
                                                              gint
text_index);
extern   gboolean   gtk_event_box_get_above_child(GtkEventBox   *
event_box);
extern GType gtk_event_box_get_type(void);
extern  gboolean  gtk_event_box_get_visible_window(GtkEventBox  *
event_box);
extern GtkWidget *gtk_event_box_new(void);
extern    void    gtk_event_box_set_above_child(GtkEventBox    *
event_box,
                                                gboolean above_child);
extern   void   gtk_event_box_set_visible_window(GtkEventBox   *
event_box,
                                                            gboolean
visible_window);
extern gboolean gtk_events_pending(void);
extern    gboolean    gtk_expander_get_expanded(GtkExpander    *
expander);
extern   const   char   *gtk_expander_get_label(GtkExpander   *
expander);
extern  GtkWidget  *gtk_expander_get_label_widget(GtkExpander  *
expander);
extern gint gtk_expander_get_spacing(GtkExpander * expander);
extern GType gtk_expander_get_type(void);
extern    gboolean    gtk_expander_get_use_markup(GtkExpander    *
expander);
extern   gboolean   gtk_expander_get_use_underline(GtkExpander   *
expander);
extern GtkWidget *gtk_expander_new(const gchar * label);
extern  GtkWidget  *gtk_expander_new_with_mnemonic(const  gchar  *
label);
extern void gtk_expander_set_expanded(GtkExpander * expander,
                                      gboolean expanded);
extern void gtk_expander_set_label(GtkExpander * expander,
                                   const gchar * label);
extern void gtk_expander_set_label_widget(GtkExpander * expander,
                                                       GtkWidget *
label_widget);
extern void gtk_expander_set_spacing(GtkExpander * expander, gint
spacing);
```

```
extern void gtk_expander_set_use_markup(GtkExpander * expander,
                                        gboolean use_markup);
extern    void    gtk_expander_set_use_underline(GtkExpander    *
expander,
                                                 gboolean
use_underline);
extern GType gtk_expander_style_get_type(void);
extern gboolean gtk_false(void);
extern GType gtk_file_chooser_action_get_type(void);
extern void gtk_file_chooser_add_filter(GtkFileChooser * chooser,
                                        GtkFileFilter * filter);
extern                                                  gboolean
gtk_file_chooser_add_shortcut_folder(GtkFileChooser *
                                                    chooser,
                                                      const char
*folder,
                                                       GError *
*error);
extern                                                  gboolean
gtk_file_chooser_add_shortcut_folder_uri(GtkFileChooser *
                                                     chooser,
                                                        const
char *uri,
                                                       GError *
*error);
extern                          const                       gchar
*gtk_file_chooser_button_get_title(GtkFileChooserButton
                                                      * button);
extern GType gtk_file_chooser_button_get_type(void);
extern                                                   gint
gtk_file_chooser_button_get_width_chars(GtkFileChooserButton *
                                                    button);
extern   GtkWidget   *gtk_file_chooser_button_new(const   gchar   *
title,
                                                GtkFileChooserActio
n action);
extern  GtkWidget  *gtk_file_chooser_button_new_with_backend(const
gchar *
                                                       title,
                                                       GtkFil
eChooserAction
                                                       action
,
                                                        const
gchar *
                                                       backen
d);
extern                                                 GtkWidget
*gtk_file_chooser_button_new_with_dialog(GtkWidget *
                                                        dialog)
;
extern                                                    void
gtk_file_chooser_button_set_title(GtkFileChooserButton *
                                                 button, const gchar
* title);
extern                                                    void
gtk_file_chooser_button_set_width_chars(GtkFileChooserButton *
                                                   button, gint
n_chars);
extern GType gtk_file_chooser_dialog_get_type(void);
extern   GtkWidget   *gtk_file_chooser_dialog_new(const   gchar   *
title,
                                                GtkWindow * parent,
                                                 GtkFileChooserActio
n action,
                                                const gchar *
```

 © 2008 Linux Foundation

```
                                                first_button_text,
...);
extern  GtkWidget  *gtk_file_chooser_dialog_new_with_backend(const
gchar *
                                                              title,
                                                              GtkWin
dow *
                                                              parent
,
                                                              GtkFil
eChooserAction
                                                              action
,
                                                               const
gchar *
                                                              backen
d,
                                                               const
gchar *
                                                              first_
button_text,
                                                              ...);
extern GType gtk_file_chooser_error_get_type(void);
extern GQuark gtk_file_chooser_error_quark(void);
extern                                          GtkFileChooserAction
gtk_file_chooser_get_action(GtkFileChooser *
                                                          chooser);
extern  gchar  *gtk_file_chooser_get_current_folder(GtkFileChooser
*
                                                 chooser);
extern                                                    gchar
*gtk_file_chooser_get_current_folder_uri(GtkFileChooser *
                                                       chooser);
extern gboolean
gtk_file_chooser_get_do_overwrite_confirmation(GtkFileChooser    *
chooser);
extern                                                  GtkWidget
*gtk_file_chooser_get_extra_widget(GtkFileChooser *
                                                    chooser);
extern   gchar   *gtk_file_chooser_get_filename(GtkFileChooser   *
chooser);
extern  GSList  *gtk_file_chooser_get_filenames(GtkFileChooser  *
chooser);
extern  GtkFileFilter  *gtk_file_chooser_get_filter(GtkFileChooser
*
                                                 chooser);
extern  gboolean  gtk_file_chooser_get_local_only(GtkFileChooser  *
chooser);
extern  char  *gtk_file_chooser_get_preview_filename(GtkFileChooser
*
                                                   chooser);
extern  char  *gtk_file_chooser_get_preview_uri(GtkFileChooser  *
chooser);
extern                                                  GtkWidget
*gtk_file_chooser_get_preview_widget(GtkFileChooser *
                                                       chooser);
extern                                                     gboolean
gtk_file_chooser_get_preview_widget_active(GtkFileChooser *
                                                        choose
r);
extern                                                    gboolean
gtk_file_chooser_get_select_multiple(GtkFileChooser *
                                                     chooser);
extern gboolean gtk_file_chooser_get_show_hidden(GtkFileChooser *
chooser);
extern GType gtk_file_chooser_get_type(void);
```

```
extern gchar *gtk_file_chooser_get_uri(GtkFileChooser * chooser);
extern    GSList    *gtk_file_chooser_get_uris(GtkFileChooser    *
chooser);
extern                                                    gboolean
gtk_file_chooser_get_use_preview_label(GtkFileChooser *
                                                         chooser);
extern   GSList   *gtk_file_chooser_list_filters(GtkFileChooser   *
chooser);
extern                                                     GSList
*gtk_file_chooser_list_shortcut_folder_uris(GtkFileChooser *
                                                          chooser
);
extern                                                     GSList
*gtk_file_chooser_list_shortcut_folders(GtkFileChooser *
                                                       chooser);
extern   void   gtk_file_chooser_remove_filter(GtkFileChooser   *
chooser,
                                                  GtkFileFilter *
filter);
extern                                                    gboolean
gtk_file_chooser_remove_shortcut_folder(GtkFileChooser *
                                                         chooser,
                                                              const
char *folder,
                                                           GError *
*error);
extern                                                    gboolean
gtk_file_chooser_remove_shortcut_folder_uri(GtkFileChooser
                                                                 *
chooser,
                                                              const
char
                                                             *uri,
                                                              GErro
r *
                                                              *erro
r);
extern    void    gtk_file_chooser_select_all(GtkFileChooser    *
chooser);
extern gboolean gtk_file_chooser_select_filename(GtkFileChooser *
chooser,
                                                    const gchar *
filename);
extern   gboolean   gtk_file_chooser_select_uri(GtkFileChooser   *
chooser,
                                               const char *uri);
extern void gtk_file_chooser_set_action(GtkFileChooser * chooser,
                                         GtkFileChooserAction
action);
extern                                                    gboolean
gtk_file_chooser_set_current_folder(GtkFileChooser *
                                                   chooser,
                                                   const gchar *
                                                   filename);
extern                                                         gboolean
gtk_file_chooser_set_current_folder_uri(GtkFileChooser *
                                                         chooser,
                                                              const
gchar * uri);
extern  void  gtk_file_chooser_set_current_name(GtkFileChooser  *
chooser,
                                                    const gchar *
name);
extern                                                       void
gtk_file_chooser_set_do_overwrite_confirmation(GtkFileChooser *
                                                           choose
```

 © 2008 Linux Foundation

```
r,
                                                                gboole
an
                                                                do_ove
rwrite_confirmation);
extern  void  gtk_file_chooser_set_extra_widget(GtkFileChooser  *
chooser,
                                                          GtkWidget *
extra_widget);
extern  gboolean  gtk_file_chooser_set_filename(GtkFileChooser  *
chooser,
                                                       const gchar *
filename);
extern void gtk_file_chooser_set_filter(GtkFileChooser * chooser,
                                        GtkFileFilter * filter);
extern   void   gtk_file_chooser_set_local_only(GtkFileChooser   *
chooser,
                                                gboolean local_only);
extern  void  gtk_file_chooser_set_preview_widget(GtkFileChooser  *
chooser,
                                                  GtkWidget *
                                                  preview_widget);
extern                                                        void
gtk_file_chooser_set_preview_widget_active(GtkFileChooser *
                                                            chooser,
                                                              gboolean
active);
extern void gtk_file_chooser_set_select_multiple(GtkFileChooser *
chooser,
                                                                gboolean
select_multiple);
extern   void   gtk_file_chooser_set_show_hidden(GtkFileChooser   *
chooser,
                                                                gboolean
show_hidden);
extern    gboolean    gtk_file_chooser_set_uri(GtkFileChooser    *
chooser,
                                             const char *uri);
extern  void  gtk_file_chooser_set_use_preview_label(GtkFileChooser
*
                                                    chooser,
                                                           gboolean
use_label);
extern    void    gtk_file_chooser_unselect_all(GtkFileChooser    *
chooser);
extern  void  gtk_file_chooser_unselect_filename(GtkFileChooser  *
chooser,
                                                             const char
*filename);
extern    void    gtk_file_chooser_unselect_uri(GtkFileChooser    *
chooser,
                                              const char *uri);
extern GType gtk_file_chooser_widget_get_type(void);
extern                                                  GtkWidget
*gtk_file_chooser_widget_new(GtkFileChooserAction action);
extern GtkWidget
     *gtk_file_chooser_widget_new_with_backend(GtkFileChooserActio
n action,
                                                          const gchar *
backend);
extern void gtk_file_filter_add_custom(GtkFileFilter * filter,
                                       GtkFileFilterFlags needed,
                                       GtkFileFilterFunc func,
                                       gpointer data,
                                       GDestroyNotify notify);
extern void gtk_file_filter_add_mime_type(GtkFileFilter * filter,
```

```
                                                        const gchar *
mime_type);
extern void gtk_file_filter_add_pattern(GtkFileFilter * filter,
                                        const gchar * pattern);
extern  void  gtk_file_filter_add_pixbuf_formats(GtkFileFilter  *
filter);
extern gboolean gtk_file_filter_filter(GtkFileFilter * filter,
                                       const GtkFileFilterInfo *
                                       filter_info);
extern GType gtk_file_filter_flags_get_type(void);
extern  const  gchar  *gtk_file_filter_get_name(GtkFileFilter  *
filter);
extern                                          GtkFileFilterFlags
gtk_file_filter_get_needed(GtkFileFilter *
                                                         filter);
extern GType gtk_file_filter_get_type(void);
extern GtkFileFilter *gtk_file_filter_new(void);
extern void gtk_file_filter_set_name(GtkFileFilter * filter,
                                     const gchar * name);
extern   void   gtk_file_selection_complete(GtkFileSelection   *
filesel,
                                        const gchar * pattern);
extern                          const                          gchar
*gtk_file_selection_get_filename(GtkFileSelection *
                                                       filesel);
extern                                                    gboolean
gtk_file_selection_get_select_multiple(GtkFileSelection *
                                                          filesel);
extern  gchar  **gtk_file_selection_get_selections(GtkFileSelection
*
                                                     filesel);
extern GType gtk_file_selection_get_type(void);
extern                                                        void
gtk_file_selection_hide_fileop_buttons(GtkFileSelection *
                                                       filesel);
extern GtkWidget *gtk_file_selection_new(const gchar * title);
extern  void  gtk_file_selection_set_filename(GtkFileSelection  *
filesel,
                                                        const gchar *
filename);
extern                                                        void
gtk_file_selection_set_select_multiple(GtkFileSelection *
                                                       filesel,
                                                       gboolean
                                                        select_multipl
e);
extern                                                        void
gtk_file_selection_show_fileop_buttons(GtkFileSelection *
                                                       filesel);
extern gboolean gtk_fixed_get_has_window(GtkFixed * fixed);
extern GType gtk_fixed_get_type(void);
extern void gtk_fixed_move(GtkFixed * fixed, GtkWidget * widget,
gint x,
                           gint y);
extern GtkWidget *gtk_fixed_new(void);
extern void gtk_fixed_put(GtkFixed * fixed, GtkWidget * widget,
gint x,
                          gint y);
extern void gtk_fixed_set_has_window(GtkFixed * fixed,
                                     gboolean has_window);
extern const gchar *gtk_font_button_get_font_name(GtkFontButton *
                                                    font_button);
extern  gboolean  gtk_font_button_get_show_size(GtkFontButton  *
font_button);
extern gboolean gtk_font_button_get_show_style(GtkFontButton *
                                               font_button);
```

 © 2008 Linux Foundation

```
extern const gchar *gtk_font_button_get_title(GtkFontButton *
font_button);
extern GType gtk_font_button_get_type(void);
extern gboolean gtk_font_button_get_use_font(GtkFontButton *
font_button);
extern gboolean gtk_font_button_get_use_size(GtkFontButton *
font_button);
extern GtkWidget *gtk_font_button_new(void);
extern GtkWidget *gtk_font_button_new_with_font(const gchar *
fontname);
extern gboolean gtk_font_button_set_font_name(GtkFontButton *
font_button,
                                              const gchar *
fontname);
extern void gtk_font_button_set_show_size(GtkFontButton *
font_button,
                                          gboolean show_size);
extern void gtk_font_button_set_show_style(GtkFontButton *
font_button,
                                           gboolean show_style);
extern void gtk_font_button_set_title(GtkFontButton *
font_button,
                                      const gchar * title);
extern void gtk_font_button_set_use_font(GtkFontButton *
font_button,
                                         gboolean use_font);
extern void gtk_font_button_set_use_size(GtkFontButton *
font_button,
                                         gboolean use_size);
extern gchar
    *gtk_font_selection_dialog_get_font_name(GtkFontSelectionDial
og * fsd);
extern const gchar
    *gtk_font_selection_dialog_get_preview_text(GtkFontSelectionD
ialog *
                                                fsd);
extern GType gtk_font_selection_dialog_get_type(void);
extern GtkWidget *gtk_font_selection_dialog_new(const gchar *
title);
extern gboolean
gtk_font_selection_dialog_set_font_name(GtkFontSelectionDialog *
fsd,
                                        const gchar * fontname);
extern void
gtk_font_selection_dialog_set_preview_text(GtkFontSelectionDialog
* fsd,
                                           const gchar * text);
extern gchar *gtk_font_selection_get_font_name(GtkFontSelection *
fontsel);
extern                          const                          gchar
*gtk_font_selection_get_preview_text(GtkFontSelection *
                                                          fontsel);
extern GType gtk_font_selection_get_type(void);
extern GtkWidget *gtk_font_selection_new(void);
extern gboolean gtk_font_selection_set_font_name(GtkFontSelection
*
                                                 fontsel,
                                                    const gchar *
fontname);
extern void gtk_font_selection_set_preview_text(GtkFontSelection
* fontsel,
                                                    const gchar *
text);
extern const gchar *gtk_frame_get_label(GtkFrame * frame);
extern void gtk_frame_get_label_align(GtkFrame * frame, gfloat *
xalign,
```

```
                                        gfloat * yalign);
extern GtkWidget *gtk_frame_get_label_widget(GtkFrame * frame);
extern GtkShadowType gtk_frame_get_shadow_type(GtkFrame * frame);
extern GType gtk_frame_get_type(void);
extern GtkWidget *gtk_frame_new(const gchar * label);
extern void gtk_frame_set_label(GtkFrame * frame, const gchar *
label);
extern void gtk_frame_set_label_align(GtkFrame * frame, gfloat
xalign,
                                        gfloat yalign);
extern void gtk_frame_set_label_widget(GtkFrame * frame,
                                         GtkWidget * label_widget);
extern void gtk_frame_set_shadow_type(GtkFrame * frame,
                                        GtkShadowType type);
extern GType gtk_gamma_curve_get_type(void);
extern GtkWidget *gtk_gamma_curve_new(void);
extern GdkGC *gtk_gc_get(gint depth, GdkColormap * colormap,
                         GdkGCValues * values,
                         GdkGCValuesMask values_mask);
extern void gtk_gc_release(GdkGC * gc);
extern GdkEvent *gtk_get_current_event(void);
extern gboolean gtk_get_current_event_state(GdkModifierType *
state);
extern guint32 gtk_get_current_event_time(void);
extern PangoLanguage *gtk_get_default_language(void);
extern GtkWidget *gtk_get_event_widget(GdkEvent * event);
extern         GOptionGroup         *gtk_get_option_group(gboolean
open_default_display);
extern void gtk_grab_add(GtkWidget * widget);
extern GtkWidget *gtk_grab_get_current(void);
extern void gtk_grab_remove(GtkWidget * widget);
extern                                                  GtkPositionType
gtk_handle_box_get_handle_position(GtkHandleBox *
                                                                handle_
box);
extern GtkShadowType gtk_handle_box_get_shadow_type(GtkHandleBox
*
                                                    handle_box);
extern GtkPositionType gtk_handle_box_get_snap_edge(GtkHandleBox
*
                                                    handle_box);
extern GType gtk_handle_box_get_type(void);
extern GtkWidget *gtk_handle_box_new(void);
extern void gtk_handle_box_set_handle_position(GtkHandleBox *
handle_box,
                                                  GtkPositionType
position);
extern void gtk_handle_box_set_shadow_type(GtkHandleBox *
handle_box,
                                             GtkShadowType type);
extern void gtk_handle_box_set_snap_edge(GtkHandleBox *
handle_box,
                                           GtkPositionType edge);
extern GType gtk_hbox_get_type(void);
extern GtkWidget *gtk_hbox_new(gboolean homogeneous, gint
spacing);
extern GType gtk_hbutton_box_get_type(void);
extern GtkWidget *gtk_hbutton_box_new(void);
extern GType gtk_hpaned_get_type(void);
extern GtkWidget *gtk_hpaned_new(void);
extern GType gtk_hruler_get_type(void);
extern GtkWidget *gtk_hruler_new(void);
extern GType gtk_hscale_get_type(void);
extern GtkWidget *gtk_hscale_new(GtkAdjustment * adjustment);
extern GtkWidget *gtk_hscale_new_with_range(gdouble min, gdouble
max,
```

 © 2008 Linux Foundation

```
                                            gdouble step);
extern GType gtk_hscrollbar_get_type(void);
extern GtkWidget *gtk_hscrollbar_new(GtkAdjustment * adjustment);
extern GType gtk_hseparator_get_type(void);
extern GtkWidget *gtk_hseparator_new(void);
extern void gtk_icon_factory_add(GtkIconFactory * factory,
                                 const gchar * stock_id,
                                 GtkIconSet * icon_set);
extern    void    gtk_icon_factory_add_default(GtkIconFactory    *
factory);
extern GType gtk_icon_factory_get_type(void);
extern   GtkIconSet   *gtk_icon_factory_lookup(GtkIconFactory   *
factory,
                                                const gchar *
stock_id);
extern GtkIconSet *gtk_icon_factory_lookup_default(const gchar *
stock_id);
extern GtkIconFactory *gtk_icon_factory_new(void);
extern   void   gtk_icon_factory_remove_default(GtkIconFactory   *
factory);
extern GtkIconInfo *gtk_icon_info_copy(GtkIconInfo * icon_info);
extern void gtk_icon_info_free(GtkIconInfo * icon_info);
extern   gboolean   gtk_icon_info_get_attach_points(GtkIconInfo   *
icon_info,
                                                    GdkPoint *
*points,
                                                gint * n_points);
extern gint gtk_icon_info_get_base_size(GtkIconInfo * icon_info);
extern GdkPixbuf *gtk_icon_info_get_builtin_pixbuf(GtkIconInfo *
                                                   icon_info);
extern const gchar *gtk_icon_info_get_display_name(GtkIconInfo *
                                                   icon_info);
extern   gboolean   gtk_icon_info_get_embedded_rect(GtkIconInfo   *
icon_info,
                                                    GdkRectangle *
rectangle);
extern   const   gchar   *gtk_icon_info_get_filename(GtkIconInfo   *
icon_info);
extern GType gtk_icon_info_get_type(void);
extern     GdkPixbuf     *gtk_icon_info_load_icon(GtkIconInfo     *
icon_info,
                                            GError * *error);
extern   void   gtk_icon_info_set_raw_coordinates(GtkIconInfo   *
icon_info,
                                                  gboolean
raw_coordinates);
extern GType gtk_icon_lookup_flags_get_type(void);
extern void gtk_icon_set_add_source(GtkIconSet * icon_set,
                                    const GtkIconSource *
source);
extern GtkIconSet *gtk_icon_set_copy(GtkIconSet * icon_set);
extern void gtk_icon_set_get_sizes(GtkIconSet * icon_set,
                                   GtkIconSize * *sizes, gint *
n_sizes);
extern GType gtk_icon_set_get_type(void);
extern GtkIconSet *gtk_icon_set_new(void);
extern   GtkIconSet   *gtk_icon_set_new_from_pixbuf(GdkPixbuf   *
pixbuf);
extern GtkIconSet *gtk_icon_set_ref(GtkIconSet * icon_set);
extern GdkPixbuf *gtk_icon_set_render_icon(GtkIconSet * icon_set,
                                           GtkStyle * style,
                                                  GtkTextDirection
direction,
                                           GtkStateType state,
                                           GtkIconSize size,
                                           GtkWidget * widget,
```

```
                                                const char *detail);
extern void gtk_icon_set_unref(GtkIconSet * icon_set);
extern GtkIconSize gtk_icon_size_from_name(const gchar * name);
extern const gchar *gtk_icon_size_get_name(GtkIconSize size);
extern GType gtk_icon_size_get_type(void);
extern  gboolean  gtk_icon_size_lookup(GtkIconSize  size,  gint  *
width,
                                       gint * height);
extern  gboolean  gtk_icon_size_lookup_for_settings(GtkSettings  *
settings,
                                                    GtkIconSize
size,
                                                    gint * width,
                                                    gint * height);
extern  GtkIconSize  gtk_icon_size_register(const  gchar  *  name,
gint width,
                                            gint height);
extern void gtk_icon_size_register_alias(const gchar * alias,
                                         GtkIconSize target);
extern GtkIconSource *gtk_icon_source_copy(const GtkIconSource *
source);
extern void gtk_icon_source_free(GtkIconSource * source);
extern    GtkTextDirection    gtk_icon_source_get_direction(const
GtkIconSource *
                                                          source);
extern gboolean gtk_icon_source_get_direction_wildcarded(const
                                                             GtkIconS
ource *
                                                           source);
extern     const     gchar     *gtk_icon_source_get_filename(const
GtkIconSource *
                                                         source);
extern    const    gchar    *gtk_icon_source_get_icon_name(const
GtkIconSource *
                                                         source);
extern  GdkPixbuf  *gtk_icon_source_get_pixbuf(const  GtkIconSource
* source);
extern GtkIconSize gtk_icon_source_get_size(const GtkIconSource *
source);
extern     gboolean     gtk_icon_source_get_size_wildcarded(const
GtkIconSource *
                                                           source);
extern GtkStateType gtk_icon_source_get_state(const GtkIconSource
*
                                              source);
extern     gboolean     gtk_icon_source_get_state_wildcarded(const
GtkIconSource *
                                                            source);
extern GType gtk_icon_source_get_type(void);
extern GtkIconSource *gtk_icon_source_new(void);
extern void gtk_icon_source_set_direction(GtkIconSource * source,
                                                          GtkTextDirection
direction);
extern                                                              void
gtk_icon_source_set_direction_wildcarded(GtkIconSource *
                                                            source,
                                                                gboolean
setting);
extern void gtk_icon_source_set_filename(GtkIconSource * source,
                                         const gchar * filename);
extern void gtk_icon_source_set_icon_name(GtkIconSource * source,
                                                            const gchar *
icon_name);
extern void gtk_icon_source_set_pixbuf(GtkIconSource * source,
                                       GdkPixbuf * pixbuf);
extern void gtk_icon_source_set_size(GtkIconSource * source,
```

 © 2008 Linux Foundation

```
                                        GtkIconSize size);
extern  void  gtk_icon_source_set_size_wildcarded(GtkIconSource  *
source,
                                                                gboolean
setting);
extern void gtk_icon_source_set_state(GtkIconSource * source,
                                      GtkStateType state);
extern  void  gtk_icon_source_set_state_wildcarded(GtkIconSource  *
source,
                                                                gboolean
setting);
extern   void   gtk_icon_theme_add_builtin_icon(const   gchar   *
icon_name,
                                                gint size, GdkPixbuf
* pixbuf);
extern   void   gtk_icon_theme_append_search_path(GtkIconTheme   *
icon_theme,
                                                        const gchar *
path);
extern GType gtk_icon_theme_error_get_type(void);
extern GQuark gtk_icon_theme_error_quark(void);
extern GtkIconTheme *gtk_icon_theme_get_default(void);
extern char *gtk_icon_theme_get_example_icon_name(GtkIconTheme *
                                                        icon_theme);
extern  GtkIconTheme  *gtk_icon_theme_get_for_screen(GdkScreen  *
screen);
extern    gint    *gtk_icon_theme_get_icon_sizes(GtkIconTheme    *
icon_theme,
                                                            const char
*icon_name);
extern    void    gtk_icon_theme_get_search_path(GtkIconTheme    *
icon_theme,
                                                gchar * **path,
                                                gint * n_elements);
extern GType gtk_icon_theme_get_type(void);
extern     gboolean     gtk_icon_theme_has_icon(GtkIconTheme     *
icon_theme,
                                               const char *icon_name);
extern     GList     *gtk_icon_theme_list_icons(GtkIconTheme     *
icon_theme,
                                               const char *context);
extern    GdkPixbuf    *gtk_icon_theme_load_icon(GtkIconTheme    *
icon_theme,
                                                        const gchar *
icon_name,
                                                gint size,
                                                     GtkIconLookupFlags
flags,
                                                GError * *error);
extern   GtkIconInfo   *gtk_icon_theme_lookup_icon(GtkIconTheme   *
icon_theme,
                                                        const gchar *
icon_name,
                                                   gint size,
                                                    GtkIconLookupFlags
flags);
extern GtkIconTheme *gtk_icon_theme_new(void);
extern   void   gtk_icon_theme_prepend_search_path(GtkIconTheme   *
icon_theme,
                                                        const gchar *
path);
extern  gboolean  gtk_icon_theme_rescan_if_needed(GtkIconTheme  *
icon_theme);
extern    void    gtk_icon_theme_set_custom_theme(GtkIconTheme    *
icon_theme,
                                                        const gchar *
```

```
theme_name);
extern void gtk_icon_theme_set_screen(GtkIconTheme * icon_theme,
                                      GdkScreen * screen);
extern    void    gtk_icon_theme_set_search_path(GtkIconTheme    *
icon_theme,
                                                 const gchar * *path,
                                                 gint n_elements);
extern  GdkPixmap  *gtk_icon_view_create_drag_icon(GtkIconView  *
icon_view,
                                                   GtkTreePath *
path);
extern  void  gtk_icon_view_enable_model_drag_dest(GtkIconView  *
icon_view,
                                                       const
GtkTargetEntry *
                                                   targets, gint
n_targets,
                                                   GdkDragAction
actions);
extern  void  gtk_icon_view_enable_model_drag_source(GtkIconView  *
icon_view,
                                                     GdkModifierTyp
e
                                                     start_button_m
ask,
                                                             const
GtkTargetEntry *
                                                     targets, gint
n_targets,
                                                     GdkDragAction
actions);
extern   gint   gtk_icon_view_get_column_spacing(GtkIconView   *
icon_view);
extern gint gtk_icon_view_get_columns(GtkIconView * icon_view);
extern gboolean gtk_icon_view_get_cursor(GtkIconView * icon_view,
                                         GtkTreePath * *path,
                                                GtkCellRenderer *
*cell);
extern  gboolean  gtk_icon_view_get_dest_item_at_pos(GtkIconView  *
icon_view,
                                                     gint drag_x,
                                                     gint drag_y,
                                                       GtkTreePath *
*path,
                                                     GtkIconViewDro
pPosition
                                                     * pos);
extern   void   gtk_icon_view_get_drag_dest_item(GtkIconView   *
icon_view,
                                                 GtkTreePath * *path,
                                                  GtkIconViewDropPosit
ion *
                                                 pos);
extern   gboolean   gtk_icon_view_get_item_at_pos(GtkIconView   *
icon_view,
                                                  gint x, gint y,
                                                        GtkTreePath *
*path,
                                                    GtkCellRenderer *
*cell);
extern    gint    gtk_icon_view_get_item_width(GtkIconView    *
icon_view);
extern gint gtk_icon_view_get_margin(GtkIconView * icon_view);
extern   gint   gtk_icon_view_get_markup_column(GtkIconView   *
icon_view);
extern   GtkTreeModel   *gtk_icon_view_get_model(GtkIconView   *
```

 © 2008 Linux Foundation

```
icon_view);
extern GtkOrientation gtk_icon_view_get_orientation(GtkIconView *
                                                    icon_view);
extern  GtkTreePath  *gtk_icon_view_get_path_at_pos(GtkIconView  *
icon_view,
                                                    gint x, gint
y);
extern    gint    gtk_icon_view_get_pixbuf_column(GtkIconView    *
icon_view);
extern   gboolean   gtk_icon_view_get_reorderable(GtkIconView   *
icon_view);
extern    gint    gtk_icon_view_get_row_spacing(GtkIconView    *
icon_view);
extern   GList   *gtk_icon_view_get_selected_items(GtkIconView   *
icon_view);
extern                                          GtkSelectionMode
gtk_icon_view_get_selection_mode(GtkIconView *
                                                         icon_vie
w);
extern gint gtk_icon_view_get_spacing(GtkIconView * icon_view);
extern    gint    gtk_icon_view_get_text_column(GtkIconView    *
icon_view);
extern GType gtk_icon_view_get_type(void);
extern   gboolean   gtk_icon_view_get_visible_range(GtkIconView   *
icon_view,
                                                    GtkTreePath *
*start_path,
                                                    GtkTreePath *
*end_path);
extern void gtk_icon_view_item_activated(GtkIconView * icon_view,
                                         GtkTreePath * path);
extern GtkWidget *gtk_icon_view_new(void);
extern   GtkWidget   *gtk_icon_view_new_with_model(GtkTreeModel   *
model);
extern   gboolean   gtk_icon_view_path_is_selected(GtkIconView   *
icon_view,
                                                    GtkTreePath *
path);
extern void gtk_icon_view_scroll_to_path(GtkIconView * icon_view,
                                         GtkTreePath * path,
                                         gboolean use_align,
                                         gfloat row_align,
                                         gfloat col_align);
extern void gtk_icon_view_select_all(GtkIconView * icon_view);
extern void gtk_icon_view_select_path(GtkIconView * icon_view,
                                      GtkTreePath * path);
extern    void    gtk_icon_view_selected_foreach(GtkIconView    *
icon_view,
                                                 GtkIconViewForeachFunc
func,
                                                 gpointer data);
extern   void   gtk_icon_view_set_column_spacing(GtkIconView   *
icon_view,
                                                              gint
column_spacing);
extern void gtk_icon_view_set_columns(GtkIconView * icon_view,
                                      gint columns);
extern void gtk_icon_view_set_cursor(GtkIconView * icon_view,
                                     GtkTreePath * path,
                                     GtkCellRenderer * cell,
                                     gboolean start_editing);
extern   void   gtk_icon_view_set_drag_dest_item(GtkIconView   *
icon_view,
                                                 GtkTreePath * path,
                                                 GtkIconViewDropPosit
ion pos);
```

```
extern void gtk_icon_view_set_item_width(GtkIconView * icon_view,
                                         gint item_width);
extern  void  gtk_icon_view_set_margin(GtkIconView  *  icon_view,
gint margin);
extern    void    gtk_icon_view_set_markup_column(GtkIconView    *
icon_view,
                                                  gint column);
extern void gtk_icon_view_set_model(GtkIconView * icon_view,
                                    GtkTreeModel * model);
extern    void    gtk_icon_view_set_orientation(GtkIconView    *
icon_view,
                                                GtkOrientation
orientation);
extern    void    gtk_icon_view_set_pixbuf_column(GtkIconView    *
icon_view,
                                                  gint column);
extern    void    gtk_icon_view_set_reorderable(GtkIconView    *
icon_view,
                                                gboolean reorderable);
extern    void    gtk_icon_view_set_row_spacing(GtkIconView    *
icon_view,
                                                gint row_spacing);
extern    void    gtk_icon_view_set_selection_mode(GtkIconView    *
icon_view,
                                                   GtkSelectionMode
mode);
extern void gtk_icon_view_set_spacing(GtkIconView * icon_view,
                                      gint spacing);
extern    void    gtk_icon_view_set_text_column(GtkIconView    *
icon_view,
                                                gint column);
extern void gtk_icon_view_unselect_all(GtkIconView * icon_view);
extern void gtk_icon_view_unselect_path(GtkIconView * icon_view,
                                        GtkTreePath * path);
extern  void  gtk_icon_view_unset_model_drag_dest(GtkIconView  *
icon_view);
extern  void  gtk_icon_view_unset_model_drag_source(GtkIconView  *
icon_view);
extern GType gtk_identifier_get_type(void);
extern  gboolean  gtk_im_context_delete_surrounding(GtkIMContext  *
context,
                                                    gint offset,
                                                    gint n_chars);
extern  gboolean  gtk_im_context_filter_keypress(GtkIMContext  *
context,
                                                   GdkEventKey *
event);
extern void gtk_im_context_focus_in(GtkIMContext * context);
extern void gtk_im_context_focus_out(GtkIMContext * context);
extern  void  gtk_im_context_get_preedit_string(GtkIMContext  *
context,
                                                gchar * *str,
                                                     PangoAttrList *
*attrs,
                                                gint * cursor_pos);
extern  gboolean  gtk_im_context_get_surrounding(GtkIMContext  *
context,
                                                 gchar * *text,
                                                             gint *
cursor_index);
extern GType gtk_im_context_get_type(void);
extern void gtk_im_context_reset(GtkIMContext * context);
extern  void  gtk_im_context_set_client_window(GtkIMContext  *
context,
                                               GdkWindow * window);
extern  void  gtk_im_context_set_cursor_location(GtkIMContext  *
```

 © 2008 Linux Foundation

```
context,
                                                        GdkRectangle *
area);
extern    void    gtk_im_context_set_surrounding(GtkIMContext    *
context,
                                                  const gchar * text,
gint len,
                                                gint cursor_index);
extern    void    gtk_im_context_set_use_preedit(GtkIMContext    *
context,
                                                gboolean use_preedit);
extern void gtk_im_context_simple_add_table(GtkIMContextSimple *
                                                    context_simple,
guint16 * data,
                                                  gint max_seq_len,
gint n_seqs);
extern GType gtk_im_context_simple_get_type(void);
extern GtkIMContext *gtk_im_context_simple_new(void);
extern                                                          void
gtk_im_multicontext_append_menuitems(GtkIMMulticontext *
                                                  context,
                                                     GtkMenuShell *
menushell);
extern GType gtk_im_multicontext_get_type(void);
extern GtkIMContext *gtk_im_multicontext_new(void);
extern GType gtk_im_preedit_style_get_type(void);
extern GType gtk_im_status_style_get_type(void);
extern void gtk_image_clear(GtkImage * image);
extern  GdkPixbufAnimation  *gtk_image_get_animation(GtkImage  *
image);
extern void gtk_image_get_icon_name(GtkImage * image,
                                    const gchar * *icon_name,
                                    GtkIconSize * size);
extern void gtk_image_get_icon_set(GtkImage * image,
                                   GtkIconSet * *icon_set,
                                   GtkIconSize * size);
extern  void  gtk_image_get_image(GtkImage  *  image,  GdkImage  *
*gdk_image,
                                  GdkBitmap * *mask);
extern GdkPixbuf *gtk_image_get_pixbuf(GtkImage * image);
extern gint gtk_image_get_pixel_size(GtkImage * image);
extern  void  gtk_image_get_pixmap(GtkImage  *  image,  GdkPixmap  *
*pixmap,
                                   GdkBitmap * *mask);
extern  void  gtk_image_get_stock(GtkImage  *  image,  gchar  *
*stock_id,
                                  GtkIconSize * size);
extern GtkImageType gtk_image_get_storage_type(GtkImage * image);
extern GType gtk_image_get_type(void);
extern  GtkWidget  *gtk_image_menu_item_get_image(GtkImageMenuItem
*
                                                  image_menu_item);
extern GType gtk_image_menu_item_get_type(void);
extern GtkWidget *gtk_image_menu_item_new(void);
extern  GtkWidget  *gtk_image_menu_item_new_from_stock(const  gchar
*
                                                       stock_id,
                                                       GtkAccelGrou
p *
                                                       accel_group)
;
extern  GtkWidget  *gtk_image_menu_item_new_with_label(const  gchar
* label);
extern   GtkWidget   *gtk_image_menu_item_new_with_mnemonic(const
gchar *
                                                         label);
```

```
extern void gtk_image_menu_item_set_image(GtkImageMenuItem *
                                          image_menu_item,
                                          GtkWidget * image);
extern GtkWidget *gtk_image_new(void);
extern  GtkWidget  *gtk_image_new_from_animation(GdkPixbufAnimation
*
                                                 animation);
extern    GtkWidget    *gtk_image_new_from_file(const    gchar    *
filename);
extern  GtkWidget  *gtk_image_new_from_icon_name(const  gchar  *
icon_name,
                                                 GtkIconSize size);
extern    GtkWidget    *gtk_image_new_from_icon_set(GtkIconSet    *
icon_set,
                                                GtkIconSize size);
extern GtkWidget *gtk_image_new_from_image(GdkImage * image,
                                           GdkBitmap * mask);
extern GtkWidget *gtk_image_new_from_pixbuf(GdkPixbuf * pixbuf);
extern GtkWidget *gtk_image_new_from_pixmap(GdkPixmap * pixmap,
                                            GdkBitmap * mask);
extern    GtkWidget    *gtk_image_new_from_stock(const    gchar    *
stock_id,
                                           GtkIconSize size);
extern void gtk_image_set_from_animation(GtkImage * image,
                                         GdkPixbufAnimation *
animation);
extern void gtk_image_set_from_file(GtkImage * image,
                                    const gchar * filename);
extern void gtk_image_set_from_icon_name(GtkImage * image,
                                         const gchar * icon_name,
                                         GtkIconSize size);
extern void gtk_image_set_from_icon_set(GtkImage * image,
                                        GtkIconSet * icon_set,
                                        GtkIconSize size);
extern void gtk_image_set_from_image(GtkImage * image,
                                     GdkImage * gdk_image,
                                     GdkBitmap * mask);
extern void gtk_image_set_from_pixbuf(GtkImage * image,
                                      GdkPixbuf * pixbuf);
extern void gtk_image_set_from_pixmap(GtkImage * image, GdkPixmap
* pixmap,
                                      GdkBitmap * mask);
extern void gtk_image_set_from_stock(GtkImage * image,
                                     const gchar * stock_id,
                                     GtkIconSize size);
extern  void  gtk_image_set_pixel_size(GtkImage  *  image,  gint
pixel_size);
extern GType gtk_image_type_get_type(void);
extern void gtk_init(int *argc, char ***argv);
extern void gtk_init_add(GtkFunction function, gpointer data);
extern gboolean gtk_init_check(int *argc, char ***argv);
extern gboolean gtk_init_with_args(int *argc, char ***argv,
                                   char *parameter_string,
                                   GOptionEntry * entries,
                                   char *translation_domain,
                                   GError * *error);
extern GType gtk_input_dialog_get_type(void);
extern GtkWidget *gtk_input_dialog_new(void);
extern const guint gtk_interface_age;
extern    GdkScreen    *gtk_invisible_get_screen(GtkInvisible    *
invisible);
extern GType gtk_invisible_get_type(void);
extern GtkWidget *gtk_invisible_new(void);
extern    GtkWidget    *gtk_invisible_new_for_screen(GdkScreen    *
screen);
extern void gtk_invisible_set_screen(GtkInvisible * invisible,
```

 © 2008 Linux Foundation

```
                                        GdkScreen * screen);
extern void gtk_item_deselect(GtkItem * item);
extern GType gtk_item_get_type(void);
extern void gtk_item_select(GtkItem * item);
extern void gtk_item_toggle(GtkItem * item);
extern GType gtk_justification_get_type(void);
extern guint gtk_key_snooper_install(GtkKeySnoopFunc snooper,
                                        gpointer func_data);
extern void gtk_key_snooper_remove(guint snooper_handler_id);
extern gdouble gtk_label_get_angle(GtkLabel * label);
extern PangoAttrList *gtk_label_get_attributes(GtkLabel * label);
extern   PangoEllipsizeMode   gtk_label_get_ellipsize(GtkLabel   *
label);
extern GtkJustification gtk_label_get_justify(GtkLabel * label);
extern const gchar *gtk_label_get_label(GtkLabel * label);
extern PangoLayout *gtk_label_get_layout(GtkLabel * label);
extern void gtk_label_get_layout_offsets(GtkLabel * label, gint *
x,
                                         gint * y);
extern gboolean gtk_label_get_line_wrap(GtkLabel * label);
extern gint gtk_label_get_max_width_chars(GtkLabel * label);
extern guint gtk_label_get_mnemonic_keyval(GtkLabel * label);
extern    GtkWidget    *gtk_label_get_mnemonic_widget(GtkLabel    *
label);
extern gboolean gtk_label_get_selectable(GtkLabel * label);
extern gboolean gtk_label_get_selection_bounds(GtkLabel * label,
                                                gint * start, gint
* end);
extern gboolean gtk_label_get_single_line_mode(GtkLabel * label);
extern const gchar *gtk_label_get_text(GtkLabel * label);
extern GType gtk_label_get_type(void);
extern gboolean gtk_label_get_use_markup(GtkLabel * label);
extern gboolean gtk_label_get_use_underline(GtkLabel * label);
extern gint gtk_label_get_width_chars(GtkLabel * label);
extern GtkWidget *gtk_label_new(const gchar * str);
extern GtkWidget *gtk_label_new_with_mnemonic(const gchar * str);
extern   void   gtk_label_select_region(GtkLabel   *   label,   gint
start_offset,
                                        gint end_offset);
extern void gtk_label_set_angle(GtkLabel * label, gdouble angle);
extern void gtk_label_set_attributes(GtkLabel * label,
                                        PangoAttrList * attrs);
extern void gtk_label_set_ellipsize(GtkLabel * label,
                                       PangoEllipsizeMode mode);
extern void gtk_label_set_justify(GtkLabel * label,
                                     GtkJustification jtype);
extern  void  gtk_label_set_label(GtkLabel  *  label,  const  gchar  *
str);
extern  void  gtk_label_set_line_wrap(GtkLabel  *  label,  gboolean
wrap);
extern void gtk_label_set_markup(GtkLabel * label, const gchar *
str);
extern void gtk_label_set_markup_with_mnemonic(GtkLabel * label,
                                                        const gchar *
str);
extern void gtk_label_set_max_width_chars(GtkLabel * label, gint
n_chars);
extern void gtk_label_set_mnemonic_widget(GtkLabel * label,
                                          GtkWidget * widget);
extern void gtk_label_set_pattern(GtkLabel * label, const gchar *
pattern);
extern  void  gtk_label_set_selectable(GtkLabel  *  label,  gboolean
setting);
extern void gtk_label_set_single_line_mode(GtkLabel * label,
                                                            gboolean
single_line_mode);
```

```
extern void gtk_label_set_text(GtkLabel * label, const gchar *
str);
extern void gtk_label_set_text_with_mnemonic(GtkLabel * label,
                                             const gchar * str);
extern void gtk_label_set_use_markup(GtkLabel * label, gboolean
setting);
extern void gtk_label_set_use_underline(GtkLabel * label,
                                        gboolean setting);
extern void gtk_label_set_width_chars(GtkLabel * label, gint
n_chars);
extern GtkAdjustment *gtk_layout_get_hadjustment(GtkLayout *
layout);
extern void gtk_layout_get_size(GtkLayout * layout, guint *
width,
                                guint * height);
extern GType gtk_layout_get_type(void);
extern GtkAdjustment *gtk_layout_get_vadjustment(GtkLayout *
layout);
extern void gtk_layout_move(GtkLayout * layout, GtkWidget *
child_widget,
                            gint x, gint y);
extern GtkWidget *gtk_layout_new(GtkAdjustment * hadjustment,
                                 GtkAdjustment * vadjustment);
extern void gtk_layout_put(GtkLayout * layout, GtkWidget *
child_widget,
                           gint x, gint y);
extern void gtk_layout_set_hadjustment(GtkLayout * layout,
                                       GtkAdjustment *
adjustment);
extern void gtk_layout_set_size(GtkLayout * layout, guint width,
                                guint height);
extern void gtk_layout_set_vadjustment(GtkLayout * layout,
                                       GtkAdjustment *
adjustment);
extern void gtk_list_store_append(GtkListStore * list_store,
                                  GtkTreeIter * iter);
extern void gtk_list_store_clear(GtkListStore * list_store);
extern GType gtk_list_store_get_type(void);
extern void gtk_list_store_insert(GtkListStore * list_store,
                                  GtkTreeIter * iter, gint
position);
extern void gtk_list_store_insert_after(GtkListStore *
list_store,
                                        GtkTreeIter * iter,
                                        GtkTreeIter * sibling);
extern void gtk_list_store_insert_before(GtkListStore *
list_store,
                                         GtkTreeIter * iter,
                                         GtkTreeIter * sibling);
extern void gtk_list_store_insert_with_values(GtkListStore *
list_store,
                                              GtkTreeIter * iter,
                                                        gint
position, ...);
extern void gtk_list_store_insert_with_valuesv(GtkListStore *
list_store,
                                                    GtkTreeIter *
iter,
                                               gint position,
                                               gint * columns,
                                               GValue * values,
                                               gint n_values);
extern gboolean gtk_list_store_iter_is_valid(GtkListStore *
list_store,
                                             GtkTreeIter * iter);
extern void gtk_list_store_move_after(GtkListStore * store,
```

 © 2008 Linux Foundation

```
                                    GtkTreeIter * iter,
                                    GtkTreeIter * position);
extern void gtk_list_store_move_before(GtkListStore * store,
                                     GtkTreeIter * iter,
                                     GtkTreeIter * position);
extern GtkListStore *gtk_list_store_new(gint n_columns, ...);
extern GtkListStore *gtk_list_store_newv(gint n_columns, GType *
types);
extern void gtk_list_store_prepend(GtkListStore * list_store,
                                   GtkTreeIter * iter);
extern gboolean gtk_list_store_remove(GtkListStore * list_store,
                                    GtkTreeIter * iter);
extern void gtk_list_store_reorder(GtkListStore * store, gint *
new_order);
extern void gtk_list_store_set(GtkListStore * list_store,
                               GtkTreeIter * iter, ...);
extern   void   gtk_list_store_set_column_types(GtkListStore   *
list_store,
                                              gint n_columns, GType
* types);
extern void gtk_list_store_set_valist(GtkListStore * list_store,
                                    GtkTreeIter * iter,
                                    va_list var_args);
extern void gtk_list_store_set_value(GtkListStore * list_store,
                                       GtkTreeIter * iter, gint
column,
                                     GValue * value);
extern void gtk_list_store_swap(GtkListStore * store, GtkTreeIter
* a,
                                GtkTreeIter * b);
extern void gtk_main(void);
extern void gtk_main_do_event(GdkEvent * event);
extern gboolean gtk_main_iteration(void);
extern gboolean gtk_main_iteration_do(gboolean blocking);
extern guint gtk_main_level(void);
extern void gtk_main_quit(void);
extern const guint gtk_major_version;
extern GType gtk_match_type_get_type(void);
extern void gtk_menu_attach(GtkMenu * menu, GtkWidget * child,
                                      guint left_attach, guint
right_attach,
                                       guint top_attach, guint
bottom_attach);
extern void gtk_menu_attach_to_widget(GtkMenu * menu,
                                    GtkWidget * attach_widget,
                                            GtkMenuDetachFunc
detacher);
extern                                       GtkPackDirection
gtk_menu_bar_get_child_pack_direction(GtkMenuBar *
                                                              men
ubar);
extern                                      GtkPackDirection
gtk_menu_bar_get_pack_direction(GtkMenuBar *
                                                     menubar);
extern GType gtk_menu_bar_get_type(void);
extern GtkWidget *gtk_menu_bar_new(void);
extern  void  gtk_menu_bar_set_child_pack_direction(GtkMenuBar  *
menubar,
                                                     GtkPackDirectio
n
                                                     child_pack_dir)
;
extern void gtk_menu_bar_set_pack_direction(GtkMenuBar * menubar,
                                                    GtkPackDirection
pack_dir);
extern void gtk_menu_detach(GtkMenu * menu);
```

```
extern GType gtk_menu_direction_type_get_type(void);
extern GtkAccelGroup *gtk_menu_get_accel_group(GtkMenu * menu);
extern GtkWidget *gtk_menu_get_active(GtkMenu * menu);
extern GtkWidget *gtk_menu_get_attach_widget(GtkMenu * menu);
extern GList *gtk_menu_get_for_attach_widget(GtkWidget * widget);
extern gboolean gtk_menu_get_tearoff_state(GtkMenu * menu);
extern const gchar *gtk_menu_get_title(GtkMenu * menu);
extern GType gtk_menu_get_type(void);
extern void gtk_menu_item_activate(GtkMenuItem * menu_item);
extern void gtk_menu_item_deselect(GtkMenuItem * menu_item);
extern  gboolean  gtk_menu_item_get_right_justified(GtkMenuItem  *
menu_item);
extern    GtkWidget    *gtk_menu_item_get_submenu(GtkMenuItem    *
menu_item);
extern GType gtk_menu_item_get_type(void);
extern GtkWidget *gtk_menu_item_new(void);
extern  GtkWidget  *gtk_menu_item_new_with_label(const  gchar  *
label);
extern  GtkWidget  *gtk_menu_item_new_with_mnemonic(const  gchar  *
label);
extern     void     gtk_menu_item_remove_submenu(GtkMenuItem     *
menu_item);
extern void gtk_menu_item_select(GtkMenuItem * menu_item);
extern void gtk_menu_item_set_accel_path(GtkMenuItem * menu_item,
                                                        const gchar *
accel_path);
extern   void   gtk_menu_item_set_right_justified(GtkMenuItem   *
menu_item,
                                                              gboolean
right_justified);
extern void gtk_menu_item_set_submenu(GtkMenuItem * menu_item,
                                      GtkWidget * submenu);
extern   void   gtk_menu_item_toggle_size_allocate(GtkMenuItem   *
menu_item,
                                                   gint allocation);
extern   void   gtk_menu_item_toggle_size_request(GtkMenuItem   *
menu_item,
                                                            gint *
requisition);
extern GtkWidget *gtk_menu_new(void);
extern void gtk_menu_popdown(GtkMenu * menu);
extern   void   gtk_menu_popup(GtkMenu   *   menu,   GtkWidget   *
parent_menu_shell,
                           GtkWidget * parent_menu_item,
                               GtkMenuPositionFunc func, gpointer
data,
                           guint button, guint32 activate_time);
extern  void  gtk_menu_reorder_child(GtkMenu  *  menu,  GtkWidget  *
child,
                                     gint position);
extern void gtk_menu_reposition(GtkMenu * menu);
extern void gtk_menu_set_accel_group(GtkMenu * menu,
                                                GtkAccelGroup *
accel_group);
extern void gtk_menu_set_accel_path(GtkMenu * menu,
                                    const gchar * accel_path);
extern void gtk_menu_set_active(GtkMenu * menu, guint index_);
extern    void    gtk_menu_set_monitor(GtkMenu    *    menu,    gint
monitor_num);
extern  void  gtk_menu_set_screen(GtkMenu  *  menu,  GdkScreen  *
screen);
extern  void  gtk_menu_set_tearoff_state(GtkMenu  *  menu,  gboolean
torn_off);
extern  void  gtk_menu_set_title(GtkMenu  *  menu,  const  gchar  *
title);
extern    void    gtk_menu_shell_activate_item(GtkMenuShell    *
```

 © 2008 Linux Foundation

```
menu_shell,
                                          GtkWidget * menu_item,
                                                      gboolean
force_deactivate);
extern void gtk_menu_shell_append(GtkMenuShell * menu_shell,
                                  GtkWidget * child);
extern void gtk_menu_shell_cancel(GtkMenuShell * menu_shell);
extern void gtk_menu_shell_deactivate(GtkMenuShell * menu_shell);
extern void gtk_menu_shell_deselect(GtkMenuShell * menu_shell);
extern   gboolean   gtk_menu_shell_get_take_focus(GtkMenuShell   *
menu_shell);
extern GType gtk_menu_shell_get_type(void);
extern void gtk_menu_shell_insert(GtkMenuShell * menu_shell,
                                          GtkWidget * child, gint
position);
extern void gtk_menu_shell_prepend(GtkMenuShell * menu_shell,
                                   GtkWidget * child);
extern     void     gtk_menu_shell_select_first(GtkMenuShell     *
menu_shell,
                                                            gboolean
search_sensitive);
extern void gtk_menu_shell_select_item(GtkMenuShell * menu_shell,
                                       GtkWidget * menu_item);
extern    void    gtk_menu_shell_set_take_focus(GtkMenuShell    *
menu_shell,
                                          gboolean take_focus);
extern  GtkWidget  *gtk_menu_tool_button_get_menu(GtkMenuToolButton
*
                                                  button);
extern GType gtk_menu_tool_button_get_type(void);
extern    GtkToolItem    *gtk_menu_tool_button_new(GtkWidget    *
icon_widget,
                                                    const gchar *
label);
extern   GtkToolItem   *gtk_menu_tool_button_new_from_stock(const
gchar *
                                                       stock_id)
;
extern                                                      void
gtk_menu_tool_button_set_arrow_tooltip(GtkMenuToolButton *
                                                    button,
                                                     GtkTooltips *
tooltips,
                                                     const gchar *
tip_text,
                                                    const gchar *
                                                    tip_private);
extern   void   gtk_menu_tool_button_set_menu(GtkMenuToolButton   *
button,
                                          GtkWidget * menu);
extern                                                      void
gtk_message_dialog_format_secondary_markup(GtkMessageDialog *
                                                       message_di
alog,
                                                            const
gchar *
                                                       message_fo
rmat,
                                                       ...);
extern                                                      void
gtk_message_dialog_format_secondary_text(GtkMessageDialog *
                                                     message_dial
og,
                                                      const gchar
*
                                                     message_form
```

```
at, ...);
extern GType gtk_message_dialog_get_type(void);
extern GtkWidget *gtk_message_dialog_new(GtkWindow * parent,
                                         GtkDialogFlags flags,
                                         GtkMessageType type,
                                         GtkButtonsType buttons,
                                                   const gchar *
message_format,
                                         ...);
extern GtkWidget *gtk_message_dialog_new_with_markup(GtkWindow *
parent,
                                                     GtkDialogFla
gs flags,
                                                     GtkMessageTy
pe type,
                                                     GtkButtonsTy
pe
                                                    buttons,
                                                      const gchar
*
                                                     message_form
at, ...);
extern void gtk_message_dialog_set_markup(GtkMessageDialog *
                                          message_dialog,
                                          const gchar * str);
extern GType gtk_message_type_get_type(void);
extern GType gtk_metric_type_get_type(void);
extern const guint gtk_micro_version;
extern const guint gtk_minor_version;
extern  void  gtk_misc_get_alignment(GtkMisc  *  misc,  gfloat  *
xalign,
                                     gfloat * yalign);
extern  void  gtk_misc_get_padding(GtkMisc  *  misc,  gint  *  xpad,
gint * ypad);
extern GType gtk_misc_get_type(void);
extern void gtk_misc_set_alignment(GtkMisc * misc, gfloat xalign,
                                   gfloat yalign);
extern void gtk_misc_set_padding(GtkMisc * misc, gint xpad, gint
ypad);
extern GType gtk_movement_step_get_type(void);
extern gint gtk_notebook_append_page(GtkNotebook * notebook,
                                     GtkWidget * child,
                                     GtkWidget * tab_label);
extern gint gtk_notebook_append_page_menu(GtkNotebook * notebook,
                                          GtkWidget * child,
                                          GtkWidget * tab_label,
                                                      GtkWidget *
menu_label);
extern    gint    gtk_notebook_get_current_page(GtkNotebook    *
notebook);
extern   GtkWidget   *gtk_notebook_get_menu_label(GtkNotebook   *
notebook,
                                                  GtkWidget * child);
extern  const  gchar  *gtk_notebook_get_menu_label_text(GtkNotebook
*
                                                    notebook,
                                                      GtkWidget *
child);
extern gint gtk_notebook_get_n_pages(GtkNotebook * notebook);
extern    GtkWidget    *gtk_notebook_get_nth_page(GtkNotebook    *
notebook,
                                                 gint page_num);
extern    gboolean    gtk_notebook_get_scrollable(GtkNotebook    *
notebook);
extern   gboolean   gtk_notebook_get_show_border(GtkNotebook   *
notebook);
```

 © 2008 Linux Foundation

```
extern    gboolean    gtk_notebook_get_show_tabs(GtkNotebook    *
notebook);
extern   GtkWidget   *gtk_notebook_get_tab_label(GtkNotebook   *
notebook,
                                                 GtkWidget * child);
extern const gchar *gtk_notebook_get_tab_label_text(GtkNotebook *
notebook,
                                                        GtkWidget *
child);
extern  GtkPositionType  gtk_notebook_get_tab_pos(GtkNotebook  *
notebook);
extern GType gtk_notebook_get_type(void);
extern gint gtk_notebook_insert_page(GtkNotebook * notebook,
                                     GtkWidget * child,
                                      GtkWidget * tab_label, gint
position);
extern gint gtk_notebook_insert_page_menu(GtkNotebook * notebook,
                                          GtkWidget * child,
                                          GtkWidget * tab_label,
                                          GtkWidget * menu_label,
                                          gint position);
extern GtkWidget *gtk_notebook_new(void);
extern void gtk_notebook_next_page(GtkNotebook * notebook);
extern gint gtk_notebook_page_num(GtkNotebook * notebook,
                                  GtkWidget * child);
extern void gtk_notebook_popup_disable(GtkNotebook * notebook);
extern void gtk_notebook_popup_enable(GtkNotebook * notebook);
extern gint gtk_notebook_prepend_page(GtkNotebook * notebook,
                                      GtkWidget * child,
                                      GtkWidget * tab_label);
extern    gint    gtk_notebook_prepend_page_menu(GtkNotebook    *
notebook,
                                           GtkWidget * child,
                                           GtkWidget * tab_label,
                                                    GtkWidget *
menu_label);
extern void gtk_notebook_prev_page(GtkNotebook * notebook);
extern  void  gtk_notebook_query_tab_label_packing(GtkNotebook  *
notebook,
                                                       GtkWidget *
child,
                                                        gboolean *
expand,
                                                 gboolean * fill,
                                                     GtkPackType *
pack_type);
extern void gtk_notebook_remove_page(GtkNotebook * notebook,
                                     gint page_num);
extern void gtk_notebook_reorder_child(GtkNotebook * notebook,
                                           GtkWidget * child, gint
position);
extern void gtk_notebook_set_current_page(GtkNotebook * notebook,
                                          gint page_num);
extern void gtk_notebook_set_menu_label(GtkNotebook * notebook,
                                        GtkWidget * child,
                                        GtkWidget * menu_label);
extern   void   gtk_notebook_set_menu_label_text(GtkNotebook   *
notebook,
                                           GtkWidget * child,
                                                  const gchar *
menu_text);
extern void gtk_notebook_set_scrollable(GtkNotebook * notebook,
                                        gboolean scrollable);
extern void gtk_notebook_set_show_border(GtkNotebook * notebook,
                                         gboolean show_border);
extern void gtk_notebook_set_show_tabs(GtkNotebook * notebook,
```

```
                                        gboolean show_tabs);
extern void gtk_notebook_set_tab_label(GtkNotebook * notebook,
                                        GtkWidget * child,
                                        GtkWidget * tab_label);
extern   void   gtk_notebook_set_tab_label_packing(GtkNotebook   *
notebook,
                                                   GtkWidget * child,
                                                   gboolean expand,
                                                   gboolean fill,
                                                          GtkPackType
pack_type);
extern    void    gtk_notebook_set_tab_label_text(GtkNotebook    *
notebook,
                                                GtkWidget * child,
                                                        const gchar *
tab_text);
extern void gtk_notebook_set_tab_pos(GtkNotebook * notebook,
                                     GtkPositionType pos);
extern GType gtk_notebook_tab_get_type(void);
extern void gtk_object_destroy(GtkObject * object);
extern GType gtk_object_flags_get_type(void);
extern long unsigned int gtk_object_get_type(void);
extern void gtk_object_sink(GtkObject * object);
extern GType gtk_orientation_get_type(void);
extern GType gtk_pack_direction_get_type(void);
extern GType gtk_pack_type_get_type(void);
extern void gtk_paint_arrow(GtkStyle * style, GdkWindow * window,
                            GtkStateType state_type,
                                      GtkShadowType  shadow_type,
GdkRectangle * area,
                               GtkWidget * widget, const gchar *
detail,
                                GtkArrowType arrow_type, gboolean
fill, gint x,
                            gint y, gint width, gint height);
extern void gtk_paint_box(GtkStyle * style, GdkWindow * window,
                          GtkStateType state_type,
                           GtkShadowType shadow_type, GdkRectangle
* area,
                              GtkWidget * widget, const gchar *
detail, gint x,
                          gint y, gint width, gint height);
extern  void  gtk_paint_box_gap(GtkStyle  *  style,  GdkWindow  *
window,
                             GtkStateType state_type,
                             GtkShadowType shadow_type,
                                GdkRectangle * area, GtkWidget *
widget,
                                 gchar * detail, gint x, gint y,
gint width,
                                    gint height, GtkPositionType
gap_side,
                             gint gap_x, gint gap_width);
extern void gtk_paint_check(GtkStyle * style, GdkWindow * window,
                            GtkStateType state_type,
                                      GtkShadowType  shadow_type,
GdkRectangle * area,
                               GtkWidget * widget, const gchar *
detail,
                                gint x, gint y, gint width, gint
height);
extern  void  gtk_paint_diamond(GtkStyle  *  style,  GdkWindow  *
window,
                             GtkStateType state_type,
                             GtkShadowType shadow_type,
                                GdkRectangle * area, GtkWidget *
```

 © 2008 Linux Foundation

```
widget,
                                const gchar * detail, gint x, gint
y,
                               gint width, gint height);
extern  void  gtk_paint_expander(GtkStyle  *  style,  GdkWindow  *
window,
                                GtkStateType state_type,
                                  GdkRectangle * area, GtkWidget *
widget,
                                const gchar * detail, gint x, gint
y,
                                GtkExpanderStyle expander_style);
extern  void  gtk_paint_extension(GtkStyle  *  style,  GdkWindow  *
window,
                                GtkStateType state_type,
                                GtkShadowType shadow_type,
                                  GdkRectangle * area, GtkWidget *
widget,
                                   gchar * detail, gint x, gint y,
gint width,
                                       gint height, GtkPositionType
gap_side);
extern  void  gtk_paint_flat_box(GtkStyle  *  style,  GdkWindow  *
window,
                                GtkStateType state_type,
                                GtkShadowType shadow_type,
                                  GdkRectangle * area, GtkWidget *
widget,
                                const gchar * detail, gint x, gint
y,
                                gint width, gint height);
extern void gtk_paint_focus(GtkStyle * style, GdkWindow * window,
                            GtkStateType state_type, GdkRectangle
* area,
                               GtkWidget * widget, const gchar *
detail,
                                gint x, gint y, gint width, gint
height);
extern  void  gtk_paint_handle(GtkStyle  *  style,  GdkWindow  *
window,
                               GtkStateType state_type,
                               GtkShadowType shadow_type,
                                   GdkRectangle * area, GtkWidget *
widget,
                                 const gchar * detail, gint x, gint
y,
                               gint width, gint height,
                               GtkOrientation orientation);
extern void gtk_paint_hline(GtkStyle * style, GdkWindow * window,
                            GtkStateType state_type, GdkRectangle
* area,
                               GtkWidget * widget, const gchar *
detail,
                              gint x1, gint x2, gint y);
extern  void  gtk_paint_layout(GtkStyle  *  style,  GdkWindow  *
window,
                                GtkStateType state_type, gboolean
use_text,
                                 GdkRectangle * area, GtkWidget *
widget,
                                const gchar * detail, gint x, gint
y,
                               PangoLayout * layout);
extern  void  gtk_paint_option(GtkStyle  *  style,  GdkWindow  *
window,
                               GtkStateType state_type,
```

```
                                GtkShadowType shadow_type,
                                    GdkRectangle * area, GtkWidget *
widget,
                                  const gchar * detail, gint x, gint
y,
                                gint width, gint height);
extern  void  gtk_paint_polygon(GtkStyle  *  style,  GdkWindow  *
window,
                                 GtkStateType state_type,
                                 GtkShadowType shadow_type,
                                    GdkRectangle * area, GtkWidget *
widget,
                                    const gchar * detail, GdkPoint *
points,
                                 gint npoints, gboolean fill);
extern void gtk_paint_resize_grip(GtkStyle  *  style,  GdkWindow  *
window,
                                  GtkStateType state_type,
                                    GdkRectangle * area, GtkWidget
* widget,
                                           const gchar * detail,
GdkWindowEdge edge,
                                       gint x, gint y, gint width,
gint height);
extern  void  gtk_paint_shadow(GtkStyle  *  style,  GdkWindow  *
window,
                                GtkStateType state_type,
                                GtkShadowType shadow_type,
                                    GdkRectangle * area, GtkWidget *
widget,
                                  const gchar * detail, gint x, gint
y,
                                gint width, gint height);
extern void gtk_paint_shadow_gap(GtkStyle  *  style,  GdkWindow  *
window,
                                    GtkStateType state_type,
                                    GtkShadowType shadow_type,
                                     GdkRectangle * area, GtkWidget *
widget,
                                    gchar * detail, gint x, gint y,
                                    gint width, gint height,
                                      GtkPositionType gap_side, gint
gap_x,
                                    gint gap_width);
extern  void  gtk_paint_slider(GtkStyle  *  style,  GdkWindow  *
window,
                                GtkStateType state_type,
                                GtkShadowType shadow_type,
                                    GdkRectangle * area, GtkWidget *
widget,
                                  const gchar * detail, gint x, gint
y,
                                gint width, gint height,
                                GtkOrientation orientation);
extern void gtk_paint_tab(GtkStyle * style, GdkWindow * window,
                           GtkStateType state_type,
                            GtkShadowType shadow_type, GdkRectangle
* area,
                               GtkWidget * widget, const gchar *
detail, gint x,
                           gint y, gint width, gint height);
extern void gtk_paint_vline(GtkStyle * style, GdkWindow * window,
                             GtkStateType state_type, GdkRectangle
* area,
                                GtkWidget * widget, const gchar *
detail,
```

 © 2008 Linux Foundation

```
                            gint y1_, gint y2_, gint x);
extern void gtk_paned_add1(GtkPaned * paned, GtkWidget * child);
extern void gtk_paned_add2(GtkPaned * paned, GtkWidget * child);
extern GtkWidget *gtk_paned_get_child1(GtkPaned * paned);
extern GtkWidget *gtk_paned_get_child2(GtkPaned * paned);
extern gint gtk_paned_get_position(GtkPaned * paned);
extern GType gtk_paned_get_type(void);
extern void gtk_paned_pack1(GtkPaned * paned, GtkWidget * child,
                            gboolean resize, gboolean shrink);
extern void gtk_paned_pack2(GtkPaned * paned, GtkWidget * child,
                            gboolean resize, gboolean shrink);
extern   void   gtk_paned_set_position(GtkPaned   *   paned,   gint
position);
extern gboolean gtk_parse_args(int *argc, char ***argv);
extern GType gtk_path_priority_type_get_type(void);
extern GType gtk_path_type_get_type(void);
extern  void  gtk_plug_construct(GtkPlug  *  plug,  GdkNativeWindow
socket_id);
extern void gtk_plug_construct_for_display(GtkPlug * plug,
                                           GdkDisplay * display,
                                                  GdkNativeWindow
socket_id);
extern GdkNativeWindow gtk_plug_get_id(GtkPlug * plug);
extern GType gtk_plug_get_type(void);
extern GtkWidget *gtk_plug_new(GdkNativeWindow socket_id);
extern GtkWidget *gtk_plug_new_for_display(GdkDisplay * display,
                                                  GdkNativeWindow
socket_id);
extern GType gtk_policy_type_get_type(void);
extern GType gtk_position_type_get_type(void);
extern                                              PangoEllipsizeMode
gtk_progress_bar_get_ellipsize(GtkProgressBar *
                                                                pbar);
extern   gdouble   gtk_progress_bar_get_fraction(GtkProgressBar   *
pbar);
extern GtkProgressBarOrientation
gtk_progress_bar_get_orientation(GtkProgressBar * pbar);
extern  gdouble  gtk_progress_bar_get_pulse_step(GtkProgressBar  *
pbar);
extern  const  gchar  *gtk_progress_bar_get_text(GtkProgressBar  *
pbar);
extern GType gtk_progress_bar_get_type(void);
extern GtkWidget *gtk_progress_bar_new(void);
extern GType gtk_progress_bar_orientation_get_type(void);
extern void gtk_progress_bar_pulse(GtkProgressBar * pbar);
extern void gtk_progress_bar_set_ellipsize(GtkProgressBar * pbar,
                                                 PangoEllipsizeMode
mode);
extern void gtk_progress_bar_set_fraction(GtkProgressBar * pbar,
                                          gdouble fraction);
extern   void   gtk_progress_bar_set_orientation(GtkProgressBar   *
pbar,
                                            GtkProgressBarOrient
ation
                                           orientation);
extern   void   gtk_progress_bar_set_pulse_step(GtkProgressBar   *
pbar,
                                          gdouble fraction);
extern void gtk_progress_bar_set_text(GtkProgressBar * pbar,
                                      const gchar * text);
extern GType gtk_progress_bar_style_get_type(void);
extern  void  gtk_propagate_event(GtkWidget  *  widget,  GdkEvent  *
event);
extern guint gtk_quit_add(guint main_level, GtkFunction function,
                          gpointer data);
extern  void  gtk_quit_add_destroy(guint  main_level,  GtkObject  *
```

```
object);
extern  guint  gtk_quit_add_full(guint  main_level,  GtkFunction
function,
                                        GtkCallbackMarshal marshal,
gpointer data,
                                GtkDestroyNotify destroy);
extern void gtk_quit_remove(guint quit_handler_id);
extern void gtk_quit_remove_by_data(gpointer data);
extern  gint  gtk_radio_action_get_current_value(GtkRadioAction  *
action);
extern   GSList   *gtk_radio_action_get_group(GtkRadioAction   *
action);
extern GType gtk_radio_action_get_type(void);
extern GtkRadioAction *gtk_radio_action_new(const gchar * name,
                                                const gchar * label,
                                                        const gchar *
tooltip,
                                                        const gchar *
stock_id,
                                                gint value);
extern void gtk_radio_action_set_group(GtkRadioAction * action,
                                        GSList * group);
extern   GSList   *gtk_radio_button_get_group(GtkRadioButton   *
radio_button);
extern GType gtk_radio_button_get_type(void);
extern GtkWidget *gtk_radio_button_new(GSList * group);
extern  GtkWidget  *gtk_radio_button_new_from_widget(GtkRadioButton
*
                                                       radio_group_me
mber);
extern GtkWidget *gtk_radio_button_new_with_label(GSList * group,
                                                        const gchar *
label);
extern GtkWidget
    *gtk_radio_button_new_with_label_from_widget(GtkRadioButton *
                                                     radio_group_memb
er,
                                                        const gchar *
label);
extern  GtkWidget  *gtk_radio_button_new_with_mnemonic(GSList  *
group,
                                                          const gchar
* label);
extern GtkWidget
     *gtk_radio_button_new_with_mnemonic_from_widget(GtkRadioButto
n *
                                                        radio_group_m
ember,
                                                        const gchar *
label);
extern    void    gtk_radio_button_set_group(GtkRadioButton    *
radio_button,
                                        GSList * group);
extern GSList *gtk_radio_menu_item_get_group(GtkRadioMenuItem *
                                                radio_menu_item);
extern GType gtk_radio_menu_item_get_type(void);
extern GtkWidget *gtk_radio_menu_item_new(GSList * group);
extern                                                 GtkWidget
*gtk_radio_menu_item_new_from_widget(GtkRadioMenuItem *
                                                         group);
extern  GtkWidget  *gtk_radio_menu_item_new_with_label(GSList  *
group,
                                                          const gchar
* label);
extern GtkWidget
     *gtk_radio_menu_item_new_with_label_from_widget(GtkRadioMenuI
```

 © 2008 Linux Foundation

```
tem *
                                                        group,
                                                         const gchar *
label);
extern  GtkWidget  *gtk_radio_menu_item_new_with_mnemonic(GSList  *
group,
                                                                const
gchar *
                                                          label);
extern GtkWidget
     *gtk_radio_menu_item_new_with_mnemonic_from_widget(GtkRadioMe
nuItem *
                                                       group,
                                                            const
gchar *
                                                       label);
extern void gtk_radio_menu_item_set_group(GtkRadioMenuItem *
                                            radio_menu_item, GSList
* group);
extern  GSList  *gtk_radio_tool_button_get_group(GtkRadioToolButton
*
                                                  button);
extern GType gtk_radio_tool_button_get_type(void);
extern GtkToolItem *gtk_radio_tool_button_new(GSList * group);
extern  GtkToolItem  *gtk_radio_tool_button_new_from_stock(GSList  *
group,
                                                                const
gchar *
                                                             stock_id
);
extern GtkToolItem
      *gtk_radio_tool_button_new_from_widget(GtkRadioToolButton  *
group);
extern GtkToolItem
     *gtk_radio_tool_button_new_with_stock_from_widget(GtkRadioToo
lButton *
                                                       group,
                                                        const gchar
*
                                                       stock_id);
extern  void  gtk_radio_tool_button_set_group(GtkRadioToolButton  *
button,
                                               GSList * group);
extern GtkAdjustment *gtk_range_get_adjustment(GtkRange * range);
extern gboolean gtk_range_get_inverted(GtkRange * range);
extern GType gtk_range_get_type(void);
extern   GtkUpdateType   gtk_range_get_update_policy(GtkRange   *
range);
extern gdouble gtk_range_get_value(GtkRange * range);
extern void gtk_range_set_adjustment(GtkRange * range,
                                     GtkAdjustment * adjustment);
extern  void  gtk_range_set_increments(GtkRange  *  range,  gdouble
step,
                                     gdouble page);
extern  void  gtk_range_set_inverted(GtkRange  *  range,  gboolean
setting);
extern void gtk_range_set_range(GtkRange * range, gdouble min,
                                gdouble max);
extern void gtk_range_set_update_policy(GtkRange * range,
                                        GtkUpdateType policy);
extern void gtk_range_set_value(GtkRange * range, gdouble value);
extern void gtk_rc_add_default_file(const gchar * filename);
extern    gchar    *gtk_rc_find_module_in_path(const    gchar    *
module_file);
extern gchar *gtk_rc_find_pixmap_in_path(GtkSettings * settings,
                                         GScanner * scanner,
```

```
                                                        const gchar *
pixmap_file);
extern GType gtk_rc_flags_get_type(void);
extern gchar **gtk_rc_get_default_files(void);
extern gchar *gtk_rc_get_im_module_file(void);
extern gchar *gtk_rc_get_im_module_path(void);
extern gchar *gtk_rc_get_module_dir(void);
extern GtkStyle *gtk_rc_get_style(GtkWidget * widget);
extern    GtkStyle    *gtk_rc_get_style_by_paths(GtkSettings    *
settings,
                                                        const char
*widget_path,
                                                        const char
*class_path,
                                                GType type);
extern gchar *gtk_rc_get_theme_dir(void);
extern void gtk_rc_parse(const gchar * filename);
extern  guint  gtk_rc_parse_color(GScanner  *  scanner,  GdkColor  *
color);
extern guint gtk_rc_parse_priority(GScanner * scanner,
                                                 GtkPathPriorityType *
priority);
extern  guint  gtk_rc_parse_state(GScanner  *  scanner,  GtkStateType
* state);
extern void gtk_rc_parse_string(const gchar * rc_string);
extern  gboolean  gtk_rc_property_parse_border(const  GParamSpec  *
pspec,
                                                       const GString *
gstring,
                                                              GValue *
property_value);
extern  gboolean  gtk_rc_property_parse_color(const  GParamSpec  *
pspec,
                                                       const GString *
gstring,
                                                              GValue *
property_value);
extern  gboolean  gtk_rc_property_parse_enum(const  GParamSpec  *
pspec,
                                                       const GString *
gstring,
                                                              GValue *
property_value);
extern  gboolean  gtk_rc_property_parse_flags(const  GParamSpec  *
pspec,
                                                       const GString *
gstring,
                                                              GValue *
property_value);
extern      gboolean      gtk_rc_property_parse_requisition(const
GParamSpec * pspec,
                                                       const GString *
gstring,
                                                              GValue *
property_value);
extern gboolean gtk_rc_reparse_all(void);
extern   gboolean   gtk_rc_reparse_all_for_settings(GtkSettings   *
settings,
                                                              gboolean
force_load);
extern void gtk_rc_reset_styles(GtkSettings * settings);
extern GScanner *gtk_rc_scanner_new(void);
extern void gtk_rc_set_default_files(gchar * *filenames);
extern GtkRcStyle *gtk_rc_style_copy(GtkRcStyle * orig);
extern GType gtk_rc_style_get_type(void);
extern GtkRcStyle *gtk_rc_style_new(void);
```

 © 2008 Linux Foundation

```
extern void gtk_rc_style_ref(GtkRcStyle * rc_style);
extern void gtk_rc_style_unref(GtkRcStyle * rc_style);
extern GType gtk_rc_token_type_get_type(void);
extern GType gtk_relief_style_get_type(void);
extern  GtkRequisition  *gtk_requisition_copy(const  GtkRequisition
*
                                              requisition);
extern void gtk_requisition_free(GtkRequisition * requisition);
extern GType gtk_requisition_get_type(void);
extern GType gtk_resize_mode_get_type(void);
extern GType gtk_response_type_get_type(void);
extern void gtk_ruler_draw_pos(GtkRuler * ruler);
extern void gtk_ruler_draw_ticks(GtkRuler * ruler);
extern GtkMetricType gtk_ruler_get_metric(GtkRuler * ruler);
extern  void  gtk_ruler_get_range(GtkRuler  *  ruler,  gdouble  *
lower,
                                  gdouble * upper, gdouble *
position,
                                  gdouble * max_size);
extern GType gtk_ruler_get_type(void);
extern void gtk_ruler_set_metric(GtkRuler * ruler, GtkMetricType
metric);
extern void gtk_ruler_set_range(GtkRuler * ruler, gdouble lower,
                                gdouble upper, gdouble position,
                                gdouble max_size);
extern gint gtk_scale_get_digits(GtkScale * scale);
extern gboolean gtk_scale_get_draw_value(GtkScale * scale);
extern PangoLayout *gtk_scale_get_layout(GtkScale * scale);
extern void gtk_scale_get_layout_offsets(GtkScale * scale, gint *
x,
                                         gint * y);
extern GType gtk_scale_get_type(void);
extern GtkPositionType gtk_scale_get_value_pos(GtkScale * scale);
extern void gtk_scale_set_digits(GtkScale * scale, gint digits);
extern void gtk_scale_set_draw_value(GtkScale * scale,
                                     gboolean draw_value);
extern    void    gtk_scale_set_value_pos(GtkScale    *    scale,
GtkPositionType pos);
extern GType gtk_scroll_step_get_type(void);
extern GType gtk_scroll_type_get_type(void);
extern GType gtk_scrollbar_get_type(void);
extern                                                      void
gtk_scrolled_window_add_with_viewport(GtkScrolledWindow *
                                                    scrolled_window
,
                                                       GtkWidget *
child);
extern                                                GtkAdjustment
*gtk_scrolled_window_get_hadjustment(GtkScrolledWindow
                                                           *
                                                            scrolle
d_window);
extern                                                   GtkWidget
*gtk_scrolled_window_get_hscrollbar(GtkScrolledWindow *
                                                         scrolled_win
dow);
extern                                                 GtkCornerType
gtk_scrolled_window_get_placement(GtkScrolledWindow *
                                                           scrolled_w
indow);
extern void gtk_scrolled_window_get_policy(GtkScrolledWindow *
                                           scrolled_window,
                                           GtkPolicyType *
                                           hscrollbar_policy,
                                           GtkPolicyType *
                                           vscrollbar_policy);
```

```
extern                                                  GtkShadowType
gtk_scrolled_window_get_shadow_type(GtkScrolledWindow
                                                                    *
                                                                     scrolled
_window);
extern GType gtk_scrolled_window_get_type(void);
extern                                                 GtkAdjustment
*gtk_scrolled_window_get_vadjustment(GtkScrolledWindow
                                                                     *
                                                                      scrolle
d_window);
extern                                                    GtkWidget
*gtk_scrolled_window_get_vscrollbar(GtkScrolledWindow *
                                                                   scrolled_win
dow);
extern    GtkWidget    *gtk_scrolled_window_new(GtkAdjustment    *
hadjustment,
                                                       GtkAdjustment *
vadjustment);
extern  void  gtk_scrolled_window_set_hadjustment(GtkScrolledWindow
*
                                                     scrolled_window,
                                                     GtkAdjustment *
                                                     hadjustment);
extern void gtk_scrolled_window_set_placement(GtkScrolledWindow *
                                                    scrolled_window,
                                                    GtkCornerType
                                                    window_placement);
extern void gtk_scrolled_window_set_policy(GtkScrolledWindow *
                                                 scrolled_window,
                                                         GtkPolicyType
hscrollbar_policy,
                                                 GtkPolicyType
                                                 vscrollbar_policy);
extern  void  gtk_scrolled_window_set_shadow_type(GtkScrolledWindow
*
                                                     scrolled_window,
                                                          GtkShadowType
type);
extern  void  gtk_scrolled_window_set_vadjustment(GtkScrolledWindow
*
                                                     scrolled_window,
                                                     GtkAdjustment *
                                                     vadjustment);
extern void gtk_selection_add_target(GtkWidget  *  widget,  GdkAtom
selection,
                                       GdkAtom target, guint info);
extern void gtk_selection_add_targets(GtkWidget * widget,
                                       GdkAtom selection,
                                            const GtkTargetEntry *
targets,
                                       guint ntargets);
extern void gtk_selection_clear_targets(GtkWidget * widget,
                                         GdkAtom selection);
extern gboolean gtk_selection_convert(GtkWidget * widget,
                                        GdkAtom selection, GdkAtom
target,
                                       guint32 time_);
extern  GtkSelectionData  *gtk_selection_data_copy(GtkSelectionData
* data);
extern void gtk_selection_data_free(GtkSelectionData * data);
extern  GdkPixbuf  *gtk_selection_data_get_pixbuf(GtkSelectionData
*
                                                     selection_data);
extern gboolean gtk_selection_data_get_targets(GtkSelectionData *
                                                    selection_data,
```

 © 2008 Linux Foundation

```
                                                          GdkAtom *
*targets,
                                                 gint * n_atoms);
extern guchar *gtk_selection_data_get_text(GtkSelectionData *
                                               selection_data);
extern GType gtk_selection_data_get_type(void);
extern gchar **gtk_selection_data_get_uris(GtkSelectionData *
                                               selection_data);
extern     void     gtk_selection_data_set(GtkSelectionData     *
selection_data,
                                    GdkAtom type, gint format,
                                         const guchar * data, gint
length);
extern gboolean gtk_selection_data_set_pixbuf(GtkSelectionData *
                                                selection_data,
                                                        GdkPixbuf *
pixbuf);
extern gboolean gtk_selection_data_set_text(GtkSelectionData *
                                               selection_data,
                                                  const gchar * str,
gint len);
extern gboolean gtk_selection_data_set_uris(GtkSelectionData *
                                                selection_data, gchar
* *uris);
extern                                                    gboolean
gtk_selection_data_targets_include_image(GtkSelectionData *
                                                    selectio
n_data,
                                                   gboolean
                                                    writable
);
extern                                                    gboolean
gtk_selection_data_targets_include_text(GtkSelectionData *
                                                   selection
_data);
extern GType gtk_selection_mode_get_type(void);
extern gboolean gtk_selection_owner_set(GtkWidget * widget,
                                                 GdkAtom selection,
guint32 time_);
extern  gboolean  gtk_selection_owner_set_for_display(GdkDisplay  *
display,
                                                        GtkWidget *
widget,
                                                             GdkAtom
selection,
                                                             guint32
time_);
extern void gtk_selection_remove_all(GtkWidget * widget);
extern GType gtk_separator_get_type(void);
extern GType gtk_separator_menu_item_get_type(void);
extern GtkWidget *gtk_separator_menu_item_new(void);
extern                                                    gboolean
gtk_separator_tool_item_get_draw(GtkSeparatorToolItem *
                                                      item);
extern GType gtk_separator_tool_item_get_type(void);
extern GtkToolItem *gtk_separator_tool_item_new(void);
extern  void  gtk_separator_tool_item_set_draw(GtkSeparatorToolItem
* item,
                                               gboolean draw);
extern gchar *gtk_set_locale(void);
extern GtkSettings *gtk_settings_get_default(void);
extern   GtkSettings   *gtk_settings_get_for_screen(GdkScreen   *
screen);
extern GType gtk_settings_get_type(void);
extern void gtk_settings_install_property(GParamSpec * pspec);
extern   void   gtk_settings_install_property_parser(GParamSpec   *
```

```
pspec,
                                                    GtkRcPropertyPar
ser
                                                   parser);
extern    void    gtk_settings_set_double_property(GtkSettings    *
settings,
                                                  const gchar * name,
                                                  gdouble v_double,
                                                         const gchar *
origin);
extern    void    gtk_settings_set_long_property(GtkSettings    *
settings,
                                                const gchar * name,
                                                glong v_long,
                                                const gchar * origin);
extern    void    gtk_settings_set_property_value(GtkSettings    *
settings,
                                                  const gchar * name,
                                                                  const
GtkSettingsValue *
                                                  svalue);
extern    void    gtk_settings_set_string_property(GtkSettings    *
settings,
                                                  const gchar * name,
                                                         const gchar *
v_string,
                                                         const gchar *
origin);
extern GType gtk_shadow_type_get_type(void);
extern void gtk_show_about_dialog(GtkWindow * parent,
                                                        const  gchar  *
first_property_name, ...);
extern GType gtk_side_type_get_type(void);
extern GType gtk_signal_run_type_get_type(void);
extern void gtk_size_group_add_widget(GtkSizeGroup * size_group,
                                      GtkWidget * widget);
extern gboolean gtk_size_group_get_ignore_hidden(GtkSizeGroup *
                                                       size_group);
extern  GtkSizeGroupMode  gtk_size_group_get_mode(GtkSizeGroup  *
size_group);
extern GType gtk_size_group_get_type(void);
extern GType gtk_size_group_mode_get_type(void);
extern GtkSizeGroup *gtk_size_group_new(GtkSizeGroupMode mode);
extern     void     gtk_size_group_remove_widget(GtkSizeGroup     *
size_group,
                                            GtkWidget * widget);
extern    void    gtk_size_group_set_ignore_hidden(GtkSizeGroup    *
size_group,
                                                                  gboolean
ignore_hidden);
extern void gtk_size_group_set_mode(GtkSizeGroup * size_group,
                                    GtkSizeGroupMode mode);
extern void gtk_socket_add_id(GtkSocket * socket_,
                              GdkNativeWindow window_id);
extern GdkNativeWindow gtk_socket_get_id(GtkSocket * socket_);
extern GType gtk_socket_get_type(void);
extern GtkWidget *gtk_socket_new(void);
extern GType gtk_sort_type_get_type(void);
extern     void     gtk_spin_button_configure(GtkSpinButton     *
spin_button,
                                       GtkAdjustment * adjustment,
                                         gdouble climb_rate, guint
digits);
extern                                                   GtkAdjustment
*gtk_spin_button_get_adjustment(GtkSpinButton *
                                                          spin_button)
```

 © 2008 Linux Foundation

```
;
extern    guint    gtk_spin_button_get_digits(GtkSpinButton    *
spin_button);
extern   void   gtk_spin_button_get_increments(GtkSpinButton   *
spin_button,
                                                gdouble * step,
gdouble * page);
extern   gboolean   gtk_spin_button_get_numeric(GtkSpinButton   *
spin_button);
extern    void    gtk_spin_button_get_range(GtkSpinButton    *
spin_button,
                                            gdouble * min, gdouble *
max);
extern gboolean gtk_spin_button_get_snap_to_ticks(GtkSpinButton *
                                                   spin_button);
extern GType gtk_spin_button_get_type(void);
extern GtkSpinButtonUpdatePolicy
gtk_spin_button_get_update_policy(GtkSpinButton * spin_button);
extern    gdouble    gtk_spin_button_get_value(GtkSpinButton    *
spin_button);
extern   gint   gtk_spin_button_get_value_as_int(GtkSpinButton   *
spin_button);
extern    gboolean    gtk_spin_button_get_wrap(GtkSpinButton    *
spin_button);
extern GtkWidget *gtk_spin_button_new(GtkAdjustment * adjustment,
                                      gdouble climb_rate, guint
digits);
extern  GtkWidget  *gtk_spin_button_new_with_range(gdouble  min,
gdouble max,
                                                   gdouble step);
extern   void   gtk_spin_button_set_adjustment(GtkSpinButton   *
spin_button,
                                                GtkAdjustment *
adjustment);
extern    void    gtk_spin_button_set_digits(GtkSpinButton    *
spin_button,
                                         guint digits);
extern   void   gtk_spin_button_set_increments(GtkSpinButton   *
spin_button,
                                               gdouble step, gdouble
page);
extern    void    gtk_spin_button_set_numeric(GtkSpinButton    *
spin_button,
                                          gboolean numeric);
extern    void    gtk_spin_button_set_range(GtkSpinButton    *
spin_button,
                                        gdouble min, gdouble max);
extern  void  gtk_spin_button_set_snap_to_ticks(GtkSpinButton  *
spin_button,
                                                            gboolean
snap_to_ticks);
extern  void  gtk_spin_button_set_update_policy(GtkSpinButton  *
spin_button,
                                                 GtkSpinButtonUpdate
Policy
                                                policy);
extern    void    gtk_spin_button_set_value(GtkSpinButton    *
spin_button,
                                        gdouble value);
extern void gtk_spin_button_set_wrap(GtkSpinButton * spin_button,
                                     gboolean wrap);
extern void gtk_spin_button_spin(GtkSpinButton * spin_button,
                                 GtkSpinType direction, gdouble
increment);
extern void gtk_spin_button_update(GtkSpinButton * spin_button);
extern GType gtk_spin_button_update_policy_get_type(void);
```

```
extern GType gtk_spin_type_get_type(void);
extern GType gtk_state_type_get_type(void);
extern    guint    gtk_statusbar_get_context_id(GtkStatusbar    *
statusbar,
                                          const gchar *
                                          context_description);
extern gboolean gtk_statusbar_get_has_resize_grip(GtkStatusbar *
                                                  statusbar);
extern GType gtk_statusbar_get_type(void);
extern GtkWidget *gtk_statusbar_new(void);
extern  void  gtk_statusbar_pop(GtkStatusbar  *  statusbar,  guint
context_id);
extern guint gtk_statusbar_push(GtkStatusbar * statusbar, guint
context_id,
                                const gchar * text);
extern void gtk_statusbar_remove(GtkStatusbar * statusbar,
                                          guint context_id, guint
message_id);
extern   void   gtk_statusbar_set_has_resize_grip(GtkStatusbar   *
statusbar,
                                                  gboolean setting);
extern  void  gtk_stock_add(const  GtkStockItem  *  items,  guint
n_items);
extern void gtk_stock_add_static(const GtkStockItem * items,
                                 guint n_items);
extern  GtkStockItem  *gtk_stock_item_copy(const  GtkStockItem  *
item);
extern void gtk_stock_item_free(GtkStockItem * item);
extern GSList *gtk_stock_list_ids(void);
extern gboolean gtk_stock_lookup(const gchar * stock_id,
                                 GtkStockItem * item);
extern void gtk_stock_set_translate_func(const gchar * domain,
                                         GtkTranslateFunc func,
                                         gpointer data,
                                                 GtkDestroyNotify
notify);
extern void gtk_style_apply_default_background(GtkStyle * style,
                                                       GdkWindow *
window,
                                                  gboolean set_bg,
                                                         GtkStateType
state_type,
                                                      GdkRectangle *
area, gint x,
                                                        gint y, gint
width,
                                                  gint height);
extern  GtkStyle  *gtk_style_attach(GtkStyle  *  style,  GdkWindow  *
window);
extern GtkStyle *gtk_style_copy(GtkStyle * style);
extern void gtk_style_detach(GtkStyle * style);
extern GType gtk_style_get_type(void);
extern GtkIconSet *gtk_style_lookup_icon_set(GtkStyle * style,
                                                        const char
*stock_id);
extern GtkStyle *gtk_style_new(void);
extern GdkPixbuf *gtk_style_render_icon(GtkStyle * style,
                                        const GtkIconSource *
source,
                                                GtkTextDirection
direction,
                                        GtkStateType state,
                                        GtkIconSize size,
                                        GtkWidget * widget,
                                        const gchar * detail);
extern  void  gtk_style_set_background(GtkStyle  *  style,  GdkWindow
```

 © 2008 Linux Foundation

```
* window,
                                        GtkStateType state_type);
extern GType gtk_submenu_direction_get_type(void);
extern GType gtk_submenu_placement_get_type(void);
extern void gtk_table_attach(GtkTable * table, GtkWidget * child,
                                           guint left_attach, guint
right_attach,
                                            guint top_attach, guint
bottom_attach,
                                GtkAttachOptions xoptions,
                                    GtkAttachOptions yoptions, guint
xpadding,
                                guint ypadding);
extern void gtk_table_attach_defaults(GtkTable * table, GtkWidget
* widget,
                                         guint left_attach,
                                           guint right_attach, guint
top_attach,
                                         guint bottom_attach);
extern guint gtk_table_get_col_spacing(GtkTable * table, guint
column);
extern guint gtk_table_get_default_col_spacing(GtkTable * table);
extern guint gtk_table_get_default_row_spacing(GtkTable * table);
extern gboolean gtk_table_get_homogeneous(GtkTable * table);
extern guint gtk_table_get_row_spacing(GtkTable * table, guint
row);
extern GType gtk_table_get_type(void);
extern GtkWidget *gtk_table_new(guint rows, guint columns,
                                gboolean homogeneous);
extern void gtk_table_resize(GtkTable * table, guint rows, guint
columns);
extern void gtk_table_set_col_spacing(GtkTable * table, guint
column,
                                         guint spacing);
extern void gtk_table_set_col_spacings(GtkTable * table, guint
spacing);
extern void gtk_table_set_homogeneous(GtkTable * table,
                                         gboolean homogeneous);
extern void gtk_table_set_row_spacing(GtkTable * table, guint
row,
                                         guint spacing);
extern void gtk_table_set_row_spacings(GtkTable * table, guint
spacing);
extern GType gtk_target_flags_get_type(void);
extern void gtk_target_list_add(GtkTargetList * list, GdkAtom
target,
                                guint flags, guint info);
extern void gtk_target_list_add_image_targets(GtkTargetList *
list,
                                              guint info,
                                              gboolean writable);
extern void gtk_target_list_add_table(GtkTargetList * list,
                                            const GtkTargetEntry *
targets,
                                         guint ntargets);
extern void gtk_target_list_add_text_targets(GtkTargetList *
list,
                                               guint info);
extern void gtk_target_list_add_uri_targets(GtkTargetList * list,
                                              guint info);
extern gboolean gtk_target_list_find(GtkTargetList * list,
GdkAtom target,
                                     guint * info);
extern GtkTargetList *gtk_target_list_new(const GtkTargetEntry *
targets,
                                          guint ntargets);
```

```
extern void gtk_target_list_ref(GtkTargetList * list);
extern void gtk_target_list_remove(GtkTargetList * list, GdkAtom
target);
extern void gtk_target_list_unref(GtkTargetList * list);
extern GType gtk_tearoff_menu_item_get_type(void);
extern GtkWidget *gtk_tearoff_menu_item_new(void);
extern                                          GtkTextAttributes
*gtk_text_attributes_copy(GtkTextAttributes *
                                                    src);
extern  void  gtk_text_attributes_copy_values(GtkTextAttributes  *
src,
                                                GtkTextAttributes *
dest);
extern GType gtk_text_attributes_get_type(void);
extern GtkTextAttributes *gtk_text_attributes_new(void);
extern                                          GtkTextAttributes
*gtk_text_attributes_ref(GtkTextAttributes *
                                                     values);
extern    void    gtk_text_attributes_unref(GtkTextAttributes    *
values);
extern void gtk_text_buffer_add_selection_clipboard(GtkTextBuffer
* buffer,
                                                      GtkClipboard
*
                                                     clipboard);
extern void gtk_text_buffer_apply_tag(GtkTextBuffer * buffer,
                                      GtkTextTag * tag,
                                      const GtkTextIter * start,
                                      const GtkTextIter * end);
extern  void  gtk_text_buffer_apply_tag_by_name(GtkTextBuffer  *
buffer,
                                                const gchar * name,
                                                 const GtkTextIter *
start,
                                                 const GtkTextIter *
end);
extern gboolean gtk_text_buffer_backspace(GtkTextBuffer * buffer,
                                          GtkTextIter * iter,
                                          gboolean interactive,
                                                          gboolean
default_editable);
extern  void  gtk_text_buffer_begin_user_action(GtkTextBuffer  *
buffer);
extern   void   gtk_text_buffer_copy_clipboard(GtkTextBuffer   *
buffer,
                                                    GtkClipboard *
clipboard);
extern GtkTextChildAnchor
    *gtk_text_buffer_create_child_anchor(GtkTextBuffer * buffer,
                                         GtkTextIter * iter);
extern  GtkTextMark  *gtk_text_buffer_create_mark(GtkTextBuffer  *
buffer,
                                                     const gchar *
mark_name,
                                                   const GtkTextIter
* where,
                                                          gboolean
left_gravity);
extern  GtkTextTag  *gtk_text_buffer_create_tag(GtkTextBuffer  *
buffer,
                                                     const gchar *
tag_name,
                                                 const gchar *
                                                 first_property_name
, ...);
extern void gtk_text_buffer_cut_clipboard(GtkTextBuffer * buffer,
```

 © 2008 Linux Foundation

```
                                                    GtkClipboard *
clipboard,
                                                          gboolean
default_editable);
extern void gtk_text_buffer_delete(GtkTextBuffer * buffer,
                                                GtkTextIter * start,
GtkTextIter * end);
extern  gboolean  gtk_text_buffer_delete_interactive(GtkTextBuffer
* buffer,
                                                   GtkTextIter *
                                                   start_iter,
                                                     GtkTextIter *
end_iter,
                                                   gboolean
                                                    default_editab
le);
extern void gtk_text_buffer_delete_mark(GtkTextBuffer * buffer,
                                         GtkTextMark * mark);
extern  void  gtk_text_buffer_delete_mark_by_name(GtkTextBuffer  *
buffer,
                                                    const gchar *
name);
extern  gboolean  gtk_text_buffer_delete_selection(GtkTextBuffer  *
buffer,
                                                          gboolean
interactive,
                                                 gboolean
                                                  default_editable
);
extern   void   gtk_text_buffer_end_user_action(GtkTextBuffer   *
buffer);
extern void gtk_text_buffer_get_bounds(GtkTextBuffer * buffer,
                                       GtkTextIter * start,
                                       GtkTextIter * end);
extern   gint   gtk_text_buffer_get_char_count(GtkTextBuffer   *
buffer);
extern void gtk_text_buffer_get_end_iter(GtkTextBuffer * buffer,
                                        GtkTextIter * iter);
extern  GtkTextMark  *gtk_text_buffer_get_insert(GtkTextBuffer  *
buffer);
extern                                                        void
gtk_text_buffer_get_iter_at_child_anchor(GtkTextBuffer *
                                                      buffer,
                                                        GtkTextIter
* iter,
                                                      GtkTextChild
Anchor *
                                                      anchor);
extern   void   gtk_text_buffer_get_iter_at_line(GtkTextBuffer   *
buffer,
                                                GtkTextIter * iter,
                                                gint line_number);
extern  void  gtk_text_buffer_get_iter_at_line_index(GtkTextBuffer
* buffer,
                                                     GtkTextIter *
iter,
                                                             gint
line_number,
                                                             gint
byte_index);
extern  void  gtk_text_buffer_get_iter_at_line_offset(GtkTextBuffer
* buffer,
                                                     GtkTextIter *
iter,
                                                             gint
line_number,
```

```
                                                                    gint
char_offset);
extern   void   gtk_text_buffer_get_iter_at_mark(GtkTextBuffer   *
buffer,
                                                 GtkTextIter * iter,
                                                 GtkTextMark * mark);
extern  void  gtk_text_buffer_get_iter_at_offset(GtkTextBuffer  *
buffer,
                                                       GtkTextIter *
iter,
                                                  gint char_offset);
extern   gint   gtk_text_buffer_get_line_count(GtkTextBuffer   *
buffer);
extern   GtkTextMark   *gtk_text_buffer_get_mark(GtkTextBuffer   *
buffer,
                                                 const gchar * name);
extern   gboolean   gtk_text_buffer_get_modified(GtkTextBuffer   *
buffer);
extern                                                   GtkTextMark
*gtk_text_buffer_get_selection_bound(GtkTextBuffer *
                                                     buffer);
extern                                                     gboolean
gtk_text_buffer_get_selection_bounds(GtkTextBuffer *
                                                   buffer,
                                                    GtkTextIter
* start,
                                                    GtkTextIter
* end);
extern gchar *gtk_text_buffer_get_slice(GtkTextBuffer * buffer,
                                        const GtkTextIter *
start,
                                    const GtkTextIter * end,
                                                      gboolean
include_hidden_chars);
extern   void   gtk_text_buffer_get_start_iter(GtkTextBuffer   *
buffer,
                                       GtkTextIter * iter);
extern                                           GtkTextTagTable
*gtk_text_buffer_get_tag_table(GtkTextBuffer *
                                                    buffer);
extern gchar *gtk_text_buffer_get_text(GtkTextBuffer * buffer,
                                    const GtkTextIter * start,
                                    const GtkTextIter * end,
                                                      gboolean
include_hidden_chars);
extern GType gtk_text_buffer_get_type(void);
extern void gtk_text_buffer_insert(GtkTextBuffer * buffer,
                                    GtkTextIter * iter, const
gchar * text,
                                 gint len);
extern   void   gtk_text_buffer_insert_at_cursor(GtkTextBuffer   *
buffer,
                                                 const gchar * text,
gint len);
extern  void  gtk_text_buffer_insert_child_anchor(GtkTextBuffer  *
buffer,
                                                       GtkTextIter *
iter,
                                                  GtkTextChildAncho
r *
                                                 anchor);
extern  gboolean  gtk_text_buffer_insert_interactive(GtkTextBuffer
* buffer,
                                                       GtkTextIter *
iter,
                                                       const gchar *
```

 © 2008 Linux Foundation

```
text,
                                                    gint len,
                                                    gboolean
                                                     default_editab
le);
extern                                                  gboolean
gtk_text_buffer_insert_interactive_at_cursor(GtkTextBuffer
                                                                 *
buffer,
                                                                 cons
t gchar *
                                                                 text
,
                                                                 gint
len,
                                                                 gboo
lean
                                                                 defa
ult_editable);
extern void gtk_text_buffer_insert_pixbuf(GtkTextBuffer * buffer,
                                          GtkTextIter * iter,
                                          GdkPixbuf * pixbuf);
extern void gtk_text_buffer_insert_range(GtkTextBuffer * buffer,
                                         GtkTextIter * iter,
                                              const GtkTextIter *
start,
                                              const GtkTextIter *
end);
extern                                                   gboolean
gtk_text_buffer_insert_range_interactive(GtkTextBuffer *
                                                                buffer,
                                                                 GtkTextI
ter *
                                                                iter,
                                                                    const
GtkTextIter
                                                                * start,
                                                                    const
GtkTextIter
                                                                * end,
                                                                gboolean
                                                                 default_
editable);
extern   void   gtk_text_buffer_insert_with_tags(GtkTextBuffer   *
buffer,
                                                GtkTextIter * iter,
                                                  const gchar * text,
gint len,
                                                         GtkTextTag *
first_tag, ...);
extern                                                        void
gtk_text_buffer_insert_with_tags_by_name(GtkTextBuffer *
                                                               buffer,
                                                                 GtkTextIter
* iter,
                                                                 const gchar
* text,
                                                               gint len,
                                                                 const gchar
*
                                                                first_tag_na
me, ...);
extern void gtk_text_buffer_move_mark(GtkTextBuffer * buffer,
                                      GtkTextMark * mark,
                                      const GtkTextIter * where);
extern   void   gtk_text_buffer_move_mark_by_name(GtkTextBuffer   *
```

```
buffer,
                                                const gchar * name,
                                                 const GtkTextIter *
where);
extern   GtkTextBuffer   *gtk_text_buffer_new(GtkTextTagTable   *
table);
extern   void   gtk_text_buffer_paste_clipboard(GtkTextBuffer   *
buffer,
                                                       GtkClipboard *
clipboard,
                                              GtkTextIter *
                                              override_location,
                                                            gboolean
default_editable);
extern void gtk_text_buffer_place_cursor(GtkTextBuffer * buffer,
                                                 const GtkTextIter *
where);
extern   void   gtk_text_buffer_remove_all_tags(GtkTextBuffer   *
buffer,
                                                 const GtkTextIter *
start,
                                                 const GtkTextIter *
end);
extern                                                          void
gtk_text_buffer_remove_selection_clipboard(GtkTextBuffer *
                                                             buffer,
                                                              GtkClipboa
rd *
                                                              clipboard)
;
extern void gtk_text_buffer_remove_tag(GtkTextBuffer * buffer,
                                       GtkTextTag * tag,
                                       const GtkTextIter * start,
                                       const GtkTextIter * end);
extern  void  gtk_text_buffer_remove_tag_by_name(GtkTextBuffer  *
buffer,
                                                    const gchar *
name,
                                                  const GtkTextIter
* start,
                                                  const GtkTextIter
* end);
extern void gtk_text_buffer_select_range(GtkTextBuffer * buffer,
                                         const GtkTextIter * ins,
                                              const GtkTextIter *
bound);
extern void gtk_text_buffer_set_modified(GtkTextBuffer * buffer,
                                         gboolean setting);
extern void gtk_text_buffer_set_text(GtkTextBuffer * buffer,
                                         const gchar * text, gint
len);
extern                                                    gboolean
gtk_text_child_anchor_get_deleted(GtkTextChildAnchor *
                                                      anchor);
extern GType gtk_text_child_anchor_get_type(void);
extern                                                       GList
*gtk_text_child_anchor_get_widgets(GtkTextChildAnchor *
                                                     anchor);
extern GtkTextChildAnchor *gtk_text_child_anchor_new(void);
extern GType gtk_text_direction_get_type(void);
extern gboolean gtk_text_iter_backward_char(GtkTextIter * iter);
extern gboolean gtk_text_iter_backward_chars(GtkTextIter * iter,
                                             gint count);
extern                                                    gboolean
gtk_text_iter_backward_cursor_position(GtkTextIter * iter);
extern                                                    gboolean
```

 © 2008 Linux Foundation

```
gtk_text_iter_backward_cursor_positions(GtkTextIter * iter,
                                                                    gint
count);
extern  gboolean  gtk_text_iter_backward_find_char(GtkTextIter  *
iter,
                                                    GtkTextCharPredi
cate pred,
                                                                gpointer
user_data,
                                                                   const
GtkTextIter *
                                                   limit);
extern gboolean gtk_text_iter_backward_line(GtkTextIter * iter);
extern gboolean gtk_text_iter_backward_lines(GtkTextIter * iter,
                                                 gint count);
extern gboolean gtk_text_iter_backward_search(const GtkTextIter *
iter,
                                                const gchar * str,
                                                  GtkTextSearchFlags
flags,
                                                       GtkTextIter *
match_start,
                                                       GtkTextIter *
match_end,
                                                const GtkTextIter *
limit);
extern gboolean gtk_text_iter_backward_sentence_start(GtkTextIter
* iter);
extern                                                          gboolean
gtk_text_iter_backward_sentence_starts(GtkTextIter * iter,
                                                                    gint
count);
extern  gboolean  gtk_text_iter_backward_to_tag_toggle(GtkTextIter
* iter,
                                                        GtkTextTag *
tag);
extern                                                          gboolean
gtk_text_iter_backward_visible_cursor_position(GtkTextIter
                                                                      *
iter);
extern                                                          gboolean
gtk_text_iter_backward_visible_cursor_positions(GtkTextIter
                                                                      *
iter,
                                                                       g
int
                                                                       c
ount);
extern gboolean gtk_text_iter_backward_visible_line(GtkTextIter *
iter);
extern  gboolean  gtk_text_iter_backward_visible_lines(GtkTextIter
* iter,
                                                      gint count);
extern                                                               gboolean
gtk_text_iter_backward_visible_word_start(GtkTextIter *
                                                                    iter);
extern                                                               gboolean
gtk_text_iter_backward_visible_word_starts(GtkTextIter *
                                                                     iter,
                                                                       gint
count);
extern  gboolean  gtk_text_iter_backward_word_start(GtkTextIter  *
iter);
extern  gboolean  gtk_text_iter_backward_word_starts(GtkTextIter  *
iter,
                                                    gint count);
```

```
extern  gboolean  gtk_text_iter_begins_tag(const  GtkTextIter  *
iter,
                                           GtkTextTag * tag);
extern  gboolean  gtk_text_iter_can_insert(const  GtkTextIter  *
iter,
                                                                 gboolean
default_editability);
extern gint gtk_text_iter_compare(const GtkTextIter * lhs,
                                  const GtkTextIter * rhs);
extern GtkTextIter *gtk_text_iter_copy(const GtkTextIter * iter);
extern gboolean gtk_text_iter_editable(const GtkTextIter * iter,
                                       gboolean default_setting);
extern   gboolean   gtk_text_iter_ends_line(const   GtkTextIter   *
iter);
extern  gboolean  gtk_text_iter_ends_sentence(const  GtkTextIter  *
iter);
extern gboolean gtk_text_iter_ends_tag(const GtkTextIter * iter,
                                       GtkTextTag * tag);
extern   gboolean   gtk_text_iter_ends_word(const   GtkTextIter   *
iter);
extern gboolean gtk_text_iter_equal(const GtkTextIter * lhs,
                                    const GtkTextIter * rhs);
extern gboolean gtk_text_iter_forward_char(GtkTextIter * iter);
extern gboolean gtk_text_iter_forward_chars(GtkTextIter * iter,
                                            gint count);
extern  gboolean  gtk_text_iter_forward_cursor_position(GtkTextIter
* iter);
extern                                                           gboolean
gtk_text_iter_forward_cursor_positions(GtkTextIter * iter,
                                                                   gint
count);
extern  gboolean  gtk_text_iter_forward_find_char(GtkTextIter  *
iter,
                                                  GtkTextCharPredic
ate pred,
                                                           gpointer
user_data,
                                                  const GtkTextIter
* limit);
extern gboolean gtk_text_iter_forward_line(GtkTextIter * iter);
extern gboolean gtk_text_iter_forward_lines(GtkTextIter * iter,
                                            gint count);
extern  gboolean  gtk_text_iter_forward_search(const  GtkTextIter  *
iter,
                                               const gchar * str,
                                                 GtkTextSearchFlags
flags,
                                                       GtkTextIter *
match_start,
                                                       GtkTextIter *
match_end,
                                                 const GtkTextIter *
limit);
extern  gboolean  gtk_text_iter_forward_sentence_end(GtkTextIter  *
iter);
extern gboolean gtk_text_iter_forward_sentence_ends(GtkTextIter *
iter,
                                                          gint count);
extern void gtk_text_iter_forward_to_end(GtkTextIter * iter);
extern  gboolean  gtk_text_iter_forward_to_line_end(GtkTextIter  *
iter);
extern gboolean gtk_text_iter_forward_to_tag_toggle(GtkTextIter *
iter,
                                                    GtkTextTag *
tag);
extern                                                           gboolean
```

 © 2008 Linux Foundation

```
gtk_text_iter_forward_visible_cursor_position(GtkTextIter *
                                                                ite
r);
extern                                                  gboolean
gtk_text_iter_forward_visible_cursor_positions(GtkTextIter
                                                                  *
iter,
                                                                   gi
nt count);
extern  gboolean  gtk_text_iter_forward_visible_line(GtkTextIter  *
iter);
extern gboolean gtk_text_iter_forward_visible_lines(GtkTextIter *
iter,
                                                       gint count);
extern                                                  gboolean
gtk_text_iter_forward_visible_word_end(GtkTextIter * iter);
extern                                                  gboolean
gtk_text_iter_forward_visible_word_ends(GtkTextIter * iter,
                                                                gint
count);
extern   gboolean   gtk_text_iter_forward_word_end(GtkTextIter   *
iter);
extern   gboolean   gtk_text_iter_forward_word_ends(GtkTextIter   *
iter,
                                                     gint count);
extern void gtk_text_iter_free(GtkTextIter * iter);
extern  gboolean  gtk_text_iter_get_attributes(const  GtkTextIter  *
iter,
                                                GtkTextAttributes *
values);
extern  GtkTextBuffer  *gtk_text_iter_get_buffer(const  GtkTextIter
* iter);
extern  gint  gtk_text_iter_get_bytes_in_line(const  GtkTextIter  *
iter);
extern gunichar gtk_text_iter_get_char(const GtkTextIter * iter);
extern  gint  gtk_text_iter_get_chars_in_line(const  GtkTextIter  *
iter);
extern   GtkTextChildAnchor   *gtk_text_iter_get_child_anchor(const
GtkTextIter
                                                                  *
iter);
extern       PangoLanguage       *gtk_text_iter_get_language(const
GtkTextIter * iter);
extern gint gtk_text_iter_get_line(const GtkTextIter * iter);
extern   gint   gtk_text_iter_get_line_index(const   GtkTextIter   *
iter);
extern  gint  gtk_text_iter_get_line_offset(const  GtkTextIter  *
iter);
extern GSList *gtk_text_iter_get_marks(const GtkTextIter * iter);
extern gint gtk_text_iter_get_offset(const GtkTextIter * iter);
extern  GdkPixbuf  *gtk_text_iter_get_pixbuf(const  GtkTextIter  *
iter);
extern gchar *gtk_text_iter_get_slice(const GtkTextIter * start,
                                      const GtkTextIter * end);
extern GSList *gtk_text_iter_get_tags(const GtkTextIter * iter);
extern gchar *gtk_text_iter_get_text(const GtkTextIter * start,
                                     const GtkTextIter * end);
extern GSList *gtk_text_iter_get_toggled_tags(const GtkTextIter *
iter,
                                                                gboolean
toggled_on);
extern GType gtk_text_iter_get_type(void);
extern       gint       gtk_text_iter_get_visible_line_index(const
GtkTextIter * iter);
extern      gint      gtk_text_iter_get_visible_line_offset(const
GtkTextIter *
```

```
                                                        iter);
extern gchar *gtk_text_iter_get_visible_slice(const GtkTextIter *
start,
                                                    const GtkTextIter *
end);
extern gchar *gtk_text_iter_get_visible_text(const GtkTextIter *
start,
                                                    const GtkTextIter *
end);
extern gboolean gtk_text_iter_has_tag(const GtkTextIter * iter,
                                      GtkTextTag * tag);
extern gboolean gtk_text_iter_in_range(const GtkTextIter * iter,
                                       const GtkTextIter * start,
                                       const GtkTextIter * end);
extern gboolean gtk_text_iter_inside_sentence(const GtkTextIter *
iter);
extern gboolean gtk_text_iter_inside_word(const GtkTextIter *
iter);
extern      gboolean      gtk_text_iter_is_cursor_position(const
GtkTextIter * iter);
extern gboolean gtk_text_iter_is_end(const GtkTextIter * iter);
extern gboolean gtk_text_iter_is_start(const GtkTextIter * iter);
extern void gtk_text_iter_order(GtkTextIter * first, GtkTextIter
* second);
extern void gtk_text_iter_set_line(GtkTextIter * iter, gint
line_number);
extern void gtk_text_iter_set_line_index(GtkTextIter * iter,
                                         gint byte_on_line);
extern void gtk_text_iter_set_line_offset(GtkTextIter * iter,
                                          gint char_on_line);
extern void gtk_text_iter_set_offset(GtkTextIter * iter, gint
char_offset);
extern void gtk_text_iter_set_visible_line_index(GtkTextIter *
iter,
                                                                gint
byte_on_line);
extern void gtk_text_iter_set_visible_line_offset(GtkTextIter *
iter,
                                                                gint
char_on_line);
extern gboolean gtk_text_iter_starts_line(const GtkTextIter *
iter);
extern gboolean gtk_text_iter_starts_sentence(const GtkTextIter *
iter);
extern gboolean gtk_text_iter_starts_word(const GtkTextIter *
iter);
extern gboolean gtk_text_iter_toggles_tag(const GtkTextIter *
iter,
                                          GtkTextTag * tag);
extern GtkTextBuffer *gtk_text_mark_get_buffer(GtkTextMark *);
extern gboolean gtk_text_mark_get_deleted(GtkTextMark *);
extern gboolean gtk_text_mark_get_left_gravity(GtkTextMark *);
extern const char *gtk_text_mark_get_name(GtkTextMark *);
extern GType gtk_text_mark_get_type(void);
extern gboolean gtk_text_mark_get_visible(GtkTextMark *);
extern void gtk_text_mark_set_visible(GtkTextMark *, gboolean);
extern GType gtk_text_search_flags_get_type(void);
extern gboolean gtk_text_tag_event(GtkTextTag * tag,
                                   GObject * event_object,
                                   GdkEvent * event,
                                   const GtkTextIter * iter);
extern gint gtk_text_tag_get_priority(GtkTextTag * tag);
extern GType gtk_text_tag_get_type(void);
extern GtkTextTag *gtk_text_tag_new(const gchar * name);
extern void gtk_text_tag_set_priority(GtkTextTag * tag, gint
priority);
```

 © 2008 Linux Foundation

```
extern void gtk_text_tag_table_add(GtkTextTagTable * table,
                                   GtkTextTag * tag);
extern void gtk_text_tag_table_foreach(GtkTextTagTable * table,
                                       GtkTextTagTableForeach
func,
                                       gpointer data);
extern gint gtk_text_tag_table_get_size(GtkTextTagTable * table);
extern GType gtk_text_tag_table_get_type(void);
extern  GtkTextTag  *gtk_text_tag_table_lookup(GtkTextTagTable  *
table,
                                               const gchar * name);
extern GtkTextTagTable *gtk_text_tag_table_new(void);
extern void gtk_text_tag_table_remove(GtkTextTagTable * table,
                                      GtkTextTag * tag);
extern   void   gtk_text_view_add_child_at_anchor(GtkTextView   *
text_view,
                                                  GtkWidget * child,
                                                    GtkTextChildAnchor
* anchor);
extern   void   gtk_text_view_add_child_in_window(GtkTextView   *
text_view,
                                                  GtkWidget * child,
                                                  GtkTextWindowType
                                                    which_window, gint
xpos,
                                                  gint ypos);
extern gboolean gtk_text_view_backward_display_line(GtkTextView *
                                                    text_view,
                                                     GtkTextIter *
iter);
extern                                                      gboolean
gtk_text_view_backward_display_line_start(GtkTextView *
                                                       text_vi
ew,
                                                       GtkText
Iter *
                                                      iter);
extern  void  gtk_text_view_buffer_to_window_coords(GtkTextView  *
text_view,
                                                    GtkTextWindowTy
pe win,
                                                   gint buffer_x,
                                                   gint buffer_y,
                                                            gint *
window_x,
                                                            gint *
window_y);
extern  gboolean  gtk_text_view_forward_display_line(GtkTextView  *
text_view,
                                                     GtkTextIter *
iter);
extern                                                      gboolean
gtk_text_view_forward_display_line_end(GtkTextView *
                                                        text_view,
                                                        GtkTextIte
r * iter);
extern   gboolean   gtk_text_view_get_accepts_tab(GtkTextView   *
text_view);
extern  gint  gtk_text_view_get_border_window_size(GtkTextView  *
text_view,
                                                   GtkTextWindowTyp
e type);
extern   GtkTextBuffer   *gtk_text_view_get_buffer(GtkTextView   *
text_view);
extern  gboolean  gtk_text_view_get_cursor_visible(GtkTextView  *
text_view);
```

```
extern                                                  GtkTextAttributes
*gtk_text_view_get_default_attributes(GtkTextView
                                                                       *
                                                                        te
xt_view);
extern    gboolean    gtk_text_view_get_editable(GtkTextView    *
text_view);
extern gint gtk_text_view_get_indent(GtkTextView * text_view);
extern   void   gtk_text_view_get_iter_at_location(GtkTextView   *
text_view,
                                                          GtkTextIter *
iter, gint x,
                                                       gint y);
extern   void   gtk_text_view_get_iter_at_position(GtkTextView   *
text_view,
                                                          GtkTextIter *
iter,
                                                         gint * trailing,
gint x,
                                                       gint y);
extern    void    gtk_text_view_get_iter_location(GtkTextView    *
text_view,
                                                    const GtkTextIter *
iter,
                                                            GdkRectangle *
location);
extern                                                   GtkJustification
gtk_text_view_get_justification(GtkTextView *
                                                                  text_view
);
extern    gint    gtk_text_view_get_left_margin(GtkTextView    *
text_view);
extern void gtk_text_view_get_line_at_y(GtkTextView * text_view,
                                                          GtkTextIter *
target_iter, gint y,
                                              gint * line_top);
extern    void    gtk_text_view_get_line_yrange(GtkTextView    *
text_view,
                                                    const GtkTextIter *
iter,
                                                       gint * y, gint *
height);
extern    gboolean    gtk_text_view_get_overwrite(GtkTextView    *
text_view);
extern  gint  gtk_text_view_get_pixels_above_lines(GtkTextView  *
text_view);
extern  gint  gtk_text_view_get_pixels_below_lines(GtkTextView  *
text_view);
extern  gint  gtk_text_view_get_pixels_inside_wrap(GtkTextView  *
text_view);
extern    gint    gtk_text_view_get_right_margin(GtkTextView    *
text_view);
extern    PangoTabArray    *gtk_text_view_get_tabs(GtkTextView    *
text_view);
extern GType gtk_text_view_get_type(void);
extern    void    gtk_text_view_get_visible_rect(GtkTextView    *
text_view,
                                                          GdkRectangle *
visible_rect);
extern    GdkWindow    *gtk_text_view_get_window(GtkTextView    *
text_view,
                                                       GtkTextWindowType
win);
extern                                                   GtkTextWindowType
gtk_text_view_get_window_type(GtkTextView *
                                                                 text_view,
```

 © 2008 Linux Foundation

```
                                                                GdkWindow
* window);
extern   GtkWrapMode   gtk_text_view_get_wrap_mode(GtkTextView   *
text_view);
extern void gtk_text_view_move_child(GtkTextView * text_view,
                                            GtkWidget * child, gint
xpos,
                                        gint ypos);
extern  gboolean  gtk_text_view_move_mark_onscreen(GtkTextView  *
text_view,
                                                    GtkTextMark *
mark);
extern    gboolean    gtk_text_view_move_visually(GtkTextView    *
text_view,
                                              GtkTextIter * iter,
                                              gint count);
extern GtkWidget *gtk_text_view_new(void);
extern  GtkWidget  *gtk_text_view_new_with_buffer(GtkTextBuffer  *
buffer);
extern gboolean gtk_text_view_place_cursor_onscreen(GtkTextView *
                                                    text_view);
extern   void   gtk_text_view_scroll_mark_onscreen(GtkTextView   *
text_view,
                                                    GtkTextMark *
mark);
extern    gboolean    gtk_text_view_scroll_to_iter(GtkTextView    *
text_view,
                                               GtkTextIter * iter,
                                                            gdouble
within_margin,
                                               gboolean use_align,
                                               gdouble xalign,
                                               gdouble yalign);
extern void gtk_text_view_scroll_to_mark(GtkTextView * text_view,
                                         GtkTextMark * mark,
                                         gdouble within_margin,
                                         gboolean use_align,
                                          gdouble xalign, gdouble
yalign);
extern    void    gtk_text_view_set_accepts_tab(GtkTextView    *
text_view,
                                            gboolean accepts_tab);
extern  void  gtk_text_view_set_border_window_size(GtkTextView  *
text_view,
                                                    GtkTextWindowTyp
e type,
                                                   gint size);
extern void gtk_text_view_set_buffer(GtkTextView * text_view,
                                     GtkTextBuffer * buffer);
extern    void    gtk_text_view_set_cursor_visible(GtkTextView    *
text_view,
                                               gboolean setting);
extern void gtk_text_view_set_editable(GtkTextView * text_view,
                                       gboolean setting);
extern  void  gtk_text_view_set_indent(GtkTextView  *  text_view,
gint indent);
extern    void    gtk_text_view_set_justification(GtkTextView    *
text_view,
                                              GtkJustification
                                              justification);
extern    void    gtk_text_view_set_left_margin(GtkTextView    *
text_view,
                                            gint left_margin);
extern void gtk_text_view_set_overwrite(GtkTextView * text_view,
                                        gboolean overwrite);
extern  void  gtk_text_view_set_pixels_above_lines(GtkTextView  *
```

```
text_view,
                                                                    gint
pixels_above_lines);
extern  void  gtk_text_view_set_pixels_below_lines(GtkTextView  *
text_view,
                                                                    gint
pixels_below_lines);
extern  void  gtk_text_view_set_pixels_inside_wrap(GtkTextView  *
text_view,
                                                                    gint
pixels_inside_wrap);
extern    void    gtk_text_view_set_right_margin(GtkTextView    *
text_view,
                                                gint right_margin);
extern void gtk_text_view_set_tabs(GtkTextView * text_view,
                                   PangoTabArray * tabs);
extern void gtk_text_view_set_wrap_mode(GtkTextView * text_view,
                                        GtkWrapMode wrap_mode);
extern  gboolean  gtk_text_view_starts_display_line(GtkTextView  *
text_view,
                                                                  const
GtkTextIter *
                                                           iter);
extern  void  gtk_text_view_window_to_buffer_coords(GtkTextView  *
text_view,
                                                            GtkTextWindowTy
pe win,
                                                           gint window_x,
                                                           gint window_y,
                                                                    gint *
buffer_x,
                                                                    gint *
buffer_y);
extern GType gtk_text_window_type_get_type(void);
extern  gboolean  gtk_toggle_action_get_active(GtkToggleAction  *
action);
extern                                                          gboolean
gtk_toggle_action_get_draw_as_radio(GtkToggleAction *
                                                             action);
extern GType gtk_toggle_action_get_type(void);
extern GtkToggleAction *gtk_toggle_action_new(const gchar * name,
                                                             const gchar *
label,
                                                             const gchar *
tooltip,
                                                             const gchar *
stock_id);
extern   void   gtk_toggle_action_set_active(GtkToggleAction   *
action,
                                             gboolean is_active);
extern void gtk_toggle_action_set_draw_as_radio(GtkToggleAction *
action,
                                                                 gboolean
draw_as_radio);
extern void gtk_toggle_action_toggled(GtkToggleAction * action);
extern gboolean gtk_toggle_button_get_active(GtkToggleButton *
                                               toggle_button);
extern                                                          gboolean
gtk_toggle_button_get_inconsistent(GtkToggleButton *
                                                            toggle_button)
;
extern gboolean gtk_toggle_button_get_mode(GtkToggleButton *
                                           toggle_button);
extern GType gtk_toggle_button_get_type(void);
extern GtkWidget *gtk_toggle_button_new(void);
extern  GtkWidget  *gtk_toggle_button_new_with_label(const  gchar  *
```

 © 2008 Linux Foundation

```
label);
extern GtkWidget *gtk_toggle_button_new_with_mnemonic(const gchar
* label);
extern   void   gtk_toggle_button_set_active(GtkToggleButton   *
toggle_button,
                                             gboolean is_active);
extern void gtk_toggle_button_set_inconsistent(GtkToggleButton *
                                                toggle_button,
                                                gboolean setting);
extern    void    gtk_toggle_button_set_mode(GtkToggleButton    *
toggle_button,
                                           gboolean draw_indicator);
extern    void    gtk_toggle_button_toggled(GtkToggleButton    *
toggle_button);
extern                                                      gboolean
gtk_toggle_tool_button_get_active(GtkToggleToolButton *
                                                    button);
extern GType gtk_toggle_tool_button_get_type(void);
extern GtkToolItem *gtk_toggle_tool_button_new(void);
extern  GtkToolItem  *gtk_toggle_tool_button_new_from_stock(const
gchar *
                                                             stock_i
d);
extern void gtk_toggle_tool_button_set_active(GtkToggleToolButton
* button,
                                                            gboolean
is_active);
extern const gchar *gtk_tool_button_get_icon_name(GtkToolButton *
button);
extern GtkWidget *gtk_tool_button_get_icon_widget(GtkToolButton *
button);
extern  const  gchar  *gtk_tool_button_get_label(GtkToolButton  *
button);
extern  GtkWidget  *gtk_tool_button_get_label_widget(GtkToolButton
* button);
extern const gchar *gtk_tool_button_get_stock_id(GtkToolButton *
button);
extern GType gtk_tool_button_get_type(void);
extern gboolean gtk_tool_button_get_use_underline(GtkToolButton *
button);
extern GtkToolItem *gtk_tool_button_new(GtkWidget * icon_widget,
                                        const gchar * label);
extern GtkToolItem *gtk_tool_button_new_from_stock(const gchar *
stock_id);
extern void gtk_tool_button_set_icon_name(GtkToolButton * button,
                                                      const gchar *
icon_name);
extern   void   gtk_tool_button_set_icon_widget(GtkToolButton   *
button,
                                                        GtkWidget *
icon_widget);
extern void gtk_tool_button_set_label(GtkToolButton * button,
                                      const gchar * label);
extern   void   gtk_tool_button_set_label_widget(GtkToolButton   *
button,
                                                       GtkWidget *
label_widget);
extern void gtk_tool_button_set_stock_id(GtkToolButton * button,
                                         const gchar * stock_id);
extern   void   gtk_tool_button_set_use_underline(GtkToolButton  *
button,
                                                            gboolean
use_underline);
extern     gboolean     gtk_tool_item_get_expand(GtkToolItem     *
tool_item);
extern   gboolean   gtk_tool_item_get_homogeneous(GtkToolItem   *
```

```
tool_item);
extern   GtkIconSize   gtk_tool_item_get_icon_size(GtkToolItem   *
tool_item);
extern   gboolean   gtk_tool_item_get_is_important(GtkToolItem   *
tool_item);
extern GtkOrientation gtk_tool_item_get_orientation(GtkToolItem *
                                                    tool_item);
extern GtkWidget *gtk_tool_item_get_proxy_menu_item(GtkToolItem *
                                                    tool_item,
                                                    const gchar *
                                                     menu_item_id)
;
extern  GtkReliefStyle  gtk_tool_item_get_relief_style(GtkToolItem
*
                                                      tool_item);
extern                                               GtkToolbarStyle
gtk_tool_item_get_toolbar_style(GtkToolItem *
                                                          tool_item)
;
extern GType gtk_tool_item_get_type(void);
extern  gboolean  gtk_tool_item_get_use_drag_window(GtkToolItem  *
tool_item);
extern  gboolean  gtk_tool_item_get_visible_horizontal(GtkToolItem
*
                                                      tool_item);
extern gboolean gtk_tool_item_get_visible_vertical(GtkToolItem *
                                                   tool_item);
extern GtkToolItem *gtk_tool_item_new(void);
extern void gtk_tool_item_rebuild_menu(GtkToolItem * tool_item);
extern                                                   GtkWidget
*gtk_tool_item_retrieve_proxy_menu_item(GtkToolItem *
                                                       tool_ite
m);
extern void gtk_tool_item_set_expand(GtkToolItem * tool_item,
                                     gboolean expand);
extern    void    gtk_tool_item_set_homogeneous(GtkToolItem    *
tool_item,
                                            gboolean homogeneous);
extern    void    gtk_tool_item_set_is_important(GtkToolItem    *
tool_item,
                                                         gboolean
is_important);
extern   void   gtk_tool_item_set_proxy_menu_item(GtkToolItem   *
tool_item,
                                                   const gchar *
menu_item_id,
                                                     GtkWidget *
menu_item);
extern void gtk_tool_item_set_tooltip(GtkToolItem * tool_item,
                                      GtkTooltips * tooltips,
                                      const gchar * tip_text,
                                      const gchar * tip_private);
extern   void   gtk_tool_item_set_use_drag_window(GtkToolItem   *
tool_item,
                                                         gboolean
use_drag_window);
extern  void  gtk_tool_item_set_visible_horizontal(GtkToolItem  *
tool_item,
                                                 gboolean
                                                  visible_horizont
al);
extern   void   gtk_tool_item_set_visible_vertical(GtkToolItem   *
tool_item,
                                                         gboolean
visible_vertical);
extern GType gtk_toolbar_child_type_get_type(void);
```

 © 2008 Linux Foundation

```
extern gint gtk_toolbar_get_drop_index(GtkToolbar * toolbar, gint
x,
                                       gint y);
extern    GtkIconSize    gtk_toolbar_get_icon_size(GtkToolbar    *
toolbar);
extern gint gtk_toolbar_get_item_index(GtkToolbar * toolbar,
                                       GtkToolItem * item);
extern gint gtk_toolbar_get_n_items(GtkToolbar * toolbar);
extern    GtkToolItem    *gtk_toolbar_get_nth_item(GtkToolbar    *
toolbar, gint n);
extern  GtkOrientation  gtk_toolbar_get_orientation(GtkToolbar  *
toolbar);
extern  GtkReliefStyle  gtk_toolbar_get_relief_style(GtkToolbar  *
toolbar);
extern gboolean gtk_toolbar_get_show_arrow(GtkToolbar * toolbar);
extern    GtkToolbarStyle    gtk_toolbar_get_style(GtkToolbar    *
toolbar);
extern gboolean gtk_toolbar_get_tooltips(GtkToolbar * toolbar);
extern GType gtk_toolbar_get_type(void);
extern void gtk_toolbar_insert(GtkToolbar * toolbar, GtkToolItem
* item,
                               gint pos);
extern GtkWidget *gtk_toolbar_new(void);
extern   void   gtk_toolbar_set_drop_highlight_item(GtkToolbar   *
toolbar,
                                                    GtkToolItem *
tool_item,
                                                    gint index_);
extern void gtk_toolbar_set_icon_size(GtkToolbar * toolbar,
                                      GtkIconSize icon_size);
extern void gtk_toolbar_set_orientation(GtkToolbar * toolbar,
                                        GtkOrientation
orientation);
extern void gtk_toolbar_set_show_arrow(GtkToolbar * toolbar,
                                       gboolean show_arrow);
extern void gtk_toolbar_set_style(GtkToolbar * toolbar,
                                  GtkToolbarStyle style);
extern void gtk_toolbar_set_tooltips(GtkToolbar * toolbar,
                                     gboolean enable);
extern GType gtk_toolbar_space_style_get_type(void);
extern GType gtk_toolbar_style_get_type(void);
extern void gtk_toolbar_unset_style(GtkToolbar * toolbar);
extern    GtkTooltipsData    *gtk_tooltips_data_get(GtkWidget    *
widget);
extern void gtk_tooltips_disable(GtkTooltips * tooltips);
extern void gtk_tooltips_enable(GtkTooltips * tooltips);
extern void gtk_tooltips_force_window(GtkTooltips * tooltips);
extern gboolean gtk_tooltips_get_info_from_tip_window(GtkWindow *
                                                      tip_window,
                                                      GtkTooltips
*
                                                      *tooltips,
                                                      GtkWidget *
                                                      *current_wi
dget);
extern GType gtk_tooltips_get_type(void);
extern GtkTooltips *gtk_tooltips_new(void);
extern void gtk_tooltips_set_tip(GtkTooltips * tooltips,
                                 GtkWidget * widget,
                                 const gchar * tip_text,
                                 const gchar * tip_private);
extern                                                    gboolean
gtk_tree_drag_dest_drag_data_received(GtkTreeDragDest *
                                                      drag_dest,
                                                      GtkTreePath
* dest,
```

```
                                                        GtkSelectio
nData *
                                                        selection_d
ata);
extern GType gtk_tree_drag_dest_get_type(void);
extern                                                      gboolean
gtk_tree_drag_dest_row_drop_possible(GtkTreeDragDest *
                                                       drag_dest,
                                                        GtkTreePath
*
                                                       dest_path,
                                                        GtkSelection
Data *
                                                        selection_da
ta);
extern                                                      gboolean
gtk_tree_drag_source_drag_data_delete(GtkTreeDragSource *
                                                        drag_source
,
                                                        GtkTreePath
* path);
extern                                                      gboolean
gtk_tree_drag_source_drag_data_get(GtkTreeDragSource *
                                                      drag_source,
                                                         GtkTreePath *
path,
                                                       GtkSelectionDa
ta *
                                                       selection_data
);
extern GType gtk_tree_drag_source_get_type(void);
extern                                                      gboolean
gtk_tree_drag_source_row_draggable(GtkTreeDragSource *
                                                      drag_source,
                                                         GtkTreePath *
path);
extern gboolean gtk_tree_get_row_drag_data(GtkSelectionData *
                                           selection_data,
                                                   GtkTreeModel *
*tree_model,
                                           GtkTreePath * *path);
extern GtkTreeIter *gtk_tree_iter_copy(GtkTreeIter * iter);
extern void gtk_tree_iter_free(GtkTreeIter * iter);
extern GType gtk_tree_iter_get_type(void);
extern  void  gtk_tree_model_filter_clear_cache(GtkTreeModelFilter
* filter);
extern void
gtk_tree_model_filter_convert_child_iter_to_iter(GtkTreeModelFilt
er *
                                                    filter,
                                                       GtkTreeIter *
filter_iter,
                                                       GtkTreeIter *
child_iter);
extern GtkTreePath
     *gtk_tree_model_filter_convert_child_path_to_path(GtkTreeMode
lFilter *
                                                        filter,
                                                        GtkTreePath
*
                                                        child_path)
;
extern void
gtk_tree_model_filter_convert_iter_to_child_iter(GtkTreeModelFilt
er *
                                                    filter,
```

 © 2008 Linux Foundation

```
                                                    GtkTreeIter *
child_iter,
                                                  GtkTreeIter *
                                                  filter_iter);
extern GtkTreePath
     *gtk_tree_model_filter_convert_path_to_child_path(GtkTreeMode
lFilter *
                                                     filter,
                                                     GtkTreePath
*
                                                     filter_path
);
extern                                               GtkTreeModel
*gtk_tree_model_filter_get_model(GtkTreeModelFilter *
                                                    filter);
extern GType gtk_tree_model_filter_get_type(void);
extern   GtkTreeModel   *gtk_tree_model_filter_new(GtkTreeModel   *
child_model,
                                                    GtkTreePath *
root);
extern  void  gtk_tree_model_filter_refilter(GtkTreeModelFilter  *
filter);
extern                                                        void
gtk_tree_model_filter_set_modify_func(GtkTreeModelFilter *
                                                     filter, gint
n_columns,
                                                   GType * types,
                                                    GtkTreeModelFil
terModifyFunc
                                                     func, gpointer
data,
                                                    GtkDestroyNotif
y
                                                   destroy);
extern                                                        void
gtk_tree_model_filter_set_visible_column(GtkTreeModelFilter *
                                                       filter, gint
column);
extern                                                        void
gtk_tree_model_filter_set_visible_func(GtkTreeModelFilter *
                                                     filter,
                                                     GtkTreeModelFi
lterVisibleFunc
                                                     func, gpointer
data,
                                                     GtkDestroyNoti
fy
                                                    destroy);
extern GType gtk_tree_model_flags_get_type(void);
extern void gtk_tree_model_foreach(GtkTreeModel * model,
                                   GtkTreeModelForeachFunc func,
                                   gpointer user_data);
extern void gtk_tree_model_get(GtkTreeModel * tree_model,
                               GtkTreeIter * iter, ...);
extern    GType    gtk_tree_model_get_column_type(GtkTreeModel    *
tree_model,
                                            gint index_);
extern GtkTreeModelFlags gtk_tree_model_get_flags(GtkTreeModel *
                                                  tree_model);
extern     gboolean     gtk_tree_model_get_iter(GtkTreeModel     *
tree_model,
                                         GtkTreeIter * iter,
                                         GtkTreePath * path);
extern   gboolean   gtk_tree_model_get_iter_first(GtkTreeModel   *
tree_model,
                                                    GtkTreeIter *
```

```
iter);
extern  gboolean  gtk_tree_model_get_iter_from_string(GtkTreeModel
*
                                                      tree_model,
                                                       GtkTreeIter *
iter,
                                                      const gchar *
                                                      path_string);
extern    gint    gtk_tree_model_get_n_columns(GtkTreeModel    *
tree_model);
extern   GtkTreePath   *gtk_tree_model_get_path(GtkTreeModel   *
tree_model,
                                                GtkTreeIter * iter);
extern gchar *gtk_tree_model_get_string_from_iter(GtkTreeModel *
                                                    tree_model,
                                                      GtkTreeIter *
iter);
extern GType gtk_tree_model_get_type(void);
extern void gtk_tree_model_get_valist(GtkTreeModel * tree_model,
                                      GtkTreeIter * iter,
                                      va_list var_args);
extern void gtk_tree_model_get_value(GtkTreeModel * tree_model,
                                        GtkTreeIter * iter, gint
column,
                                     GValue * value);
extern   gboolean   gtk_tree_model_iter_children(GtkTreeModel   *
tree_model,
                                                 GtkTreeIter * iter,
                                                        GtkTreeIter *
parent);
extern   gboolean   gtk_tree_model_iter_has_child(GtkTreeModel   *
tree_model,
                                                      GtkTreeIter *
iter);
extern    gint    gtk_tree_model_iter_n_children(GtkTreeModel    *
tree_model,
                                                 GtkTreeIter * iter);
extern    gboolean    gtk_tree_model_iter_next(GtkTreeModel    *
tree_model,
                                               GtkTreeIter * iter);
extern   gboolean   gtk_tree_model_iter_nth_child(GtkTreeModel   *
tree_model,
                                                    GtkTreeIter * iter,
                                                        GtkTreeIter *
parent,
                                                    gint n);
extern    gboolean    gtk_tree_model_iter_parent(GtkTreeModel    *
tree_model,
                                                 GtkTreeIter * iter,
                                                 GtkTreeIter * child);
extern void gtk_tree_model_ref_node(GtkTreeModel * tree_model,
                                    GtkTreeIter * iter);
extern void gtk_tree_model_row_changed(GtkTreeModel * tree_model,
                                       GtkTreePath * path,
                                       GtkTreeIter * iter);
extern void gtk_tree_model_row_deleted(GtkTreeModel * tree_model,
                                       GtkTreePath * path);
extern  void  gtk_tree_model_row_has_child_toggled(GtkTreeModel  *
tree_model,
                                                      GtkTreePath *
path,
                                                      GtkTreeIter *
iter);
extern     void     gtk_tree_model_row_inserted(GtkTreeModel     *
tree_model,
                                               GtkTreePath * path,
```

 © 2008 Linux Foundation

```
                                        GtkTreeIter * iter);
extern    void    gtk_tree_model_rows_reordered(GtkTreeModel    *
tree_model,
                                          GtkTreePath * path,
                                          GtkTreeIter * iter,
                                          gint * new_order);
extern void gtk_tree_model_sort_clear_cache(GtkTreeModelSort *
                                            tree_model_sort);
extern                                                   void
gtk_tree_model_sort_convert_child_iter_to_iter(GtkTreeModelSort
                                                              *
                                                               tree_m
odel_sort,
                                                               GtkTre
eIter *
                                                               sort_i
ter,
                                                               GtkTre
eIter *
                                                               child_
iter);
extern GtkTreePath
     *gtk_tree_model_sort_convert_child_path_to_path(GtkTreeModelS
ort *
                                                    tree_model_so
rt,
                                                   GtkTreePath *
                                                   child_path);
extern                                                   void
gtk_tree_model_sort_convert_iter_to_child_iter(GtkTreeModelSort
                                                              *
                                                               tree_m
odel_sort,
                                                               GtkTre
eIter *
                                                               child_
iter,
                                                               GtkTre
eIter *
                                                               sorted
_iter);
extern GtkTreePath
     *gtk_tree_model_sort_convert_path_to_child_path(GtkTreeModelS
ort *
                                                    tree_model_so
rt,
                                                   GtkTreePath *
                                                   sorted_path);
extern                                                    GtkTreeModel
*gtk_tree_model_sort_get_model(GtkTreeModelSort *
                                                  tree_model);
extern GType gtk_tree_model_sort_get_type(void);
extern                                                      gboolean
gtk_tree_model_sort_iter_is_valid(GtkTreeModelSort *
                                                 tree_model_sort
,
                                                   GtkTreeIter *
iter);
extern                                                    GtkTreeModel
*gtk_tree_model_sort_new_with_model(GtkTreeModel *
                                                      child_mod
el);
extern                                                         void
gtk_tree_model_sort_reset_default_sort_func(GtkTreeModelSort *
                                                      tree_mode
l_sort);
```

```
extern void gtk_tree_model_unref_node(GtkTreeModel * tree_model,
                                      GtkTreeIter * iter);
extern void gtk_tree_path_append_index(GtkTreePath * path, gint
index_);
extern gint gtk_tree_path_compare(const GtkTreePath * a,
                                  const GtkTreePath * b);
extern GtkTreePath *gtk_tree_path_copy(const GtkTreePath * path);
extern void gtk_tree_path_down(GtkTreePath * path);
extern void gtk_tree_path_free(GtkTreePath * path);
extern gint gtk_tree_path_get_depth(GtkTreePath * path);
extern gint *gtk_tree_path_get_indices(GtkTreePath * path);
extern GType gtk_tree_path_get_type(void);
extern gboolean gtk_tree_path_is_ancestor(GtkTreePath * path,
                                                        GtkTreePath *
descendant);
extern gboolean gtk_tree_path_is_descendant(GtkTreePath * path,
                                                        GtkTreePath *
ancestor);
extern GtkTreePath *gtk_tree_path_new(void);
extern GtkTreePath *gtk_tree_path_new_first(void);
extern      GtkTreePath      *gtk_tree_path_new_from_indices(gint
first_index, ...);
extern GtkTreePath *gtk_tree_path_new_from_string(const gchar *
path);
extern void gtk_tree_path_next(GtkTreePath * path);
extern void gtk_tree_path_prepend_index(GtkTreePath * path, gint
index_);
extern gboolean gtk_tree_path_prev(GtkTreePath * path);
extern gchar *gtk_tree_path_to_string(GtkTreePath * path);
extern gboolean gtk_tree_path_up(GtkTreePath * path);
extern                                          GtkTreeRowReference
*gtk_tree_row_reference_copy(GtkTreeRowReference
                                                                    *
reference);
extern void gtk_tree_row_reference_deleted(GObject * proxy,
                                           GtkTreePath * path);
extern  void  gtk_tree_row_reference_free(GtkTreeRowReference  *
reference);
extern                                                GtkTreeModel
*gtk_tree_row_reference_get_model(GtkTreeRowReference *
                                                       reference);
extern                                                 GtkTreePath
*gtk_tree_row_reference_get_path(GtkTreeRowReference *
                                                      reference);
extern GType gtk_tree_row_reference_get_type(void);
extern void gtk_tree_row_reference_inserted(GObject * proxy,
                                            GtkTreePath * path);
extern                                          GtkTreeRowReference
*gtk_tree_row_reference_new(GtkTreeModel *
                                                        model,
                                                         GtkTreePat
h * path);
extern                                          GtkTreeRowReference
*gtk_tree_row_reference_new_proxy(GObject *
                                                                prox
y,
                                                                GtkT
reeModel *
                                                                mode
l,
                                                                GtkT
reePath *
                                                                path
);
extern void gtk_tree_row_reference_reordered(GObject * proxy,
                                             GtkTreePath * path,
```

 © 2008 Linux Foundation

```
                                                GtkTreeIter * iter,
                                                gint * new_order);
extern  gboolean  gtk_tree_row_reference_valid(GtkTreeRowReference
*
                                                reference);
extern                                                          gint
gtk_tree_selection_count_selected_rows(GtkTreeSelection *
                                                  selection);
extern                                           GtkSelectionMode
gtk_tree_selection_get_mode(GtkTreeSelection *
                                                   selection);
extern  gboolean  gtk_tree_selection_get_selected(GtkTreeSelection
*
                                               selection,
                                                  GtkTreeModel *
*model,
                                                   GtkTreeIter *
iter);
extern                                                          GList
*gtk_tree_selection_get_selected_rows(GtkTreeSelection *
                                                 selection,
                                                  GtkTreeModel *
*model);
extern                                              GtkTreeView
*gtk_tree_selection_get_tree_view(GtkTreeSelection *
                                                    selection);
extern GType gtk_tree_selection_get_type(void);
extern  gpointer  gtk_tree_selection_get_user_data(GtkTreeSelection
*
                                                 selection);
extern                                                  gboolean
gtk_tree_selection_iter_is_selected(GtkTreeSelection *
                                                   selection,
                                                   GtkTreeIter *
iter);
extern                                                       gboolean
gtk_tree_selection_path_is_selected(GtkTreeSelection *
                                                  selection,
                                                   GtkTreePath *
path);
extern   void   gtk_tree_selection_select_all(GtkTreeSelection   *
selection);
extern   void   gtk_tree_selection_select_iter(GtkTreeSelection   *
selection,
                                            GtkTreeIter * iter);
extern   void   gtk_tree_selection_select_path(GtkTreeSelection   *
selection,
                                            GtkTreePath * path);
extern  void  gtk_tree_selection_select_range(GtkTreeSelection  *
selection,
                                                   GtkTreePath *
start_path,
                                                   GtkTreePath *
end_path);
extern  void  gtk_tree_selection_selected_foreach(GtkTreeSelection
*
                                                selection,
                                                 GtkTreeSelectionF
oreachFunc
                                                    func, gpointer
data);
extern    void    gtk_tree_selection_set_mode(GtkTreeSelection    *
selection,
                                         GtkSelectionMode type);
extern                                                          void
gtk_tree_selection_set_select_function(GtkTreeSelection *
```

```
                                                        selection,
                                                        GtkTreeSelecti
onFunc
                                                        func, gpointer
data,
                                                        GtkDestroyNoti
fy
                                                       destroy);
extern  void  gtk_tree_selection_unselect_all(GtkTreeSelection  *
selection);
extern  void  gtk_tree_selection_unselect_iter(GtkTreeSelection  *
selection,
                                                 GtkTreeIter * iter);
extern  void  gtk_tree_selection_unselect_path(GtkTreeSelection  *
selection,
                                                 GtkTreePath * path);
extern  void  gtk_tree_selection_unselect_range(GtkTreeSelection  *
selection,
                                                        GtkTreePath *
start_path,
                                                        GtkTreePath *
end_path);
extern gboolean gtk_tree_set_row_drag_data(GtkSelectionData *
                                           selection_data,
                                                       GtkTreeModel *
tree_model,
                                                  GtkTreePath * path);
extern                                                    gboolean
gtk_tree_sortable_get_sort_column_id(GtkTreeSortable *
                                                        sortable,
                                                              gint *
sort_column_id,
                                                          GtkSortType
* order);
extern GType gtk_tree_sortable_get_type(void);
extern                                                      gboolean
gtk_tree_sortable_has_default_sort_func(GtkTreeSortable *
                                                            sortable)
;
extern                                                           void
gtk_tree_sortable_set_default_sort_func(GtkTreeSortable *
                                                        sortable,
                                                        GtkTreeIterCo
mpareFunc
                                                        sort_func,
                                                              gpointer
user_data,
                                                        GtkDestroyNot
ify
                                                        destroy);
extern  void  gtk_tree_sortable_set_sort_column_id(GtkTreeSortable
*
                                                   sortable,
                                                                gint
sort_column_id,
                                                          GtkSortType
order);
extern  void  gtk_tree_sortable_set_sort_func(GtkTreeSortable  *
sortable,
                                              gint sort_column_id,
                                              GtkTreeIterCompareFun
c
                                                sort_func, gpointer
user_data,
                                                    GtkDestroyNotify
destroy);
```

 © 2008 Linux Foundation

```
extern  void  gtk_tree_sortable_sort_column_changed(GtkTreeSortable
*
                                                    sortable);
extern void gtk_tree_store_append(GtkTreeStore * tree_store,
                                  GtkTreeIter * iter,
                                  GtkTreeIter * parent);
extern void gtk_tree_store_clear(GtkTreeStore * tree_store);
extern GType gtk_tree_store_get_type(void);
extern void gtk_tree_store_insert(GtkTreeStore * tree_store,
                                   GtkTreeIter * iter, GtkTreeIter
* parent,
                                  gint position);
extern     void     gtk_tree_store_insert_after(GtkTreeStore     *
tree_store,
                                       GtkTreeIter * iter,
                                       GtkTreeIter * parent,
                                       GtkTreeIter * sibling);
extern    void    gtk_tree_store_insert_before(GtkTreeStore    *
tree_store,
                                        GtkTreeIter * iter,
                                        GtkTreeIter * parent,
                                        GtkTreeIter * sibling);
extern    gboolean    gtk_tree_store_is_ancestor(GtkTreeStore    *
tree_store,
                                         GtkTreeIter * iter,
                                                 GtkTreeIter  *
descendant);
extern gint gtk_tree_store_iter_depth(GtkTreeStore * tree_store,
                                      GtkTreeIter * iter);
extern   gboolean   gtk_tree_store_iter_is_valid(GtkTreeStore   *
tree_store,
                                           GtkTreeIter * iter);
extern void gtk_tree_store_move_after(GtkTreeStore * tree_store,
                                      GtkTreeIter * iter,
                                      GtkTreeIter * position);
extern void gtk_tree_store_move_before(GtkTreeStore * tree_store,
                                       GtkTreeIter * iter,
                                       GtkTreeIter * position);
extern GtkTreeStore *gtk_tree_store_new(gint n_columns, ...);
extern  GtkTreeStore  *gtk_tree_store_newv(gint  n_columns,  GType  *
types);
extern void gtk_tree_store_prepend(GtkTreeStore * tree_store,
                                   GtkTreeIter * iter,
                                   GtkTreeIter * parent);
extern gboolean gtk_tree_store_remove(GtkTreeStore * tree_store,
                                      GtkTreeIter * iter);
extern void gtk_tree_store_reorder(GtkTreeStore * tree_store,
                                    GtkTreeIter * parent, gint *
new_order);
extern void gtk_tree_store_set(GtkTreeStore * tree_store,
                               GtkTreeIter * iter, ...);
extern   void   gtk_tree_store_set_column_types(GtkTreeStore   *
tree_store,
                                          gint n_columns, GType
* types);
extern void gtk_tree_store_set_valist(GtkTreeStore * tree_store,
                                      GtkTreeIter * iter,
                                      va_list var_args);
extern void gtk_tree_store_set_value(GtkTreeStore * tree_store,
                                        GtkTreeIter * iter, gint
column,
                                     GValue * value);
extern   void   gtk_tree_store_swap(GtkTreeStore   *   tree_store,
GtkTreeIter * a,
                                GtkTreeIter * b);
extern gint gtk_tree_view_append_column(GtkTreeView * tree_view,
```

```
                                                GtkTreeViewColumn *
column);
extern void gtk_tree_view_collapse_all(GtkTreeView * tree_view);
extern    gboolean    gtk_tree_view_collapse_row(GtkTreeView    *
tree_view,
                                             GtkTreePath * path);
extern  void  gtk_tree_view_column_add_attribute(GtkTreeViewColumn
*
                                             tree_column,
                                             GtkCellRenderer *
                                             cell_renderer,
                                                  const gchar *
attribute,
                                             gint column);
extern                                                    gboolean
gtk_tree_view_column_cell_get_position(GtkTreeViewColumn *
                                                     tree_colum
n,
                                                     GtkCellRen
derer *
                                                     cell_rende
rer,
                                                         gint *
start_pos,
                                                         gint *
width);
extern  void  gtk_tree_view_column_cell_get_size(GtkTreeViewColumn
*
                                             tree_column,
                                                 GdkRectangle *
cell_area,
                                             gint * x_offset,
                                             gint * y_offset,
                                             gint * width,
                                             gint * height);
extern                                                    gboolean
gtk_tree_view_column_cell_is_visible(GtkTreeViewColumn *
                                                      tree_column)
;
extern                                                        void
gtk_tree_view_column_cell_set_cell_data(GtkTreeViewColumn *
                                                     tree_column,
                                                      GtkTreeModel
*
                                                     tree_model,
                                                     GtkTreeIter *
iter,
                                                          gboolean
is_expander,
                                                          gboolean
is_expanded);
extern   void   gtk_tree_view_column_clear(GtkTreeViewColumn   *
tree_column);
extern                                                        void
gtk_tree_view_column_clear_attributes(GtkTreeViewColumn *
                                                    tree_column,
                                                     GtkCellRenderer
*
                                                    cell_renderer);
extern   void   gtk_tree_view_column_clicked(GtkTreeViewColumn   *
tree_column);
extern void gtk_tree_view_column_focus_cell(GtkTreeViewColumn *
                                            tree_column,
                                                GtkCellRenderer *
cell);
extern                                                        gfloat
```

 © 2008 Linux Foundation

```
gtk_tree_view_column_get_alignment(GtkTreeViewColumn *
                                                   tree_column);
extern                                                      GList
*gtk_tree_view_column_get_cell_renderers(GtkTreeViewColumn *
                                                     tree_column
);
extern                                                     gboolean
gtk_tree_view_column_get_clickable(GtkTreeViewColumn *
                                                    tree_column);
extern  gboolean  gtk_tree_view_column_get_expand(GtkTreeViewColumn
*
                                                  tree_column);
extern                                                      gint
gtk_tree_view_column_get_fixed_width(GtkTreeViewColumn *
                                                   tree_column);
extern  gint  gtk_tree_view_column_get_max_width(GtkTreeViewColumn
*
                                                 tree_column);
extern  gint  gtk_tree_view_column_get_min_width(GtkTreeViewColumn
*
                                                 tree_column);
extern                                                     gboolean
gtk_tree_view_column_get_reorderable(GtkTreeViewColumn *
                                                    tree_column)
;
extern                                                     gboolean
gtk_tree_view_column_get_resizable(GtkTreeViewColumn *
                                                    tree_column);
extern GtkTreeViewColumnSizing
gtk_tree_view_column_get_sizing(GtkTreeViewColumn * tree_column);
extern                                                      gint
gtk_tree_view_column_get_sort_column_id(GtkTreeViewColumn *
                                                     tree_column);
extern                                                     gboolean
gtk_tree_view_column_get_sort_indicator(GtkTreeViewColumn *
                                                       tree_colu
mn);
extern                                                  GtkSortType
gtk_tree_view_column_get_sort_order(GtkTreeViewColumn *
                                                      tree_colum
n);
extern gint gtk_tree_view_column_get_spacing(GtkTreeViewColumn *
                                                 tree_column);
extern                          const                       gchar
*gtk_tree_view_column_get_title(GtkTreeViewColumn *
                                                    tree_column);
extern GType gtk_tree_view_column_get_type(void);
extern                                                     gboolean
gtk_tree_view_column_get_visible(GtkTreeViewColumn *
                                                   tree_column);
extern                                                     GtkWidget
*gtk_tree_view_column_get_widget(GtkTreeViewColumn *
                                                    tree_column);
extern gint gtk_tree_view_column_get_width(GtkTreeViewColumn *
                                               tree_column);
extern GtkTreeViewColumn *gtk_tree_view_column_new(void);
extern                                              GtkTreeViewColumn
*gtk_tree_view_column_new_with_attributes(const

gchar *

title,

GtkCellRenderer

* cell,
```

```
...);
extern  void  gtk_tree_view_column_pack_end(GtkTreeViewColumn  *
tree_column,
                                            GtkCellRenderer * cell,
                                            gboolean expand);
extern void gtk_tree_view_column_pack_start(GtkTreeViewColumn *
                                              tree_column,
                                                   GtkCellRenderer *
cell,
                                              gboolean expand);
extern void gtk_tree_view_column_queue_resize(GtkTreeViewColumn *
                                                tree_column);
extern  void  gtk_tree_view_column_set_alignment(GtkTreeViewColumn
*
                                                     tree_column,
gfloat xalign);
extern  void  gtk_tree_view_column_set_attributes(GtkTreeViewColumn
*
                                                    tree_column,
                                                    GtkCellRenderer *
                                                     cell_renderer, ..
.);
extern                                                          void
gtk_tree_view_column_set_cell_data_func(GtkTreeViewColumn *
                                                        tree_column,
                                                         GtkCellRender
er *
                                                         cell_renderer
,
                                                         GtkTreeCellDa
taFunc
                                                        func,
                                                              gpointer
func_data,
                                                         GtkDestroyNot
ify
                                                        destroy);
extern  void  gtk_tree_view_column_set_clickable(GtkTreeViewColumn
*
                                                   tree_column,
                                                            gboolean
clickable);
extern void gtk_tree_view_column_set_expand(GtkTreeViewColumn *
                                              tree_column, gboolean
expand);
extern                                                               void
gtk_tree_view_column_set_fixed_width(GtkTreeViewColumn *
                                                 tree_column,
                                                            gint
fixed_width);
extern  void  gtk_tree_view_column_set_max_width(GtkTreeViewColumn
*
                                                   tree_column,
                                                   gint max_width);
extern  void  gtk_tree_view_column_set_min_width(GtkTreeViewColumn
*
                                                   tree_column,
                                                   gint min_width);
extern                                                          void
gtk_tree_view_column_set_reorderable(GtkTreeViewColumn *
                                                 tree_column,
                                                         gboolean
reorderable);
extern  void  gtk_tree_view_column_set_resizable(GtkTreeViewColumn
*
```

 © 2008 Linux Foundation

```
                                                tree_column,
                                                          gboolean
resizable);
extern void gtk_tree_view_column_set_sizing(GtkTreeViewColumn *
                                            tree_column,
                                            GtkTreeViewColumnSizi
ng type);
extern                                                          void
gtk_tree_view_column_set_sort_column_id(GtkTreeViewColumn *
                                                    tree_column,
                                                             gint
sort_column_id);
extern                                                          void
gtk_tree_view_column_set_sort_indicator(GtkTreeViewColumn *
                                                    tree_column,
                                                           gboolean
setting);
extern  void  gtk_tree_view_column_set_sort_order(GtkTreeViewColumn
*
                                                tree_column,
                                                   GtkSortType
order);
extern void gtk_tree_view_column_set_spacing(GtkTreeViewColumn *
                                                 tree_column, gint
spacing);
extern  void  gtk_tree_view_column_set_title(GtkTreeViewColumn  *
tree_column,
                                           const gchar * title);
extern void gtk_tree_view_column_set_visible(GtkTreeViewColumn *
                                             tree_column,
                                             gboolean visible);
extern void gtk_tree_view_column_set_widget(GtkTreeViewColumn *
                                            tree_column,
                                            GtkWidget * widget);
extern GType gtk_tree_view_column_sizing_get_type(void);
extern    void    gtk_tree_view_columns_autosize(GtkTreeView    *
tree_view);
extern  GdkPixmap  *gtk_tree_view_create_row_drag_icon(GtkTreeView
*
                                                    tree_view,
                                                     GtkTreePath
* path);
extern GType gtk_tree_view_drop_position_get_type(void);
extern  void  gtk_tree_view_enable_model_drag_dest(GtkTreeView  *
tree_view,
                                                           const
GtkTargetEntry *
                                                    targets, gint
n_targets,
                                                    GdkDragAction
actions);
extern  void  gtk_tree_view_enable_model_drag_source(GtkTreeView  *
tree_view,
                                                   GdkModifierTyp
e
                                                   start_button_m
ask,
                                                           const
GtkTargetEntry *
                                                    targets, gint
n_targets,
                                                    GdkDragAction
actions);
extern void gtk_tree_view_expand_all(GtkTreeView * tree_view);
extern gboolean gtk_tree_view_expand_row(GtkTreeView * tree_view,
                                         GtkTreePath * path,
```

```
                                            gboolean open_all);
extern void gtk_tree_view_expand_to_path(GtkTreeView * tree_view,
                                            GtkTreePath * path);
extern   void   gtk_tree_view_get_background_area(GtkTreeView   *
tree_view,
                                                  GtkTreePath * path,
                                                   GtkTreeViewColumn *
column,
                                                        GdkRectangle *
rect);
extern   GdkWindow   *gtk_tree_view_get_bin_window(GtkTreeView   *
tree_view);
extern void gtk_tree_view_get_cell_area(GtkTreeView * tree_view,
                                           GtkTreePath * path,
                                                 GtkTreeViewColumn *
column,
                                           GdkRectangle * rect);
extern  GtkTreeViewColumn  *gtk_tree_view_get_column(GtkTreeView  *
tree_view,
                                                       gint n);
extern GList *gtk_tree_view_get_columns(GtkTreeView * tree_view);
extern void gtk_tree_view_get_cursor(GtkTreeView * tree_view,
                                     GtkTreePath * *path,
                                                 GtkTreeViewColumn  *
*focus_column);
extern  gboolean  gtk_tree_view_get_dest_row_at_pos(GtkTreeView  *
tree_view,
                                                          gint drag_x,
gint drag_y,
                                                        GtkTreePath *
*path,
                                                       GtkTreeViewDrop
Position *
                                                      pos);
extern    void    gtk_tree_view_get_drag_dest_row(GtkTreeView    *
tree_view,
                                                GtkTreePath * *path,
                                                 GtkTreeViewDropPositi
on * pos);
extern   gboolean   gtk_tree_view_get_enable_search(GtkTreeView   *
tree_view);
extern                                            GtkTreeViewColumn
*gtk_tree_view_get_expander_column(GtkTreeView *
                                                                  tree_
view);
extern gboolean gtk_tree_view_get_fixed_height_mode(GtkTreeView *
                                                      tree_view);
extern GtkAdjustment *gtk_tree_view_get_hadjustment(GtkTreeView *
                                                      tree_view);
extern  gboolean  gtk_tree_view_get_headers_visible(GtkTreeView  *
tree_view);
extern   gboolean   gtk_tree_view_get_hover_expand(GtkTreeView   *
tree_view);
extern  gboolean  gtk_tree_view_get_hover_selection(GtkTreeView  *
tree_view);
extern    GtkTreeModel    *gtk_tree_view_get_model(GtkTreeView    *
tree_view);
extern   gboolean   gtk_tree_view_get_path_at_pos(GtkTreeView   *
tree_view,
                                                  gint x, gint y,
                                                        GtkTreePath *
*path,
                                                   GtkTreeViewColumn *
*column,
                                                  gint * cell_x,
                                                  gint * cell_y);
```

 © 2008 Linux Foundation

```
extern   gboolean   gtk_tree_view_get_reorderable(GtkTreeView   *
tree_view);
extern GtkTreeViewRowSeparatorFunc
gtk_tree_view_get_row_separator_func(GtkTreeView * tree_view);
extern   gboolean   gtk_tree_view_get_rules_hint(GtkTreeView   *
tree_view);
extern    gint    gtk_tree_view_get_search_column(GtkTreeView    *
tree_view);
extern GtkTreeViewSearchEqualFunc
gtk_tree_view_get_search_equal_func(GtkTreeView * tree_view);
extern  GtkTreeSelection  *gtk_tree_view_get_selection(GtkTreeView
*
                                                        tree_view);
extern GType gtk_tree_view_get_type(void);
extern GtkAdjustment *gtk_tree_view_get_vadjustment(GtkTreeView *
                                                    tree_view);
extern   gboolean   gtk_tree_view_get_visible_range(GtkTreeView   *
tree_view,
                                                    GtkTreePath *
*start_path,
                                                    GtkTreePath *
*end_path);
extern    void    gtk_tree_view_get_visible_rect(GtkTreeView    *
tree_view,
                                                 GdkRectangle *
visible_rect);
extern gint gtk_tree_view_insert_column(GtkTreeView * tree_view,
                                        GtkTreeViewColumn *
column,
                                    gint position);
extern                                                  gint
gtk_tree_view_insert_column_with_attributes(GtkTreeView *
                                                     tree_view
,
                                                          gint
position,
                                                      const
gchar *
                                                     title,
                                                      GtkCellRe
nderer *
                                                      cell, ...
);
extern                                                  gint
gtk_tree_view_insert_column_with_data_func(GtkTreeView *
                                                    tree_view,
                                                          gint
position,
                                                      const
gchar * title,
                                                     GtkCellRen
derer *
                                                    cell,
                                                     GtkTreeCel
lDataFunc
                                                          func,
gpointer data,
                                                     GDestroyNo
tify
                                                    dnotify);
extern    void    gtk_tree_view_map_expanded_rows(GtkTreeView    *
tree_view,
                                              GtkTreeViewMappingFun
c func,
                                             gpointer data);
extern GType gtk_tree_view_mode_get_type(void);
```

```
extern    void    gtk_tree_view_move_column_after(GtkTreeView    *
tree_view,
                                                  GtkTreeViewColumn *
column,
                                                GtkTreeViewColumn *
                                                base_column);
extern GtkWidget *gtk_tree_view_new(void);
extern   GtkWidget   *gtk_tree_view_new_with_model(GtkTreeModel   *
model);
extern gint gtk_tree_view_remove_column(GtkTreeView * tree_view,
                                                  GtkTreeViewColumn *
column);
extern void gtk_tree_view_row_activated(GtkTreeView * tree_view,
                                             GtkTreePath * path,
                                                  GtkTreeViewColumn *
column);
extern    gboolean    gtk_tree_view_row_expanded(GtkTreeView    *
tree_view,
                                               GtkTreePath * path);
extern void gtk_tree_view_scroll_to_cell(GtkTreeView * tree_view,
                                             GtkTreePath * path,
                                                  GtkTreeViewColumn *
column,
                                             gboolean use_align,
                                             gfloat row_align,
                                             gfloat col_align);
extern    void    gtk_tree_view_scroll_to_point(GtkTreeView    *
tree_view,
                                                    gint tree_x, gint
tree_y);
extern  void  gtk_tree_view_set_column_drag_function(GtkTreeView  *
tree_view,
                                                       GtkTreeViewCol
umnDropFunc
                                                       func,
                                                             gpointer
user_data,
                                                       GtkDestroyNoti
fy
                                                       destroy);
extern void gtk_tree_view_set_cursor(GtkTreeView * tree_view,
                                          GtkTreePath * path,
                                                  GtkTreeViewColumn *
focus_column,
                                          gboolean start_editing);
extern   void   gtk_tree_view_set_cursor_on_cell(GtkTreeView   *
tree_view,
                                                 GtkTreePath * path,
                                                 GtkTreeViewColumn *
                                                 focus_column,
                                                    GtkCellRenderer *
focus_cell,
                                                                gboolean
start_editing);
extern  void  gtk_tree_view_set_destroy_count_func(GtkTreeView  *
tree_view,
                                                     GtkTreeDestroyCo
untFunc
                                                       func, gpointer
data,
                                                     GtkDestroyNotify
destroy);
extern    void    gtk_tree_view_set_drag_dest_row(GtkTreeView    *
tree_view,
                                               GtkTreePath * path,
                                                GtkTreeViewDropPositi
```

 © 2008 Linux Foundation

```
on pos);
extern    void    gtk_tree_view_set_enable_search(GtkTreeView    *
tree_view,
                                                                  gboolean
enable_search);
extern   void   gtk_tree_view_set_expander_column(GtkTreeView   *
tree_view,
                                                 GtkTreeViewColumn *
column);
extern  void  gtk_tree_view_set_fixed_height_mode(GtkTreeView  *
tree_view,
                                                   gboolean enable);
extern    void    gtk_tree_view_set_hadjustment(GtkTreeView    *
tree_view,
                                                   GtkAdjustment *
adjustment);
extern  void  gtk_tree_view_set_headers_clickable(GtkTreeView  *
tree_view,
                                                                  gboolean
setting);
extern   void   gtk_tree_view_set_headers_visible(GtkTreeView   *
tree_view,
                                                                  gboolean
headers_visible);
extern    void    gtk_tree_view_set_hover_expand(GtkTreeView    *
tree_view,
                                               gboolean expand);
extern   void   gtk_tree_view_set_hover_selection(GtkTreeView   *
tree_view,
                                                gboolean hover);
extern void gtk_tree_view_set_model(GtkTreeView * tree_view,
                                    GtkTreeModel * model);
extern    void    gtk_tree_view_set_reorderable(GtkTreeView    *
tree_view,
                                              gboolean reorderable);
extern  void  gtk_tree_view_set_row_separator_func(GtkTreeView  *
tree_view,
                                                   GtkTreeViewRowSe
paratorFunc
                                                     func, gpointer
data,
                                                   GtkDestroyNotify
destroy);
extern void gtk_tree_view_set_rules_hint(GtkTreeView * tree_view,
                                         gboolean setting);
extern    void    gtk_tree_view_set_search_column(GtkTreeView    *
tree_view,
                                                gint column);
extern  void  gtk_tree_view_set_search_equal_func(GtkTreeView  *
tree_view,
                                                   GtkTreeViewSearch
EqualFunc
                                                   search_equal_func
,
                                                            gpointer
search_user_data,
                                                  GtkDestroyNotify
                                                  search_destroy);
extern    void    gtk_tree_view_set_vadjustment(GtkTreeView    *
tree_view,
                                                   GtkAdjustment *
adjustment);
extern  void  gtk_tree_view_tree_to_widget_coords(GtkTreeView  *
tree_view,
                                                  gint tx, gint ty,
                                                   gint * wx, gint *
```

```
wy);
extern   void   gtk_tree_view_unset_rows_drag_dest(GtkTreeView   *
tree_view);
extern  void  gtk_tree_view_unset_rows_drag_source(GtkTreeView  *
tree_view);
extern   void   gtk_tree_view_widget_to_tree_coords(GtkTreeView   *
tree_view,
                                                    gint wx, gint wy,
                                                    gint * tx, gint *
ty);
extern gboolean gtk_true(void);
extern gpointer gtk_type_class(GtkType type);
extern  void  gtk_ui_manager_add_ui(GtkUIManager  *  self,  guint
merge_id,
                                    const gchar * path, const gchar
* name,
                                   const gchar * action,
                                        GtkUIManagerItemType type,
gboolean top);
extern guint gtk_ui_manager_add_ui_from_file(GtkUIManager * self,
                                                        const gchar *
filename,
                                                   GError * *error);
extern   guint   gtk_ui_manager_add_ui_from_string(GtkUIManager   *
self,
                                                        const gchar *
buffer,
                                                   gssize length,
                                                   GError * *error);
extern void gtk_ui_manager_ensure_update(GtkUIManager * self);
extern GtkAccelGroup *gtk_ui_manager_get_accel_group(GtkUIManager
* self);
extern GtkAction *gtk_ui_manager_get_action(GtkUIManager * self,
                                            const gchar * path);
extern   GList   *gtk_ui_manager_get_action_groups(GtkUIManager   *
self);
extern  gboolean  gtk_ui_manager_get_add_tearoffs(GtkUIManager  *
self);
extern GSList *gtk_ui_manager_get_toplevels(GtkUIManager * self,
                                            GtkUIManagerItemType
types);
extern GType gtk_ui_manager_get_type(void);
extern gchar *gtk_ui_manager_get_ui(GtkUIManager * self);
extern GtkWidget *gtk_ui_manager_get_widget(GtkUIManager * self,
                                            const gchar * path);
extern   void   gtk_ui_manager_insert_action_group(GtkUIManager   *
self,
                                                   GtkActionGroup *
                                                   action_group, gint
pos);
extern GType gtk_ui_manager_item_type_get_type(void);
extern GtkUIManager *gtk_ui_manager_new(void);
extern guint gtk_ui_manager_new_merge_id(GtkUIManager * self);
extern   void   gtk_ui_manager_remove_action_group(GtkUIManager   *
self,
                                                   GtkActionGroup *
                                                   action_group);
extern void gtk_ui_manager_remove_ui(GtkUIManager  *  self,  guint
merge_id);
extern void gtk_ui_manager_set_add_tearoffs(GtkUIManager * self,
                                                              gboolean
add_tearoffs);
extern GType gtk_update_type_get_type(void);
extern GType gtk_vbox_get_type(void);
extern   GtkWidget   *gtk_vbox_new(gboolean   homogeneous,   gint
spacing);
```

 © 2008 Linux Foundation

```
extern GType gtk_vbutton_box_get_type(void);
extern GtkWidget *gtk_vbutton_box_new(void);
extern  GtkAdjustment  *gtk_viewport_get_hadjustment(GtkViewport  *
viewport);
extern  GtkShadowType  gtk_viewport_get_shadow_type(GtkViewport  *
viewport);
extern GType gtk_viewport_get_type(void);
extern  GtkAdjustment  *gtk_viewport_get_vadjustment(GtkViewport  *
viewport);
extern GtkWidget *gtk_viewport_new(GtkAdjustment * hadjustment,
                                   GtkAdjustment * vadjustment);
extern void gtk_viewport_set_hadjustment(GtkViewport * viewport,
                                                    GtkAdjustment *
adjustment);
extern void gtk_viewport_set_shadow_type(GtkViewport * viewport,
                                         GtkShadowType type);
extern void gtk_viewport_set_vadjustment(GtkViewport * viewport,
                                                    GtkAdjustment *
adjustment);
extern GType gtk_visibility_get_type(void);
extern GType gtk_vpaned_get_type(void);
extern GtkWidget *gtk_vpaned_new(void);
extern GType gtk_vruler_get_type(void);
extern GtkWidget *gtk_vruler_new(void);
extern GType gtk_vscale_get_type(void);
extern GtkWidget *gtk_vscale_new(GtkAdjustment * adjustment);
extern  GtkWidget  *gtk_vscale_new_with_range(gdouble  min,  gdouble
max,
                                              gdouble step);
extern GType gtk_vscrollbar_get_type(void);
extern GtkWidget *gtk_vscrollbar_new(GtkAdjustment * adjustment);
extern GType gtk_vseparator_get_type(void);
extern GtkWidget *gtk_vseparator_new(void);
extern gboolean gtk_widget_activate(GtkWidget * widget);
extern void gtk_widget_add_accelerator(GtkWidget * widget,
                                                     const  gchar  *
accel_signal,
                                                    GtkAccelGroup  *
accel_group,
                                       guint accel_key,
                                                    GdkModifierType
accel_mods,
                                                      GtkAccelFlags
accel_flags);
extern  void  gtk_widget_add_events(GtkWidget  *  widget,  gint
events);
extern void gtk_widget_add_mnemonic_label(GtkWidget * widget,
                                          GtkWidget * label);
extern gboolean gtk_widget_can_activate_accel(GtkWidget * widget,
                                              guint signal_id);
extern gboolean gtk_widget_child_focus(GtkWidget * widget,
                                                   GtkDirectionType
direction);
extern void gtk_widget_child_notify(GtkWidget * widget,
                                                      const  gchar  *
child_property);
extern                                                   GParamSpec
*gtk_widget_class_find_style_property(GtkWidgetClass *
                                                       klass,
                                                            const
gchar *
                                                        property_
name);
extern                                                        void
gtk_widget_class_install_style_property(GtkWidgetClass * klass,
                                                     GParamSpec *
```

```
pspec);
extern                                                          void
gtk_widget_class_install_style_property_parser(GtkWidgetClass *
                                                               klass,
                                                                GParam
Spec *
                                                               pspec,
                                                                GtkRcP
ropertyParser
                                                                parser
);
extern                                                    GParamSpec
**gtk_widget_class_list_style_properties(GtkWidgetClass *
                                                               klass,
                                                                 guint
*
                                                                n_prop
erties);
extern  void  gtk_widget_class_path(GtkWidget  *  widget,  guint  *
path_length,
                                              gchar * *path, gchar *
*path_reversed);
extern  PangoContext  *gtk_widget_create_pango_context(GtkWidget  *
widget);
extern  PangoLayout  *gtk_widget_create_pango_layout(GtkWidget  *
widget,
                                                        const gchar *
text);
extern void gtk_widget_destroy(GtkWidget * widget);
extern void gtk_widget_destroyed(GtkWidget * widget,
                                 GtkWidget * *widget_pointer);
extern void gtk_widget_ensure_style(GtkWidget * widget);
extern  gboolean  gtk_widget_event(GtkWidget  *  widget,  GdkEvent  *
event);
extern GType gtk_widget_flags_get_type(void);
extern void gtk_widget_freeze_child_notify(GtkWidget * widget);
extern AtkObject *gtk_widget_get_accessible(GtkWidget * widget);
extern GtkWidget *gtk_widget_get_ancestor(GtkWidget * widget,
                                          GType widget_type);
extern void gtk_widget_get_child_requisition(GtkWidget * widget,
                                                    GtkRequisition *
requisition);
extern gboolean gtk_widget_get_child_visible(GtkWidget * widget);
extern GtkClipboard *gtk_widget_get_clipboard(GtkWidget * widget,
                                              GdkAtom selection);
extern GdkColormap *gtk_widget_get_colormap(GtkWidget * widget);
extern gchar *gtk_widget_get_composite_name(GtkWidget * widget);
extern GdkColormap *gtk_widget_get_default_colormap(void);
extern GtkTextDirection gtk_widget_get_default_direction(void);
extern GtkStyle *gtk_widget_get_default_style(void);
extern GdkVisual *gtk_widget_get_default_visual(void);
extern   GtkTextDirection   gtk_widget_get_direction(GtkWidget   *
widget);
extern GdkDisplay *gtk_widget_get_display(GtkWidget * widget);
extern gint gtk_widget_get_events(GtkWidget * widget);
extern  GdkExtensionMode  gtk_widget_get_extension_events(GtkWidget
*
                                                          widget);
extern   GtkRcStyle   *gtk_widget_get_modifier_style(GtkWidget   *
widget);
extern const gchar *gtk_widget_get_name(GtkWidget * widget);
extern gboolean gtk_widget_get_no_show_all(GtkWidget * widget);
extern   PangoContext   *gtk_widget_get_pango_context(GtkWidget   *
widget);
extern GtkWidget *gtk_widget_get_parent(GtkWidget * widget);
extern    GdkWindow    *gtk_widget_get_parent_window(GtkWidget    *
```

 © 2008 Linux Foundation

```
widget);
extern void gtk_widget_get_pointer(GtkWidget * widget, gint * x,
gint * y);
extern GdkWindow *gtk_widget_get_root_window(GtkWidget * widget);
extern GdkScreen *gtk_widget_get_screen(GtkWidget * widget);
extern GtkSettings *gtk_widget_get_settings(GtkWidget * widget);
extern void gtk_widget_get_size_request(GtkWidget * widget, gint
* width,
                                        gint * height);
extern GtkStyle *gtk_widget_get_style(GtkWidget * widget);
extern GtkWidget *gtk_widget_get_toplevel(GtkWidget * widget);
extern GType gtk_widget_get_type(void);
extern GdkVisual *gtk_widget_get_visual(GtkWidget * widget);
extern void gtk_widget_grab_default(GtkWidget * widget);
extern void gtk_widget_grab_focus(GtkWidget * widget);
extern gboolean gtk_widget_has_screen(GtkWidget * widget);
extern GType gtk_widget_help_type_get_type(void);
extern void gtk_widget_hide(GtkWidget * widget);
extern void gtk_widget_hide_all(GtkWidget * widget);
extern gboolean gtk_widget_hide_on_delete(GtkWidget * widget);
extern gboolean gtk_widget_intersect(GtkWidget * widget,
                                     GdkRectangle * area,
                                                    GdkRectangle *
intersection);
extern gboolean gtk_widget_is_ancestor(GtkWidget * widget,
                                       GtkWidget * ancestor);
extern gboolean gtk_widget_is_focus(GtkWidget * widget);
extern GList *gtk_widget_list_accel_closures(GtkWidget * widget);
extern    GList    *gtk_widget_list_mnemonic_labels(GtkWidget    *
widget);
extern void gtk_widget_map(GtkWidget * widget);
extern gboolean gtk_widget_mnemonic_activate(GtkWidget * widget,
                                                                gboolean
group_cycling);
extern    void    gtk_widget_modify_base(GtkWidget    *    widget,
GtkStateType state,
                                     const GdkColor * color);
extern void gtk_widget_modify_bg(GtkWidget * widget, GtkStateType
state,
                                 const GdkColor * color);
extern void gtk_widget_modify_fg(GtkWidget * widget, GtkStateType
state,
                                 const GdkColor * color);
extern void gtk_widget_modify_font(GtkWidget * widget,
                                           PangoFontDescription *
font_desc);
extern void gtk_widget_modify_style(GtkWidget * widget,
                                    GtkRcStyle * style);
extern    void    gtk_widget_modify_text(GtkWidget    *    widget,
GtkStateType state,
                                     const GdkColor * color);
extern GtkWidget *gtk_widget_new(GType type,
                                                    const gchar *
first_property_name, ...);
extern   void   gtk_widget_path(GtkWidget   *   widget,   guint   *
path_length,
                                          gchar * *path, gchar *
*path_reversed);
extern void gtk_widget_pop_colormap(void);
extern void gtk_widget_pop_composite_child(void);
extern void gtk_widget_push_colormap(GdkColormap * cmap);
extern void gtk_widget_push_composite_child(void);
extern void gtk_widget_queue_draw(GtkWidget * widget);
extern void gtk_widget_queue_draw_area(GtkWidget * widget, gint
x, gint y,
                                       gint width, gint height);
```

```
extern void gtk_widget_queue_resize(GtkWidget * widget);
extern    void    gtk_widget_queue_resize_no_redraw(GtkWidget    *
widget);
extern void gtk_widget_realize(GtkWidget * widget);
extern GtkWidget *gtk_widget_ref(GtkWidget * widget);
extern GdkRegion *gtk_widget_region_intersect(GtkWidget * widget,
                                                        GdkRegion *
region);
extern gboolean gtk_widget_remove_accelerator(GtkWidget * widget,
                                                    GtkAccelGroup *
accel_group,
                                                 guint accel_key,
                                                      GdkModifierType
accel_mods);
extern void gtk_widget_remove_mnemonic_label(GtkWidget * widget,
                                                GtkWidget * label);
extern GdkPixbuf *gtk_widget_render_icon(GtkWidget * widget,
                                         const gchar * stock_id,
                                         GtkIconSize size,
                                         const gchar * detail);
extern void gtk_widget_reparent(GtkWidget * widget,
                                GtkWidget * new_parent);
extern void gtk_widget_reset_rc_styles(GtkWidget * widget);
extern void gtk_widget_reset_shapes(GtkWidget * widget);
extern gint gtk_widget_send_expose(GtkWidget * widget, GdkEvent *
event);
extern void gtk_widget_set_accel_path(GtkWidget * widget,
                                      const gchar * accel_path,
                                                GtkAccelGroup  *
accel_group);
extern void gtk_widget_set_app_paintable(GtkWidget * widget,
                                         gboolean app_paintable);
extern void gtk_widget_set_child_visible(GtkWidget * widget,
                                         gboolean is_visible);
extern void gtk_widget_set_colormap(GtkWidget * widget,
                                    GdkColormap * colormap);
extern void gtk_widget_set_composite_name(GtkWidget * widget,
                                          const gchar * name);
extern    void    gtk_widget_set_default_colormap(GdkColormap    *
colormap);
extern   void   gtk_widget_set_default_direction(GtkTextDirection
dir);
extern void gtk_widget_set_direction(GtkWidget * widget,
                                     GtkTextDirection dir);
extern void gtk_widget_set_double_buffered(GtkWidget * widget,
                                                           gboolean
double_buffered);
extern  void  gtk_widget_set_events(GtkWidget  *  widget,  gint
events);
extern void gtk_widget_set_extension_events(GtkWidget * widget,
                                                    GdkExtensionMode
mode);
extern void gtk_widget_set_name(GtkWidget * widget, const gchar *
name);
extern void gtk_widget_set_no_show_all(GtkWidget * widget,
                                       gboolean no_show_all);
extern void gtk_widget_set_parent(GtkWidget * widget, GtkWidget *
parent);
extern void gtk_widget_set_parent_window(GtkWidget * widget,
                                                        GdkWindow *
parent_window);
extern void gtk_widget_set_redraw_on_allocate(GtkWidget * widget,
                                                           gboolean
redraw_on_allocate);
extern  gboolean  gtk_widget_set_scroll_adjustments(GtkWidget  *
widget,
```

 © 2008 Linux Foundation

```
                                                    GtkAdjustment *
                                                    hadjustment,
                                                    GtkAdjustment *
                                                    vadjustment);
extern void gtk_widget_set_sensitive(GtkWidget * widget,
                                     gboolean sensitive);
extern void gtk_widget_set_size_request(GtkWidget * widget, gint
width,
                                        gint height);
extern void gtk_widget_set_state(GtkWidget * widget, GtkStateType
state);
extern void gtk_widget_set_style(GtkWidget * widget, GtkStyle *
style);
extern void gtk_widget_shape_combine_mask(GtkWidget * widget,
                                          GdkBitmap * shape_mask,
                                              gint offset_x, gint
offset_y);
extern void gtk_widget_show(GtkWidget * widget);
extern void gtk_widget_show_all(GtkWidget * widget);
extern void gtk_widget_show_now(GtkWidget * widget);
extern void gtk_widget_size_allocate(GtkWidget * widget,
                                     GtkAllocation * allocation);
extern void gtk_widget_size_request(GtkWidget * widget,
                                                    GtkRequisition *
requisition);
extern void gtk_widget_style_get(GtkWidget * widget,
                                                      const gchar *
first_property_name, ...);
extern void gtk_widget_style_get_property(GtkWidget * widget,
                                                       const gchar *
property_name,
                                          GValue * value);
extern void gtk_widget_style_get_valist(GtkWidget * widget,
                                                       const gchar *
first_property_name,
                                        va_list var_args);
extern void gtk_widget_thaw_child_notify(GtkWidget * widget);
extern   gboolean   gtk_widget_translate_coordinates(GtkWidget   *
src_widget,
                                                        GtkWidget *
dest_widget,
                                                    gint src_x, gint
src_y,
                                                    gint * dest_x,
                                                    gint * dest_y);
extern void gtk_widget_unmap(GtkWidget * widget);
extern void gtk_widget_unparent(GtkWidget * widget);
extern void gtk_widget_unrealize(GtkWidget * widget);
extern void gtk_widget_unref(GtkWidget * widget);
extern gboolean gtk_window_activate_default(GtkWindow * window);
extern gboolean gtk_window_activate_focus(GtkWindow * window);
extern gboolean gtk_window_activate_key(GtkWindow * window,
                                        GdkEventKey * event);
extern void gtk_window_add_accel_group(GtkWindow * window,
                                                     GtkAccelGroup *
accel_group);
extern  void  gtk_window_add_mnemonic(GtkWindow  *  window,  guint
keyval,
                                      GtkWidget * target);
extern  void  gtk_window_begin_move_drag(GtkWindow  *  window,  gint
button,
                                         gint root_x, gint root_y,
                                         guint32 timestamp);
extern void gtk_window_begin_resize_drag(GtkWindow * window,
                                           GdkWindowEdge edge, gint
button,
```

```
                                                    gint root_x, gint
root_y,
                                               guint32 timestamp);
extern void gtk_window_deiconify(GtkWindow * window);
extern void gtk_window_fullscreen(GtkWindow * window);
extern gboolean gtk_window_get_accept_focus(GtkWindow * window);
extern gboolean gtk_window_get_decorated(GtkWindow * window);
extern GList *gtk_window_get_default_icon_list(void);
extern void gtk_window_get_default_size(GtkWindow * window, gint
* width,
                                            gint * height);
extern gboolean gtk_window_get_destroy_with_parent(GtkWindow *
window);
extern GtkWidget *gtk_window_get_focus(GtkWindow * window);
extern gboolean gtk_window_get_focus_on_map(GtkWindow * window);
extern void gtk_window_get_frame_dimensions(GtkWindow * window,
                                                 gint * left, gint *
top,
                                                gint * right, gint *
bottom);
extern GdkGravity gtk_window_get_gravity(GtkWindow * window);
extern gboolean gtk_window_get_has_frame(GtkWindow * window);
extern GdkPixbuf *gtk_window_get_icon(GtkWindow * window);
extern GList *gtk_window_get_icon_list(GtkWindow * window);
extern const gchar *gtk_window_get_icon_name(GtkWindow * window);
extern GdkModifierType gtk_window_get_mnemonic_modifier(GtkWindow
*
                                                          window);
extern gboolean gtk_window_get_modal(GtkWindow * window);
extern void gtk_window_get_position(GtkWindow * window, gint *
root_x,
                                    gint * root_y);
extern gboolean gtk_window_get_resizable(GtkWindow * window);
extern const gchar *gtk_window_get_role(GtkWindow * window);
extern GdkScreen *gtk_window_get_screen(GtkWindow * window);
extern void gtk_window_get_size(GtkWindow * window, gint * width,
                                gint * height);
extern gboolean gtk_window_get_skip_pager_hint(GtkWindow *
window);
extern gboolean gtk_window_get_skip_taskbar_hint(GtkWindow *
window);
extern const gchar *gtk_window_get_title(GtkWindow * window);
extern GtkWindow *gtk_window_get_transient_for(GtkWindow *
window);
extern GType gtk_window_get_type(void);
extern GdkWindowTypeHint gtk_window_get_type_hint(GtkWindow *
window);
extern gboolean gtk_window_get_urgency_hint(GtkWindow * window);
extern void gtk_window_group_add_window(GtkWindowGroup *
window_group,
                                            GtkWindow * window);
extern GType gtk_window_group_get_type(void);
extern GtkWindowGroup *gtk_window_group_new(void);
extern void gtk_window_group_remove_window(GtkWindowGroup *
window_group,
                                              GtkWindow * window);
extern gboolean gtk_window_has_toplevel_focus(GtkWindow *
window);
extern void gtk_window_iconify(GtkWindow * window);
extern gboolean gtk_window_is_active(GtkWindow * window);
extern GList *gtk_window_list_toplevels(void);
extern void gtk_window_maximize(GtkWindow * window);
extern gboolean gtk_window_mnemonic_activate(GtkWindow * window,
                                             guint keyval,
                                                  GdkModifierType
modifier);
```

 © 2008 Linux Foundation

```
extern void gtk_window_move(GtkWindow * window, gint x, gint y);
extern GtkWidget *gtk_window_new(GtkWindowType type);
extern gboolean gtk_window_parse_geometry(GtkWindow * window,
                                                        const gchar *
geometry);
extern GType gtk_window_position_get_type(void);
extern void gtk_window_present(GtkWindow * window);
extern void gtk_window_present_with_time(GtkWindow * window,
                                         guint32 timestamp);
extern    gboolean    gtk_window_propagate_key_event(GtkWindow    *
window,
                                                     GdkEventKey *
event);
extern void gtk_window_remove_accel_group(GtkWindow * window,
                                                    GtkAccelGroup *
accel_group);
extern void gtk_window_remove_mnemonic(GtkWindow * window, guint
keyval,
                                       GtkWidget * target);
extern   void   gtk_window_reshow_with_initial_size(GtkWindow   *
window);
extern  void  gtk_window_resize(GtkWindow  *  window,  gint  width,
gint height);
extern void gtk_window_set_accept_focus(GtkWindow * window,
                                        gboolean setting);
extern   void   gtk_window_set_auto_startup_notification(gboolean
setting);
extern void gtk_window_set_decorated(GtkWindow * window, gboolean
setting);
extern void gtk_window_set_default(GtkWindow * window,
                                   GtkWidget * default_widget);
extern void gtk_window_set_default_icon(GdkPixbuf * icon);
extern gboolean gtk_window_set_default_icon_from_file(const gchar
*
                                                      filename,
                                                         GError *
*err);
extern void gtk_window_set_default_icon_list(GList * list);
extern void gtk_window_set_default_icon_name(const gchar * name);
extern void gtk_window_set_default_size(GtkWindow * window, gint
width,
                                        gint height);
extern   void   gtk_window_set_destroy_with_parent(GtkWindow   *
window,
                                                   gboolean setting);
extern void gtk_window_set_focus(GtkWindow * window, GtkWidget *
focus);
extern void gtk_window_set_focus_on_map(GtkWindow * window,
                                        gboolean setting);
extern  void  gtk_window_set_frame_dimensions(GtkWindow  *  window,
gint left,
                                              gint top, gint right,
                                              gint bottom);
extern void gtk_window_set_geometry_hints(GtkWindow * window,
                                                       GtkWidget *
geometry_widget,
                                          GdkGeometry * geometry,
                                                  GdkWindowHints
geom_mask);
extern void gtk_window_set_gravity(GtkWindow * window, GdkGravity
gravity);
extern void gtk_window_set_has_frame(GtkWindow * window, gboolean
setting);
extern  void  gtk_window_set_icon(GtkWindow  *  window,  GdkPixbuf  *
icon);
extern gboolean gtk_window_set_icon_from_file(GtkWindow * window,
```

```
                                                        const gchar *
filename,
                                                  GError * *err);
extern void gtk_window_set_icon_list(GtkWindow * window, GList *
list);
extern void gtk_window_set_icon_name(GtkWindow * window,
                                     const gchar * name);
extern void gtk_window_set_keep_above(GtkWindow * window,
                                      gboolean setting);
extern void gtk_window_set_keep_below(GtkWindow * window,
                                      gboolean setting);
extern void gtk_window_set_mnemonic_modifier(GtkWindow * window,
                                             GdkModifierType
modifier);
extern void gtk_window_set_modal(GtkWindow * window, gboolean
modal);
extern void gtk_window_set_position(GtkWindow * window,
                                    GtkWindowPosition position);
extern void gtk_window_set_resizable(GtkWindow * window,
                                     gboolean resizable);
extern void gtk_window_set_role(GtkWindow * window, const gchar *
role);
extern void gtk_window_set_screen(GtkWindow * window, GdkScreen *
screen);
extern void gtk_window_set_skip_pager_hint(GtkWindow * window,
                                           gboolean setting);
extern void gtk_window_set_skip_taskbar_hint(GtkWindow * window,
                                             gboolean setting);
extern void gtk_window_set_title(GtkWindow * window, const gchar
* title);
extern void gtk_window_set_transient_for(GtkWindow * window,
                                         GtkWindow * parent);
extern void gtk_window_set_type_hint(GtkWindow * window,
                                     GdkWindowTypeHint hint);
extern void gtk_window_set_urgency_hint(GtkWindow * window,
                                        gboolean setting);
extern void gtk_window_set_wmclass(GtkWindow * window,
                                   const gchar * wmclass_name,
                                   const gchar * wmclass_class);
extern void gtk_window_stick(GtkWindow * window);
extern GType gtk_window_type_get_type(void);
extern void gtk_window_unfullscreen(GtkWindow * window);
extern void gtk_window_unmaximize(GtkWindow * window);
extern void gtk_window_unstick(GtkWindow * window);
extern GType gtk_wrap_mode_get_type(void);
```

16.29 Interface Definitions for libgtk-x11-2.0

The interfaces defined on the following pages are included in libgtk-x11-2.0 and are defined by this specification. Unless otherwise noted, these interfaces shall be included in the source standard.

Other interfaces listed in Section 16.27 shall behave as described in the referenced base document.

 © 2008 Linux Foundation

gtk_button_get_image

Name

gtk_button_get_image — get button image widget

Synopsis

```
#include <gtk/gtk.h>
GtkWidget *gtk_button_get_image(GtkButton *button);
```

Description

The gtk_button_get_image() gets the widget that is currenty set as the image of *button*. This may have been explicitly set by gtk_button_set_image() or constructed by gtk_button_new_from_stock().

Return Value

The gtk_button_get_image() function returns a GtkWidget pointer referring to the image. If there is no associated image, NULL is returned.

Errors

No errors are defined.

gtk_button_set_image

Name

gtk_button_set_image — set button image widget

Synopsis

```
#include <gtk/gtk.h>
void gtk_button_set_image(GtkButton *button, GtkWidget *widget);
```

Description

The gtk_button_set_image() function sets the image of *button*to the widget given by *widget*. Whether the image is displayed or not depends on the setting of the gtk-button-images property. It is not necessary to call gtk_widget_show() on the image.

Errors

No errors are defined.

gtk_toolbar_get_tooltips

Name

gtk_toolbar_get_tooltips — retrieve whether tooltips are enabled

Synopsis

```
#include <gtk/gtk.h>
gboolean gtk_toolbar_get_tooltips(GtkToolbar * toolbar);
```

Description

gtk_toolbar_get_tooltips() shall retrieve whether the tooltips of *toolbar* are enabled.

This interface has been deprecated since version 2.14 of the GTK+ specification.

Return Value

gtk_toolbar_get_tooltips() shall return TRUE if the tooltips of *toolbar* are enabled, and FALSE if they are not.

See Also

gtk_toolbar_set_tooltips()

gtk_toolbar_set_tooltips

Name

gtk_toolbar_set_tooltips — set whether a toolbar's tooltips are active

Synopsis

```
#include <gtk/gtk.h>
void gtk_toolbar_set_tooltips(GtkToolbar * toolbar, gboolean enable);
```

Description

gtk_toolbar_set_tooltips() shall set whether the tooltips of *toolbar* are active. If the value of the parameter *enable* is TRUE, then the tooltips shall be made active; otherwise, they shall be made inactive.

This call may have no effect. The interface has been deprecated since version 2.14 of the GTK+ specification.

See Also

gtk_toolbar_get_tooltips()

 © 2008 Linux Foundation

XII Qt Libraries

17 Libraries

17.1 Introduction

An conforming implementation shall support the following Qt libraries which provide interfaces for creating rich user applications, either graphical or console.

QtCore

A general-purpose application development library, not specific to graphical user interfaces. QtCore provides a main loop, threading classes, tool classes, template container classes, IO classes, and so on.

QtGui

The GUI part of Qt, provides a paint engine, text rendering engine, widgets, printing, PDF generation, accessibility classes, and so on.

QtXml

The XML support for Qt, provides fast XML parsing and DOM classes to traverse the XML tree.

QtOpenGL

The OpenGL integration for Qt, provides OpenGL rendering and embedding.

QtSql

The database part of Qt, provides access to databases and models that connect databases into the model/view framework of QtGui.

QtSvg

Renders Svg files into any context, for displaying on the screen, printing or embedding in PDF.

QtNetwork

Provides network server and client classes, TCP/IP, UDP, Http, Ftp, Url parsing support, and so on.

There are three main parts to the definition of each of these libraries.

The "Interfaces" section defines the required library name and version, and the required public symbols (interfaces and global data), as well as symbol versions, if any.

The "Interface Definitions" section provides complete or partial definitions of certain interfaces where either this specification is the source specification, or where there are variations from the source specification. If an interface definition requires one or more header files, one of those headers shall include the function prototype for the interface.

For source definitions of interfaces which include a reference to a header file, the contents of such header files form a part of the specification. The "Data Definitions" section provides the binary-level details for the header files from the source specifications, such as values for macros and enumerated types, as well

as structure layouts, sizes and padding, etc. These data definitions, although presented in the form of header files for convenience, should not be taken a representing complete header files, as they are a supplement to the source specifications. Application developers should follow the guidelines of the source specifications when determining which header files need to be included to completely resolve all references.

> **Note:** While the Data Definitions supplement the source specifications, this specification itself does not require conforming implementations to supply any header files.

17.2 Interfaces for libQtCore

Table 17-1 defines the library name and shared object name for the libQtCore library

Table 17-1 libQtCore Definition

Library:	libQtCore
SONAME:	libQtCore.so.4

The behavior of the interfaces in this library is specified by the following specifications:

[CXXABI] Itanium™ C++ ABI
[QtCore] QtCore 4.2.0
[QtXml] QtXml 4.2.0

17.2.1 Qt4 Core Functions

17.2.1.1 Class data for QDynamicPropertyChangeEvent

The virtual table for the QDynamicPropertyChangeEvent class is described by Table 17-2

Table 17-2 Primary vtable for QDynamicPropertyChangeEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDynamicPropertyChangeEvent
vfunc[0]:	QDynamicPropertyChangeEvent::~ QDynamicPropertyChangeEvent()
vfunc[1]:	QDynamicPropertyChangeEvent::~ QDynamicPropertyChangeEvent()

17.2.1.2 Class data for QTimeLine

The virtual table for the QTimeLine class is described by Table 17-3

Table 17-3 Primary vtable for QTimeLine

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTimeLine
vfunc[0]:	QTimeLine::metaObject() const

vfunc[1]:	QTimeLine::qt_metacast(char const*)
vfunc[2]:	QTimeLine::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTimeLine::~QTimeLine()
vfunc[4]:	QTimeLine::~QTimeLine()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QTimeLine::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QTimeLine::valueForTime(int) const

17.2.1.3 Interfaces for Qt4 Core Functions

An LSB conforming implementation shall provide the generic functions for Qt4 Core Functions specified in Table 17-4, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-4 libQtCore - Qt4 Core Functions Function Interfaces

_Z11qt_assert_xPKcS0_S0_i [QtCore]	_Z12qInstallPathv [QtCore]
_Z12qSharedBuildv [QtCore]	_Z13qErrnoWarningPKcz [QtCore]
_Z13qErrnoWarningiPKcz [QtCore]	_Z14qSystemWarningPKci [QtCore]
_Z15qAddPostRoutinePFvvE [QtCore]	_Z15qt_error_stringi [QtCore]
_Z16qInstallPathBinsv [QtCore]	_Z16qInstallPathDatav [QtCore]
_Z16qInstallPathDocsv [QtCore]	_Z16qInstallPathLibsv [QtCore]
_Z16qt_check_pointerPKci [QtCore]	_Z17qt_message_output9QtMsgTypePKc [QtCore]
_Z18qInstallMsgHandlerPFv9QtMsgTypePKcE [QtCore]	_Z18qRemovePostRoutinePFvvE [QtCore]
_Z19qInstallPathHeadersv [QtCore]	_Z19qInstallPathPluginsv [QtCore]
_Z19qInstallPathSysconfv [QtCore]	_Z20qt_qFindChild_helperPK7QObjectRK7QStringRK11QMetaObject [QtCore]
_Z21qRegisterResourceDataiPKhS0_S0_ [QtCore]	_Z23qUnregisterResourceDataiPKhS0_S0_ [QtCore]
_Z23qt_qFindChildren_helperPK7QObjectRK7QStringPK7QRegExpRK11QMetaObjectP5QListIPvE [QtCore]	_Z24qInstallPathTranslationsv [QtCore]
_Z32qt_register_signal_spy_callbacksRK21QSignalSpyCallbackSet	_Z37qRegisterStaticPluginInstanceFunctionPFP7QObjectvE [QtCore]

[QtCore]	
_Z5qFreePv [QtCore]	_Z5qHashRK10QByteArray [QtCore]
_Z5qHashRK7QString [QtCore]	_Z5qrandv [QtXml]
_Z6qDebugPKcz [QtCore]	_Z6qFatalPKcz [QtCore]
_Z6qsrandj [QtXml]	_Z7qgetenvPKc [QtCore]
Z7qstrcmpPKcS0 [QtCore]	_Z7qstrcpyPcPKc [QtCore]
_Z7qstrdupPKc [QtCore]	_Z8qAppNamev [QtCore]
_Z8qVersionv [QtCore]	_Z8qWarningPKcz [QtCore]
Z8qstricmpPKcS0 [QtCore]	_Z8qstrncpyPcPKcj [QtCore]
_Z9qChecksumPKcj [QtCore]	_Z9qCriticalPKcz [QtCore]
_Z9qstrnicmpPKcS0_j [QtCore]	_Z9qt_assertPKcS0_i [QtCore]
_Zls6QDebug6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_Zls6QDebugN8QVariant4TypeE [QtCore]
_Zls6QDebugRK11QModelIndex [QtCore]	_ZlsR11QDataStreamN8QVariant4TypeE [QtCore]
_ZrsR11QDataStreamRN8QVariant4TypeE [QtCore]	

An LSB conforming implementation shall provide the generic data interfaces for Qt4 Core Functions specified in Table 17-5, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-5 libQtCore - Qt4 Core Functions Data Interfaces

_ZN10QByteArray11shared_nullE [QtCore]	_ZN10QEventLoop16staticMetaObjectE [QtCore]
_ZN11QTranslator16staticMetaObjectE [QtCore]	_ZN11QVectorData11shared_nullE [QtCore]
_ZN13QPluginLoader16staticMetaObjectE [QtCore]	_ZN13QSignalMapper16staticMetaObjectE [QtCore]
_ZN14QTemporaryFile16staticMetaObjectE [QtCore]	_ZN15QLinkedListData11shared_nullE [QtCore]
_ZN15QSocketNotifier16staticMetaObjectE [QtCore]	_ZN16QCoreApplication16staticMetaObjectE [QtCore]
_ZN16QCoreApplication4selfE [QtCore]	_ZN16QTextCodecPlugin16staticMetaObjectE [QtCore]
_ZN18QAbstractItemModel16staticMetaObjectE [QtCore]	_ZN18QAbstractListModel16staticMetaObjectE [QtCore]
_ZN18QFileSystemWatcher16staticMetaObjectE [QtXml]	_ZN19QAbstractTableModel16staticMetaObjectE [QtCore]
_ZN21QObjectCleanupHandler16staticMetaObjectE [QtCore]	_ZN24QAbstractEventDispatcher16staticMetaObjectE [QtCore]
_ZN5QFile16staticMetaObjectE [QtCore]	_ZN6QTimer16staticMetaObjectE [QtCore]

_ZN7QBuffer16staticMetaObjectE [QtCore]	_ZN7QObject16staticMetaObjectE [QtCore]
_ZN7QObject18staticQtMetaObjectE [QtCore]	_ZN7QString11shared_nullE [QtCore]
_ZN7QString16codecForCStringsE [QtCore]	_ZN7QString4nullE [QtCore]
_ZN7QThread16staticMetaObjectE [QtCore]	_ZN8QLibrary16staticMetaObjectE [QtCore]
_ZN8QMapData11shared_nullE [QtCore]	_ZN8QProcess16staticMetaObjectE [QtCore]
_ZN8QVariant7handlerE [QtCore]	_ZN9QHashData11shared_nullE [QtCore]
_ZN9QIODevice16staticMetaObjectE [QtCore]	_ZN9QListData11shared_nullE [QtCore]
_ZN9QMimeData16staticMetaObject E [QtCore]	_ZN9QSettings16staticMetaObjectE [QtCore]
_ZN9QTimeLine16staticMetaObject E [QtXml]	_ZTI10QEventLoop [CXXABI]
_ZTI10QTextCodec [CXXABI]	_ZTI11QChildEvent [CXXABI]
_ZTI11QDataStream [CXXABI]	_ZTI11QTextStream [CXXABI]
_ZTI11QTimerEvent [CXXABI]	_ZTI11QTranslator [CXXABI]
_ZTI11QTsciiCodec [CXXABI]	_ZTI12QCustomEvent [CXXABI]
_ZTI13QFSFileEngine [CXXABI]	_ZTI13QFontLaoCodec [CXXABI]
_ZTI13QPluginLoader [CXXABI]	_ZTI13QSignalMapper [CXXABI]
_ZTI13QSystemLocale [CXXABI]	_ZTI14QFactoryLoader [CXXABI]
_ZTI14QMetaCallEvent [CXXABI]	_ZTI14QObjectPrivate [CXXABI]
_ZTI14QTemporaryFile [CXXABI]	_ZTI15QDateTimeParser [CXXABI]
_ZTI15QObjectUserData [CXXABI]	_ZTI15QSocketNotifier [CXXABI]
_ZTI16QCoreApplication [CXXABI]	_ZTI16QIODevicePrivate [CXXABI]
_ZTI16QTextCodecPlugin [CXXABI]	_ZTI17QFactoryInterface [CXXABI]
_ZTI18QAbstractItemModel [CXXABI]	_ZTI18QAbstractListModel [CXXABI]
_ZTI18QFileSystemWatcher [CXXABI]	_ZTI19QAbstractFileEngine [CXXABI]
_ZTI19QAbstractTableModel [CXXABI]	_ZTI20QEventDispatcherUNIX [CXXABI]
_ZTI21QObjectCleanupHandler [CXXABI]	_ZTI23QCoreApplicationPrivate [CXXABI]
_ZTI24QAbstractEventDispatcher [CXXABI]	_ZTI26QAbstractFileEngineHandler [CXXABI]
_ZTI26QTextCodecFactoryInterface [CXXABI]	_ZTI27QDynamicPropertyChangeEv ent [CXXABI]
_ZTI27QEventDispatcherUNIXPriva te [CXXABI]	_ZTI5QFile [CXXABI]

_ZTI6QEvent [CXXABI]	_ZTI6QTimer [CXXABI]
_ZTI7QBuffer [CXXABI]	_ZTI7QObject [CXXABI]
_ZTI7QThread [CXXABI]	_ZTI8QLibrary [CXXABI]
_ZTI8QProcess [CXXABI]	_ZTI9QIODevice [CXXABI]
_ZTI9QMimeData [CXXABI]	_ZTI9QSettings [CXXABI]
_ZTI9QTimeLine [CXXABI]	_ZTV10QEventLoop [CXXABI]
_ZTV10QTextCodec [CXXABI]	_ZTV11QChildEvent [CXXABI]
_ZTV11QDataStream [CXXABI]	_ZTV11QTextStream [CXXABI]
_ZTV11QTimerEvent [CXXABI]	_ZTV11QTranslator [CXXABI]
_ZTV11QTsciiCodec [CXXABI]	_ZTV12QCustomEvent [CXXABI]
_ZTV13QFSFileEngine [CXXABI]	_ZTV13QFontLaoCodec [CXXABI]
_ZTV13QPluginLoader [CXXABI]	_ZTV13QSignalMapper [CXXABI]
_ZTV13QSystemLocale [CXXABI]	_ZTV14QFactoryLoader [CXXABI]
_ZTV14QMetaCallEvent [CXXABI]	_ZTV14QObjectPrivate [CXXABI]
_ZTV14QTemporaryFile [CXXABI]	_ZTV15QDateTimeParser [CXXABI]
_ZTV15QObjectUserData [CXXABI]	_ZTV15QSocketNotifier [CXXABI]
_ZTV16QCoreApplication [CXXABI]	_ZTV16QIODevicePrivate [CXXABI]
_ZTV16QTextCodecPlugin [CXXABI]	_ZTV17QFactoryInterface [CXXABI]
_ZTV18QAbstractItemModel [CXXABI]	_ZTV18QAbstractListModel [CXXABI]
_ZTV18QFileSystemWatcher [CXXABI]	_ZTV19QAbstractFileEngine [CXXABI]
_ZTV19QAbstractTableModel [CXXABI]	_ZTV20QEventDispatcherUNIX [CXXABI]
_ZTV21QObjectCleanupHandler [CXXABI]	_ZTV23QCoreApplicationPrivate [CXXABI]
_ZTV24QAbstractEventDispatcher [CXXABI]	_ZTV26QAbstractFileEngineHandler [CXXABI]
_ZTV26QTextCodecFactoryInterface [CXXABI]	_ZTV27QDynamicPropertyChangeEvent [CXXABI]
_ZTV27QEventDispatcherUNIXPrivate [CXXABI]	_ZTV5QFile [CXXABI]
_ZTV6QEvent [CXXABI]	_ZTV6QTimer [CXXABI]
_ZTV7QBuffer [CXXABI]	_ZTV7QObject [CXXABI]
_ZTV7QThread [CXXABI]	_ZTV8QLibrary [CXXABI]
_ZTV8QProcess [CXXABI]	_ZTV9QIODevice [CXXABI]
_ZTV9QMimeData [CXXABI]	_ZTV9QSettings [CXXABI]
_ZTV9QTimeLine [CXXABI]	

© 2008 Linux Foundation

17.2.2 Qt4 Models

17.2.2.1 Class data for QAbstractItemModel

The virtual table for the QAbstractItemModel class is described by Table 17-6

Table 17-6 Primary vtable for QAbstractItemModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractItemModel
vfunc[0]:	QAbstractItemModel::metaObject() const
vfunc[1]:	QAbstractItemModel::qt_metacast(char const*)
vfunc[2]:	QAbstractItemModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractItemModel::~QAbstractItemModel()
vfunc[4]:	QAbstractItemModel::~QAbstractItemModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	QAbstractItemModel::hasChildren(QModelIndex const&) const
vfunc[17]:	__cxa_pure_virtual
vfunc[18]:	QAbstractItemModel::setData(QModelIndex const&, QVariant const&, int)
vfunc[19]:	QAbstractItemModel::headerData(int, Qt::Orientation, int) const
vfunc[20]:	QAbstractItemModel::setHeaderData(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QM

	odelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QAbstractItemModel::mimeTypes() const
vfunc[24]:	QAbstractItemModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QAbstractItemModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QAbstractItemModel::supportedDropActions() const
vfunc[27]:	QAbstractItemModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QAbstractItemModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QAbstractItemModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QAbstractItemModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QAbstractItemModel::fetchMore(QModelIndex const&)
vfunc[32]:	QAbstractItemModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QAbstractItemModel::flags(QModelIndex const&) const
vfunc[34]:	QAbstractItemModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QAbstractItemModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QAbstractItemModel::span(QModelIndex const&) const
vfunc[38]:	QAbstractItemModel::submit()
vfunc[39]:	QAbstractItemModel::revert()

The Run Time Type Information for the QAbstractItemModel class is described by Table 17-7

Table 17-7 typeinfo for QAbstractItemModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info

Name	typeinfo name for QAbstractItemModel
basetype:	typeinfo for QObject

17.2.2.2 Class data for QAbstractTableModel

The virtual table for the QAbstractTableModel class is described by Table 17-8

Table 17-8 Primary vtable for QAbstractTableModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractTableModel
vfunc[0]:	QAbstractTableModel::metaObject() const
vfunc[1]:	QAbstractTableModel::qt_metacast(char const*)
vfunc[2]:	QAbstractTableModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractTableModel::~QAbstractTableModel()
vfunc[4]:	QAbstractTableModel::~QAbstractTableModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QAbstractTableModel::index(int, int, QModelIndex const&) const
vfunc[13]:	QAbstractTableModel::parent(QModelIndex const&) const
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	QAbstractTableModel::hasChildren(QModelIndex const&) const
vfunc[17]:	__cxa_pure_virtual
vfunc[18]:	QAbstractItemModel::setData(QModelIndex const&, QVariant const&, int)
vfunc[19]:	QAbstractItemModel::headerData(int, Qt::Orientation, int) const

vfunc[20]:	QAbstractItemModel::setHeaderData(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QAbstractItemModel::mimeTypes() const
vfunc[24]:	QAbstractItemModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QAbstractTableModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QAbstractItemModel::supportedDropActions() const
vfunc[27]:	QAbstractItemModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QAbstractItemModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QAbstractItemModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QAbstractItemModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QAbstractItemModel::fetchMore(QModelIndex const&)
vfunc[32]:	QAbstractItemModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QAbstractItemModel::flags(QModelIndex const&) const
vfunc[34]:	QAbstractItemModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QAbstractItemModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QAbstractItemModel::span(QModelIndex const&) const
vfunc[38]:	QAbstractItemModel::submit()
vfunc[39]:	QAbstractItemModel::revert()

The Run Time Type Information for the QAbstractTableModel class is described by Table 17-9

Table 17-9 typeinfo for QAbstractTableModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractTableModel
basetype:	typeinfo for QAbstractItemModel

17.2.2.3 Class data for QAbstractListModel

The virtual table for the QAbstractListModel class is described by Table 17-10

Table 17-10 Primary vtable for QAbstractListModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractListModel
vfunc[0]:	QAbstractListModel::metaObject() const
vfunc[1]:	QAbstractListModel::qt_metacast(char const*)
vfunc[2]:	QAbstractListModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractListModel::~QAbstractListModel()
vfunc[4]:	QAbstractListModel::~QAbstractListModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QAbstractListModel::index(int, int, QModelIndex const&) const
vfunc[13]:	QAbstractListModel::parent(QModelIndex const&) const
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	QAbstractListModel::columnCount(QModelIndex const&) const
vfunc[16]:	QAbstractListModel::hasChildren(QModelIndex const&) const
vfunc[17]:	__cxa_pure_virtual
vfunc[18]:	QAbstractItemModel::setData(QModelIndex const&, QVariant const&,

	int)
vfunc[19]:	QAbstractItemModel::headerData(int, Qt::Orientation, int) const
vfunc[20]:	QAbstractItemModel::setHeaderData(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QAbstractItemModel::mimeTypes() const
vfunc[24]:	QAbstractItemModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QAbstractListModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QAbstractItemModel::supportedDropActions() const
vfunc[27]:	QAbstractItemModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QAbstractItemModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QAbstractItemModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QAbstractItemModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QAbstractItemModel::fetchMore(QModelIndex const&)
vfunc[32]:	QAbstractItemModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QAbstractItemModel::flags(QModelIndex const&) const
vfunc[34]:	QAbstractItemModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QAbstractItemModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QAbstractItemModel::span(QModelIndex const&) const
vfunc[38]:	QAbstractItemModel::submit()
vfunc[39]:	QAbstractItemModel::revert()

© 2008 Linux Foundation

The Run Time Type Information for the QAbstractListModel class is described by Table 17-11

Table 17-11 typeinfo for QAbstractListModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractListModel
basetype:	typeinfo for QAbstractItemModel

17.2.2.4 Interfaces for Qt4 Models

An LSB conforming implementation shall provide the generic functions for Qt4 Models specified in Table 17-12, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-12 libQtCore - Qt4 Models Function Interfaces

_ZN18QAbstractItemModel10decodeDataEiiRK11QModelIndexR11QDataStream [QtCore]	_ZN18QAbstractItemModel10insertRowsEiiRK11QModelIndex [QtCore]
_ZN18QAbstractItemModel10removeRowsEiiRK11QModelIndex [QtCore]	_ZN18QAbstractItemModel11dataChangedERK11QModelIndexS2_ [QtCore]
_ZN18QAbstractItemModel11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN18QAbstractItemModel11qt_metacastEPKc [QtCore]
_ZN18QAbstractItemModel11setItemDataERK11QModelIndexRK4QMapIi8QVariantE [QtCore]	_ZN18QAbstractItemModel12dropMimeDataEPK9QMimeDataN2Qt10DropActionEiiRK11QModelIndex [QtCore]
_ZN18QAbstractItemModel13endInsertRowsEv [QtCore]	_ZN18QAbstractItemModel13endRemoveRowsEv [QtCore]
_ZN18QAbstractItemModel13insertColumnsEiiRK11QModelIndex [QtCore]	_ZN18QAbstractItemModel13layoutChangedEv [QtCore]
_ZN18QAbstractItemModel13removeColumnsEiiRK11QModelIndex [QtCore]	_ZN18QAbstractItemModel13setHeaderDataEiN2Qt11OrientationERK8QVarianti [QtCore]
_ZN18QAbstractItemModel15beginInsertRowsERK11QModelIndexii [QtCore]	_ZN18QAbstractItemModel15beginRemoveRowsERK11QModelIndexii [QtCore]
_ZN18QAbstractItemModel16endInsertColumnsEv [QtCore]	_ZN18QAbstractItemModel16endRemoveColumnsEv [QtCore]
_ZN18QAbstractItemModel17headerDataChangedEN2Qt11OrientationEii [QtCore]	_ZN18QAbstractItemModel18beginInsertColumnsERK11QModelIndexii [QtCore]
_ZN18QAbstractItemModel18beginRemoveColumnsERK11QModelIndexii [QtCore]	_ZN18QAbstractItemModel21changePersistentIndexERK11QModelIndexS2_ [QtCore]

_ZN18QAbstractItemModel22layoutAboutToBeChangedEv [QtXml]	_ZN18QAbstractItemModel23setSupportedDragActionsE6QFlagsIN2Qt10DropActionEE [QtXml]
ZN18QAbstractItemModel25changePersistentIndexListERK5QListI11QModelIndexES4 [QtCore]	_ZN18QAbstractItemModel4sortEiN2Qt9SortOrderE [QtCore]
_ZN18QAbstractItemModel5resetEv [QtCore]	_ZN18QAbstractItemModel6revertEv [QtCore]
_ZN18QAbstractItemModel6submitEv [QtCore]	_ZN18QAbstractItemModel7setDataERK11QModelIndexRK8QVarianti [QtCore]
_ZN18QAbstractItemModel9fetchMoreERK11QModelIndex [QtCore]	_ZN18QAbstractItemModelC1EP7QObject [QtCore]
_ZN18QAbstractItemModelC2EP7QObject [QtCore]	_ZN18QAbstractItemModelD0Ev [QtCore]
_ZN18QAbstractItemModelD1Ev [QtCore]	_ZN18QAbstractItemModelD2Ev [QtCore]
_ZN18QAbstractListModel11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN18QAbstractListModel11qt_metacastEPKc [QtCore]
_ZN18QAbstractListModel12dropMimeDataEPK9QMimeDataN2Qt10DropActionEiiRK11QModelIndex [QtCore]	_ZN18QAbstractListModelC1EP7QObject [QtCore]
_ZN18QAbstractListModelC2EP7QObject [QtCore]	_ZN18QAbstractListModelD0Ev [QtCore]
_ZN18QAbstractListModelD1Ev [QtCore]	_ZN18QAbstractListModelD2Ev [QtCore]
_ZN19QAbstractTableModel11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN19QAbstractTableModel11qt_metacastEPKc [QtCore]
_ZN19QAbstractTableModel12dropMimeDataEPK9QMimeDataN2Qt10DropActionEiiRK11QModelIndex [QtCore]	_ZN19QAbstractTableModelC1EP7QObject [QtCore]
_ZN19QAbstractTableModelC2EP7QObject [QtCore]	_ZN19QAbstractTableModelD0Ev [QtCore]
_ZN19QAbstractTableModelD1Ev [QtCore]	_ZN19QAbstractTableModelD2Ev [QtCore]
_ZN21QPersistentModelIndexC1ERK11QModelIndex [QtCore]	_ZN21QPersistentModelIndexC1ERKS_ [QtCore]
_ZN21QPersistentModelIndexC1Ev [QtCore]	_ZN21QPersistentModelIndexC2ERK11QModelIndex [QtCore]
ZN21QPersistentModelIndexC2ERKS [QtCore]	_ZN21QPersistentModelIndexC2Ev [QtCore]
_ZN21QPersistentModelIndexD1Ev [QtCore]	_ZN21QPersistentModelIndexD2Ev [QtCore]

© 2008 Linux Foundation

_ZN21QPersistentModelIndexaSERK11QModelIndex [QtCore]	_ZN21QPersistentModelIndexaSERKS_ [QtCore]
_ZNK18QAbstractItemModel10encodeDataERK5QListI11QModelIndexER11QDataStream [QtCore]	_ZNK18QAbstractItemModel10headerDataEiN2Qt11OrientationEi [QtCore]
_ZNK18QAbstractItemModel10metaObjectEv [QtCore]	_ZNK18QAbstractItemModel11hasChildrenERK11QModelIndex [QtCore]
_ZNK18QAbstractItemModel12canFetchMoreERK11QModelIndex [QtCore]	_ZNK18QAbstractItemModel19persistentIndexListEv [QtXml]
_ZNK18QAbstractItemModel20supportedDragActionsEv [QtXml]	_ZNK18QAbstractItemModel20supportedDropActionsEv [QtCore]
_ZNK18QAbstractItemModel4spanERK11QModelIndex [QtCore]	_ZNK18QAbstractItemModel5buddyERK11QModelIndex [QtCore]
_ZNK18QAbstractItemModel5flagsERK11QModelIndex [QtCore]	_ZNK18QAbstractItemModel5matchERK11QModelIndexiRK8QVariantiN6QFlagsIN2Qt9MatchFlagEE [QtCore]
_ZNK18QAbstractItemModel8hasIndexEiiRK11QModelIndex [QtCore]	_ZNK18QAbstractItemModel8itemDataERK11QModelIndex [QtCore]
_ZNK18QAbstractItemModel8mimeDataERK5QListI11QModelIndexE [QtCore]	_ZNK18QAbstractItemModel9mimeTypesEv [QtCore]
_ZNK18QAbstractListModel10metaObjectEv [QtCore]	_ZNK18QAbstractListModel11columnCountERK11QModelIndex [QtCore]
_ZNK18QAbstractListModel11hasChildrenERK11QModelIndex [QtCore]	_ZNK18QAbstractListModel5indexEiiRK11QModelIndex [QtCore]
_ZNK18QAbstractListModel6parentERK11QModelIndex [QtCore]	_ZNK19QAbstractTableModel10metaObjectEv [QtCore]
_ZNK19QAbstractTableModel11hasChildrenERK11QModelIndex [QtCore]	_ZNK19QAbstractTableModel5indexEiiRK11QModelIndex [QtCore]
_ZNK19QAbstractTableModel6parentERK11QModelIndex [QtCore]	_ZNK21QPersistentModelIndex10internalIdEv [QtCore]
_ZNK21QPersistentModelIndex15internalPointerEv [QtCore]	_ZNK21QPersistentModelIndex3rowEv [QtCore]
_ZNK21QPersistentModelIndex4dataEi [QtCore]	_ZNK21QPersistentModelIndex5childEii [QtCore]
_ZNK21QPersistentModelIndex5flagsEv [QtXml]	_ZNK21QPersistentModelIndex5modelEv [QtCore]
_ZNK21QPersistentModelIndex6columnEv [QtCore]	_ZNK21QPersistentModelIndex6parentEv [QtCore]
_ZNK21QPersistentModelIndex7isValidEv [QtCore]	_ZNK21QPersistentModelIndex7siblingEii [QtCore]

_ZNK21QPersistentModelIndexcvRK11QModelIndexEv [QtCore]	_ZNK21QPersistentModelIndexeqERK11QModelIndex [QtCore]
ZNK21QPersistentModelIndexeqERKS [QtCore]	_ZNK21QPersistentModelIndexltERKS_ [QtCore]
_ZNK21QPersistentModelIndexneERK11QModelIndex [QtCore]	_Zls6QDebugRK21QPersistentModelIndex [QtCore]

17.2.3 Qt4 Internationalization

17.2.3.1 Class data for QTextCodec

The virtual table for the QTextCodec class is described by Table 17-13

Table 17-13 Primary vtable for QTextCodec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextCodec
vfunc[0]:	__cxa_pure_virtual
vfunc[1]:	QTextCodec::aliases() const
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	QTextCodec::~QTextCodec()
vfunc[6]:	QTextCodec::~QTextCodec()

The Run Time Type Information for the QTextCodec class is described by Table 17-14

Table 17-14 typeinfo for QTextCodec

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextCodec

17.2.3.2 Class data for QTextCodecFactoryInterface

The virtual table for the QTextCodecFactoryInterface class is described by Table 17-15

Table 17-15 Primary vtable for QTextCodecFactoryInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextCodecFactoryInterface
vfunc[0]:	NULL or QTextCodecFactoryInterface::~QTextCodecFactoryInterface()
vfunc[1]:	NULL or QTextCodecFactoryInterface::~QTex

	tCodecFactoryInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QTextCodecFactoryInterface class is described by Table 17-16

Table 17-16 typeinfo for QTextCodecFactoryInterface

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextCodecFactoryInterface
basetype:	typeinfo for QFactoryInterface

17.2.3.3 Class data for QTranslator

The virtual table for the QTranslator class is described by Table 17-17

Table 17-17 Primary vtable for QTranslator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTranslator
vfunc[0]:	QTranslator::metaObject() const
vfunc[1]:	QTranslator::qt_metacast(char const*)
vfunc[2]:	QTranslator::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTranslator::~QTranslator()
vfunc[4]:	QTranslator::~QTranslator()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QTranslator::translate(char const*, char const*, char const*) const
vfunc[13]:	QTranslator::isEmpty() const

The Run Time Type Information for the QTranslator class is described by Table 17-18

Table 17-18 typeinfo for QTranslator

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QTranslator
basetype:	typeinfo for QObject

17.2.3.4 Class data for QSystemLocale

The virtual table for the QSystemLocale class is described by Table 17-19

Table 17-19 Primary vtable for QSystemLocale

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSystemLocale
vfunc[0]:	QSystemLocale::~QSystemLocale()
vfunc[1]:	QSystemLocale::~QSystemLocale()
vfunc[2]:	QSystemLocale::query(QSystemLocale::QueryType, QVariant) const
vfunc[3]:	QSystemLocale::fallbackLocale() const

17.2.3.5 Interfaces for Qt4 Internationalization

An LSB conforming implementation shall provide the generic functions for Qt4 Internationalization specified in Table 17-20, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-20 libQtCore - Qt4 Internationalization Function Interfaces

_ZN10QTextCodec11codecForMibEi [QtCore]	_ZN10QTextCodec12codecForHtmlERK10QByteArray [QtCore]
_ZN10QTextCodec12codecForNameERK10QByteArray [QtCore]	_ZN10QTextCodec13availableMibsEv [QtCore]
_ZN10QTextCodec14codecForLocaleEv [QtCore]	_ZN10QTextCodec15availableCodecsEv [QtCore]
ZN10QTextCodec17setCodecForLocaleEPS [QtCore]	_ZN10QTextCodec6localeEv [QtCore]
_ZN10QTextCodecC1Ev [QtCore]	_ZN10QTextCodecC2Ev [QtCore]
_ZN10QTextCodecD0Ev [QtCore]	_ZN10QTextCodecD1Ev [QtCore]
_ZN10QTextCodecD2Ev [QtCore]	_ZN11QTranslator11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]
_ZN11QTranslator11qt_metacastEPKc [QtCore]	_ZN11QTranslator4loadEPKhi [QtCore]
_ZN11QTranslator4loadERK7QStringS2_S2_S2_ [QtCore]	_ZN11QTranslatorC1EP7QObject [QtCore]
_ZN11QTranslatorC1EP7QObjectPKc [QtCore]	_ZN11QTranslatorC2EP7QObject [QtCore]
_ZN11QTranslatorC2EP7QObjectPKc [QtCore]	_ZN11QTranslatorD0Ev [QtCore]
_ZN11QTranslatorD1Ev [QtCore]	_ZN11QTranslatorD2Ev [QtCore]

_ZN12QTextDecoder9toUnicodeEPKci [QtCore]	_ZN12QTextDecoder9toUnicodeERK10QByteArray [QtCore]
_ZN12QTextDecoderD1Ev [QtCore]	_ZN12QTextDecoderD2Ev [QtCore]
_ZN12QTextEncoder11fromUnicodeEPK5QChari [QtCore]	_ZN12QTextEncoder11fromUnicodeERK7QString [QtCore]
_ZN12QTextEncoder11fromUnicodeERK7QStringRi [QtCore]	_ZN12QTextEncoderD1Ev [QtCore]
_ZN12QTextEncoderD2Ev [QtCore]	_ZN13QSystemLocaleC1Ev [QtXml]
_ZN13QSystemLocaleC2Ev [QtXml]	_ZN13QSystemLocaleD0Ev [QtXml]
_ZN13QSystemLocaleD1Ev [QtXml]	_ZN13QSystemLocaleD2Ev [QtXml]
ZN7QLocale10setDefaultERKS [QtCore]	_ZN7QLocale15countryToStringENS_7CountryE [QtCore]
_ZN7QLocale16languageToStringENS_8LanguageE [QtCore]	_ZN7QLocale16setNumberOptionsE6QFlagsINS_12NumberOptionEE [QtXml]
_ZN7QLocale6systemEv [QtCore]	_ZN7QLocaleC1ENS_8LanguageENS_7CountryE [QtCore]
_ZN7QLocaleC1ERK7QString [QtCore]	_ZN7QLocaleC1ERKS_ [QtCore]
_ZN7QLocaleC1Ev [QtCore]	_ZN7QLocaleC2ENS_8LanguageENS_7CountryE [QtCore]
_ZN7QLocaleC2ERK7QString [QtCore]	_ZN7QLocaleC2ERKS_ [QtCore]
_ZN7QLocaleC2Ev [QtCore]	_ZN7QLocaleaSERKS_ [QtCore]
_ZNK10QTextCodec11fromUnicodeERK7QString [QtCore]	_ZNK10QTextCodec11fromUnicodeERK7QStringRi [QtCore]
_ZNK10QTextCodec11makeDecoderEv [QtCore]	_ZNK10QTextCodec11makeEncoderEv [QtCore]
_ZNK10QTextCodec7aliasesEv [QtCore]	_ZNK10QTextCodec9canEncodeE5QChar [QtCore]
_ZNK10QTextCodec9canEncodeERK7QString [QtCore]	_ZNK10QTextCodec9toUnicodeEPKc [QtCore]
_ZNK10QTextCodec9toUnicodeERK10QByteArray [QtCore]	_ZNK10QTextCodec9toUnicodeERK10QByteArrayi [QtCore]
_ZNK11QTranslator10metaObjectEv [QtCore]	_ZNK11QTranslator7isEmptyEv [QtCore]
_ZNK11QTranslator9translateEPKcS1_S1_ [QtCore]	_ZNK11QTranslator9translateEPKcS1_S1_i [QtXml]
_ZNK13QSystemLocale14fallbackLocaleEv [QtXml]	_ZNK13QSystemLocale5queryENS_9QueryTypeE8QVariant [QtXml]
_ZNK7QLocale10dateFormatENS_10FormatTypeE [QtCore]	_ZNK7QLocale10timeFormatENS_10FormatTypeE [QtCore]
_ZNK7QLocale10toLongLongERK7QStringPbi [QtCore]	_ZNK7QLocale11exponentialEv [QtCore]
_ZNK7QLocale11toULongLongERK	_ZNK7QLocale12decimalPointEv

7QStringPbi [QtCore]	[QtCore]
_ZNK7QLocale12negativeSignEv [QtCore]	_ZNK7QLocale13numberOptionsEv [QtXml]
_ZNK7QLocale14groupSeparatorEv [QtCore]	_ZNK7QLocale4nameEv [QtCore]
_ZNK7QLocale5toIntERK7QStringPbi [QtCore]	_ZNK7QLocale6toUIntERK7QStringPbi [QtCore]
_ZNK7QLocale7countryEv [QtCore]	_ZNK7QLocale7dayNameEiNS_10FormatTypeE [QtXml]
_ZNK7QLocale7percentEv [QtCore]	_ZNK7QLocale7toFloatERK7QStringPb [QtCore]
_ZNK7QLocale7toShortERK7QStringPbi [QtCore]	_ZNK7QLocale8languageEv [QtCore]
_ZNK7QLocale8toDoubleERK7QStringPb [QtCore]	_ZNK7QLocale8toStringERK5QDateNS_10FormatTypeE [QtCore]
_ZNK7QLocale8toStringERK5QDateRK7QString [QtCore]	_ZNK7QLocale8toStringERK5QTimeNS_10FormatTypeE [QtCore]
_ZNK7QLocale8toStringERK5QTimeRK7QString [QtCore]	_ZNK7QLocale8toStringEdci [QtCore]
_ZNK7QLocale8toStringEx [QtCore]	_ZNK7QLocale8toStringEy [QtCore]
_ZNK7QLocale8toUShortERK7QStringPbi [QtCore]	_ZNK7QLocale9monthNameEiNS_10FormatTypeE [QtXml]
_ZNK7QLocale9zeroDigitEv [QtCore]	_ZlsR11QDataStreamRK7QLocale [QtCore]
_ZrsR11QDataStreamR7QLocale [QtCore]	

17.2.4 Qt4 Containers

17.2.4.1 Class data for QMimeData

The virtual table for the QMimeData class is described by Table 17-21

Table 17-21 Primary vtable for QMimeData

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMimeData
vfunc[0]:	QMimeData::metaObject() const
vfunc[1]:	QMimeData::qt_metacast(char const*)
vfunc[2]:	QMimeData::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QMimeData::~QMimeData()
vfunc[4]:	QMimeData::~QMimeData()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*,

	QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QMimeData::hasFormat(QString const&) const
vfunc[13]:	QMimeData::formats() const
vfunc[14]:	QMimeData::retrieveData(QString const&, QVariant::Type) const

The Run Time Type Information for the QMimeData class is described by Table 17-22

Table 17-22 typeinfo for QMimeData

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMimeData
basetype:	typeinfo for QObject

17.2.4.2 Interfaces for Qt4 Containers

An LSB conforming implementation shall provide the generic functions for Qt4 Containers specified in Table 17-23, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-23 libQtCore - Qt4 Containers Function Interfaces

_ZN11QVectorData4growEiiib [QtCore]	_ZN11QVectorData6mallocEiiiPS_ [QtCore]
_ZN8QMapData10createDataEv [QtCore]	_ZN8QMapData11node_createEPPNS_4NodeEi [QtCore]
_ZN8QMapData11node_deleteEPPNS_4NodeEiS1_ [QtCore]	_ZN8QMapData16continueFreeDataEi [QtCore]
_ZN9QHashData12allocateNodeEv [QtCore]	_ZN9QHashData12previousNodeEPNS_4NodeE [QtCore]
_ZN9QHashData13detach_helperEPFvPNS_4NodeEPvEi [QtCore]	_ZN9QHashData14destroyAndFreeEv [QtCore]
_ZN9QHashData6rehashEi [QtCore]	_ZN9QHashData8freeNodeEPv [QtCore]
_ZN9QHashData8nextNodeEPNS_4NodeE [QtCore]	_ZN9QListData4moveEii [QtCore]
_ZN9QListData5eraseEPPv [QtCore]	_ZN9QListData6appendERKS_ [QtCore]
_ZN9QListData6appendEv [QtCore]	_ZN9QListData6detachEv [QtCore]
_ZN9QListData6insertEi [QtCore]	_ZN9QListData6removeEi [QtCore]

_ZN9QListData6removeEii [QtCore]	_ZN9QListData7prependEv [QtCore]
_ZN9QListData7reallocEi [QtCore]	_ZN9QMimeData11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]
_ZN9QMimeData11qt_metacastEPKc [QtCore]	_ZN9QMimeData12setColorDataERK8QVariant [QtCore]
_ZN9QMimeData12setImageDataERK8QVariant [QtCore]	_ZN9QMimeData5clearEv [QtCore]
_ZN9QMimeData7setDataERK7QStringRK10QByteArray [QtCore]	_ZN9QMimeData7setHtmlERK7QString [QtCore]
_ZN9QMimeData7setTextERK7QString [QtCore]	_ZN9QMimeData7setUrlsERK5QListI4QUrlE [QtCore]
_ZN9QMimeDataC1Ev [QtCore]	_ZN9QMimeDataC2Ev [QtCore]
_ZN9QMimeDataD0Ev [QtCore]	_ZN9QMimeDataD1Ev [QtCore]
_ZN9QMimeDataD2Ev [QtCore]	_ZNK9QMimeData10metaObjectEv [QtCore]
_ZNK9QMimeData12retrieveDataERK7QStringN8QVariant4TypeE [QtCore]	_ZNK9QMimeData4dataERK7QString [QtCore]
_ZNK9QMimeData4htmlEv [QtCore]	_ZNK9QMimeData4textEv [QtCore]
_ZNK9QMimeData4urlsEv [QtCore]	_ZNK9QMimeData7formatsEv [QtCore]
_ZNK9QMimeData7hasHtmlEv [QtCore]	_ZNK9QMimeData7hasTextEv [QtCore]
_ZNK9QMimeData7hasUrlsEv [QtCore]	_ZNK9QMimeData8hasColorEv [QtCore]
_ZNK9QMimeData8hasImageEv [QtCore]	_ZNK9QMimeData9colorDataEv [QtCore]
_ZNK9QMimeData9hasFormatERK7QString [QtCore]	_ZNK9QMimeData9imageDataEv [QtCore]

17.2.5 Qt4 Events

17.2.5.1 Class data for QEventLoop

The virtual table for the QEventLoop class is described by Table 17-24

Table 17-24 Primary vtable for QEventLoop

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QEventLoop
vfunc[0]:	QEventLoop::metaObject() const
vfunc[1]:	QEventLoop::qt_metacast(char const*)
vfunc[2]:	QEventLoop::qt_metacall(QMetaObj

	ect::Call, int, void**)
vfunc[3]:	QEventLoop::~QEventLoop()
vfunc[4]:	QEventLoop::~QEventLoop()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QEventLoop class is described by Table 17-25

Table 17-25 typeinfo for QEventLoop

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QEventLoop
basetype:	typeinfo for QObject

17.2.5.2 Class data for QEvent

The virtual table for the QEvent class is described by Table 17-26

Table 17-26 Primary vtable for QEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QEvent
vfunc[0]:	QEvent::~QEvent()
vfunc[1]:	QEvent::~QEvent()

The Run Time Type Information for the QEvent class is described by Table 17-27

Table 17-27 typeinfo for QEvent

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QEvent

17.2.5.3 Class data for QTimerEvent

The virtual table for the QTimerEvent class is described by Table 17-28

Table 17-28 Primary vtable for QTimerEvent

Base Offset	0
Virtual Base Offset	0

RTTI	typeinfo for QTimerEvent
vfunc[0]:	QTimerEvent::~QTimerEvent()
vfunc[1]:	QTimerEvent::~QTimerEvent()

The Run Time Type Information for the QTimerEvent class is described by Table 17-29

Table 17-29 typeinfo for QTimerEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTimerEvent
basetype:	typeinfo for QEvent

17.2.5.4 Class data for QChildEvent

The virtual table for the QChildEvent class is described by Table 17-30

Table 17-30 Primary vtable for QChildEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QChildEvent
vfunc[0]:	QChildEvent::~QChildEvent()
vfunc[1]:	QChildEvent::~QChildEvent()

The Run Time Type Information for the QChildEvent class is described by Table 17-31

Table 17-31 typeinfo for QChildEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QChildEvent
basetype:	typeinfo for QEvent

17.2.5.5 Class data for QCustomEvent

The virtual table for the QCustomEvent class is described by Table 17-32

Table 17-32 Primary vtable for QCustomEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCustomEvent
vfunc[0]:	QCustomEvent::~QCustomEvent()
vfunc[1]:	QCustomEvent::~QCustomEvent()

The Run Time Type Information for the QCustomEvent class is described by Table 17-33

Table 17-33 typeinfo for QCustomEvent

Base Vtable	vtable for

© 2008 Linux Foundation

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QCustomEvent
basetype:	typeinfo for QEvent

17.2.5.6 Class data for QAbstractEventDispatcher

The virtual table for the QAbstractEventDispatcher class is described by Table 17-34

Table 17-34 Primary vtable for QAbstractEventDispatcher

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractEventDispatcher
vfunc[0]:	QAbstractEventDispatcher::metaObject() const
vfunc[1]:	QAbstractEventDispatcher::qt_metacast(char const*)
vfunc[2]:	QAbstractEventDispatcher::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractEventDispatcher::~QAbstractEventDispatcher()
vfunc[4]:	QAbstractEventDispatcher::~QAbstractEventDispatcher()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	__cxa_pure_virtual
vfunc[17]:	__cxa_pure_virtual
vfunc[18]:	__cxa_pure_virtual
vfunc[19]:	__cxa_pure_virtual
vfunc[20]:	__cxa_pure_virtual
vfunc[21]:	__cxa_pure_virtual
vfunc[22]:	__cxa_pure_virtual

vfunc[23]:	QAbstractEventDispatcher::startingUp()
vfunc[24]:	QAbstractEventDispatcher::closingDown()

The Run Time Type Information for the QAbstractEventDispatcher class is described by Table 17-35

Table 17-35 typeinfo for QAbstractEventDispatcher

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractEventDispatcher
basetype:	typeinfo for QObject

17.2.5.7 Interfaces for Qt4 Events

An LSB conforming implementation shall provide the generic functions for Qt4 Events specified in Table 17-36, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-36 libQtCore - Qt4 Events Function Interfaces

_ZN10QEventLoop11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN10QEventLoop11qt_metacastEPKc [QtCore]
_ZN10QEventLoop13processEventsE6QFlagsINS_17ProcessEventsFlagEE [QtCore]	_ZN10QEventLoop13processEventsE6QFlagsINS_17ProcessEventsFlagEEi [QtCore]
_ZN10QEventLoop4execE6QFlagsINS_17ProcessEventsFlagEE [QtCore]	_ZN10QEventLoop4exitEi [QtCore]
_ZN10QEventLoop4quitEv [QtCore]	_ZN10QEventLoop6wakeUpEv [QtCore]
_ZN10QEventLoopC1EP7QObject [QtCore]	_ZN10QEventLoopC2EP7QObject [QtCore]
_ZN10QEventLoopD0Ev [QtCore]	_ZN10QEventLoopD1Ev [QtCore]
_ZN10QEventLoopD2Ev [QtCore]	_ZN11QChildEventC1EN6QEvent4TypeEP7QObject [QtCore]
_ZN11QChildEventC2EN6QEvent4TypeEP7QObject [QtCore]	_ZN11QChildEventD0Ev [QtCore]
_ZN11QChildEventD1Ev [QtCore]	_ZN11QChildEventD2Ev [QtCore]
_ZN11QTimerEventC1Ei [QtCore]	_ZN11QTimerEventC2Ei [QtCore]
_ZN11QTimerEventD0Ev [QtCore]	_ZN11QTimerEventD1Ev [QtCore]
_ZN11QTimerEventD2Ev [QtCore]	_ZN12QCustomEventC1EiPv [QtCore]
_ZN12QCustomEventC2EiPv [QtCore]	_ZN12QCustomEventD0Ev [QtCore]
_ZN12QCustomEventD1Ev [QtCore]	_ZN12QCustomEventD2Ev [QtCore]
_ZN24QAbstractEventDispatcher10startingUpEv [QtCore]	_ZN24QAbstractEventDispatcher11closingDownEv [QtCore]

_ZN24QAbstractEventDispatcher11filterEventEPv [QtCore]	_ZN24QAbstractEventDispatcher11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]
_ZN24QAbstractEventDispatcher11qt_metacastEPKc [QtCore]	_ZN24QAbstractEventDispatcher12aboutToBlockEv [QtCore]
_ZN24QAbstractEventDispatcher13registerTimerEiP7QObject [QtCore]	_ZN24QAbstractEventDispatcher14setEventFilterEPFbPvE [QtCore]
_ZN24QAbstractEventDispatcher5awakeEv [QtCore]	_ZN24QAbstractEventDispatcher8instanceEP7QThread [QtCore]
_ZN24QAbstractEventDispatcherC1EP7QObject [QtCore]	_ZN24QAbstractEventDispatcherC2EP7QObject [QtCore]
_ZN24QAbstractEventDispatcherD0Ev [QtCore]	_ZN24QAbstractEventDispatcherD1Ev [QtCore]
_ZN24QAbstractEventDispatcherD2Ev [QtCore]	_ZN27QDynamicPropertyChangeEventC1ERK10QByteArray [QtXml]
_ZN27QDynamicPropertyChangeEventC2ERK10QByteArray [QtXml]	_ZN27QDynamicPropertyChangeEventD0Ev [QtXml]
_ZN27QDynamicPropertyChangeEventD1Ev [QtXml]	_ZN27QDynamicPropertyChangeEventD2Ev [QtXml]
_ZN6QEventC1ENS_4TypeE [QtCore]	_ZN6QEventC2ENS_4TypeE [QtCore]
_ZN6QEventD0Ev [QtCore]	_ZN6QEventD1Ev [QtCore]
_ZN6QEventD2Ev [QtCore]	_ZNK10QEventLoop10metaObjectEv [QtCore]
_ZNK10QEventLoop9isRunningEv [QtCore]	_ZNK24QAbstractEventDispatcher10metaObjectEv [QtCore]

17.2.6 Qt4 Arrays

17.2.6.1 Interfaces for Qt4 Arrays

An LSB conforming implementation shall provide the generic functions for Qt4 Arrays specified in Table 17-37, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-37 libQtCore - Qt4 Arrays Function Interfaces

_Z11qUncompressPKhi [QtCore]	_Z9qCompressPKhii [QtCore]
ZN10QByteArray10fromBase64ERKS [QtCore]	_ZN10QByteArray11fromRawDataEPKci [QtCore]
_ZN10QByteArray4chopEi [QtCore]	_ZN10QByteArray4fillEci [QtCore]
_ZN10QByteArray5clearEv [QtCore]	_ZN10QByteArray6appendEPKc [QtCore]
ZN10QByteArray6appendERKS [QtCore]	_ZN10QByteArray6appendEc [QtCore]
_ZN10QByteArray6expandEi [QtCore]	_ZN10QByteArray6insertEiPKc [QtCore]
ZN10QByteArray6insertEiRKS	_ZN10QByteArray6insertEic

[QtCore]	[QtCore]
_ZN10QByteArray6numberEdci [QtCore]	_ZN10QByteArray6numberEii [QtCore]
_ZN10QByteArray6numberEji [QtCore]	_ZN10QByteArray6numberExi [QtCore]
_ZN10QByteArray6numberEyi [QtCore]	_ZN10QByteArray6removeEii [QtCore]
_ZN10QByteArray6resizeEi [QtCore]	_ZN10QByteArray6setNumEdci [QtCore]
_ZN10QByteArray6setNumExi [QtCore]	_ZN10QByteArray6setNumEyi [QtCore]
_ZN10QByteArray7prependEPKc [QtCore]	_ZN10QByteArray7prependERKS_ [QtCore]
_ZN10QByteArray7prependEc [QtCore]	_ZN10QByteArray7reallocEi [QtCore]
_ZN10QByteArray7replaceERKS_S1_ [QtCore]	_ZN10QByteArray7replaceEcRKS_ [QtCore]
_ZN10QByteArray7replaceEcc [QtCore]	_ZN10QByteArray7replaceEiiRKS_ [QtCore]
_ZN10QByteArray8truncateEi [QtCore]	_ZN10QByteArrayC1EPKc [QtCore]
_ZN10QByteArrayC1EPKci [QtCore]	_ZN10QByteArrayC1Eic [QtCore]
_ZN10QByteArrayC2EPKc [QtCore]	_ZN10QByteArrayC2EPKci [QtCore]
_ZN10QByteArrayC2Eic [QtCore]	_ZN10QByteArrayaSEPKc [QtCore]
ZN10QByteArrayaSERKS [QtCore]	_ZN17QByteArrayMatcher10setPatternERK10QByteArray [QtCore]
_ZN17QByteArrayMatcherC1ERK10QByteArray [QtCore]	_ZN17QByteArrayMatcherC1ERKS_ [QtCore]
_ZN17QByteArrayMatcherC1Ev [QtCore]	_ZN17QByteArrayMatcherC2ERK10QByteArray [QtCore]
ZN17QByteArrayMatcherC2ERKS [QtCore]	_ZN17QByteArrayMatcherC2Ev [QtCore]
_ZN17QByteArrayMatcherD1Ev [QtCore]	_ZN17QByteArrayMatcherD2Ev [QtCore]
ZN17QByteArrayMatcheraSERKS [QtCore]	_ZN9QBitArray4fillEbii [QtCore]
_ZN9QBitArray6resizeEi [QtCore]	_ZN9QBitArrayC1Eib [QtCore]
_ZN9QBitArrayC2Eib [QtCore]	_ZN9QBitArrayaNERKS_ [QtCore]
ZN9QBitArrayeOERKS [QtCore]	_ZN9QBitArrayoRERKS_ [QtCore]
_ZNK10QByteArray10simplifiedEv [QtCore]	_ZNK10QByteArray10startsWithEPKc [QtCore]
ZNK10QByteArray10startsWithERKS [QtCore]	_ZNK10QByteArray10startsWithEc [QtCore]
_ZNK10QByteArray10toLongLongEPbi [QtCore]	_ZNK10QByteArray11lastIndexOfERKS_i [QtCore]

_ZNK10QByteArray11lastIndexOfEci [QtCore]	_ZNK10QByteArray11toULongLongEPbi [QtCore]
_ZNK10QByteArray13leftJustifiedEicb [QtCore]	_ZNK10QByteArray14rightJustifiedEicb [QtCore]
_ZNK10QByteArray3midEii [QtCore]	_ZNK10QByteArray4leftEi [QtCore]
_ZNK10QByteArray5countEPKc [QtCore]	_ZNK10QByteArray5countERKS_ [QtCore]
_ZNK10QByteArray5countEc [QtCore]	_ZNK10QByteArray5rightEi [QtCore]
_ZNK10QByteArray5splitEc [QtCore]	_ZNK10QByteArray5toIntEPbi [QtCore]
_ZNK10QByteArray6isNullEv [QtCore]	_ZNK10QByteArray6toLongEPbi [QtCore]
_ZNK10QByteArray6toUIntEPbi [QtCore]	_ZNK10QByteArray7indexOfERKS_i [QtCore]
_ZNK10QByteArray7indexOfEci [QtCore]	_ZNK10QByteArray7toFloatEPb [QtCore]
_ZNK10QByteArray7toLowerEv [QtCore]	_ZNK10QByteArray7toShortEPbi [QtCore]
_ZNK10QByteArray7toULongEPbi [QtCore]	_ZNK10QByteArray7toUpperEv [QtCore]
_ZNK10QByteArray7trimmedEv [QtCore]	_ZNK10QByteArray8endsWithEPKc [QtCore]
ZNK10QByteArray8endsWithERKS [QtCore]	_ZNK10QByteArray8endsWithEc [QtCore]
_ZNK10QByteArray8toBase64Ev [QtCore]	_ZNK10QByteArray8toDoubleEPb [QtCore]
_ZNK10QByteArray8toUShortEPbi [QtCore]	_ZNK17QByteArrayMatcher7indexInERK10QByteArrayi [QtCore]
_ZNK9QBitArray5countEb [QtCore]	_ZNK9QBitArraycoEv [QtCore]
ZanRK9QBitArrayS1 [QtCore]	_ZeoRK9QBitArrayS1_ [QtCore]
_ZlsR11QDataStreamRK10QByteArray [QtCore]	_ZlsR11QDataStreamRK9QBitArray [QtCore]
ZorRK9QBitArrayS1 [QtCore]	_ZrsR11QDataStreamR10QByteArray [QtCore]
_ZrsR11QDataStreamR9QBitArray [QtCore]	

17.2.7 Qt4 Plugins

17.2.7.1 Class data for QTextCodecPlugin

The virtual table for the QTextCodecPlugin class is described by Table 17-38

Table 17-38 Primary vtable for QTextCodecPlugin

Base Offset	0

Virtual Base Offset	0
RTTI	typeinfo for QTextCodecPlugin
vfunc[0]:	QTextCodecPlugin::metaObject() const
vfunc[1]:	QTextCodecPlugin::qt_metacast(char const*)
vfunc[2]:	QTextCodecPlugin::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTextCodecPlugin::~QTextCodecPlugin()
vfunc[4]:	QTextCodecPlugin::~QTextCodecPlugin()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	__cxa_pure_virtual
vfunc[17]:	QTextCodecPlugin::keys() const
vfunc[18]:	QTextCodecPlugin::create(QString const&)

The Run Time Type Information for the QTextCodecPlugin class is described by Table 17-39

Table 17-39 typeinfo for QTextCodecPlugin

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QTextCodecPlugin	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QTextCodecFactoryInterface	2050

17.2.7.2 Class data for QPluginLoader

The virtual table for the QPluginLoader class is described by Table 17-40

Table 17-40 Primary vtable for QPluginLoader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPluginLoader
vfunc[0]:	QPluginLoader::metaObject() const
vfunc[1]:	QPluginLoader::qt_metacast(char const*)
vfunc[2]:	QPluginLoader::qt_metacall(QMeta Object::Call, int, void**)
vfunc[3]:	QPluginLoader::~QPluginLoader()
vfunc[4]:	QPluginLoader::~QPluginLoader()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QPluginLoader class is described by Table 17-41

Table 17-41 typeinfo for QPluginLoader

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPluginLoader
basetype:	typeinfo for QObject

17.2.7.3 Class data for QLibrary

The virtual table for the QLibrary class is described by Table 17-42

Table 17-42 Primary vtable for QLibrary

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLibrary
vfunc[0]:	QLibrary::metaObject() const
vfunc[1]:	QLibrary::qt_metacast(char const*)
vfunc[2]:	QLibrary::qt_metacall(QMetaObject:: Call, int, void**)
vfunc[3]:	QLibrary::~QLibrary()

vfunc[4]:	QLibrary::~QLibrary()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QLibrary class is described by Table 17-43

Table 17-43 typeinfo for QLibrary

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QLibrary
basetype:	typeinfo for QObject

17.2.7.4 Interfaces for Qt4 Plugins

An LSB conforming implementation shall provide the generic functions for Qt4 Plugins specified in Table 17-44, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-44 libQtCore - Qt4 Plugins Function Interfaces

_ZN13QPluginLoader11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN13QPluginLoader11qt_metacastEPKc [QtCore]
_ZN13QPluginLoader11setFileNameERK7QString [QtCore]	_ZN13QPluginLoader15staticInstancesEv [QtCore]
_ZN13QPluginLoader4loadEv [QtCore]	_ZN13QPluginLoader6unloadEv [QtCore]
_ZN13QPluginLoader8instanceEv [QtCore]	_ZN13QPluginLoaderC1EP7QObject [QtCore]
_ZN13QPluginLoaderC1ERK7QStringP7QObject [QtCore]	_ZN13QPluginLoaderC2EP7QObject [QtCore]
_ZN13QPluginLoaderC2ERK7QStringP7QObject [QtCore]	_ZN13QPluginLoaderD0Ev [QtCore]
_ZN13QPluginLoaderD1Ev [QtCore]	_ZN13QPluginLoaderD2Ev [QtCore]
_ZN16QTextCodecPlugin11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN16QTextCodecPlugin11qt_metacastEPKc [QtCore]
_ZN16QTextCodecPlugin6createERK7QString [QtCore]	_ZN16QTextCodecPluginC1EP7QObject [QtCore]
_ZN16QTextCodecPluginC2EP7QO	_ZN16QTextCodecPluginD0Ev

bject [QtCore]	[QtCore]
_ZN16QTextCodecPluginD1Ev [QtCore]	_ZN16QTextCodecPluginD2Ev [QtCore]
_ZN8QLibrary11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN8QLibrary11qt_metacastEPKc [QtCore]
_ZN8QLibrary11setFileNameERK7QString [QtCore]	_ZN8QLibrary12setLoadHintsE6QFlagsINS_8LoadHintEE [QtXml]
_ZN8QLibrary21setFileNameAndVersionERK7QStringi [QtCore]	_ZN8QLibrary4loadEv [QtCore]
_ZN8QLibrary6unloadEv [QtCore]	_ZN8QLibrary7resolveEPKc [QtCore]
_ZN8QLibrary7resolveERK7QStringPKc [QtCore]	_ZN8QLibrary7resolveERK7QStringiPKc [QtCore]
_ZN8QLibrary9isLibraryERK7QString [QtCore]	_ZN8QLibraryC1EP7QObject [QtCore]
_ZN8QLibraryC1ERK7QStringP7QObject [QtCore]	_ZN8QLibraryC1ERK7QStringiP7QObject [QtCore]
_ZN8QLibraryC2EP7QObject [QtCore]	_ZN8QLibraryC2ERK7QStringP7QObject [QtCore]
_ZN8QLibraryC2ERK7QStringiP7QObject [QtCore]	_ZN8QLibraryD0Ev [QtCore]
_ZN8QLibraryD1Ev [QtCore]	_ZN8QLibraryD2Ev [QtCore]
_ZNK13QPluginLoader10metaObjectEv [QtCore]	_ZNK13QPluginLoader11errorStringEv [QtXml]
_ZNK13QPluginLoader8fileNameEv [QtCore]	_ZNK13QPluginLoader8isLoadedEv [QtCore]
_ZNK16QTextCodecPlugin10metaObjectEv [QtCore]	_ZNK16QTextCodecPlugin4keysEv [QtCore]
_ZNK8QLibrary10metaObjectEv [QtCore]	_ZNK8QLibrary11errorStringEv [QtXml]
_ZNK8QLibrary8fileNameEv [QtCore]	_ZNK8QLibrary8isLoadedEv [QtCore]
_ZNK8QLibrary9loadHintsEv [QtXml]	

17.2.8 Qt4 Date and Time

17.2.8.1 Class data for QTimer

The virtual table for the QTimer class is described by Table 17-45

Table 17-45 Primary vtable for QTimer

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTimer
vfunc[0]:	QTimer::metaObject() const

vfunc[1]:	QTimer::qt_metacast(char const*)
vfunc[2]:	QTimer::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTimer::~QTimer()
vfunc[4]:	QTimer::~QTimer()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QTimer::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QTimer class is described by Table 17-46

Table 17-46 typeinfo for QTimer

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTimer
basetype:	typeinfo for QObject

17.2.8.2 Interfaces for Qt4 Date and Time

An LSB conforming implementation shall provide the generic functions for Qt4 Date and Time specified in Table 17-47, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-47 libQtCore - Qt4 Date and Time Function Interfaces

_ZN11QBasicTimer4stopEv [QtCore]	_ZN11QBasicTimer5startEiP7QObject [QtCore]
_ZN5QDate10fromStringERK7QStringN2Qt10DateFormatE [QtCore]	_ZN5QDate10fromStringERK7QStringS2_ [QtCore]
_ZN5QDate10isLeapYearEi [QtCore]	_ZN5QDate11currentDateEv [QtCore]
_ZN5QDate11longDayNameEi [QtCore]	_ZN5QDate12shortDayNameEi [QtCore]
_ZN5QDate13longMonthNameEi [QtCore]	_ZN5QDate14shortMonthNameEi [QtCore]
_ZN5QDate17gregorianToJulianEiii [QtCore]	_ZN5QDate17julianToGregorianEjRiS0_S0_ [QtCore]
_ZN5QDate6setYMDEiii [QtCore]	_ZN5QDate7isValidEiii [QtCore]
_ZN5QDate7setDateEiii [QtXml]	_ZN5QDateC1Eiii [QtCore]
_ZN5QDateC2Eiii [QtCore]	_ZN5QTime10fromStringERK7QStringN2Qt10DateFormatE [QtCore]

ZN5QTime10fromStringERK7QStringS2 [QtCore]	_ZN5QTime11currentTimeEv [QtCore]
_ZN5QTime5startEv [QtCore]	_ZN5QTime6setHMSEiiii [QtCore]
_ZN5QTime7isValidEiiii [QtCore]	_ZN5QTime7restartEv [QtCore]
_ZN5QTimeC1Eiiii [QtCore]	_ZN5QTimeC2Eiiii [QtCore]
_ZN6QTimer10singleShotEiP7QObjectPKc [QtCore]	_ZN6QTimer10timerEventEP11QTimerEvent [QtCore]
_ZN6QTimer11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN6QTimer11qt_metacastEPKc [QtCore]
_ZN6QTimer11setIntervalEi [QtCore]	_ZN6QTimer4stopEv [QtCore]
_ZN6QTimer5startEi [QtCore]	_ZN6QTimer5startEib [QtCore]
_ZN6QTimer5startEv [QtCore]	_ZN6QTimer7timeoutEv [QtCore]
_ZN6QTimerC1EP7QObject [QtCore]	_ZN6QTimerC1EP7QObjectPKc [QtCore]
_ZN6QTimerC2EP7QObject [QtCore]	_ZN6QTimerC2EP7QObjectPKc [QtCore]
_ZN6QTimerD0Ev [QtCore]	_ZN6QTimerD1Ev [QtCore]
_ZN6QTimerD2Ev [QtCore]	_ZN9QDateTime10fromStringERK7QStringN2Qt10DateFormatE [QtCore]
ZN9QDateTime10fromStringERK7QStringS2 [QtCore]	_ZN9QDateTime10fromTime_tEj [QtXml]
_ZN9QDateTime11setTimeSpecEN2Qt8TimeSpecE [QtCore]	_ZN9QDateTime15currentDateTimeEv [QtCore]
_ZN9QDateTime7setDateERK5QDate [QtCore]	_ZN9QDateTime7setTimeERK5QTime [QtCore]
_ZN9QDateTime9setTime_tEj [QtCore]	_ZN9QDateTimeC1ERK5QDate [QtCore]
_ZN9QDateTimeC1ERK5QDateRK5QTimeN2Qt8TimeSpecE [QtCore]	_ZN9QDateTimeC1ERKS_ [QtCore]
_ZN9QDateTimeC1Ev [QtCore]	_ZN9QDateTimeC2ERK5QDate [QtCore]
_ZN9QDateTimeC2ERK5QDateRK5QTimeN2Qt8TimeSpecE [QtCore]	_ZN9QDateTimeC2ERKS_ [QtCore]
_ZN9QDateTimeC2Ev [QtCore]	_ZN9QDateTimeD1Ev [QtCore]
_ZN9QDateTimeD2Ev [QtCore]	_ZN9QDateTimeaSERKS_ [QtCore]
_ZN9QTimeLine10timerEventEP11QTimerEvent [QtXml]	_ZN9QTimeLine11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN9QTimeLine11qt_metacastEPKc [QtXml]	_ZN9QTimeLine11setDurationEi [QtXml]
_ZN9QTimeLine11setEndFrameEi [QtXml]	_ZN9QTimeLine12frameChangedEi [QtXml]
_ZN9QTimeLine12setDirectionENS_9DirectionE [QtXml]	_ZN9QTimeLine12setLoopCountEi [QtXml]

_ZN9QTimeLine12stateChangedENS_5StateE [QtXml]	_ZN9QTimeLine12valueChangedEd [QtXml]
_ZN9QTimeLine13setCurveShapeENS_10CurveShapeE [QtXml]	_ZN9QTimeLine13setFrameRangeEii [QtXml]
_ZN9QTimeLine13setStartFrameEi [QtXml]	_ZN9QTimeLine14setCurrentTimeEi [QtXml]
_ZN9QTimeLine15toggleDirectionEv [QtXml]	_ZN9QTimeLine17setUpdateIntervalEi [QtXml]
_ZN9QTimeLine4stopEv [QtXml]	_ZN9QTimeLine5startEv [QtXml]
_ZN9QTimeLine8finishedEv [QtXml]	_ZN9QTimeLine9setPausedEb [QtXml]
_ZN9QTimeLineC1EiP7QObject [QtXml]	_ZN9QTimeLineC2EiP7QObject [QtXml]
_ZN9QTimeLineD0Ev [QtXml]	_ZN9QTimeLineD1Ev [QtXml]
_ZN9QTimeLineD2Ev [QtXml]	_ZNK5QDate10daysInYearEv [QtCore]
_ZNK5QDate10weekNumberEPi [QtCore]	_ZNK5QDate11daysInMonthEv [QtCore]
_ZNK5QDate3dayEv [QtCore]	_ZNK5QDate4yearEv [QtCore]
_ZNK5QDate5monthEv [QtCore]	_ZNK5QDate6daysToERKS_ [QtCore]
_ZNK5QDate7addDaysEi [QtCore]	_ZNK5QDate7isValidEv [QtCore]
_ZNK5QDate8addYearsEi [QtCore]	_ZNK5QDate8toStringEN2Qt10DateFormatE [QtCore]
_ZNK5QDate8toStringERK7QString [QtCore]	_ZNK5QDate9addMonthsEi [QtCore]
_ZNK5QDate9dayOfWeekEv [QtCore]	_ZNK5QDate9dayOfYearEv [QtCore]
_ZNK5QTime4hourEv [QtCore]	_ZNK5QTime4msecEv [QtCore]
_ZNK5QTime6minuteEv [QtCore]	_ZNK5QTime6secondEv [QtCore]
ZNK5QTime6secsToERKS [QtCore]	_ZNK5QTime7addSecsEi [QtCore]
_ZNK5QTime7elapsedEv [QtCore]	_ZNK5QTime7isValidEv [QtCore]
ZNK5QTime7msecsToERKS [QtCore]	_ZNK5QTime8addMSecsEi [QtCore]
_ZNK5QTime8toStringEN2Qt10DateFormatE [QtCore]	_ZNK5QTime8toStringERK7QString [QtCore]
_ZNK6QTimer10metaObjectEv [QtCore]	_ZNK9QDateTime10toTimeSpecEN2Qt8TimeSpecE [QtCore]
_ZNK9QDateTime4dateEv [QtCore]	_ZNK9QDateTime4timeEv [QtCore]
ZNK9QDateTime6daysToERKS [QtCore]	_ZNK9QDateTime6isNullEv [QtCore]
ZNK9QDateTime6secsToERKS [QtCore]	_ZNK9QDateTime7addDaysEi [QtCore]

_ZNK9QDateTime7addSecsEi [QtCore]	_ZNK9QDateTime7isValidEv [QtCore]
_ZNK9QDateTime8addMSecsEx [QtCore]	_ZNK9QDateTime8addYearsEi [QtCore]
_ZNK9QDateTime8timeSpecEv [QtCore]	_ZNK9QDateTime8toStringEN2Qt10DateFormatE [QtCore]
_ZNK9QDateTime8toStringERK7QString [QtCore]	_ZNK9QDateTime8toTime_tEv [QtCore]
_ZNK9QDateTime9addMonthsEi [QtCore]	_ZNK9QDateTimeeqERKS_ [QtCore]
ZNK9QDateTimeltERKS [QtCore]	_ZNK9QTimeLine10curveShapeEv [QtXml]
_ZNK9QTimeLine10metaObjectEv [QtXml]	_ZNK9QTimeLine10startFrameEv [QtXml]
_ZNK9QTimeLine11currentTimeEv [QtXml]	_ZNK9QTimeLine12currentFrameEv [QtXml]
_ZNK9QTimeLine12currentValueEv [QtXml]	_ZNK9QTimeLine12frameForTimeEi [QtXml]
_ZNK9QTimeLine12valueForTimeEi [QtXml]	_ZNK9QTimeLine14updateIntervalEv [QtXml]
_ZNK9QTimeLine5stateEv [QtXml]	_ZNK9QTimeLine8durationEv [QtXml]
_ZNK9QTimeLine8endFrameEv [QtXml]	_ZNK9QTimeLine9directionEv [QtXml]
_ZNK9QTimeLine9loopCountEv [QtXml]	_Zls6QDebugRK5QDate [QtCore]
_Zls6QDebugRK5QTime [QtCore]	_Zls6QDebugRK9QDateTime [QtCore]
_ZlsR11QDataStreamRK5QDate [QtCore]	_ZlsR11QDataStreamRK5QTime [QtCore]
_ZlsR11QDataStreamRK9QDateTime [QtCore]	_ZrsR11QDataStreamR5QDate [QtCore]
_ZrsR11QDataStreamR5QTime [QtCore]	_ZrsR11QDataStreamR9QDateTime [QtCore]

17.2.9 Qt4 Miscellaneous

17.2.9.1 Class data for QFactoryInterface

The virtual table for the QFactoryInterface class is described by Table 17-48

Table 17-48 Primary vtable for QFactoryInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFactoryInterface
vfunc[0]:	NULL or QFactoryInterface::~QFactoryInterfa

	ce()
vfunc[1]:	NULL or QFactoryInterface::~QFactoryInterface()
vfunc[2]:	__cxa_pure_virtual

The Run Time Type Information for the QFactoryInterface class is described by Table 17-49

Table 17-49 typeinfo for QFactoryInterface

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QFactoryInterface

17.2.9.2 Interfaces for Qt4 Miscellaneous

An LSB conforming implementation shall provide the generic functions for Qt4 Miscellaneous specified in Table 17-50, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-50 libQtCore - Qt4 Miscellaneous Function Interfaces

_ZN12QLibraryInfo16licensedProductsEv [QtCore]	_ZN12QLibraryInfo8buildKeyEv [QtCore]
_ZN12QLibraryInfo8licenseeEv [QtCore]	_ZN12QLibraryInfo8locationENS_15LibraryLocationE [QtCore]
_ZN5QUuid10createUuidEv [QtCore]	_ZN5QUuidC1EPKc [QtCore]
_ZN5QUuidC1ERK7QString [QtCore]	_ZN5QUuidC2EPKc [QtCore]
_ZN5QUuidC2ERK7QString [QtCore]	_ZN7QRegExp10setMinimalEb [QtCore]
_ZN7QRegExp10setPatternERK7QString [QtCore]	_ZN7QRegExp11errorStringEv [QtCore]
_ZN7QRegExp13capturedTextsEv [QtCore]	_ZN7QRegExp16setPatternSyntaxENS_13PatternSyntaxE [QtCore]
_ZN7QRegExp18setCaseSensitivityEN2Qt15CaseSensitivityE [QtCore]	_ZN7QRegExp3capEi [QtCore]
_ZN7QRegExp3posEi [QtCore]	_ZN7QRegExp6escapeERK7QString [QtCore]
_ZN7QRegExpC1ERK7QStringN2Qt15CaseSensitivityENS_13PatternSyntaxE [QtCore]	_ZN7QRegExpC1ERKS_ [QtCore]
_ZN7QRegExpC1Ev [QtCore]	_ZN7QRegExpC2ERK7QStringN2Qt15CaseSensitivityENS_13PatternSyntaxE [QtCore]
ZN7QRegExpC2ERKS [QtCore]	_ZN7QRegExpC2Ev [QtCore]
_ZN7QRegExpD1Ev [QtCore]	_ZN7QRegExpD2Ev [QtCore]
ZN7QRegExpaSERKS [QtCore]	_ZNK5QUuid6isNullEv [QtCore]

_ZNK5QUuid7variantEv [QtCore]	_ZNK5QUuid7versionEv [QtCore]
_ZNK5QUuid8toStringEv [QtCore]	_ZNK5QUuidgtERKS_ [QtCore]
ZNK5QUuidltERKS [QtCore]	_ZNK7QRegExp10exactMatchERK7QString [QtCore]
_ZNK7QRegExp11lastIndexInERK7QStringiNS_9CaretModeE [QtCore]	_ZNK7QRegExp11numCapturesEv [QtCore]
_ZNK7QRegExp13matchedLengthEv [QtCore]	_ZNK7QRegExp13patternSyntaxEv [QtCore]
_ZNK7QRegExp15caseSensitivityEv [QtCore]	_ZNK7QRegExp7indexInERK7QStringiNS_9CaretModeE [QtCore]
_ZNK7QRegExp7isEmptyEv [QtCore]	_ZNK7QRegExp7isValidEv [QtCore]
_ZNK7QRegExp7patternEv [QtCore]	_ZNK7QRegExp9isMinimalEv [QtCore]
ZNK7QRegExpeqERKS [QtCore]	_ZlsR11QDataStreamRK5QUuid [QtCore]
_ZlsR11QDataStreamRK7QRegExp [QtCore]	_ZrsR11QDataStreamR5QUuid [QtCore]
_ZrsR11QDataStreamR7QRegExp [QtCore]	

17.2.10 Qt4 Text

17.2.10.1 Interfaces for Qt4 Text

An LSB conforming implementation shall provide the generic functions for Qt4 Text specified in Table 17-51, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-51 libQtCore - Qt4 Text Function Interfaces

_ZN14QStringMatcher10setPatternERK7QString [QtCore]	_ZN14QStringMatcher18setCaseSensitivityEN2Qt15CaseSensitivityE [QtCore]
_ZN14QStringMatcherC1ERK7QStringN2Qt15CaseSensitivityE [QtCore]	_ZN14QStringMatcherC1ERKS_ [QtCore]
_ZN14QStringMatcherC1Ev [QtCore]	_ZN14QStringMatcherC2ERK7QStringN2Qt15CaseSensitivityE [QtCore]
ZN14QStringMatcherC2ERKS [QtCore]	_ZN14QStringMatcherC2Ev [QtCore]
_ZN14QStringMatcherD1Ev [QtCore]	_ZN14QStringMatcherD2Ev [QtCore]
ZN14QStringMatcheraSERKS [QtCore]	_ZN5QChar9fromAsciiEc [QtCore]
_ZN5QCharC1Ec [QtCore]	_ZN5QCharC1Eh [QtCore]
_ZN5QCharC2Ec [QtCore]	_ZN5QCharC2Eh [QtCore]
_ZN7QString10fromLatin1EPKci [QtCore]	_ZN7QString10setUnicodeEPK5QChari [QtCore]

_ZN7QString11fromRawDataEPK5QChari [QtCore]	_ZN7QString13fromLocal8BitEPKci [QtCore]
_ZN7QString14fromWCharArrayEPKwi [QtXml]	_ZN7QString16fromAscii_helperEPKci [QtXml]
_ZN7QString17fromLatin1_helperEPKci [QtCore]	_ZN7QString4chopEi [QtCore]
_ZN7QString4fillE5QChari [QtCore]	_ZN7QString4freeEPNS_4DataE [QtCore]
_ZN7QString6appendE5QChar [QtCore]	_ZN7QString6appendERK13QLatin1String [QtCore]
ZN7QString6appendERKS [QtCore]	_ZN7QString6expandEi [QtCore]
_ZN7QString6insertEi5QChar [QtCore]	_ZN7QString6insertEiPK5QChari [QtCore]
_ZN7QString6insertEiRK13QLatin1String [QtCore]	_ZN7QString6numberEdci [QtCore]
_ZN7QString6numberEii [QtCore]	_ZN7QString6numberEji [QtCore]
_ZN7QString6numberEli [QtCore]	_ZN7QString6numberEmi [QtCore]
_ZN7QString6numberExi [QtCore]	_ZN7QString6numberEyi [QtCore]
_ZN7QString6removeE5QCharN2Qt15CaseSensitivityE [QtCore]	_ZN7QString6removeERKS_N2Qt15CaseSensitivityE [QtCore]
_ZN7QString6removeEii [QtCore]	_ZN7QString6resizeEi [QtCore]
_ZN7QString6setNumEdci [QtCore]	_ZN7QString6setNumExi [QtCore]
_ZN7QString6setNumEyi [QtCore]	_ZN7QString7reallocEi [QtCore]
_ZN7QString7reallocEv [QtCore]	_ZN7QString7replaceE5QCharRKS_N2Qt15CaseSensitivityE [QtCore]
_ZN7QString7replaceE5QCharS0_N2Qt15CaseSensitivityE [QtCore]	_ZN7QString7replaceERK7QRegExpRKS_ [QtCore]
_ZN7QString7replaceERKS_S1_N2Qt15CaseSensitivityE [QtCore]	_ZN7QString7replaceEii5QChar [QtCore]
_ZN7QString7replaceEiiPK5QChari [QtCore]	_ZN7QString7replaceEiiRKS_ [QtCore]
_ZN7QString7sprintfEPKcz [QtCore]	_ZN7QString8fromUcs4EPKji [QtXml]
_ZN7QString8fromUtf8EPKci [QtCore]	_ZN7QString8truncateEi [QtCore]
_ZN7QString9fromAsciiEPKci [QtCore]	_ZN7QString9fromUtf16EPKti [QtCore]
_ZN7QStringC1E5QChar [QtCore]	_ZN7QStringC1EPK5QChari [QtCore]
_ZN7QStringC1Ei5QChar [QtCore]	_ZN7QStringC2E5QChar [QtCore]
_ZN7QStringC2EPK5QChari [QtCore]	_ZN7QStringC2Ei5QChar [QtCore]
_ZN7QStringaSE5QChar [QtCore]	_ZN7QStringaSERKS_ [QtCore]

_ZNK14QStringMatcher7indexInERK7QStringi [QtCore]	_ZNK5QChar10digitValueEv [QtCore]
_ZNK5QChar11hasMirroredEv [QtCore]	_ZNK5QChar12mirroredCharEv [QtCore]
_ZNK5QChar13decompositionEv [QtCore]	_ZNK5QChar14combiningClassEv [QtCore]
_ZNK5QChar14unicodeVersionEv [QtCore]	_ZNK5QChar16decompositionTagEv [QtCore]
_ZNK5QChar16isLetterOrNumberEv [QtCore]	_ZNK5QChar6isMarkEv [QtCore]
_ZNK5QChar7isDigitEv [QtCore]	_ZNK5QChar7isPrintEv [QtCore]
_ZNK5QChar7isPunctEv [QtCore]	_ZNK5QChar7isSpaceEv [QtCore]
_ZNK5QChar7joiningEv [QtCore]	_ZNK5QChar7toAsciiEv [QtCore]
_ZNK5QChar7toLowerEv [QtCore]	_ZNK5QChar7toUpperEv [QtCore]
_ZNK5QChar8categoryEv [QtCore]	_ZNK5QChar8isLetterEv [QtCore]
_ZNK5QChar8isNumberEv [QtCore]	_ZNK5QChar8isSymbolEv [QtCore]
_ZNK5QChar9directionEv [QtCore]	_ZNK7QString10normalizedENS_17NormalizationFormE [QtCore]
_ZNK7QString10normalizedENS_17NormalizationFormEN5QChar14UnicodeVersionE [QtCore]	_ZNK7QString10simplifiedEv [QtCore]
_ZNK7QString10startsWithERK13QLatin1StringN2Qt15CaseSensitivityE [QtCore]	_ZNK7QString10startsWithERK5QCharN2Qt15CaseSensitivityE [QtCore]
_ZNK7QString10startsWithERKS_N2Qt15CaseSensitivityE [QtCore]	_ZNK7QString10toLongLongEPbi [QtCore]
_ZNK7QString11lastIndexOfE5QChariN2Qt15CaseSensitivityE [QtCore]	_ZNK7QString11lastIndexOfERK7QRegExpi [QtCore]
_ZNK7QString11lastIndexOfERKS_iN2Qt15CaseSensitivityE [QtCore]	_ZNK7QString11toLocal8BitEv [QtCore]
_ZNK7QString11toULongLongEPbi [QtCore]	_ZNK7QString12ascii_helperEv [QtCore]
_ZNK7QString12toWCharArrayEPw [QtXml]	_ZNK7QString13latin1_helperEv [QtCore]
_ZNK7QString13leftJustifiedEi5QCharb [QtCore]	_ZNK7QString14rightJustifiedEi5QCharb [QtCore]
ZNK7QString18localeAwareCompareERKS [QtCore]	_ZNK7QString3argE5QChariRKS0_ [QtCore]
_ZNK7QString3argERKS_iRK5QChar [QtCore]	_ZNK7QString3argEciRK5QChar [QtCore]
_ZNK7QString3argEdiciRK5QChar [QtCore]	_ZNK7QString3argExiiRK5QChar [QtCore]
_ZNK7QString3argEyiiRK5QChar [QtCore]	_ZNK7QString3midEii [QtCore]

_ZNK7QString4leftEi [QtCore]	_ZNK7QString5countE5QCharN2Qt15CaseSensitivityE [QtCore]
_ZNK7QString5countERK7QRegExp [QtCore]	_ZNK7QString5countERKS_N2Qt15CaseSensitivityE [QtCore]
_ZNK7QString5rightEi [QtCore]	_ZNK7QString5splitERK5QCharNS_13SplitBehaviorEN2Qt15CaseSensitivityE [QtCore]
_ZNK7QString5splitERK7QRegExpNS_13SplitBehaviorE [QtCore]	_ZNK7QString5splitERKS_NS_13SplitBehaviorEN2Qt15CaseSensitivityE [QtCore]
_ZNK7QString5toIntEPbi [QtCore]	_ZNK7QString5utf16Ev [QtCore]
_ZNK7QString6toLongEPbi [QtCore]	_ZNK7QString6toUIntEPbi [QtCore]
_ZNK7QString6toUcs4Ev [QtXml]	_ZNK7QString6toUtf8Ev [QtCore]
_ZNK7QString7compareERK13QLatin1StringN2Qt15CaseSensitivityE [QtXml]	_ZNK7QString7compareERKS_ [QtCore]
_ZNK7QString7compareERKS_N2Qt15CaseSensitivityE [QtXml]	_ZNK7QString7indexOfE5QChariN2Qt15CaseSensitivityE [QtCore]
_ZNK7QString7indexOfERK7QRegExpi [QtCore]	_ZNK7QString7indexOfERKS_iN2Qt15CaseSensitivityE [QtCore]
_ZNK7QString7sectionERK7QRegExpii6QFlagsINS_11SectionFlagEE [QtCore]	_ZNK7QString7sectionERKS_ii6QFlagsINS_11SectionFlagEE [QtCore]
_ZNK7QString7toAsciiEv [QtCore]	_ZNK7QString7toFloatEPb [QtCore]
_ZNK7QString7toLowerEv [QtCore]	_ZNK7QString7toShortEPbi [QtCore]
_ZNK7QString7toULongEPbi [QtCore]	_ZNK7QString7toUpperEv [QtCore]
_ZNK7QString7trimmedEv [QtCore]	_ZNK7QString8endsWithERK13QLatin1StringN2Qt15CaseSensitivityE [QtCore]
_ZNK7QString8endsWithERK5QCharN2Qt15CaseSensitivityE [QtCore]	_ZNK7QString8endsWithERKS_N2Qt15CaseSensitivityE [QtCore]
ZNK7QString8multiArgEiPPKS [QtCore]	_ZNK7QString8toDoubleEPb [QtCore]
_ZNK7QString8toLatin1Ev [QtCore]	_ZNK7QString8toUShortEPbi [QtCore]
_ZNK7QStringeqERK13QLatin1String [QtCore]	_ZNK7QStringeqERKS_ [QtCore]
_ZNK7QStringgtERK13QLatin1String [QtCore]	_ZNK7QStringltERK13QLatin1String [QtCore]
ZNK7QStringltERKS [QtCore]	_ZlsR11QDataStreamRK5QChar [QtCore]
_ZlsR11QDataStreamRK7QString [QtCore]	_ZrsR11QDataStreamR5QChar [QtCore]

_ZrsR11QDataStreamR7QString [QtCore]	

17.2.11 Qt4 Input/Output

17.2.11.1 Class data for QIODevice

The virtual table for the QIODevice class is described by Table 17-52

Table 17-52 Primary vtable for QIODevice

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIODevice
vfunc[0]:	QIODevice::metaObject() const
vfunc[1]:	QIODevice::qt_metacast(char const*)
vfunc[2]:	QIODevice::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QIODevice::~QIODevice()
vfunc[4]:	QIODevice::~QIODevice()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QIODevice::isSequential() const
vfunc[13]:	QIODevice::open(QFlags<QIODevice::OpenModeFlag>)
vfunc[14]:	QIODevice::close()
vfunc[15]:	QIODevice::pos() const
vfunc[16]:	QIODevice::size() const
vfunc[17]:	QIODevice::seek(long long)
vfunc[18]:	QIODevice::atEnd() const
vfunc[19]:	QIODevice::reset()
vfunc[20]:	QIODevice::bytesAvailable() const
vfunc[21]:	QIODevice::bytesToWrite() const
vfunc[22]:	QIODevice::canReadLine() const
vfunc[23]:	QIODevice::waitForReadyRead(int)
vfunc[24]:	QIODevice::waitForBytesWritten(int)
vfunc[25]:	__cxa_pure_virtual

vfunc[26]:	QIODevice::readLineData(char*, long long)
vfunc[27]:	__cxa_pure_virtual

The Run Time Type Information for the QIODevice class is described by Table 17-53

Table 17-53 typeinfo for QIODevice

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIODevice
basetype:	typeinfo for QObject

17.2.11.2 Class data for QDataStream

The virtual table for the QDataStream class is described by Table 17-54

Table 17-54 Primary vtable for QDataStream

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDataStream
vfunc[0]:	QDataStream::~QDataStream()
vfunc[1]:	QDataStream::~QDataStream()

The Run Time Type Information for the QDataStream class is described by Table 17-55

Table 17-55 typeinfo for QDataStream

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QDataStream

17.2.11.3 Class data for QTextStream

The virtual table for the QTextStream class is described by Table 17-56

Table 17-56 Primary vtable for QTextStream

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextStream
vfunc[0]:	QTextStream::~QTextStream()
vfunc[1]:	QTextStream::~QTextStream()

The Run Time Type Information for the QTextStream class is described by Table 17-57

Table 17-57 typeinfo for QTextStream

Base Vtable	vtable for __cxxabiv1::__class_type_info

Name	typeinfo name for QTextStream

17.2.11.4 Class data for QFile

The virtual table for the QFile class is described by Table 17-58

Table 17-58 Primary vtable for QFile

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFile
vfunc[0]:	QFile::metaObject() const
vfunc[1]:	QFile::qt_metacast(char const*)
vfunc[2]:	QFile::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QFile::~QFile()
vfunc[4]:	QFile::~QFile()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QFile::isSequential() const
vfunc[13]:	QFile::open(QFlags<QIODevice::OpenModeFlag>)
vfunc[14]:	QFile::close()
vfunc[15]:	QFile::pos() const
vfunc[16]:	QFile::size() const
vfunc[17]:	QFile::seek(long long)
vfunc[18]:	QFile::atEnd() const
vfunc[19]:	QIODevice::reset()
vfunc[20]:	QIODevice::bytesAvailable() const
vfunc[21]:	QIODevice::bytesToWrite() const
vfunc[22]:	QIODevice::canReadLine() const
vfunc[23]:	QIODevice::waitForReadyRead(int)
vfunc[24]:	QIODevice::waitForBytesWritten(int)
vfunc[25]:	QFile::readData(char*, long long)
vfunc[26]:	QFile::readLineData(char*, long long)

vfunc[27]:	QFile::writeData(char const*, long long)
vfunc[28]:	QFile::fileEngine() const

The Run Time Type Information for the QFile class is described by Table 17-59

Table 17-59 typeinfo for QFile

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFile
basetype:	typeinfo for QIODevice

17.2.11.5 Class data for QTemporaryFile

The virtual table for the QTemporaryFile class is described by Table 17-60

Table 17-60 Primary vtable for QTemporaryFile

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTemporaryFile
vfunc[0]:	QTemporaryFile::metaObject() const
vfunc[1]:	QTemporaryFile::qt_metacast(char const*)
vfunc[2]:	QTemporaryFile::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTemporaryFile::~QTemporaryFile()
vfunc[4]:	QTemporaryFile::~QTemporaryFile()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QFile::isSequential() const
vfunc[13]:	QTemporaryFile::open(QFlags<QIODevice::OpenModeFlag>)
vfunc[14]:	QFile::close()
vfunc[15]:	QFile::pos() const
vfunc[16]:	QFile::size() const
vfunc[17]:	QFile::seek(long long)

vfunc[18]:	QFile::atEnd() const
vfunc[19]:	QIODevice::reset()
vfunc[20]:	QIODevice::bytesAvailable() const
vfunc[21]:	QIODevice::bytesToWrite() const
vfunc[22]:	QIODevice::canReadLine() const
vfunc[23]:	QIODevice::waitForReadyRead(int)
vfunc[24]:	QIODevice::waitForBytesWritten(int)
vfunc[25]:	QFile::readData(char*, long long)
vfunc[26]:	QFile::readLineData(char*, long long)
vfunc[27]:	QFile::writeData(char const*, long long)
vfunc[28]:	QTemporaryFile::fileEngine() const

The Run Time Type Information for the QTemporaryFile class is described by Table 17-61

Table 17-61 typeinfo for QTemporaryFile

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTemporaryFile
basetype:	typeinfo for QFile

17.2.11.6 Class data for QAbstractFileEngine

The virtual table for the QAbstractFileEngine class is described by Table 17-62

Table 17-62 Primary vtable for QAbstractFileEngine

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractFileEngine
vfunc[0]:	QAbstractFileEngine::~QAbstractFileEngine()
vfunc[1]:	QAbstractFileEngine::~QAbstractFileEngine()
vfunc[2]:	QAbstractFileEngine::open(QFlags<QIODevice::OpenModeFlag>)
vfunc[3]:	QAbstractFileEngine::close()
vfunc[4]:	QAbstractFileEngine::flush()
vfunc[5]:	QAbstractFileEngine::size() const
vfunc[6]:	QAbstractFileEngine::pos() const
vfunc[7]:	QAbstractFileEngine::seek(long long)
vfunc[8]:	QAbstractFileEngine::isSequential() const

vfunc[9]:	QAbstractFileEngine::remove()
vfunc[10]:	QAbstractFileEngine::copy(QString const&)
vfunc[11]:	QAbstractFileEngine::rename(QString const&)
vfunc[12]:	QAbstractFileEngine::link(QString const&)
vfunc[13]:	QAbstractFileEngine::mkdir(QString const&, bool) const
vfunc[14]:	QAbstractFileEngine::rmdir(QString const&, bool) const
vfunc[15]:	QAbstractFileEngine::setSize(long long)
vfunc[16]:	QAbstractFileEngine::caseSensitive() const
vfunc[17]:	QAbstractFileEngine::isRelativePath() const
vfunc[18]:	QAbstractFileEngine::entryList(QFlags<QDir::Filter>, QStringList const&) const
vfunc[19]:	QAbstractFileEngine::fileFlags(QFlags<QAbstractFileEngine::FileFlag>) const
vfunc[20]:	QAbstractFileEngine::setPermissions(unsigned int)
vfunc[21]:	QAbstractFileEngine::fileName(QAbstractFileEngine::FileName) const
vfunc[22]:	QAbstractFileEngine::ownerId(QAbstractFileEngine::FileOwner) const
vfunc[23]:	QAbstractFileEngine::owner(QAbstractFileEngine::FileOwner) const
vfunc[24]:	QAbstractFileEngine::fileTime(QAbstractFileEngine::FileTime) const
vfunc[25]:	QAbstractFileEngine::setFileName(QString const&)
vfunc[26]:	QAbstractFileEngine::handle() const
vfunc[27]:	QAbstractFileEngine::beginEntryList(QFlags<QDir::Filter>, QStringList const&)
vfunc[28]:	QAbstractFileEngine::endEntryList()
vfunc[29]:	QAbstractFileEngine::read(char*, long long)
vfunc[30]:	QAbstractFileEngine::readLine(char*, long long)
vfunc[31]:	QAbstractFileEngine::write(char const*, long long)

© 2008 Linux Foundation

vfunc[32]:	QAbstractFileEngine::extension(QAbstractFileEngine::Extension, QAbstractFileEngine::ExtensionOption const*, QAbstractFileEngine::ExtensionReturn*)
vfunc[33]:	QAbstractFileEngine::supportsExtension(QAbstractFileEngine::Extension) const

The Run Time Type Information for the QAbstractFileEngine class is described by Table 17-63

Table 17-63 typeinfo for QAbstractFileEngine

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QAbstractFileEngine

17.2.11.7 Class data for QAbstractFileEngineHandler

The virtual table for the QAbstractFileEngineHandler class is described by Table 17-64

Table 17-64 Primary vtable for QAbstractFileEngineHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractFileEngineHandler
vfunc[0]:	QAbstractFileEngineHandler::~QAbstractFileEngineHandler()
vfunc[1]:	QAbstractFileEngineHandler::~QAbstractFileEngineHandler()
vfunc[2]:	__cxa_pure_virtual

The Run Time Type Information for the QAbstractFileEngineHandler class is described by Table 17-65

Table 17-65 typeinfo for QAbstractFileEngineHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QAbstractFileEngineHandler

17.2.11.8 Class data for QFSFileEngine

The virtual table for the QFSFileEngine class is described by Table 17-66

Table 17-66 Primary vtable for QFSFileEngine

Base Offset	0
Virtual Base Offset	0

RTTI	typeinfo for QFSFileEngine
vfunc[0]:	QFSFileEngine::~QFSFileEngine()
vfunc[1]:	QFSFileEngine::~QFSFileEngine()
vfunc[2]:	QFSFileEngine::open(QFlags<QIODevice::OpenModeFlag>)
vfunc[3]:	QFSFileEngine::close()
vfunc[4]:	QFSFileEngine::flush()
vfunc[5]:	QFSFileEngine::size() const
vfunc[6]:	QFSFileEngine::pos() const
vfunc[7]:	QFSFileEngine::seek(long long)
vfunc[8]:	QFSFileEngine::isSequential() const
vfunc[9]:	QFSFileEngine::remove()
vfunc[10]:	QFSFileEngine::copy(QString const&)
vfunc[11]:	QFSFileEngine::rename(QString const&)
vfunc[12]:	QFSFileEngine::link(QString const&)
vfunc[13]:	QFSFileEngine::mkdir(QString const&, bool) const
vfunc[14]:	QFSFileEngine::rmdir(QString const&, bool) const
vfunc[15]:	QFSFileEngine::setSize(long long)
vfunc[16]:	QFSFileEngine::caseSensitive() const
vfunc[17]:	QFSFileEngine::isRelativePath() const
vfunc[18]:	QFSFileEngine::entryList(QFlags<QDir::Filter>, QStringList const&) const
vfunc[19]:	QFSFileEngine::fileFlags(QFlags<QAbstractFileEngine::FileFlag>) const
vfunc[20]:	QFSFileEngine::setPermissions(unsigned int)
vfunc[21]:	QFSFileEngine::fileName(QAbstractFileEngine::FileName) const
vfunc[22]:	QFSFileEngine::ownerId(QAbstractFileEngine::FileOwner) const
vfunc[23]:	QFSFileEngine::owner(QAbstractFileEngine::FileOwner) const
vfunc[24]:	QFSFileEngine::fileTime(QAbstractFileEngine::FileTime) const
vfunc[25]:	QFSFileEngine::setFileName(QString const&)
vfunc[26]:	QFSFileEngine::handle() const
vfunc[27]:	QFSFileEngine::beginEntryList(QFla

	gs<QDir::Filter>, QStringList const&)
vfunc[28]:	QFSFileEngine::endEntryList()
vfunc[29]:	QFSFileEngine::read(char*, long long)
vfunc[30]:	QFSFileEngine::readLine(char*, long long)
vfunc[31]:	QFSFileEngine::write(char const*, long long)
vfunc[32]:	QFSFileEngine::extension(QAbstractFileEngine::Extension, QAbstractFileEngine::ExtensionOption const*, QAbstractFileEngine::ExtensionReturn*)
vfunc[33]:	QFSFileEngine::supportsExtension(QAbstractFileEngine::Extension) const

The Run Time Type Information for the QFSFileEngine class is described by Table 17-67

Table 17-67 typeinfo for QFSFileEngine

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFSFileEngine
basetype:	typeinfo for QAbstractFileEngine

17.2.11.9 Class data for QProcess

The virtual table for the QProcess class is described by Table 17-68

Table 17-68 Primary vtable for QProcess

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QProcess
vfunc[0]:	QProcess::metaObject() const
vfunc[1]:	QProcess::qt_metacast(char const*)
vfunc[2]:	QProcess::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QProcess::~QProcess()
vfunc[4]:	QProcess::~QProcess()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)

vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QProcess::isSequential() const
vfunc[13]:	QIODevice::open(QFlags<QIODevice::OpenModeFlag>)
vfunc[14]:	QProcess::close()
vfunc[15]:	QIODevice::pos() const
vfunc[16]:	QIODevice::size() const
vfunc[17]:	QIODevice::seek(long long)
vfunc[18]:	QProcess::atEnd() const
vfunc[19]:	QIODevice::reset()
vfunc[20]:	QProcess::bytesAvailable() const
vfunc[21]:	QProcess::bytesToWrite() const
vfunc[22]:	QProcess::canReadLine() const
vfunc[23]:	QProcess::waitForReadyRead(int)
vfunc[24]:	QProcess::waitForBytesWritten(int)
vfunc[25]:	QProcess::readData(char*, long long)
vfunc[26]:	QIODevice::readLineData(char*, long long)
vfunc[27]:	QProcess::writeData(char const*, long long)
vfunc[28]:	QProcess::setupChildProcess()

The Run Time Type Information for the QProcess class is described by Table 17-69

Table 17-69 typeinfo for QProcess

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QProcess
basetype:	typeinfo for QIODevice

17.2.11.10 Class data for QBuffer

The virtual table for the QBuffer class is described by Table 17-70

Table 17-70 Primary vtable for QBuffer

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QBuffer
vfunc[0]:	QBuffer::metaObject() const
vfunc[1]:	QBuffer::qt_metacast(char const*)
vfunc[2]:	QBuffer::qt_metacall(QMetaObject::Call, int, void**)

vfunc[3]:	QBuffer::~QBuffer()
vfunc[4]:	QBuffer::~QBuffer()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QIODevice::isSequential() const
vfunc[13]:	QBuffer::open(QFlags<QIODevice::OpenModeFlag>)
vfunc[14]:	QBuffer::close()
vfunc[15]:	QBuffer::pos() const
vfunc[16]:	QBuffer::size() const
vfunc[17]:	QBuffer::seek(long long)
vfunc[18]:	QBuffer::atEnd() const
vfunc[19]:	QIODevice::reset()
vfunc[20]:	QIODevice::bytesAvailable() const
vfunc[21]:	QIODevice::bytesToWrite() const
vfunc[22]:	QBuffer::canReadLine() const
vfunc[23]:	QIODevice::waitForReadyRead(int)
vfunc[24]:	QIODevice::waitForBytesWritten(int)
vfunc[25]:	QBuffer::readData(char*, long long)
vfunc[26]:	QIODevice::readLineData(char*, long long)
vfunc[27]:	QBuffer::writeData(char const*, long long)

The Run Time Type Information for the QBuffer class is described by Table 17-71

Table 17-71 typeinfo for QBuffer

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QBuffer
basetype:	typeinfo for QIODevice

17.2.11.11 Class data for QSettings

The virtual table for the QSettings class is described by Table 17-72

Table 17-72 Primary vtable for QSettings

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSettings
vfunc[0]:	QSettings::metaObject() const
vfunc[1]:	QSettings::qt_metacast(char const*)
vfunc[2]:	QSettings::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSettings::~QSettings()
vfunc[4]:	QSettings::~QSettings()
vfunc[5]:	QSettings::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QSettings class is described by Table 17-73

Table 17-73 typeinfo for QSettings

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSettings
basetype:	typeinfo for QObject

17.2.11.12 Class data for QSignalMapper

The virtual table for the QSignalMapper class is described by Table 17-74

Table 17-74 Primary vtable for QSignalMapper

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSignalMapper
vfunc[0]:	QSignalMapper::metaObject() const
vfunc[1]:	QSignalMapper::qt_metacast(char const*)
vfunc[2]:	QSignalMapper::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSignalMapper::~QSignalMapper()
vfunc[4]:	QSignalMapper::~QSignalMapper()
vfunc[5]:	QObject::event(QEvent*)

© 2008 Linux Foundation

vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QSignalMapper class is described by Table 17-75

Table 17-75 typeinfo for QSignalMapper

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSignalMapper
basetype:	typeinfo for QObject

17.2.11.13 Class data for QSocketNotifier

The virtual table for the QSocketNotifier class is described by Table 17-76

Table 17-76 Primary vtable for QSocketNotifier

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSocketNotifier
vfunc[0]:	QSocketNotifier::metaObject() const
vfunc[1]:	QSocketNotifier::qt_metacast(char const*)
vfunc[2]:	QSocketNotifier::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSocketNotifier::~QSocketNotifier()
vfunc[4]:	QSocketNotifier::~QSocketNotifier()
vfunc[5]:	QSocketNotifier::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QSocketNotifier class is described by Table 17-77

Table 17-77 typeinfo for QSocketNotifier

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSocketNotifier
basetype:	typeinfo for QObject

17.2.11.14 Class data for QFileSystemWatcher

The virtual table for the QFileSystemWatcher class is described by Table 17-78

Table 17-78 Primary vtable for QFileSystemWatcher

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFileSystemWatcher
vfunc[0]:	QFileSystemWatcher::metaObject() const
vfunc[1]:	QFileSystemWatcher::qt_metacast(char const*)
vfunc[2]:	QFileSystemWatcher::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QFileSystemWatcher::~QFileSystemWatcher()
vfunc[4]:	QFileSystemWatcher::~QFileSystemWatcher()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

17.2.11.15 Interfaces for Qt4 Input/Output

An LSB conforming implementation shall provide the generic functions for Qt4 Input/Output specified in Table 17-79, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-79 libQtCore - Qt4 Input/Output Function Interfaces

_Z10forcepointR11QTextStream [QtCore]	_Z10noshowbaseR11QTextStream [QtCore]
_Z10scientificR11QTextStream [QtCore]	_Z11noforcesignR11QTextStream [QtCore]
_Z12noforcepointR11QTextStream [QtCore]	_Z13lowercasebaseR11QTextStream [QtCore]

_Z13uppercasebaseR11QTextStream [QtCore]	_Z15lowercasedigitsR11QTextStream [QtCore]
_Z15uppercasedigitsR11QTextStream [QtCore]	_Z2wsR11QTextStream [QtCore]
_Z3binR11QTextStream [QtCore]	_Z3bomR11QTextStream [QtCore]
_Z3decR11QTextStream [QtCore]	_Z3hexR11QTextStream [QtCore]
_Z3octR11QTextStream [QtCore]	_Z4endlR11QTextStream [QtCore]
_Z4leftR11QTextStream [QtCore]	_Z5fixedR11QTextStream [QtCore]
_Z5flushR11QTextStream [QtCore]	_Z5resetR11QTextStream [QtCore]
_Z5rightR11QTextStream [QtCore]	_Z6centerR11QTextStream [QtCore]
_Z8showbaseR11QTextStream [QtCore]	_Z9forcesignR11QTextStream [QtCore]
_ZN11QDataStream10writeBytesEPKcj [QtCore]	_ZN11QDataStream11readRawDataEPci [QtCore]
_ZN11QDataStream11resetStatusEv [QtCore]	_ZN11QDataStream11skipRawDataEi [QtCore]
_ZN11QDataStream11unsetDeviceEv [QtCore]	_ZN11QDataStream12setByteOrderENS_9ByteOrderE [QtCore]
_ZN11QDataStream12writeRawDataEPKci [QtCore]	_ZN11QDataStream9readBytesERPcRj [QtCore]
_ZN11QDataStream9setDeviceEP9QIODevice [QtCore]	_ZN11QDataStream9setStatusENS_6StatusE [QtCore]
_ZN11QDataStreamC1EP10QByteArray6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN11QDataStreamC1EP10QByteArrayi [QtCore]
_ZN11QDataStreamC1EP9QIODevice [QtCore]	_ZN11QDataStreamC1ERK10QByteArray [QtCore]
_ZN11QDataStreamC1Ev [QtCore]	_ZN11QDataStreamC2EP10QByteArray6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]
_ZN11QDataStreamC2EP10QByteArrayi [QtCore]	_ZN11QDataStreamC2EP9QIODevice [QtCore]
_ZN11QDataStreamC2ERK10QByteArray [QtCore]	_ZN11QDataStreamC2Ev [QtCore]
_ZN11QDataStreamD0Ev [QtCore]	_ZN11QDataStreamD1Ev [QtCore]
_ZN11QDataStreamD2Ev [QtCore]	_ZN11QDataStreamlsEPKc [QtCore]
_ZN11QDataStreamlsEa [QtCore]	_ZN11QDataStreamlsEb [QtCore]
_ZN11QDataStreamlsEd [QtCore]	_ZN11QDataStreamlsEf [QtCore]
_ZN11QDataStreamlsEi [QtCore]	_ZN11QDataStreamlsEs [QtCore]
_ZN11QDataStreamlsEx [QtCore]	_ZN11QDataStreamrsERPc [QtCore]
_ZN11QDataStreamrsERa [QtCore]	_ZN11QDataStreamrsERb [QtCore]
_ZN11QDataStreamrsERd [QtCore]	_ZN11QDataStreamrsERf [QtCore]
_ZN11QDataStreamrsERi [QtCore]	_ZN11QDataStreamrsERs [QtCore]
_ZN11QDataStreamrsERx [QtCore]	_ZN11QTextStream10setPadCharE5

	QChar [QtCore]
_ZN11QTextStream11resetStatusEv [QtCore]	_ZN11QTextStream11setEncodingENS_8EncodingE [QtCore]
_ZN11QTextStream13setFieldWidthEi [QtCore]	_ZN11QTextStream14setIntegerBaseEi [QtCore]
_ZN11QTextStream14setNumberFlagsE6QFlagsINS_10NumberFlagEE [QtCore]	_ZN11QTextStream14skipWhiteSpaceEv [QtCore]
_ZN11QTextStream17setFieldAlignmentENS_14FieldAlignmentE [QtCore]	_ZN11QTextStream20setAutoDetectUnicodeEb [QtCore]
_ZN11QTextStream21setRealNumberNotationENS_18RealNumberNotationE [QtCore]	_ZN11QTextStream22setRealNumberPrecisionEi [QtCore]
_ZN11QTextStream24setGenerateByteOrderMarkEb [QtCore]	_ZN11QTextStream4readEx [QtCore]
_ZN11QTextStream4seekEx [QtCore]	_ZN11QTextStream5flushEv [QtCore]
_ZN11QTextStream5resetEv [QtCore]	_ZN11QTextStream7readAllEv [QtCore]
_ZN11QTextStream8readLineEx [QtCore]	_ZN11QTextStream8setCodecEP10QTextCodec [QtCore]
_ZN11QTextStream8setCodecEPKc [QtCore]	_ZN11QTextStream9setDeviceEP9QIODevice [QtCore]
_ZN11QTextStream9setStatusENS_6StatusE [QtCore]	_ZN11QTextStream9setStringEP7QString6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]
_ZN11QTextStreamC1EP10QByteArray6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN11QTextStreamC1EP7QString6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]
_ZN11QTextStreamC1EP8_IO_FILE6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN11QTextStreamC1EP9QIODevice [QtCore]
_ZN11QTextStreamC1ERK10QByteArray6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN11QTextStreamC1Ev [QtCore]
_ZN11QTextStreamC2EP10QByteArray6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN11QTextStreamC2EP7QString6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]
_ZN11QTextStreamC2EP8_IO_FILE6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN11QTextStreamC2EP9QIODevice [QtCore]
_ZN11QTextStreamC2ERK10QByteArray6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN11QTextStreamC2Ev [QtCore]
_ZN11QTextStreamD0Ev [QtCore]	_ZN11QTextStreamD1Ev [QtCore]

_ZN11QTextStreamD2Ev [QtCore]	_ZN11QTextStreamlsE5QBool [QtCore]
_ZN11QTextStreamlsE5QChar [QtCore]	_ZN11QTextStreamlsEPKc [QtCore]
_ZN11QTextStreamlsEPKv [QtCore]	_ZN11QTextStreamlsERK10QByteArray [QtCore]
_ZN11QTextStreamlsERK7QString [QtCore]	_ZN11QTextStreamlsEc [QtCore]
_ZN11QTextStreamlsEd [QtCore]	_ZN11QTextStreamlsEf [QtCore]
_ZN11QTextStreamlsEi [QtCore]	_ZN11QTextStreamlsEj [QtCore]
_ZN11QTextStreamlsEl [QtCore]	_ZN11QTextStreamlsEm [QtCore]
_ZN11QTextStreamlsEs [QtCore]	_ZN11QTextStreamlsEt [QtCore]
_ZN11QTextStreamlsEx [QtCore]	_ZN11QTextStreamlsEy [QtCore]
_ZN11QTextStreamrsEPc [QtCore]	_ZN11QTextStreamrsER10QByteArray [QtCore]
_ZN11QTextStreamrsER5QChar [QtCore]	_ZN11QTextStreamrsER7QString [QtCore]
_ZN11QTextStreamrsERc [QtCore]	_ZN11QTextStreamrsERd [QtCore]
_ZN11QTextStreamrsERf [QtCore]	_ZN11QTextStreamrsERi [QtCore]
_ZN11QTextStreamrsERj [QtCore]	_ZN11QTextStreamrsERl [QtCore]
_ZN11QTextStreamrsERm [QtCore]	_ZN11QTextStreamrsERs [QtCore]
_ZN11QTextStreamrsERt [QtCore]	_ZN11QTextStreamrsERx [QtCore]
_ZN11QTextStreamrsERy [QtCore]	_ZN13QFSFileEngine11currentPathERK7QString [QtCore]
_ZN13QFSFileEngine11setFileNameERK7QString [QtCore]	_ZN13QFSFileEngine12endEntryListEv [QtCore]
_ZN13QFSFileEngine14beginEntryListE6QFlagsIN4QDir6FilterEERK11QStringList [QtCore]	_ZN13QFSFileEngine14setCurrentPathERK7QString [QtCore]
_ZN13QFSFileEngine14setPermissionsEj [QtCore]	_ZN13QFSFileEngine4copyERK7QString [QtCore]
_ZN13QFSFileEngine4linkERK7QString [QtCore]	_ZN13QFSFileEngine4openE6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]
_ZN13QFSFileEngine4openE6QFlagsIN9QIODevice12OpenModeFlagEEP8_IO_FILE [QtCore]	_ZN13QFSFileEngine4openE6QFlagsIN9QIODevice12OpenModeFlagEEi [QtCore]
_ZN13QFSFileEngine4readEPcx [QtCore]	_ZN13QFSFileEngine4seekEx [QtCore]
_ZN13QFSFileEngine5closeEv [QtCore]	_ZN13QFSFileEngine5flushEv [QtCore]
_ZN13QFSFileEngine5writeEPKcx [QtCore]	_ZN13QFSFileEngine6drivesEv [QtCore]
_ZN13QFSFileEngine6removeEv [QtCore]	_ZN13QFSFileEngine6renameERK7QString [QtCore]

_ZN13QFSFileEngine7setSizeEx [QtCore]	_ZN13QFSFileEngine8homePathEv [QtCore]
_ZN13QFSFileEngine8readLineEPcx [QtCore]	_ZN13QFSFileEngine8rootPathEv [QtCore]
_ZN13QFSFileEngine8tempPathEv [QtCore]	_ZN13QFSFileEngine9extensionEN19QAbstractFileEngine9ExtensionEPKNS0_15ExtensionOptionEPNS0_15ExtensionReturnE [QtCore]
_ZN13QFSFileEngineC1ERK7QString [QtCore]	_ZN13QFSFileEngineC1Ev [QtCore]
_ZN13QFSFileEngineC2ERK7QString [QtCore]	_ZN13QFSFileEngineC2Ev [QtCore]
_ZN13QFSFileEngineD0Ev [QtCore]	_ZN13QFSFileEngineD1Ev [QtCore]
_ZN13QFSFileEngineD2Ev [QtCore]	_ZN13QSignalMapper10setMappingEP7QObjectP7QWidget [QtCore]
_ZN13QSignalMapper10setMappingEP7QObjectRK7QString [QtCore]	_ZN13QSignalMapper10setMappingEP7QObjectS1_ [QtCore]
_ZN13QSignalMapper10setMappingEP7QObjecti [QtCore]	_ZN13QSignalMapper11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]
_ZN13QSignalMapper11qt_metacastEPKc [QtCore]	_ZN13QSignalMapper14removeMappingsEP7QObject [QtCore]
_ZN13QSignalMapper3mapEP7QObject [QtCore]	_ZN13QSignalMapper3mapEv [QtCore]
_ZN13QSignalMapper6mappedEP7QObject [QtCore]	_ZN13QSignalMapper6mappedEP7QWidget [QtCore]
_ZN13QSignalMapper6mappedERK7QString [QtCore]	_ZN13QSignalMapper6mappedEi [QtCore]
_ZN13QSignalMapperC1EP7QObject [QtCore]	_ZN13QSignalMapperC1EP7QObjectPKc [QtCore]
_ZN13QSignalMapperC2EP7QObject [QtCore]	_ZN13QSignalMapperC2EP7QObjectPKc [QtCore]
_ZN13QSignalMapperD0Ev [QtCore]	_ZN13QSignalMapperD1Ev [QtCore]
_ZN13QSignalMapperD2Ev [QtCore]	_ZN14QTemporaryFile11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]
_ZN14QTemporaryFile11qt_metacastEPKc [QtCore]	_ZN14QTemporaryFile13setAutoRemoveEb [QtCore]
_ZN14QTemporaryFile15createLocalFileER5QFile [QtCore]	_ZN14QTemporaryFile15setFileTemplateERK7QString [QtCore]
_ZN14QTemporaryFile4openE6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN14QTemporaryFileC1EP7QObject [QtCore]
_ZN14QTemporaryFileC1ERK7QString [QtCore]	_ZN14QTemporaryFileC1ERK7QStringP7QObject [QtCore]

_ZN14QTemporaryFileC1Ev [QtCore]	_ZN14QTemporaryFileC2EP7QObject [QtCore]
_ZN14QTemporaryFileC2ERK7QString [QtCore]	_ZN14QTemporaryFileC2ERK7QStringP7QObject [QtCore]
_ZN14QTemporaryFileC2Ev [QtCore]	_ZN14QTemporaryFileD0Ev [QtCore]
_ZN14QTemporaryFileD1Ev [QtCore]	_ZN14QTemporaryFileD2Ev [QtCore]
_ZN15QSocketNotifier10setEnabledEb [QtCore]	_ZN15QSocketNotifier11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]
_ZN15QSocketNotifier11qt_metacastEPKc [QtCore]	_ZN15QSocketNotifier5eventEP6QEvent [QtCore]
_ZN15QSocketNotifier9activatedEi [QtCore]	_ZN15QSocketNotifierC1EiNS_4TypeEP7QObject [QtCore]
_ZN15QSocketNotifierC1EiNS_4TypeEP7QObjectPKc [QtCore]	_ZN15QSocketNotifierC2EiNS_4TypeEP7QObject [QtCore]
_ZN15QSocketNotifierC2EiNS_4TypeEP7QObjectPKc [QtCore]	_ZN15QSocketNotifierD0Ev [QtCore]
_ZN15QSocketNotifierD1Ev [QtCore]	_ZN15QSocketNotifierD2Ev [QtCore]
_ZN18QFileSystemWatcher10removePathERK7QString [QtXml]	_ZN18QFileSystemWatcher11fileChangedERK7QString [QtXml]
_ZN18QFileSystemWatcher11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]	_ZN18QFileSystemWatcher11qt_metacastEPKc [QtXml]
_ZN18QFileSystemWatcher11removePathsERK11QStringList [QtXml]	_ZN18QFileSystemWatcher16directoryChangedERK7QString [QtXml]
_ZN18QFileSystemWatcher7addPathERK7QString [QtXml]	_ZN18QFileSystemWatcher8addPathsERK11QStringList [QtXml]
_ZN18QFileSystemWatcherC1EP7QObject [QtXml]	_ZN18QFileSystemWatcherC1ERK11QStringListP7QObject [QtXml]
_ZN18QFileSystemWatcherC2EP7QObject [QtXml]	_ZN18QFileSystemWatcherC2ERK11QStringListP7QObject [QtXml]
_ZN18QFileSystemWatcherD0Ev [QtXml]	_ZN18QFileSystemWatcherD1Ev [QtXml]
_ZN18QFileSystemWatcherD2Ev [QtXml]	_ZN19QAbstractFileEngine11setFileNameERK7QString [QtCore]
_ZN19QAbstractFileEngine12endEntryListEv [QtCore]	_ZN19QAbstractFileEngine14beginEntryListE6QFlagsIN4QDir6FilterEERK11QStringList [QtCore]
_ZN19QAbstractFileEngine14setPermissionsEj [QtCore]	_ZN19QAbstractFileEngine4copyERK7QString [QtCore]
_ZN19QAbstractFileEngine4linkERK7QString [QtCore]	_ZN19QAbstractFileEngine4openE6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]

_ZN19QAbstractFileEngine4readEPcx [QtCore]	_ZN19QAbstractFileEngine4seekEx [QtCore]
_ZN19QAbstractFileEngine5closeEv [QtCore]	_ZN19QAbstractFileEngine5flushEv [QtCore]
_ZN19QAbstractFileEngine5writeEPKcx [QtCore]	_ZN19QAbstractFileEngine6createERK7QString [QtCore]
_ZN19QAbstractFileEngine6removeEv [QtCore]	_ZN19QAbstractFileEngine6renameERK7QString [QtCore]
_ZN19QAbstractFileEngine7setSizeEx [QtCore]	_ZN19QAbstractFileEngine8readLineEPcx [QtCore]
_ZN19QAbstractFileEngine8setErrorEN5QFile9FileErrorERK7QString [QtCore]	_ZN19QAbstractFileEngine9extensionENS_9ExtensionEPKNS_15ExtensionOptionEPNS_15ExtensionReturnE [QtCore]
_ZN19QAbstractFileEngineC1Ev [QtCore]	_ZN19QAbstractFileEngineC2Ev [QtCore]
_ZN19QAbstractFileEngineD0Ev [QtCore]	_ZN19QAbstractFileEngineD1Ev [QtCore]
_ZN19QAbstractFileEngineD2Ev [QtCore]	_ZN26QAbstractFileEngineHandlerC1Ev [QtCore]
_ZN26QAbstractFileEngineHandlerC2Ev [QtCore]	_ZN26QAbstractFileEngineHandlerD0Ev [QtCore]
_ZN26QAbstractFileEngineHandlerD1Ev [QtCore]	_ZN26QAbstractFileEngineHandlerD2Ev [QtCore]
_ZN4QDir10setCurrentERK7QString [QtCore]	_ZN4QDir10setSortingE6QFlagsINS_8SortFlagEE [QtCore]
_ZN4QDir11currentPathEv [QtCore]	_ZN4QDir12makeAbsoluteEv [QtCore]
_ZN4QDir13setNameFilterERK7QString [QtCore]	_ZN4QDir14isRelativePathERK7QString [QtCore]
_ZN4QDir14setNameFiltersERK11QStringList [QtCore]	_ZN4QDir15setMatchAllDirsEb [QtCore]
_ZN4QDir17convertSeparatorsERK7QString [QtCore]	_ZN4QDir18toNativeSeparatorsERK7QString [QtXml]
_ZN4QDir20fromNativeSeparatorsERK7QString [QtXml]	_ZN4QDir21addResourceSearchPathERK7QString [QtCore]
_ZN4QDir21nameFiltersFromStringERK7QString [QtCore]	_ZN4QDir2cdERK7QString [QtCore]
_ZN4QDir4cdUpEv [QtCore]	_ZN4QDir5matchERK11QStringListRK7QString [QtCore]
ZN4QDir5matchERK7QStringS2 [QtCore]	_ZN4QDir6drivesEv [QtCore]
_ZN4QDir6removeERK7QString [QtCore]	_ZN4QDir6renameERK7QStringS2_ [QtCore]
_ZN4QDir7setPathERK7QString [QtCore]	_ZN4QDir8homePathEv [QtCore]

_ZN4QDir8rootPathEv [QtCore]	_ZN4QDir8tempPathEv [QtCore]
_ZN4QDir9cleanPathERK7QString [QtCore]	_ZN4QDir9separatorEv [QtCore]
_ZN4QDir9setFilterE6QFlagsINS_6FilterEE [QtCore]	_ZN4QDirC1ERK7QString [QtCore]
_ZN4QDirC1ERK7QStringS2_6QFlagsINS_8SortFlagEES3_INS_6FilterEE [QtCore]	_ZN4QDirC1ERKS_ [QtCore]
_ZN4QDirC2ERK7QString [QtCore]	_ZN4QDirC2ERK7QStringS2_6QFlagsINS_8SortFlagEES3_INS_6FilterEE [QtCore]
ZN4QDirC2ERKS [QtCore]	_ZN4QDirD1Ev [QtCore]
_ZN4QDirD2Ev [QtCore]	_ZN4QDiraSERK7QString [QtCore]
ZN4QDiraSERKS [QtCore]	_ZN4QUrl10toPunycodeERK7QString [QtCore]
_ZN4QUrl11fromEncodedERK10QByteArray [QtCore]	_ZN4QUrl11fromEncodedERK10QByteArrayNS_11ParsingModeE [QtCore]
_ZN4QUrl11setFileNameERK7QString [QtCore]	_ZN4QUrl11setFragmentERK7QString [QtCore]
_ZN4QUrl11setPasswordERK7QString [QtCore]	_ZN4QUrl11setUserInfoERK7QString [QtCore]
_ZN4QUrl11setUserNameERK7QString [QtCore]	_ZN4QUrl12addQueryItemERK7QStringS2_ [QtCore]
_ZN4QUrl12fromPunycodeERK10QByteArray [QtCore]	_ZN4QUrl12idnWhitelistEv [QtXml]
_ZN4QUrl12setAuthorityERK7QString [QtCore]	_ZN4QUrl13fromLocalFileERK7QString [QtCore]
_ZN4QUrl13setEncodedUrlERK10QByteArray [QtCore]	_ZN4QUrl13setEncodedUrlERK10QByteArrayNS_11ParsingModeE [QtCore]
_ZN4QUrl13setQueryItemsERK5QListI5QPairI7QStringS2_EE [QtCore]	_ZN4QUrl15removeQueryItemERK7QString [QtCore]
_ZN4QUrl15setEncodedQueryERK10QByteArray [QtCore]	_ZN4QUrl15setIdnWhitelistERK11QStringList [QtXml]
ZN4QUrl17toPercentEncodingERK7QStringRK10QByteArrayS5 [QtCore]	_ZN4QUrl18setQueryDelimitersEcc [QtCore]
_ZN4QUrl19fromPercentEncodingERK10QByteArray [QtCore]	_ZN4QUrl19removeAllQueryItemsERK7QString [QtCore]
_ZN4QUrl5clearEv [QtCore]	_ZN4QUrl5toAceERK7QString [QtXml]
_ZN4QUrl6detachEv [QtCore]	_ZN4QUrl6setUrlERK7QString [QtCore]
_ZN4QUrl6setUrlERK7QStringNS_11ParsingModeE [QtCore]	_ZN4QUrl7fromAceERK10QByteArray [QtXml]

_ZN4QUrl7setHostERK7QString [QtCore]	_ZN4QUrl7setPathERK7QString [QtCore]
_ZN4QUrl7setPortEi [QtCore]	_ZN4QUrl9setSchemeERK7QString [QtCore]
_ZN4QUrlC1ERK7QString [QtCore]	_ZN4QUrlC1ERK7QStringNS_11ParsingModeE [QtCore]
ZN4QUrlC1ERKS [QtCore]	_ZN4QUrlC1Ev [QtCore]
_ZN4QUrlC2ERK7QString [QtCore]	_ZN4QUrlC2ERK7QStringNS_11ParsingModeE [QtCore]
ZN4QUrlC2ERKS [QtCore]	_ZN4QUrlC2Ev [QtCore]
_ZN4QUrlD1Ev [QtCore]	_ZN4QUrlD2Ev [QtCore]
_ZN4QUrlaSERK7QString [QtCore]	_ZN4QUrlaSERKS_ [QtCore]
_ZN5QFile10decodeNameERK10QByteArray [QtCore]	_ZN5QFile10encodeNameERK7QString [QtCore]
_ZN5QFile10unsetErrorEv [QtCore]	_ZN5QFile11permissionsERK7QString [QtCore]
_ZN5QFile11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN5QFile11qt_metacastEPKc [QtCore]
_ZN5QFile11setFileNameERK7QString [QtCore]	_ZN5QFile12readLineDataEPcx [QtCore]
_ZN5QFile14setPermissionsE6QFlagsINS_10PermissionEE [QtCore]	_ZN5QFile14setPermissionsERK7QString6QFlagsINS_10PermissionEE [QtCore]
_ZN5QFile19setDecodingFunctionEPF7QStringRK10QByteArrayE [QtCore]	_ZN5QFile19setEncodingFunctionEPF10QByteArrayRK7QStringE [QtCore]
_ZN5QFile4copyERK7QString [QtCore]	_ZN5QFile4copyERK7QStringS2_ [QtCore]
_ZN5QFile4linkERK7QString [QtCore]	_ZN5QFile4linkERK7QStringS2_ [QtCore]
_ZN5QFile4openE6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN5QFile4openEP8_IO_FILE6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]
_ZN5QFile4openEi6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN5QFile4seekEx [QtCore]
_ZN5QFile5closeEv [QtCore]	_ZN5QFile5flushEv [QtCore]
_ZN5QFile6existsERK7QString [QtCore]	_ZN5QFile6removeERK7QString [QtCore]
_ZN5QFile6removeEv [QtCore]	_ZN5QFile6renameERK7QString [QtCore]
ZN5QFile6renameERK7QStringS2 [QtCore]	_ZN5QFile6resizeERK7QStringx [QtCore]
_ZN5QFile6resizeEx [QtCore]	_ZN5QFile8readDataEPcx [QtCore]
_ZN5QFile8readLinkERK7QString [QtCore]	_ZN5QFile9writeDataEPKcx [QtCore]

_ZN5QFileC1EP7QObject [QtCore]	_ZN5QFileC1ERK7QString [QtCore]
_ZN5QFileC1ERK7QStringP7QObject [QtCore]	_ZN5QFileC1Ev [QtCore]
_ZN5QFileC2EP7QObject [QtCore]	_ZN5QFileC2ERK7QString [QtCore]
_ZN5QFileC2ERK7QStringP7QObject [QtCore]	_ZN5QFileC2Ev [QtCore]
_ZN5QFileD0Ev [QtCore]	_ZN5QFileD1Ev [QtCore]
_ZN5QFileD2Ev [QtCore]	_ZN7QBuffer11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]
_ZN7QBuffer11qt_metacastEPKc [QtCore]	_ZN7QBuffer4openE6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]
_ZN7QBuffer4seekEx [QtCore]	_ZN7QBuffer5closeEv [QtCore]
_ZN7QBuffer6bufferEv [QtCore]	_ZN7QBuffer7setDataERK10QByteArray [QtCore]
_ZN7QBuffer8readDataEPcx [QtCore]	_ZN7QBuffer9setBufferEP10QByteArray [QtCore]
_ZN7QBuffer9writeDataEPKcx [QtCore]	_ZN7QBufferC1EP10QByteArrayP7QObject [QtCore]
_ZN7QBufferC1EP7QObject [QtCore]	_ZN7QBufferC2EP10QByteArrayP7QObject [QtCore]
_ZN7QBufferC2EP7QObject [QtCore]	_ZN7QBufferD0Ev [QtCore]
_ZN7QBufferD1Ev [QtCore]	_ZN7QBufferD2Ev [QtCore]
_ZN8QProcess11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN8QProcess11qt_metacastEPKc [QtCore]
_ZN8QProcess12stateChangedENS_12ProcessStateE [QtCore]	_ZN8QProcess13startDetachedERK7QString [QtCore]
_ZN8QProcess13startDetachedERK7QStringRK11QStringList [QtCore]	_ZN8QProcess14setEnvironmentERK11QStringList [QtCore]
_ZN8QProcess14setReadChannelENS_14ProcessChannelE [QtCore]	_ZN8QProcess14waitForStartedEi [QtCore]
_ZN8QProcess15setProcessStateENS_12ProcessStateE [QtCore]	_ZN8QProcess15waitForFinishedEi [QtCore]
_ZN8QProcess16closeReadChannelENS_14ProcessChannelE [QtCore]	_ZN8QProcess16waitForReadyReadEi [QtCore]
_ZN8QProcess17closeWriteChannelEv [QtCore]	_ZN8QProcess17setupChildProcessEv [QtCore]
_ZN8QProcess17systemEnvironmentEv [QtCore]	_ZN8QProcess18setReadChannelModeENS_18ProcessChannelModeE [QtCore]
_ZN8QProcess19setWorkingDirectoryERK7QString [QtCore]	_ZN8QProcess19waitForBytesWrittenEi [QtCore]
_ZN8QProcess20readAllStandardErrorEv [QtCore]	_ZN8QProcess20setStandardErrorFileERK7QString6QFlagsIN9QIODevic

	e12OpenModeFlagEE [QtXml]
_ZN8QProcess20setStandardInputFileERK7QString [QtXml]	_ZN8QProcess21readAllStandardOutputEv [QtCore]
_ZN8QProcess21setProcessChannelModeENS_18ProcessChannelModeE [QtXml]	_ZN8QProcess21setStandardOutputFileERK7QString6QFlagsIN9QIODevice12OpenModeFlagEE [QtXml]
_ZN8QProcess22readyReadStandardErrorEv [QtCore]	_ZN8QProcess23readyReadStandardOutputEv [QtCore]
ZN8QProcess24setStandardOutputProcessEPS [QtXml]	_ZN8QProcess4killEv [QtCore]
_ZN8QProcess5closeEv [QtCore]	_ZN8QProcess5errorENS_12ProcessErrorE [QtCore]
_ZN8QProcess5startERK7QString6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]	_ZN8QProcess5startERK7QStringRK11QStringList6QFlagsIN9QIODevice12OpenModeFlagEE [QtCore]
_ZN8QProcess7executeERK7QString [QtCore]	_ZN8QProcess7executeERK7QStringRK11QStringList [QtCore]
_ZN8QProcess7startedEv [QtCore]	_ZN8QProcess8finishedEi [QtCore]
_ZN8QProcess8finishedEiNS_10ExitStatusE [QtCore]	_ZN8QProcess8readDataEPcx [QtCore]
_ZN8QProcess9terminateEv [QtCore]	_ZN8QProcess9writeDataEPKcx [QtCore]
_ZN8QProcessC1EP7QObject [QtCore]	_ZN8QProcessC2EP7QObject [QtCore]
_ZN8QProcessD0Ev [QtCore]	_ZN8QProcessD1Ev [QtCore]
_ZN8QProcessD2Ev [QtCore]	_ZN9QFileInfo10setCachingEb [QtCore]
_ZN9QFileInfo12makeAbsoluteEv [QtCore]	_ZN9QFileInfo6detachEv [QtCore]
_ZN9QFileInfo7refreshEv [QtCore]	_ZN9QFileInfo7setFileERK4QDirRK7QString [QtCore]
_ZN9QFileInfo7setFileERK5QFile [QtCore]	_ZN9QFileInfo7setFileERK7QString [QtCore]
_ZN9QFileInfoC1ERK4QDirRK7QString [QtCore]	_ZN9QFileInfoC1ERK5QFile [QtCore]
_ZN9QFileInfoC1ERK7QString [QtCore]	_ZN9QFileInfoC1ERKS_ [QtCore]
_ZN9QFileInfoC1Ev [QtCore]	_ZN9QFileInfoC2ERK4QDirRK7QString [QtCore]
_ZN9QFileInfoC2ERK5QFile [QtCore]	_ZN9QFileInfoC2ERK7QString [QtCore]
ZN9QFileInfoC2ERKS [QtCore]	_ZN9QFileInfoC2Ev [QtCore]
_ZN9QFileInfoD1Ev [QtCore]	_ZN9QFileInfoD2Ev [QtCore]
ZN9QFileInfoaSERKS [QtCore]	_ZN9QFileInfoeqERKS_ [QtCore]
_ZN9QIODevice11qt_metacallEN11	_ZN9QIODevice11qt_metacastEPKc

QMetaObject4CallEiPPv [QtCore]	[QtCore]
_ZN9QIODevice11resetStatusEv [QtCore]	_ZN9QIODevice11setOpenModeE6QFlagsINS_12OpenModeFlagEE [QtCore]
_ZN9QIODevice12aboutToCloseEv [QtCore]	_ZN9QIODevice12bytesWrittenEx [QtCore]
_ZN9QIODevice12readLineDataEPcx [QtCore]	_ZN9QIODevice14setErrorStringERK7QString [QtCore]
_ZN9QIODevice16waitForReadyReadEi [QtCore]	_ZN9QIODevice18setTextModeEnabledEb [QtCore]
_ZN9QIODevice19waitForBytesWrittenEi [QtCore]	_ZN9QIODevice4openE6QFlagsINS_12OpenModeFlagEE [QtCore]
_ZN9QIODevice4peekEPcx [QtCore]	_ZN9QIODevice4peekEx [QtCore]
_ZN9QIODevice4readEPcx [QtCore]	_ZN9QIODevice4readEx [QtCore]
_ZN9QIODevice4seekEx [QtCore]	_ZN9QIODevice5closeEv [QtCore]
_ZN9QIODevice5resetEv [QtCore]	_ZN9QIODevice5writeEPKcx [QtCore]
_ZN9QIODevice7readAllEv [QtCore]	_ZN9QIODevice8readLineEPcx [QtCore]
_ZN9QIODevice8readLineEx [QtCore]	_ZN9QIODevice9readyReadEv [QtCore]
_ZN9QIODevice9ungetCharEc [QtCore]	_ZN9QIODeviceC1EP7QObject [QtCore]
_ZN9QIODeviceC1Ev [QtCore]	_ZN9QIODeviceC2EP7QObject [QtCore]
_ZN9QIODeviceC2Ev [QtCore]	_ZN9QIODeviceD0Ev [QtCore]
_ZN9QIODeviceD1Ev [QtCore]	_ZN9QIODeviceD2Ev [QtCore]
_ZN9QResource11searchPathsEv [QtXml]	_ZN9QResource11setFileNameERK7QString [QtXml]
_ZN9QResource13addSearchPathERK7QString [QtXml]	_ZN9QResource16registerResourceERK7QStringS2_ [QtXml]
ZN9QResource18unregisterResourceERK7QStringS2 [QtXml]	_ZN9QResource9setLocaleERK7QLocale [QtXml]
_ZN9QResourceC1ERK7QStringRK7QLocale [QtXml]	_ZN9QResourceC2ERK7QStringRK7QLocale [QtXml]
_ZN9QResourceD1Ev [QtXml]	_ZN9QResourceD2Ev [QtXml]
_ZN9QSettings10beginGroupERK7QString [QtCore]	_ZN9QSettings11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]
_ZN9QSettings11qt_metacastEPKc [QtCore]	_ZN9QSettings13setArrayIndexEi [QtCore]
_ZN9QSettings14beginReadArrayERK7QString [QtCore]	_ZN9QSettings14registerFormatERK7QStringPFbR9QIODeviceR4QMapIS0_8QVariantEEPFbS4_RKS7_EN2Qt15CaseSensitivityE [QtCore]
_ZN9QSettings14setUserIniPathERK	_ZN9QSettings15beginWriteArrayE

7QString [QtCore]	RK7QStringi [QtCore]
_ZN9QSettings16setSystemIniPathERK7QString [QtCore]	_ZN9QSettings19setFallbacksEnabledEb [QtCore]
_ZN9QSettings4syncEv [QtCore]	_ZN9QSettings5clearEv [QtCore]
_ZN9QSettings5eventEP6QEvent [QtCore]	_ZN9QSettings6removeERK7QString [QtCore]
_ZN9QSettings7setPathENS_6FormatENS_5ScopeERK7QString [QtCore]	_ZN9QSettings8endArrayEv [QtCore]
_ZN9QSettings8endGroupEv [QtCore]	_ZN9QSettings8setValueERK7QStringRK8QVariant [QtCore]
_ZN9QSettingsC1ENS_5ScopeERK7QStringS3_P7QObject [QtCore]	_ZN9QSettingsC1ENS_6FormatENS_5ScopeERK7QStringS4_P7QObject [QtCore]
_ZN9QSettingsC1EP7QObject [QtCore]	_ZN9QSettingsC1ERK7QStringNS_6FormatEP7QObject [QtCore]
_ZN9QSettingsC1ERK7QStringS2_P7QObject [QtCore]	_ZN9QSettingsC2ENS_5ScopeERK7QStringS3_P7QObject [QtCore]
_ZN9QSettingsC2ENS_6FormatENS_5ScopeERK7QStringS4_P7QObject [QtCore]	_ZN9QSettingsC2EP7QObject [QtCore]
_ZN9QSettingsC2ERK7QStringNS_6FormatEP7QObject [QtCore]	_ZN9QSettingsC2ERK7QStringS2_P7QObject [QtCore]
_ZN9QSettingsD0Ev [QtCore]	_ZN9QSettingsD1Ev [QtCore]
_ZN9QSettingsD2Ev [QtCore]	_ZNK11QDataStream5atEndEv [QtCore]
_ZNK11QDataStream6statusEv [QtCore]	_ZNK11QTextStream10fieldWidthEv [QtCore]
_ZNK11QTextStream11integerBaseEv [QtCore]	_ZNK11QTextStream11numberFlagsEv [QtCore]
_ZNK11QTextStream14fieldAlignmentEv [QtCore]	_ZNK11QTextStream17autoDetectUnicodeEv [QtCore]
_ZNK11QTextStream18realNumberNotationEv [QtCore]	_ZNK11QTextStream19realNumberPrecisionEv [QtCore]
_ZNK11QTextStream21generateByteOrderMarkEv [QtCore]	_ZNK11QTextStream3posEv [QtXml]
_ZNK11QTextStream5atEndEv [QtCore]	_ZNK11QTextStream5codecEv [QtCore]
_ZNK11QTextStream6deviceEv [QtCore]	_ZNK11QTextStream6statusEv [QtCore]
_ZNK11QTextStream6stringEv [QtCore]	_ZNK11QTextStream7padCharEv [QtCore]
_ZNK13QFSFileEngine12isSequentialEv [QtCore]	_ZNK13QFSFileEngine13caseSensitiveEv [QtCore]
_ZNK13QFSFileEngine14isRelativePathEv [QtCore]	_ZNK13QFSFileEngine17supportsExtensionEN19QAbstractFileEngine9ExtensionE [QtCore]

_ZNK13QFSFileEngine3posEv [QtCore]	_ZNK13QFSFileEngine4sizeEv [QtCore]
_ZNK13QFSFileEngine5mkdirERK7QStringb [QtCore]	_ZNK13QFSFileEngine5ownerEN19QAbstractFileEngine9FileOwnerE [QtCore]
_ZNK13QFSFileEngine5rmdirERK7QStringb [QtCore]	_ZNK13QFSFileEngine6handleEv [QtCore]
_ZNK13QFSFileEngine7ownerIdEN19QAbstractFileEngine9FileOwnerE [QtCore]	_ZNK13QFSFileEngine8fileNameEN19QAbstractFileEngine8FileNameE [QtCore]
_ZNK13QFSFileEngine8fileTimeEN19QAbstractFileEngine8FileTimeE [QtCore]	_ZNK13QFSFileEngine9entryListE6QFlagsIN4QDir6FilterEERK11QStringList [QtCore]
_ZNK13QFSFileEngine9fileFlagsE6QFlagsIN19QAbstractFileEngine8FileFlagEE [QtCore]	_ZNK13QSignalMapper10metaObjectEv [QtCore]
_ZNK13QSignalMapper7mappingEP7QObject [QtCore]	_ZNK13QSignalMapper7mappingEP7QWidget [QtCore]
_ZNK13QSignalMapper7mappingERK7QString [QtCore]	_ZNK13QSignalMapper7mappingEi [QtCore]
_ZNK14QTemporaryFile10autoRemoveEv [QtCore]	_ZNK14QTemporaryFile10fileEngineEv [QtCore]
_ZNK14QTemporaryFile10metaObjectEv [QtCore]	_ZNK14QTemporaryFile12fileTemplateEv [QtCore]
_ZNK14QTemporaryFile8fileNameEv [QtCore]	_ZNK15QSocketNotifier10metaObjectEv [QtCore]
_ZNK18QFileSystemWatcher10metaObjectEv [QtXml]	_ZNK18QFileSystemWatcher11directoriesEv [QtXml]
_ZNK18QFileSystemWatcher5filesEv [QtXml]	_ZNK19QAbstractFileEngine11errorStringEv [QtCore]
_ZNK19QAbstractFileEngine12isSequentialEv [QtCore]	_ZNK19QAbstractFileEngine13caseSensitiveEv [QtCore]
_ZNK19QAbstractFileEngine14isRelativePathEv [QtCore]	_ZNK19QAbstractFileEngine17supportsExtensionENS_9ExtensionE [QtCore]
_ZNK19QAbstractFileEngine3posEv [QtCore]	_ZNK19QAbstractFileEngine4sizeEv [QtCore]
_ZNK19QAbstractFileEngine5errorEv [QtCore]	_ZNK19QAbstractFileEngine5mkdirERK7QStringb [QtCore]
_ZNK19QAbstractFileEngine5ownerENS_9FileOwnerE [QtCore]	_ZNK19QAbstractFileEngine5rmdirERK7QStringb [QtCore]
_ZNK19QAbstractFileEngine6handleEv [QtCore]	_ZNK19QAbstractFileEngine7ownerIdENS_9FileOwnerE [QtCore]
_ZNK19QAbstractFileEngine8fileNameENS_8FileNameE [QtCore]	_ZNK19QAbstractFileEngine8fileTimeENS_8FileTimeE [QtCore]
_ZNK19QAbstractFileEngine9entryL	_ZNK19QAbstractFileEngine9fileFla

istE6QFlagsIN4QDir6FilterEERK11QStringList [QtCore]	gsE6QFlagsINS_8FileFlagEE [QtCore]
_ZNK4QDir10isReadableEv [QtCore]	_ZNK4QDir10isRelativeEv [QtCore]
_ZNK4QDir10nameFilterEv [QtCore]	_ZNK4QDir11nameFiltersEv [QtCore]
_ZNK4QDir12absolutePathEv [QtCore]	_ZNK4QDir12matchAllDirsEv [QtCore]
_ZNK4QDir13canonicalPathEv [QtCore]	_ZNK4QDir13entryInfoListE6QFlagsINS_6FilterEES0_INS_8SortFlagEE [QtCore]
_ZNK4QDir13entryInfoListERK11QStringList6QFlagsINS_6FilterEES3_INS_8SortFlagEE [QtCore]	_ZNK4QDir16absoluteFilePathERK7QString [QtCore]
_ZNK4QDir16relativeFilePathERK7QString [QtCore]	_ZNK4QDir4pathEv [QtCore]
_ZNK4QDir5countEv [QtCore]	_ZNK4QDir5mkdirERK7QString [QtCore]
_ZNK4QDir5rmdirERK7QString [QtCore]	_ZNK4QDir6existsERK7QString [QtCore]
_ZNK4QDir6existsEv [QtCore]	_ZNK4QDir6filterEv [QtCore]
_ZNK4QDir6isRootEv [QtCore]	_ZNK4QDir6mkpathERK7QString [QtCore]
_ZNK4QDir6rmpathERK7QString [QtCore]	_ZNK4QDir7dirNameEv [QtCore]
_ZNK4QDir7refreshEv [QtCore]	_ZNK4QDir7sortingEv [QtCore]
_ZNK4QDir8filePathERK7QString [QtCore]	_ZNK4QDir9entryListE6QFlagsINS_6FilterEES0_INS_8SortFlagEE [QtCore]
_ZNK4QDir9entryListERK11QStringList6QFlagsINS_6FilterEES3_INS_8SortFlagEE [QtCore]	_ZNK4QDireqERKS_ [QtCore]
_ZNK4QDirixEi [QtCore]	_ZNK4QUrl10isDetachedEv [QtCore]
ZNK4QUrl10isParentOfERKS [QtCore]	_ZNK4QUrl10isRelativeEv [QtCore]
_ZNK4QUrl10queryItemsEv [QtCore]	_ZNK4QUrl11errorStringEv [QtXml]
_ZNK4QUrl11hasFragmentEv [QtXml]	_ZNK4QUrl11toLocalFileEv [QtCore]
_ZNK4QUrl12encodedQueryEv [QtCore]	_ZNK4QUrl12hasQueryItemERK7QString [QtCore]
_ZNK4QUrl14queryItemValueERK7QString [QtCore]	_ZNK4QUrl18allQueryItemValuesERK7QString [QtCore]
_ZNK4QUrl18queryPairDelimiterEv [QtCore]	_ZNK4QUrl19queryValueDelimiterEv [QtCore]

_ZNK4QUrl4hostEv [QtCore]	_ZNK4QUrl4pathEv [QtCore]
_ZNK4QUrl4portEi [QtCore]	_ZNK4QUrl4portEv [QtCore]
_ZNK4QUrl6schemeEv [QtCore]	_ZNK4QUrl7dirPathEv [QtCore]
_ZNK4QUrl7isEmptyEv [QtCore]	_ZNK4QUrl7isValidEv [QtCore]
_ZNK4QUrl8fileNameEv [QtCore]	_ZNK4QUrl8fragmentEv [QtCore]
_ZNK4QUrl8hasQueryEv [QtXml]	_ZNK4QUrl8passwordEv [QtCore]
ZNK4QUrl8resolvedERKS [QtCore]	_ZNK4QUrl8toStringE6QFlagsINS_16FormattingOptionEE [QtCore]
_ZNK4QUrl8userInfoEv [QtCore]	_ZNK4QUrl8userNameEv [QtCore]
_ZNK4QUrl9authorityEv [QtCore]	_ZNK4QUrl9toEncodedE6QFlagsINS_16FormattingOptionEE [QtCore]
ZNK4QUrleqERKS [QtCore]	_ZNK4QUrlltERKS_ [QtCore]
ZNK4QUrlneERKS [QtCore]	_ZNK5QFile10fileEngineEv [QtCore]
_ZNK5QFile10metaObjectEv [QtCore]	_ZNK5QFile11permissionsEv [QtCore]
_ZNK5QFile12isSequentialEv [QtCore]	_ZNK5QFile3posEv [QtCore]
_ZNK5QFile4sizeEv [QtCore]	_ZNK5QFile5atEndEv [QtCore]
_ZNK5QFile5errorEv [QtCore]	_ZNK5QFile6existsEv [QtCore]
_ZNK5QFile6handleEv [QtCore]	_ZNK5QFile8fileNameEv [QtCore]
_ZNK5QFile8readLinkEv [QtCore]	_ZNK7QBuffer10metaObjectEv [QtCore]
_ZNK7QBuffer11canReadLineEv [QtCore]	_ZNK7QBuffer3posEv [QtCore]
_ZNK7QBuffer4dataEv [QtCore]	_ZNK7QBuffer4sizeEv [QtCore]
_ZNK7QBuffer5atEndEv [QtCore]	_ZNK7QBuffer6bufferEv [QtCore]
_ZNK8QProcess10exitStatusEv [QtCore]	_ZNK8QProcess10metaObjectEv [QtCore]
_ZNK8QProcess11canReadLineEv [QtCore]	_ZNK8QProcess11environmentEv [QtCore]
_ZNK8QProcess11readChannelEv [QtCore]	_ZNK8QProcess12bytesToWriteEv [QtCore]
_ZNK8QProcess12isSequentialEv [QtCore]	_ZNK8QProcess14bytesAvailableEv [QtCore]
_ZNK8QProcess15readChannelModeEv [QtCore]	_ZNK8QProcess16workingDirectoryEv [QtCore]
_ZNK8QProcess18processChannelModeEv [QtXml]	_ZNK8QProcess3pidEv [QtCore]
_ZNK8QProcess5atEndEv [QtCore]	_ZNK8QProcess5errorEv [QtCore]
_ZNK8QProcess5stateEv [QtCore]	_ZNK8QProcess8exitCodeEv [QtCore]
_ZNK9QFileInfo10isReadableEv [QtCore]	_ZNK9QFileInfo10isRelativeEv [QtCore]

_ZNK9QFileInfo10isWritableEv [QtCore]	_ZNK9QFileInfo10permissionE6QFlagsIN5QFile10PermissionEE [QtCore]
_ZNK9QFileInfo11absoluteDirEv [QtCore]	_ZNK9QFileInfo11permissionsEv [QtCore]
_ZNK9QFileInfo12absolutePathEv [QtCore]	_ZNK9QFileInfo12isExecutableEv [QtCore]
_ZNK9QFileInfo12lastModifiedEv [QtCore]	_ZNK9QFileInfo13canonicalPathEv [QtCore]
_ZNK9QFileInfo14completeSuffixEv [QtCore]	_ZNK9QFileInfo16absoluteFilePathEv [QtCore]
_ZNK9QFileInfo16completeBaseNameEv [QtCore]	_ZNK9QFileInfo17canonicalFilePathEv [QtCore]
_ZNK9QFileInfo3dirEb [QtCore]	_ZNK9QFileInfo3dirEv [QtCore]
_ZNK9QFileInfo4pathEv [QtCore]	_ZNK9QFileInfo4sizeEv [QtCore]
_ZNK9QFileInfo5groupEv [QtCore]	_ZNK9QFileInfo5isDirEv [QtCore]
_ZNK9QFileInfo5ownerEv [QtCore]	_ZNK9QFileInfo6existsEv [QtCore]
_ZNK9QFileInfo6isFileEv [QtCore]	_ZNK9QFileInfo6isRootEv [QtCore]
_ZNK9QFileInfo6suffixEv [QtCore]	_ZNK9QFileInfo7cachingEv [QtCore]
_ZNK9QFileInfo7createdEv [QtCore]	_ZNK9QFileInfo7groupIdEv [QtCore]
_ZNK9QFileInfo7ownerIdEv [QtCore]	_ZNK9QFileInfo8baseNameEv [QtCore]
_ZNK9QFileInfo8fileNameEv [QtCore]	_ZNK9QFileInfo8filePathEv [QtCore]
_ZNK9QFileInfo8isHiddenEv [QtCore]	_ZNK9QFileInfo8lastReadEv [QtCore]
_ZNK9QFileInfo8readLinkEv [QtCore]	_ZNK9QFileInfo9isSymLinkEv [QtCore]
ZNK9QFileInfoeqERKS [QtCore]	_ZNK9QIODevice10isReadableEv [QtCore]
_ZNK9QIODevice10isWritableEv [QtCore]	_ZNK9QIODevice10metaObjectEv [QtCore]
_ZNK9QIODevice11canReadLineEv [QtCore]	_ZNK9QIODevice11errorStringEv [QtCore]
_ZNK9QIODevice12bytesToWriteEv [QtCore]	_ZNK9QIODevice12isSequentialEv [QtCore]
_ZNK9QIODevice14bytesAvailableEv [QtCore]	_ZNK9QIODevice17isTextModeEnabledEv [QtCore]
_ZNK9QIODevice3posEv [QtCore]	_ZNK9QIODevice4sizeEv [QtCore]
_ZNK9QIODevice5atEndEv [QtCore]	_ZNK9QIODevice6isOpenEv [QtCore]
_ZNK9QIODevice6statusEv [QtCore]	_ZNK9QIODevice8openModeEv [QtCore]

© 2008 Linux Foundation

_ZNK9QResource12isCompressedEv [QtXml]	_ZNK9QResource16absoluteFilePathEv [QtXml]
_ZNK9QResource4dataEv [QtXml]	_ZNK9QResource4sizeEv [QtXml]
_ZNK9QResource5isDirEv [QtXml]	_ZNK9QResource6localeEv [QtXml]
_ZNK9QResource7isValidEv [QtXml]	_ZNK9QResource8childrenEv [QtXml]
_ZNK9QResource8fileNameEv [QtXml]	_ZNK9QSettings10isWritableEv [QtCore]
_ZNK9QSettings10metaObjectEv [QtCore]	_ZNK9QSettings11childGroupsEv [QtCore]
_ZNK9QSettings16fallbacksEnabledEv [QtCore]	_ZNK9QSettings5groupEv [QtCore]
_ZNK9QSettings5valueERK7QStringRK8QVariant [QtCore]	_ZNK9QSettings6statusEv [QtCore]
_ZNK9QSettings7allKeysEv [QtCore]	_ZNK9QSettings8containsERK7QString [QtCore]
_ZNK9QSettings8fileNameEv [QtCore]	_ZNK9QSettings9childKeysEv [QtCore]
_Zls6QDebugRK4QUrl [QtCore]	_ZlsR11QDataStreamRK4QUrl [QtCore]
_ZrsR11QDataStreamR4QUrl [QtCore]	

17.2.12 Qt4 Core Application

17.2.12.1 Class data for QCoreApplication

The virtual table for the QCoreApplication class is described by Table 17-80

Table 17-80 Primary vtable for QCoreApplication

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCoreApplication
vfunc[0]:	QCoreApplication::metaObject() const
vfunc[1]:	QCoreApplication::qt_metacast(char const*)
vfunc[2]:	QCoreApplication::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QCoreApplication::~QCoreApplication()
vfunc[4]:	QCoreApplication::~QCoreApplication()
vfunc[5]:	QCoreApplication::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)

vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QCoreApplication::notify(QObject*, QEvent*)
vfunc[13]:	QCoreApplication::compressEvent(QEvent*, QObject*, QPostEventList*)

The Run Time Type Information for the QCoreApplication class is described by Table 17-81

Table 17-81 typeinfo for QCoreApplication

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCoreApplication
basetype:	typeinfo for QObject

17.2.12.2 Interfaces for Qt4 Core Application

An LSB conforming implementation shall provide the generic functions for Qt4 Core Application specified in Table 17-82, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-82 libQtCore - Qt4 Core Application Function Interfaces

_ZN16QCoreApplication10enter_loopEv [QtCore]	_ZN16QCoreApplication10startingUpEv [QtCore]
_ZN16QCoreApplication10unixSignalEi [QtCore]	_ZN16QCoreApplication11aboutToQuitEv [QtCore]
_ZN16QCoreApplication11closingDownEv [QtCore]	_ZN16QCoreApplication11filterEventEPvPl [QtCore]
_ZN16QCoreApplication11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]	_ZN16QCoreApplication11qt_metacastEPKc [QtCore]
_ZN16QCoreApplication12libraryPathsEv [QtCore]	_ZN16QCoreApplication12setAttributeEN2Qt20ApplicationAttributeEb [QtXml]
_ZN16QCoreApplication13compressEventEP6QEventP7QObjectP14QPostEventList [QtCore]	_ZN16QCoreApplication13processEventsE6QFlagsIN10QEventLoop17ProcessEventsFlagEE [QtCore]
_ZN16QCoreApplication13processEventsE6QFlagsIN10QEventLoop17ProcessEventsFlagEEi [QtCore]	_ZN16QCoreApplication13testAttributeEN2Qt20ApplicationAttributeE [QtXml]
_ZN16QCoreApplication14addLibraryPathERK7QString [QtCore]	_ZN16QCoreApplication14setEventFilterEPFbPvPlE [QtCore]
_ZN16QCoreApplication15applicati	_ZN16QCoreApplication15setLibrar

onNameEv [QtCore]	yPathsERK11QStringList [QtCore]
_ZN16QCoreApplication15watchUnixSignalEib [QtCore]	_ZN16QCoreApplication16hasPendingEventsEv [QtCore]
_ZN16QCoreApplication16organizationNameEv [QtCore]	_ZN16QCoreApplication16removeTranslatorEP11QTranslator [QtCore]
_ZN16QCoreApplication16sendPostedEventsEP7QObjecti [QtCore]	_ZN16QCoreApplication17installTranslatorEP11QTranslator [QtCore]
_ZN16QCoreApplication17removeLibraryPathERK7QString [QtCore]	_ZN16QCoreApplication18applicationDirPathEv [QtCore]
_ZN16QCoreApplication18organizationDomainEv [QtCore]	_ZN16QCoreApplication18removePostedEventsEP7QObject [QtCore]
_ZN16QCoreApplication18setApplicationNameERK7QString [QtCore]	_ZN16QCoreApplication19applicationFilePathEv [QtCore]
_ZN16QCoreApplication19setOrganizationNameERK7QString [QtCore]	_ZN16QCoreApplication21setOrganizationDomainERK7QString [QtCore]
_ZN16QCoreApplication4argcEv [QtCore]	_ZN16QCoreApplication4argvEv [QtCore]
_ZN16QCoreApplication4execEv [QtCore]	_ZN16QCoreApplication4exitEi [QtCore]
_ZN16QCoreApplication4quitEv [QtCore]	_ZN16QCoreApplication5eventEP6QEvent [QtCore]
_ZN16QCoreApplication5flushEv [QtCore]	_ZN16QCoreApplication6notifyEP7QObjectP6QEvent [QtCore]
_ZN16QCoreApplication9argumentsEv [QtCore]	_ZN16QCoreApplication9exit_loopEv [QtCore]
_ZN16QCoreApplication9loopLevelEv [QtCore]	_ZN16QCoreApplication9postEventEP7QObjectP6QEvent [QtCore]
_ZN16QCoreApplication9translateEPKcS1_S1_NS_8EncodingE [QtCore]	_ZN16QCoreApplication9translateEPKcS1_S1_NS_8EncodingEi [QtXml]
_ZN16QCoreApplicationC1ERiPPc [QtCore]	_ZN16QCoreApplicationC2ERiPPc [QtCore]
_ZN16QCoreApplicationD0Ev [QtCore]	_ZN16QCoreApplicationD1Ev [QtCore]
_ZN16QCoreApplicationD2Ev [QtCore]	_ZNK16QCoreApplication10metaObjectEv [QtCore]

An LSB conforming implementation shall provide the generic deprecated functions for Qt4 Core Application specified in Table 17-83, with the full mandatory functionality as described in the referenced underlying specification.

Note: These interfaces are deprecated, and applications should avoid using them. These interfaces may be withdrawn in future releases of this specification.

Table 17-83 libQtCore - Qt4 Core Application Deprecated Function Interfaces

_ZN16QCoreApplication4argcEv [QtCore]	_ZN16QCoreApplication4argvEv [QtCore]

17.2.13 Qt4 Object Model

17.2.13.1 Class data for QObject

The virtual table for the QObject class is described by Table 17-84

Table 17-84 Primary vtable for QObject

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QObject
vfunc[0]:	QObject::metaObject() const
vfunc[1]:	QObject::qt_metacast(char const*)
vfunc[2]:	QObject::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QObject::~QObject()
vfunc[4]:	QObject::~QObject()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QObject class is described by Table 17-85

Table 17-85 typeinfo for QObject

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QObject

17.2.13.2 Class data for QObjectUserData

The virtual table for the QObjectUserData class is described by Table 17-86

Table 17-86 Primary vtable for QObjectUserData

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QObjectUserData
vfunc[0]:	QObjectUserData::~QObjectUserData()
vfunc[1]:	QObjectUserData::~QObjectUserData()

The Run Time Type Information for the QObjectUserData class is described by

Table 17-87

Table 17-87 typeinfo for QObjectUserData

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QObjectUserData

17.2.13.3 Class data for QObjectCleanupHandler

The virtual table for the QObjectCleanupHandler class is described by Table 17-88

Table 17-88 Primary vtable for QObjectCleanupHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QObjectCleanupHandler
vfunc[0]:	QObjectCleanupHandler::metaObject() const
vfunc[1]:	QObjectCleanupHandler::qt_metacast(char const*)
vfunc[2]:	QObjectCleanupHandler::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QObjectCleanupHandler::~QObjectCleanupHandler()
vfunc[4]:	QObjectCleanupHandler::~QObjectCleanupHandler()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QObjectCleanupHandler class is described by Table 17-89

Table 17-89 typeinfo for QObjectCleanupHandler

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QObjectCleanupHandler
basetype:	typeinfo for QObject

17.2.13.4 Interfaces for Qt4 Object Model

An LSB conforming implementation shall provide the generic functions for Qt4 Object Model specified in Table 17-90, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-90 libQtCore - Qt4 Object Model Function Interfaces

_ZN11QMetaObject10disconnectEPK7QObjectiS2_i [QtCore]	_ZN11QMetaObject11changeGuardEPP7QObjectS1_ [QtCore]
_ZN11QMetaObject11removeGuardEPP7QObject [QtCore]	_ZN11QMetaObject12invokeMethodEP7QObjectPKcN2Qt14ConnectionTypeE22QGenericReturnArgument16QGenericArgumentS7_S7_S7_S7_S7_S7_S7_S7_S7_ [QtCore]
_ZN11QMetaObject14normalizedTypeEPKc [QtXml]	_ZN11QMetaObject16checkConnectArgsEPKcS1_ [QtCore]
_ZN11QMetaObject18connectSlotsByNameEP7QObject [QtCore]	_ZN11QMetaObject19normalizedSignatureEPKc [QtCore]
_ZN11QMetaObject7connectEPK7QObjectiS2_iiPi [QtCore]	_ZN11QMetaObject8activateEP7QObjectPKS_iPPv [QtCore]
_ZN11QMetaObject8activateEP7QObjectPKS_iiPPv [QtCore]	_ZN11QMetaObject8activateEP7QObjectiPPv [QtCore]
_ZN11QMetaObject8activateEP7QObjectiiPPv [QtCore]	_ZN11QMetaObject8addGuardEPP7QObject [QtCore]
_ZN13QMetaPropertyC1Ev [QtCore]	_ZN13QMetaPropertyC2Ev [QtCore]
_ZN15QObjectUserDataD0Ev [QtCore]	_ZN15QObjectUserDataD1Ev [QtCore]
_ZN15QObjectUserDataD2Ev [QtCore]	_ZN21QObjectCleanupHandler11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]
_ZN21QObjectCleanupHandler11qt_metacastEPKc [QtCore]	_ZN21QObjectCleanupHandler3addEP7QObject [QtCore]
_ZN21QObjectCleanupHandler5clearEv [QtCore]	_ZN21QObjectCleanupHandler6removeEP7QObject [QtCore]
_ZN21QObjectCleanupHandlerC1Ev [QtCore]	_ZN21QObjectCleanupHandlerC2Ev [QtCore]
_ZN21QObjectCleanupHandlerD0Ev [QtCore]	_ZN21QObjectCleanupHandlerD1Ev [QtCore]
_ZN21QObjectCleanupHandlerD2Ev [QtCore]	_ZN7QObject10childEventEP11QChildEvent [QtCore]
_ZN7QObject10disconnectEPKS_PKcS1_S3_ [QtCore]	_ZN7QObject10startTimerEi [QtCore]
_ZN7QObject10timerEventEP11QTimerEvent [QtCore]	_ZN7QObject11customEventEP6QEvent [QtCore]
_ZN7QObject11deleteLaterEv [QtCore]	_ZN7QObject11eventFilterEPS_P6QEvent [QtCore]
_ZN7QObject11qt_metacallEN11QM	_ZN7QObject11qt_metacastEPKc

etaObject4CallEiPPv [QtCore]	[QtCore]
_ZN7QObject11setPropertyEPKcRK8QVariant [QtCore]	_ZN7QObject11setUserDataEjP15QObjectUserData [QtCore]
_ZN7QObject12blockSignalsEb [QtCore]	_ZN7QObject12moveToThreadEP7QThread [QtCore]
_ZN7QObject13connectNotifyEPKc [QtCore]	_ZN7QObject13setObjectNameERK7QString [QtCore]
_ZN7QObject14dumpObjectInfoEv [QtCore]	_ZN7QObject14dumpObjectTreeEv [QtCore]
_ZN7QObject16disconnectNotifyEPKc [QtCore]	_ZN7QObject16registerUserDataEv [QtCore]
ZN7QObject17removeEventFilterEPS [QtCore]	_ZN7QObject18installEventFilterEPS_ [QtCore]
_ZN7QObject5eventEP6QEvent [QtCore]	_ZN7QObject7connectEPKS_PKcS1_S3_N2Qt14ConnectionTypeE [QtCore]
ZN7QObject9destroyedEPS [QtCore]	_ZN7QObject9killTimerEi [QtCore]
ZN7QObject9setParentEPS [QtCore]	_ZN7QObjectC1EPS_ [QtCore]
_ZN7QObjectC1EPS_PKc [QtCore]	_ZN7QObjectC2EPS_ [QtCore]
_ZN7QObjectC2EPS_PKc [QtCore]	_ZN7QObjectD0Ev [QtCore]
_ZN7QObjectD1Ev [QtCore]	_ZN7QObjectD2Ev [QtCore]
_ZN8QVariant10nameToTypeEPKc [QtCore]	_ZN8QVariant10typeToNameENS_4TypeE [QtCore]
_ZN8QVariant12castOrDetachENS_4TypeE [QtCore]	_ZN8QVariant4dataEv [QtCore]
_ZN8QVariant4loadER11QDataStream [QtCore]	_ZN8QVariant5clearEv [QtCore]
_ZN8QVariant6createEiPKv [QtCore]	_ZN8QVariant6detachEv [QtCore]
_ZN8QVariant7convertENS_4TypeE [QtCore]	_ZN8QVariantC1EN2Qt11GlobalColorE [QtXml]
_ZN8QVariantC1ENS_4TypeE [QtCore]	_ZN8QVariantC1EPKc [QtCore]
_ZN8QVariantC1ER11QDataStream [QtCore]	_ZN8QVariantC1ERK10QByteArray [QtCore]
_ZN8QVariantC1ERK11QStringList [QtCore]	_ZN8QVariantC1ERK13QLatin1String [QtCore]
_ZN8QVariantC1ERK4QMapI7QStringS_E [QtCore]	_ZN8QVariantC1ERK4QUrl [QtCore]
_ZN8QVariantC1ERK5QChar [QtCore]	_ZN8QVariantC1ERK5QDate [QtCore]
_ZN8QVariantC1ERK5QLine [QtCore]	_ZN8QVariantC1ERK5QListIS_E [QtCore]

_ZN8QVariantC1ERK5QRect [QtCore]	_ZN8QVariantC1ERK5QSize [QtCore]
_ZN8QVariantC1ERK5QTime [QtCore]	_ZN8QVariantC1ERK6QLineF [QtCore]
_ZN8QVariantC1ERK6QPoint [QtCore]	_ZN8QVariantC1ERK6QRectF [QtCore]
_ZN8QVariantC1ERK6QSizeF [QtCore]	_ZN8QVariantC1ERK7QLocale [QtCore]
_ZN8QVariantC1ERK7QPointF [QtCore]	_ZN8QVariantC1ERK7QRegExp [QtCore]
_ZN8QVariantC1ERK7QString [QtCore]	_ZN8QVariantC1ERK9QBitArray [QtCore]
_ZN8QVariantC1ERK9QDateTime [QtCore]	_ZN8QVariantC1ERKS_ [QtCore]
_ZN8QVariantC1Eb [QtCore]	_ZN8QVariantC1Ed [QtCore]
_ZN8QVariantC1Ei [QtCore]	_ZN8QVariantC1EiPKv [QtCore]
_ZN8QVariantC1Ej [QtCore]	_ZN8QVariantC1Ex [QtCore]
_ZN8QVariantC1Ey [QtCore]	_ZN8QVariantC2EN2Qt11GlobalColorE [QtXml]
_ZN8QVariantC2ENS_4TypeE [QtCore]	_ZN8QVariantC2EPKc [QtCore]
_ZN8QVariantC2ER11QDataStream [QtCore]	_ZN8QVariantC2ERK10QByteArray [QtCore]
_ZN8QVariantC2ERK11QStringList [QtCore]	_ZN8QVariantC2ERK13QLatin1String [QtCore]
_ZN8QVariantC2ERK4QMapI7QStringS_E [QtCore]	_ZN8QVariantC2ERK4QUrl [QtCore]
_ZN8QVariantC2ERK5QChar [QtCore]	_ZN8QVariantC2ERK5QDate [QtCore]
_ZN8QVariantC2ERK5QLine [QtCore]	_ZN8QVariantC2ERK5QListIS_E [QtCore]
_ZN8QVariantC2ERK5QRect [QtCore]	_ZN8QVariantC2ERK5QSize [QtCore]
_ZN8QVariantC2ERK5QTime [QtCore]	_ZN8QVariantC2ERK6QLineF [QtCore]
_ZN8QVariantC2ERK6QPoint [QtCore]	_ZN8QVariantC2ERK6QRectF [QtCore]
_ZN8QVariantC2ERK6QSizeF [QtCore]	_ZN8QVariantC2ERK7QLocale [QtCore]
_ZN8QVariantC2ERK7QPointF [QtCore]	_ZN8QVariantC2ERK7QRegExp [QtCore]
_ZN8QVariantC2ERK7QString [QtCore]	_ZN8QVariantC2ERK9QBitArray [QtCore]
_ZN8QVariantC2ERK9QDateTime [QtCore]	_ZN8QVariantC2ERKS_ [QtCore]

© 2008 Linux Foundation

_ZN8QVariantC2Eb [QtCore]	_ZN8QVariantC2Ed [QtCore]
_ZN8QVariantC2Ei [QtCore]	_ZN8QVariantC2EiPKv [QtCore]
_ZN8QVariantC2Ej [QtCore]	_ZN8QVariantC2Ex [QtCore]
_ZN8QVariantC2Ey [QtCore]	_ZN8QVariantD1Ev [QtCore]
_ZN8QVariantD2Ev [QtCore]	_ZN8QVariantaSERKS_ [QtCore]
_ZN9QMetaType12isRegisteredEi [QtCore]	_ZN9QMetaType12registerTypeEPKcPFvPvEPFS2_PKvE [QtCore]
_ZN9QMetaType23registerStreamOperatorsEPKcPFvR11QDataStreamPKvEPFvS3_PvE [QtCore]	_ZN9QMetaType4loadER11QDataStreamiPv [QtCore]
_ZN9QMetaType4saveER11QDataStreamiPKv [QtCore]	_ZN9QMetaType4typeEPKc [QtCore]
_ZN9QMetaType7destroyEiPv [QtCore]	_ZN9QMetaType8typeNameEi [QtCore]
_ZN9QMetaType9constructEiPKv [QtCore]	_ZNK11QMetaMethod10attributesEv [QtCore]
_ZNK11QMetaMethod10methodTypeEv [QtCore]	_ZNK11QMetaMethod14parameterNamesEv [QtCore]
_ZNK11QMetaMethod14parameterTypesEv [QtCore]	_ZNK11QMetaMethod3tagEv [QtCore]
_ZNK11QMetaMethod6accessEv [QtCore]	_ZNK11QMetaMethod8typeNameEv [QtCore]
_ZNK11QMetaMethod9signatureEv [QtCore]	_ZNK11QMetaObject10enumeratorEi [QtCore]
_ZNK11QMetaObject11indexOfSlotEPKc [QtCore]	_ZNK11QMetaObject11methodCountEv [QtCore]
_ZNK11QMetaObject12methodOffsetEv [QtCore]	_ZNK11QMetaObject12userPropertyEv [QtXml]
_ZNK11QMetaObject13indexOfMethodEPKc [QtCore]	_ZNK11QMetaObject13indexOfSignalEPKc [QtCore]
_ZNK11QMetaObject13propertyCountEv [QtCore]	_ZNK11QMetaObject14classInfoCountEv [QtCore]
_ZNK11QMetaObject14propertyOffsetEv [QtCore]	_ZNK11QMetaObject15classInfoOffsetEv [QtCore]
_ZNK11QMetaObject15enumeratorCountEv [QtCore]	_ZNK11QMetaObject15indexOfPropertyEPKc [QtCore]
_ZNK11QMetaObject16enumeratorOffsetEv [QtCore]	_ZNK11QMetaObject16indexOfClassInfoEPKc [QtCore]
_ZNK11QMetaObject17indexOfEnumeratorEPKc [QtCore]	_ZNK11QMetaObject2trEPKcS1_ [QtCore]
_ZNK11QMetaObject2trEPKcS1_i [QtXml]	_ZNK11QMetaObject4castEP7QObject [QtCore]
_ZNK11QMetaObject6methodEi [QtCore]	_ZNK11QMetaObject6trUtf8EPKcS1_ [QtCore]
_ZNK11QMetaObject6trUtf8EPKcS1	_ZNK11QMetaObject8propertyEi

_i [QtXml]	[QtCore]
_ZNK11QMetaObject9classInfoEi [QtCore]	_ZNK13QMetaProperty10enumeratorEv [QtCore]
_ZNK13QMetaProperty10isEditableEPK7QObject [QtCore]	_ZNK13QMetaProperty10isEnumTypeEv [QtCore]
_ZNK13QMetaProperty10isFlagTypeEv [QtCore]	_ZNK13QMetaProperty10isReadableEv [QtCore]
_ZNK13QMetaProperty10isWritableEv [QtCore]	_ZNK13QMetaProperty12hasStdCppSetEv [QtCore]
_ZNK13QMetaProperty12isDesignableEPK7QObject [QtCore]	_ZNK13QMetaProperty12isResettableEv [QtCore]
_ZNK13QMetaProperty12isScriptableEPK7QObject [QtCore]	_ZNK13QMetaProperty4nameEv [QtCore]
_ZNK13QMetaProperty4readEPK7QObject [QtCore]	_ZNK13QMetaProperty4typeEv [QtCore]
_ZNK13QMetaProperty5resetEP7QObject [QtCore]	_ZNK13QMetaProperty5writeEP7QObjectRK8QVariant [QtCore]
_ZNK13QMetaProperty6isUserEPK7QObject [QtCore]	_ZNK13QMetaProperty8isStoredEPK7QObject [QtCore]
_ZNK13QMetaProperty8typeNameEv [QtCore]	_ZNK13QMetaProperty8userTypeEv [QtXml]
_ZNK14QMetaClassInfo4nameEv [QtCore]	_ZNK14QMetaClassInfo5valueEv [QtCore]
_ZNK21QObjectCleanupHandler10metaObjectEv [QtCore]	_ZNK21QObjectCleanupHandler7isEmptyEv [QtCore]
_ZNK7QObject10metaObjectEv [QtCore]	_ZNK7QObject10objectNameEv [QtCore]
_ZNK7QObject20dynamicPropertyNamesEv [QtXml]	_ZNK7QObject5childEPKcS1_b [QtCore]
_ZNK7QObject6senderEv [QtCore]	_ZNK7QObject6threadEv [QtCore]
_ZNK7QObject8propertyEPKc [QtCore]	_ZNK7QObject8userDataEj [QtCore]
_ZNK7QObject9queryListEPKcS1_bb [QtCore]	_ZNK7QObject9receiversEPKc [QtCore]
_ZNK8QVariant10canConvertENS_4TypeE [QtCore]	_ZNK8QVariant10toBitArrayEv [QtCore]
_ZNK8QVariant10toDateTimeEv [QtCore]	_ZNK8QVariant10toLongLongEPb [QtCore]
_ZNK8QVariant11toByteArrayEv [QtCore]	_ZNK8QVariant11toULongLongEPb [QtCore]
_ZNK8QVariant12toStringListEv [QtCore]	_ZNK8QVariant3cmpERKS_ [QtCore]
_ZNK8QVariant4saveER11QDataStream [QtCore]	_ZNK8QVariant4typeEv [QtCore]
_ZNK8QVariant5toIntEPb [QtCore]	_ZNK8QVariant5toMapEv [QtCore]

_ZNK8QVariant5toUrlEv [QtCore]	_ZNK8QVariant6isNullEv [QtCore]
_ZNK8QVariant6toBoolEv [QtCore]	_ZNK8QVariant6toCharEv [QtCore]
_ZNK8QVariant6toDateEv [QtCore]	_ZNK8QVariant6toLineEv [QtCore]
_ZNK8QVariant6toListEv [QtCore]	_ZNK8QVariant6toRectEv [QtCore]
_ZNK8QVariant6toSizeEv [QtCore]	_ZNK8QVariant6toTimeEv [QtCore]
_ZNK8QVariant6toUIntEPb [QtCore]	_ZNK8QVariant7toLineFEv [QtCore]
_ZNK8QVariant7toPointEv [QtCore]	_ZNK8QVariant7toRectFEv [QtCore]
_ZNK8QVariant7toSizeFEv [QtCore]	_ZNK8QVariant8toDoubleEPb [QtCore]
_ZNK8QVariant8toLocaleEv [QtCore]	_ZNK8QVariant8toPointFEv [QtCore]
_ZNK8QVariant8toRegExpEv [QtCore]	_ZNK8QVariant8toStringEv [QtCore]
_ZNK8QVariant8typeNameEv [QtCore]	_ZNK8QVariant8userTypeEv [QtCore]
_ZNK8QVariant9constDataEv [QtCore]	_ZNK9QMetaEnum10keyToValueEPKc [QtCore]
_ZNK9QMetaEnum10valueToKeyEi [QtCore]	_ZNK9QMetaEnum11keysToValueEPKc [QtCore]
_ZNK9QMetaEnum11valueToKeysEi [QtCore]	_ZNK9QMetaEnum3keyEi [QtCore]
_ZNK9QMetaEnum4nameEv [QtCore]	_ZNK9QMetaEnum5scopeEv [QtCore]
_ZNK9QMetaEnum5valueEi [QtCore]	_ZNK9QMetaEnum6isFlagEv [QtCore]
_ZNK9QMetaEnum8keyCountEv [QtCore]	_Zls6QDebugPK7QObject [QtCore]
_Zls6QDebugRK8QVariant [QtCore]	_ZlsR11QDataStreamRK8QVariant [QtCore]
_ZrsR11QDataStreamR8QVariant [QtCore]	

17.2.14 Qt4 Threading

17.2.14.1 Class data for QThread

The virtual table for the QThread class is described by Table 17-91

Table 17-91 Primary vtable for QThread

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QThread
vfunc[0]:	QThread::metaObject() const
vfunc[1]:	QThread::qt_metacast(char const*)

vfunc[2]:	QThread::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QThread::~QThread()
vfunc[4]:	QThread::~QThread()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual

The Run Time Type Information for the QThread class is described by Table 17-92

Table 17-92 typeinfo for QThread

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QThread
basetype:	typeinfo for QObject

17.2.14.2 Interfaces for Qt4 Threading

An LSB conforming implementation shall provide the generic functions for Qt4 Threading specified in Table 17-93, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-93 libQtCore - Qt4 Threading Function Interfaces

_ZN10QSemaphore10tryAcquireEi [QtCore]	_ZN10QSemaphore7acquireEi [QtCore]
_ZN10QSemaphore7releaseEi [QtCore]	_ZN10QSemaphoreC1Ei [QtCore]
_ZN10QSemaphoreC2Ei [QtCore]	_ZN10QSemaphoreD1Ev [QtCore]
_ZN10QSemaphoreD2Ev [QtCore]	_ZN14QReadWriteLock11lockForReadEv [QtCore]
_ZN14QReadWriteLock12lockForWriteEv [QtCore]	_ZN14QReadWriteLock14tryLockForReadEv [QtCore]
_ZN14QReadWriteLock15tryLockForWriteEv [QtCore]	_ZN14QReadWriteLock6unlockEv [QtCore]
_ZN14QReadWriteLockC1Ev [QtCore]	_ZN14QReadWriteLockC2Ev [QtCore]
_ZN14QReadWriteLockD1Ev [QtCore]	_ZN14QReadWriteLockD2Ev [QtCore]
_ZN14QWaitCondition4waitEP6QM	_ZN14QWaitCondition7wakeAllEv

utexm [QtCore]	[QtCore]
_ZN14QWaitCondition7wakeOneEv [QtCore]	_ZN14QWaitConditionC1Ev [QtCore]
_ZN14QWaitConditionC2Ev [QtCore]	_ZN14QWaitConditionD1Ev [QtCore]
_ZN14QWaitConditionD2Ev [QtCore]	_ZN18QThreadStorageData3setEPv [QtCore]
_ZN18QThreadStorageData6finishEPPv [QtCore]	_ZN18QThreadStorageDataC1EPFvPvE [QtCore]
_ZN18QThreadStorageDataC2EPFvPvE [QtCore]	_ZN18QThreadStorageDataD1Ev [QtCore]
_ZN18QThreadStorageDataD2Ev [QtCore]	_ZN6QMutex4lockEv [QtCore]
_ZN6QMutex6unlockEv [QtCore]	_ZN6QMutex7tryLockEv [QtCore]
_ZN6QMutexC1ENS_13RecursionModeE [QtCore]	_ZN6QMutexC2ENS_13RecursionModeE [QtCore]
_ZN6QMutexD1Ev [QtCore]	_ZN6QMutexD2Ev [QtCore]
_ZN7QThread10terminatedEv [QtCore]	_ZN7QThread11qt_metacallEN11QMetaObject4CallEiPPv [QtCore]
_ZN7QThread11qt_metacastEPKc [QtCore]	_ZN7QThread11setPriorityENS_8PriorityE [QtCore]
_ZN7QThread12setStackSizeEj [QtCore]	_ZN7QThread13currentThreadEv [QtCore]
_ZN7QThread15currentThreadIdEv [QtCore]	_ZN7QThread21setTerminationEnabledEb [QtCore]
_ZN7QThread4execEv [QtCore]	_ZN7QThread4exitEi [QtCore]
_ZN7QThread4quitEv [QtCore]	_ZN7QThread4waitEm [QtCore]
_ZN7QThread5sleepEm [QtCore]	_ZN7QThread5startENS_8PriorityE [QtCore]
_ZN7QThread6msleepEm [QtCore]	_ZN7QThread6usleepEm [QtCore]
_ZN7QThread7startedEv [QtCore]	_ZN7QThread8finishedEv [QtCore]
_ZN7QThread9terminateEv [QtCore]	_ZN7QThreadC1EP7QObject [QtCore]
_ZN7QThreadC2EP7QObject [QtCore]	_ZN7QThreadD0Ev [QtCore]
_ZN7QThreadD1Ev [QtCore]	_ZN7QThreadD2Ev [QtCore]
_ZNK10QSemaphore9availableEv [QtCore]	_ZNK18QThreadStorageData3getEv [QtCore]
_ZNK7QThread10isFinishedEv [QtCore]	_ZNK7QThread10metaObjectEv [QtCore]
_ZNK7QThread8priorityEv [QtCore]	_ZNK7QThread9isRunningEv [QtCore]
_ZNK7QThread9stackSizeEv [QtCore]	

17.2.15 Qt4 2D Graphics

17.2.15.1 Interfaces for Qt4 2D Graphics

An LSB conforming implementation shall provide the generic functions for Qt4 2D Graphics specified in Table 17-94, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-94 libQtCore - Qt4 2D Graphics Function Interfaces

_ZN5QRect10moveCenterERK6QPoint [QtCore]	_ZN5QSize5scaleERKS_N2Qt15AspectRatioModeE [QtCore]
_ZN5QSize9transposeEv [QtCore]	_ZN6QSizeF5scaleERKS_N2Qt15AspectRatioModeE [QtCore]
_ZN6QSizeF9transposeEv [QtCore]	_ZNK5QRect10intersectsERKS_ [QtCore]
_ZNK5QRect10normalizedEv [QtCore]	_ZNK5QRect8containsERK6QPointb [QtCore]
_ZNK5QRect8containsERKS_b [QtCore]	_ZNK5QRectanERKS_ [QtCore]
ZNK5QRectorERKS [QtCore]	_ZNK6QLineF10unitVectorEv [QtCore]
ZNK6QLineF5angleERKS [QtCore]	_ZNK6QLineF6isNullEv [QtCore]
_ZNK6QLineF6lengthEv [QtCore]	_ZNK6QLineF9intersectERKS_P7QPointF [QtCore]
_ZNK6QPoint15manhattanLengthEv [QtCore]	_ZNK6QRectF10intersectsERKS_ [QtCore]
_ZNK6QRectF10normalizedEv [QtCore]	_ZNK6QRectF8containsERK7QPointF [QtCore]
ZNK6QRectF8containsERKS [QtCore]	_ZNK6QRectFanERKS_ [QtCore]
ZNK6QRectForERKS [QtCore]	_Zls6QDebugRK5QLine [QtCore]
_Zls6QDebugRK5QRect [QtCore]	_Zls6QDebugRK5QSize [QtCore]
_Zls6QDebugRK6QLineF [QtCore]	_Zls6QDebugRK6QPoint [QtCore]
_Zls6QDebugRK6QRectF [QtCore]	_Zls6QDebugRK6QSizeF [QtCore]
_Zls6QDebugRK7QPointF [QtCore]	_ZlsR11QDataStreamRK5QLine [QtCore]
_ZlsR11QDataStreamRK5QRect [QtCore]	_ZlsR11QDataStreamRK5QSize [QtCore]
_ZlsR11QDataStreamRK6QLineF [QtCore]	_ZlsR11QDataStreamRK6QPoint [QtCore]
_ZlsR11QDataStreamRK6QRectF [QtCore]	_ZlsR11QDataStreamRK6QSizeF [QtCore]
_ZlsR11QDataStreamRK7QPointF [QtCore]	_ZrsR11QDataStreamR5QLine [QtCore]
_ZrsR11QDataStreamR5QRect [QtCore]	_ZrsR11QDataStreamR5QSize [QtCore]

_ZrsR11QDataStreamR6QLineF [QtCore]	_ZrsR11QDataStreamR6QPoint [QtCore]
_ZrsR11QDataStreamR6QRectF [QtCore]	_ZrsR11QDataStreamR6QSizeF [QtCore]
_ZrsR11QDataStreamR7QPointF [QtCore]	

17.2.16 Qt4 Internals

17.2.16.1 Interfaces for Qt4 Internals

An LSB conforming implementation shall provide the generic functions for Qt4 Internals specified in Table 17-95, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-95 libQtCore - Qt4 Internals Function Interfaces

_ZN9QInternal12callFunctionENS_16InternalFunctionEPPv [QtXml]	_ZN9QInternal16registerCallbackENS_8CallbackEPFbPPvE [QtXml]
_ZN9QInternal17activateCallbacksENS_8CallbackEPPv [QtXml]	_ZN9QInternal18unregisterCallbackENS_8CallbackEPFbPPvE [QtXml]
_ZN9QtPrivate16QStringList_joinEPK11QStringListRK7QString [QtCore]	_ZN9QtPrivate16QStringList_sortEP11QStringList [QtCore]
_ZN9QtPrivate18QStringList_filterEPK11QStringListRK7QRegExp [QtCore]	_ZN9QtPrivate18QStringList_filterEPK11QStringListRK7QStringN2Qt15CaseSensitivityE [QtCore]
_ZN9QtPrivate19QStringList_indexOfEPK11QStringListRK7QRegExpi [QtCore]	_ZN9QtPrivate20QStringList_containsEPK11QStringListRK7QStringN2Qt15CaseSensitivityE [QtCore]
_ZN9QtPrivate23QStringList_lastIndexOfEPK11QStringListRK7QRegExpi [QtCore]	_ZN9QtPrivate28QStringList_replaceInStringsEP11QStringListRK7QRegExpRK7QString [QtCore]
_ZN9QtPrivate28QStringList_replaceInStringsEP11QStringListRK7QStringS4_N2Qt15CaseSensitivityE [QtCore]	

17.3 Data Definitions for libQtCore

This section defines global identifiers and their values that are associated with interfaces contained in libQtCore. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C lan-

guage is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

17.3.1 QtCore/qabstracteventdispatcher.h

```
class QAbstractEventDispatcher;
typedef          struct          QPair          <int,          int
>QAbstractEventDispatcher::TimerInfo;
typedef bool QAbstractEventDispatcher::EventFilter;
```

17.3.2 QtCore/qabstractfileengine.h

```
class QAbstractFileEngine;
enum _ZN19QAbstractFileEngine8FileFlagE {
    ExeOtherPerm = 1,
    WriteOtherPerm = 2,
    ReadOtherPerm = 4,
    ExeGroupPerm = 16,
    WriteGroupPerm = 32,
    ReadGroupPerm = 64,
    ExeUserPerm = 256,
    WriteUserPerm = 512,
    ReadUserPerm = 1024,
    ExeOwnerPerm = 4096,
    WriteOwnerPerm = 8192,
    ReadOwnerPerm = 16384,
    PermsMask = 65535,
    LinkType = 65536,
    FileType = 131072,
    DirectoryType = 262144,
    TypesMask = 983040,
    HiddenFlag = 1048576,
    LocalDiskFlag = 2097152,
    ExistsFlag = 4194304,
    RootFlag = 8388608,
    FlagsMask = 267386880,
    FileInfoAll = 268435455
};
class QFlags < QAbstractFileEngine::FileFlag >;
typedef class QFlags < QAbstractFileEngine::FileFlag >
    QAbstractFileEngine::FileFlags;
enum _ZN19QAbstractFileEngine8FileNameE {
    DefaultName = 0,
    BaseName = 1,
    PathName = 2,
    AbsoluteName = 3,
    AbsolutePathName = 4,
    LinkName = 5,
    CanonicalName = 6,
    CanonicalPathName = 7
};
enum _ZN19QAbstractFileEngine9FileOwnerE {
    OwnerUser = 0,
    OwnerGroup = 1
};
enum _ZN19QAbstractFileEngine8FileTimeE {
    CreationTime = 0,
    ModificationTime = 1,
    AccessTime = 2
};
enum _ZN19QAbstractFileEngine9ExtensionE;
class QAbstractFileEngine::ExtensionOption;
```

© 2008 Linux Foundation

```
class QAbstractFileEngine::ExtensionReturn;
class QAbstractFileEngineHandler;
```

17.3.3 QtCore/qabstractitemmodel.h

```
class QModelIndex;
class QPersistentModelIndex;
typedef class QList < QModelIndex > QModelIndexList;
class QAbstractItemModel;
class QAbstractTableModel;
class QAbstractListModel;
```

17.3.4 QtCore/qatomic.h

```
struct QBasicAtomic;
class QAtomic;
```

17.3.5 QtCore/qbasictimer.h

```
class QBasicTimer;
```

17.3.6 QtCore/qbitarray.h

```
class QBitArray;
class QBitRef;
```

17.3.7 QtCore/qbuffer.h

```
class QBuffer;
```

17.3.8 QtCore/qbytearray.h

```
class QByteArray;
typedef char QByteArray::iterator;
typedef char QByteArray::const_iterator;
typedef QByteArray::iterator QByteArray::Iterator;
typedef QByteArray::const_iterator QByteArray::ConstIterator;
typedef char QByteArray::const_reference;
typedef char QByteArray::reference;
struct QByteArray::Data;
class QByteRef;
```

17.3.9 QtCore/qbytearraymatcher.h

```
class QByteArrayMatcher;
```

17.3.10 QtCore/qchar.h

```
struct QLatin1Char;
class QChar;
enum _ZN5QChar16SpecialCharacterE {
    Null = 0,
```

```
    null = 0,
    Nbsp = 160,
    nbsp = 160,
    LineSeparator = 8232,
    ParagraphSeparator = 8233,
    ByteOrderMark = 65279,
    byteOrderMark = 65279,
    ObjectReplacementCharacter = 65532,
    replacement = 65533,
    ReplacementCharacter = 65533,
    byteOrderSwapped = 65534,
    ByteOrderSwapped = 65534
};
enum _ZN5QChar8CategoryE {
    NoCategory = 0,
    Mark_NonSpacing = 1,
    Mark_SpacingCombining = 2,
    Mark_Enclosing = 3,
    Number_DecimalDigit = 4,
    Number_Letter = 5,
    Number_Other = 6,
    Separator_Space = 7,
    Separator_Line = 8,
    Separator_Paragraph = 9,
    Other_Control = 10,
    Other_Format = 11,
    Other_Surrogate = 12,
    Other_PrivateUse = 13,
    Other_NotAssigned = 14,
    Letter_Uppercase = 15,
    Letter_Lowercase = 16,
    Letter_Titlecase = 17,
    Letter_Modifier = 18,
    Letter_Other = 19,
    Punctuation_Connector = 20,
    Punctuation_Dask = 21,
    Punctuation_Dash = 21,
    Punctuation_Open = 22,
    Punctuation_Close = 23,
    Punctuation_InitialQuote = 24,
    Punctuation_FinalQuote = 25,
    Punctuation_Other = 26,
    Symbol_Math = 27,
    Symbol_Currency = 28,
    Symbol_Modifier = 29,
    Symbol_Other = 30
};
enum _ZN5QChar9DirectionE {
    DirL = 0,
    DirR = 1,
    DirEN = 2,
    DirES = 3,
    DirET = 4,
    DirAN = 5,
    DirCS = 6,
    DirB = 7,
    DirS = 8,
    DirWS = 9,
    DirON = 10,
    DirLRE = 11,
    DirLRO = 12,
    DirAL = 13,
    DirRLE = 14,
    DirRLO = 15,
    DirPDF = 16,
    DirNSM = 17,
```

```
    DirBN = 18
};
enum _ZN5QChar13DecompositionE {
    NoDecomposition = 0,
    Single = 0,
    Canonical = 1,
    Font = 2,
    NoBreak = 3,
    Initial = 4,
    Medial = 5,
    Final = 6,
    Isolated = 7,
    Circle = 8,
    Super = 9,
    Sub = 10,
    Vertical = 11,
    Wide = 12,
    Narrow = 13,
    Small = 14,
    Square = 15,
    Compat = 16,
    Fraction = 17
};
enum _ZN5QChar7JoiningE {
    OtherJoining = 0,
    Dual = 1,
    Right = 2,
    Center = 3
};
enum _ZN5QChar14CombiningClassE {
    Combining_BelowLeftAttached = 200,
    Combining_BelowAttached = 202,
    Combining_BelowRightAttached = 204,
    Combining_LeftAttached = 208,
    Combining_RightAttached = 210,
    Combining_AboveLeftAttached = 212,
    Combining_AboveAttached = 214,
    Combining_AboveRightAttached = 216,
    Combining_BelowLeft = 218,
    Combining_Below = 220,
    Combining_BelowRight = 222,
    Combining_Left = 224,
    Combining_Right = 226,
    Combining_AboveLeft = 228,
    Combining_Above = 230,
    Combining_AboveRight = 232,
    Combining_DoubleBelow = 233,
    Combining_DoubleAbove = 234,
    Combining_IotaSubscript = 240
};
enum _ZN5QChar14UnicodeVersionE {
    Unicode_Unassigned = 0,
    Unicode_1_1 = 1,
    Unicode_2_0 = 2,
    Unicode_2_1_2 = 3,
    Unicode_3_0 = 4,
    Unicode_3_1 = 5,
    Unicode_3_2 = 6,
    Unicode_4_0 = 7
};
```

17.3.11 QtCore/qcoreapplication.h

```
class QCoreApplication;
```

```
enum _ZN16QCoreApplication8EncodingE {
    DefaultCodec = 0,
    UnicodeUTF8 = 1
};
typedef bool QCoreApplication::EventFilter;
typedef void QtCleanUpFunction;
```

17.3.12 QtCore/qcoreevent.h

```
class QEvent;
enum _ZN6QEvent4TypeE {
    None = 0,
    Timer = 1,
    MouseButtonPress = 2,
    MouseButtonRelease = 3,
    MouseButtonDblClick = 4,
    MouseMove = 5,
    KeyPress = 6,
    KeyRelease = 7,
    FocusIn = 8,
    FocusOut = 9,
    Enter = 10,
    Leave = 11,
    Paint = 12,
    Move = 13,
    Resize = 14,
    Create = 15,
    Destroy = 16,
    Show = 17,
    Hide = 18,
    Close = 19,
    Quit = 20,
    ParentChange = 21,
    Reparent = 21,
    ThreadChange = 22,
    WindowActivate = 24,
    WindowDeactivate = 25,
    ShowToParent = 26,
    HideToParent = 27,
    Accel = 30,
    Wheel = 31,
    AccelAvailable = 32,
    WindowTitleChange = 33,
    CaptionChange = 33,
    WindowIconChange = 34,
    IconChange = 34,
    ApplicationWindowIconChange = 35,
    ApplicationFontChange = 36,
    ApplicationLayoutDirectionChange = 37,
    ApplicationPaletteChange = 38,
    PaletteChange = 39,
    Clipboard = 40,
    Speech = 42,
    MetaCall = 43,
    SockAct = 50,
    AccelOverride = 51,
    ShortcutOverride = 51,
    DeferredDelete = 52,
    DragEnter = 60,
    DragMove = 61,
    DragLeave = 62,
    Drop = 63,
    DragResponse = 64,
    ChildAdded = 68,
```

```
    ChildPolished = 69,
    ChildInserted = 70,
    ChildRemoved = 71,
    LayoutHint = 72,
    ShowWindowRequest = 73,
    PolishRequest = 74,
    Polish = 75,
    LayoutRequest = 76,
    UpdateRequest = 77,
    UpdateLater = 78,
    EmbeddingControl = 79,
    ActivateControl = 80,
    DeactivateControl = 81,
    ContextMenu = 82,
    InputMethod = 83,
    AccessibilityPrepare = 86,
    TabletMove = 87,
    LocaleChange = 88,
    LanguageChange = 89,
    LayoutDirectionChange = 90,
    Style = 91,
    TabletPress = 92,
    TabletRelease = 93,
    OkRequest = 94,
    HelpRequest = 95,
    IconDrag = 96,
    FontChange = 97,
    EnabledChange = 98,
    ActivationChange = 99,
    StyleChange = 100,
    IconTextChange = 101,
    ModifiedChange = 102,
    WindowBlocked = 103,
    WindowUnblocked = 104,
    WindowStateChange = 105,
    MouseTrackingChange = 109,
    ToolTip = 110,
    WhatsThis = 111,
    StatusTip = 112,
    ActionChanged = 113,
    ActionAdded = 114,
    ActionRemoved = 115,
    FileOpen = 116,
    Shortcut = 117,
    WhatsThisClicked = 118,
    AccessibilityHelp = 119,
    ToolBarChange = 120,
    ApplicationActivated = 121,
    ApplicationDeactivated = 122,
    QueryWhatsThis = 123,
    EnterWhatsThisMode = 124,
    LeaveWhatsThisMode = 125,
    ZOrderChange = 126,
    HoverEnter = 127,
    HoverLeave = 128,
    HoverMove = 129,
    AccessibilityDescription = 130,
    ParentAboutToChange = 131,
    WinEventAct = 132,
    AcceptDropsChange = 152,
    MenubarUpdated = 153,
    ZeroTimerEvent = 154,
    User = 1000,
    MaxUser = 65535
};
class QTimerEvent;
```

```
class QChildEvent;
class QCustomEvent;
```

17.3.13 QtCore/qdatastream.h

```
class QDataStream;
enum _ZN11QDataStream7VersionE {
    Qt_1_0 = 1,
    Qt_2_0 = 2,
    Qt_2_1 = 3,
    Qt_3_0 = 4,
    Qt_3_1 = 5,
    Qt_3_3 = 6,
    Qt_4_0 = 7,
    Qt_4_1 = 7
};
enum _ZN11QDataStream9ByteOrderE {
    BigEndian = 0,
    LittleEndian = 1
};
enum _ZN11QDataStream6StatusE {
    Ok = 0,
    ReadPastEnd = 1,
    ReadCorruptData = 2
};
```

17.3.14 QtCore/qdatetime.h

```
class QDate;
class QTime;
class QDateTime;
```

17.3.15 QtCore/qdebug.h

```
class QDebug;
struct QDebug::Stream;
```

17.3.16 QtCore/qdir.h

```
class QDir;
enum _ZN4QDir6FilterE {
    DefaultFilter = -1,
    NoFilter = -1,
    Dirs = 1,
    Files = 2,
    Drives = 4,
    AllEntries = 7,
    All = 7,
    NoSymLinks = 8,
    TypeMask = 15,
    Readable = 16,
    Writable = 32,
    Executable = 64,
    PermissionMask = 112,
    RWEMask = 112,
    Modified = 128,
    Hidden = 256,
    System = 512,
    AccessMask = 1008,
```

```
    AllDirs = 1024,
    CaseSensitive = 2048,
    NoDotAndDotDot = 4096
};
class QFlags < QDir::Filter >;
typedef class QFlags < QDir::Filter > QDir::Filters;
typedef QDir::Filters QDir::FilterSpec;
enum _ZN4QDir8SortFlagE {
    DefaultSort = -1,
    NoSort = -1,
    Name = 0,
    Time = 1,
    Size = 2,
    Unsorted = 3,
    SortByMask = 3,
    DirsFirst = 4,
    Reversed = 8,
    IgnoreCase = 16,
    DirsLast = 32,
    LocaleAware = 64,
    Type = 128
};
class QFlags < QDir::SortFlag >;
typedef class QFlags < QDir::SortFlag > QDir::SortFlags;
typedef QDir::SortFlags QDir::SortSpec;
```

17.3.17 QtCore/qeventloop.h

```
class QEventLoop;
enum _ZN10QEventLoop17ProcessEventsFlagE {
    AllEvents = 0,
    ExcludeUserInputEvents = 1,
    ExcludeUserInput = 1,
    ExcludeSocketNotifiers = 2,
    WaitForMoreEvents = 4,
    WaitForMore = 4,
    X11ExcludeTimers = 8,
    DeferredDeletion = 16
};
class QFlags < QEventLoop::ProcessEventsFlag >;
typedef class QFlags < QEventLoop::ProcessEventsFlag >
    QEventLoop::ProcessEventsFlags;
```

17.3.18 QtCore/qfactoryinterface.h

```
struct QFactoryInterface;
```

17.3.19 QtCore/qfile.h

```
class QFile;
enum _ZN5QFile9FileErrorE {
    NoError = 0,
    ReadError = 1,
    WriteError = 2,
    FatalError = 3,
    ResourceError = 4,
    OpenError = 5,
    AbortError = 6,
    TimeOutError = 7,
    UnspecifiedError = 8,
    RemoveError = 9,
```

```
    RenameError = 10,
    PositionError = 11,
    ResizeError = 12,
    PermissionsError = 13,
    CopyError = 14,
    ConnectError = 30
};
enum _ZN5QFile10PermissionE {
    ExeOther = 1,
    WriteOther = 2,
    ReadOther = 4,
    ExeGroup = 16,
    WriteGroup = 32,
    ReadGroup = 64,
    ExeUser = 256,
    WriteUser = 512,
    ReadUser = 1024,
    ExeOwner = 4096,
    WriteOwner = 8192,
    ReadOwner = 16384
};
class QFlags < QFile::Permission >;
typedef class QFlags < QFile::Permission > QFile::Permissions;
typedef class QByteArrayQFile::EncoderFn;
typedef class QStringQFile::DecoderFn;
typedef enum _ZN5QFile10PermissionE {
    ExeOther = 1,
    WriteOther = 2,
    ReadOther = 4,
    ExeGroup = 16,
    WriteGroup = 32,
    ReadGroup = 64,
    ExeUser = 256,
    WriteUser = 512,
    ReadUser = 1024,
    ExeOwner = 4096,
    WriteOwner = 8192,
    ReadOwner = 16384
} QFile::PermissionSpec;
```

17.3.20 QtCore/qfileinfo.h

```
class QFileInfo;
enum _ZN9QFileInfo10PermissionE {
    ExeOther = 1,
    WriteOther = 2,
    ReadOther = 4,
    ExeGroup = 16,
    WriteGroup = 32,
    ReadGroup = 64,
    ExeUser = 256,
    WriteUser = 512,
    ReadUser = 1024,
    ExeOwner = 4096,
    WriteOwner = 8192,
    ReadOwner = 16384
};
class QFlags < QFileInfo::Permission >;
typedef     class     QFlags     <     QFileInfo::Permission     >
QFileInfo::PermissionSpec;
typedef class QList < QFileInfo > QFileInfoList;
```

17.3.21 QtCore/qfsfileengine.h

```
class QFSFileEngine;
```

17.3.22 QtCore/qglobal.h

```
typedef signed char qint8;
typedef unsigned char quint8;
typedef short qint16;
typedef unsigned short quint16;
typedef int qint32;
typedef unsigned int quint32;
typedef long long int qint64;
typedef unsigned long long int quint64;
typedef qint64 qlonglong;
typedef quint64 qulonglong;
typedef unsigned char uchar;
typedef int QNoImplicitBoolCast;
typedef double qreal;
typedef qint8 Q_INT8;
typedef quint8 Q_UINT8;
typedef qint16 Q_INT16;
typedef quint16 Q_UINT16;
typedef qint32 Q_INT32;
typedef quint32 Q_UINT32;
typedef qint64 Q_INT64;
typedef quint64 Q_UINT64;
typedef qint64 Q_LLONG;
typedef quint64 Q_ULLONG;
typedef long int Q_LONG;
typedef unsigned long int Q_ULONG;
class QSysInfo;
enum _ZN8QSysInfo6EndianE {
    BigEndian = 0,
    LittleEndian = 1,
    ByteOrder = 1
};
enum QtMsgType {
    QtDebugMsg = 0,
    QtWarningMsg = 1,
    QtCriticalMsg = 2,
    QtSystemMsg = 2,
    QtFatalMsg = 3
};
typedef void QtMsgHandler;
class QBool;
class QFlag;
enum QtValidLicenseForCoreModule {
    LicensedCore = 1
};
enum QtValidLicenseForGuiModule {
    LicensedGui = 1
};
enum QtValidLicenseForNetworkModule {
    LicensedNetwork = 1
};
enum QtValidLicenseForOpenGLModule {
    LicensedOpenGL = 1
};
enum QtValidLicenseForSqlModule {
    LicensedSql = 1
};
enum QtValidLicenseForXmlModule {
```

```
    LicensedXml = 1
};
enum QtValidLicenseForQt3SupportLightModule {
    LicensedQt3SupportLight = 1
};
enum QtValidLicenseForQt3SupportModule {
    LicensedQt3Support = 1
};
enum QtValidLicenseForSvgModule {
    LicensedSvg = 1
};
enum QtValidLicenseForActiveQtModule {
    LicensedActiveQt = 1
};
```

17.3.23 QtCore/qhash.h

```
struct QHashData;
struct QHashData::Node;
struct QHashDummyValue;
```

17.3.24 QtCore/qiodevice.h

```
class QIODevice;
enum _ZN9QIODevice12OpenModeFlagE {
    NotOpen = 0,
    ReadOnly = 1,
    WriteOnly = 2,
    ReadWrite = 3,
    Append = 4,
    Truncate = 8,
    Text = 16,
    Unbuffered = 32
};
class QFlags < QIODevice::OpenModeFlag >;
typedef    class    QFlags    <    QIODevice::OpenModeFlag    >
QIODevice::OpenMode;
typedef qint64 QIODevice::Offset;
typedef int QIODevice::Status;
```

17.3.25 QtCore/qlibrary.h

```
class QLibrary;
```

17.3.26 QtCore/qlibraryinfo.h

```
class QLibraryInfo;
enum _ZN12QLibraryInfo15LibraryLocationE {
    PrefixPath = 0,
    DocumentationPath = 1,
    HeadersPath = 2,
    LibrariesPath = 3,
    BinariesPath = 4,
    PluginsPath = 5,
    DataPath = 6,
    TranslationsPath = 7,
    SettingsPath = 8,
    DemosPath = 9,
    ExamplesPath = 10
```

```
};
```

17.3.27 QtCore/qline.h

```
class QLine;
class QLineF;
enum _ZN6QLineF13IntersectTypeE {
    NoIntersection = 0,
    BoundedIntersection = 1,
    UnboundedIntersection = 2
};
```

17.3.28 QtCore/qlinkedlist.h

```
struct QLinkedListData;
```

17.3.29 QtCore/qlist.h

```
class QList < QByteArray >;
class QList < QFileInfo >;
class QList < QVariant >;
class QList < QUrl >;
class QList < QModelIndex >;
class QList < QHostAddress >;
class QList < int >;
class QList < QObject * >;
class QList < QWidget * >;
class QList < QPair < QString, QString > >;
struct QListData;
struct QListData::Data;
```

17.3.30 QtCore/qlocale.h

```
class QLocale;
enum _ZN7QLocale8LanguageE {
    C = 1,
    Abkhazian = 2,
    Afan = 3,
    Afar = 4,
    Afrikaans = 5,
    Albanian = 6,
    Amharic = 7,
    Arabic = 8,
    Armenian = 9,
    Assamese = 10,
    Aymara = 11,
    Azerbaijani = 12,
    Bashkir = 13,
    Basque = 14,
    Bengali = 15,
    Bhutani = 16,
    Bihari = 17,
    Bislama = 18,
    Breton = 19,
    Bulgarian = 20,
    Burmese = 21,
    Byelorussian = 22,
    Cambodian = 23,
    Catalan = 24,
```

```
Chinese = 25,
Corsican = 26,
Croatian = 27,
Czech = 28,
Danish = 29,
Dutch = 30,
English = 31,
Esperanto = 32,
Estonian = 33,
Faroese = 34,
FijiLanguage = 35,
Finnish = 36,
French = 37,
Frisian = 38,
Gaelic = 39,
Galician = 40,
Georgian = 41,
German = 42,
Greek = 43,
Greenlandic = 44,
Guarani = 45,
Gujarati = 46,
Hausa = 47,
Hebrew = 48,
Hindi = 49,
Hungarian = 50,
Icelandic = 51,
Indonesian = 52,
Interlingua = 53,
Interlingue = 54,
Inuktitut = 55,
Inupiak = 56,
Irish = 57,
Italian = 58,
Japanese = 59,
Javanese = 60,
Kannada = 61,
Kashmiri = 62,
Kazakh = 63,
Kinyarwanda = 64,
Kirghiz = 65,
Korean = 66,
Kurdish = 67,
Kurundi = 68,
Laothian = 69,
Latin = 70,
Latvian = 71,
Lingala = 72,
Lithuanian = 73,
Macedonian = 74,
Malagasy = 75,
Malay = 76,
Malayalam = 77,
Maltese = 78,
Maori = 79,
Marathi = 80,
Moldavian = 81,
Mongolian = 82,
NauruLanguage = 83,
Nepali = 84,
Norwegian = 85,
Occitan = 86,
Oriya = 87,
Pashto = 88,
Persian = 89,
Polish = 90,
```

© 2008 Linux Foundation

```
    Portuguese = 91,
    Punjabi = 92,
    Quechua = 93,
    RhaetoRomance = 94,
    Romanian = 95,
    Russian = 96,
    Samoan = 97,
    Sangho = 98,
    Sanskrit = 99,
    Serbian = 100,
    SerboCroatian = 101,
    Sesotho = 102,
    Setswana = 103,
    Shona = 104,
    Sindhi = 105,
    Singhalese = 106,
    Siswati = 107,
    Slovak = 108,
    Slovenian = 109,
    Somali = 110,
    Spanish = 111,
    Sundanese = 112,
    Swahili = 113,
    Swedish = 114,
    Tagalog = 115,
    Tajik = 116,
    Tamil = 117,
    Tatar = 118,
    Telugu = 119,
    Thai = 120,
    Tibetan = 121,
    Tigrinya = 122,
    TongaLanguage = 123,
    Tsonga = 124,
    Turkish = 125,
    Turkmen = 126,
    Twi = 127,
    Uigur = 128,
    Ukrainian = 129,
    Urdu = 130,
    Uzbek = 131,
    Vietnamese = 132,
    Volapuk = 133,
    Welsh = 134,
    Wolof = 135,
    Xhosa = 136,
    Yiddish = 137,
    Yoruba = 138,
    Zhuang = 139,
    Zulu = 140,
    Nynorsk = 141,
    Bosnian = 142,
    Divehi = 143,
    Manx = 144,
    Cornish = 145,
    LastLanguage = 145
};
enum _ZN7QLocale7CountryE {
    AnyCountry = 0,
    Afghanistan = 1,
    Albania = 2,
    Algeria = 3,
    AmericanSamoa = 4,
    Andorra = 5,
    Angola = 6,
    Anguilla = 7,
```

```
Antarctica = 8,
AntiguaAndBarbuda = 9,
Argentina = 10,
Armenia = 11,
Aruba = 12,
Australia = 13,
Austria = 14,
Azerbaijan = 15,
Bahamas = 16,
Bahrain = 17,
Bangladesh = 18,
Barbados = 19,
Belarus = 20,
Belgium = 21,
Belize = 22,
Benin = 23,
Bermuda = 24,
Bhutan = 25,
Bolivia = 26,
BosniaAndHerzegowina = 27,
Botswana = 28,
BouvetIsland = 29,
Brazil = 30,
BritishIndianOceanTerritory = 31,
BruneiDarussalam = 32,
Bulgaria = 33,
BurkinaFaso = 34,
Burundi = 35,
Cambodia = 36,
Cameroon = 37,
Canada = 38,
CapeVerde = 39,
CaymanIslands = 40,
CentralAfricanRepublic = 41,
Chad = 42,
Chile = 43,
China = 44,
ChristmasIsland = 45,
CocosIslands = 46,
Colombia = 47,
Comoros = 48,
DemocraticRepublicOfCongo = 49,
PeoplesRepublicOfCongo = 50,
CookIslands = 51,
CostaRica = 52,
IvoryCoast = 53,
Croatia = 54,
Cuba = 55,
Cyprus = 56,
CzechRepublic = 57,
Denmark = 58,
Djibouti = 59,
Dominica = 60,
DominicanRepublic = 61,
EastTimor = 62,
Ecuador = 63,
Egypt = 64,
ElSalvador = 65,
EquatorialGuinea = 66,
Eritrea = 67,
Estonia = 68,
Ethiopia = 69,
FalklandIslands = 70,
FaroeIslands = 71,
FijiCountry = 72,
Finland = 73,
```

© 2008 Linux Foundation

```
France = 74,
MetropolitanFrance = 75,
FrenchGuiana = 76,
FrenchPolynesia = 77,
FrenchSouthernTerritories = 78,
Gabon = 79,
Gambia = 80,
Georgia = 81,
Germany = 82,
Ghana = 83,
Gibraltar = 84,
Greece = 85,
Greenland = 86,
Grenada = 87,
Guadeloupe = 88,
Guam = 89,
Guatemala = 90,
Guinea = 91,
GuineaBissau = 92,
Guyana = 93,
Haiti = 94,
HeardAndMcDonaldIslands = 95,
Honduras = 96,
HongKong = 97,
Hungary = 98,
Iceland = 99,
India = 100,
Indonesia = 101,
Iran = 102,
Iraq = 103,
Ireland = 104,
Israel = 105,
Italy = 106,
Jamaica = 107,
Japan = 108,
Jordan = 109,
Kazakhstan = 110,
Kenya = 111,
Kiribati = 112,
DemocraticRepublicOfKorea = 113,
RepublicOfKorea = 114,
Kuwait = 115,
Kyrgyzstan = 116,
Lao = 117,
Latvia = 118,
Lebanon = 119,
Lesotho = 120,
Liberia = 121,
LibyanArabJamahiriya = 122,
Liechtenstein = 123,
Lithuania = 124,
Luxembourg = 125,
Macau = 126,
Macedonia = 127,
Madagascar = 128,
Malawi = 129,
Malaysia = 130,
Maldives = 131,
Mali = 132,
Malta = 133,
MarshallIslands = 134,
Martinique = 135,
Mauritania = 136,
Mauritius = 137,
Mayotte = 138,
Mexico = 139,
```

```
Micronesia = 140,
Moldova = 141,
Monaco = 142,
Mongolia = 143,
Montserrat = 144,
Morocco = 145,
Mozambique = 146,
Myanmar = 147,
Namibia = 148,
NauruCountry = 149,
Nepal = 150,
Netherlands = 151,
NetherlandsAntilles = 152,
NewCaledonia = 153,
NewZealand = 154,
Nicaragua = 155,
Niger = 156,
Nigeria = 157,
Niue = 158,
NorfolkIsland = 159,
NorthernMarianaIslands = 160,
Norway = 161,
Oman = 162,
Pakistan = 163,
Palau = 164,
PalestinianTerritory = 165,
Panama = 166,
PapuaNewGuinea = 167,
Paraguay = 168,
Peru = 169,
Philippines = 170,
Pitcairn = 171,
Poland = 172,
Portugal = 173,
PuertoRico = 174,
Qatar = 175,
Reunion = 176,
Romania = 177,
RussianFederation = 178,
Rwanda = 179,
SaintKittsAndNevis = 180,
StLucia = 181,
StVincentAndTheGrenadines = 182,
Samoa = 183,
SanMarino = 184,
SaoTomeAndPrincipe = 185,
SaudiArabia = 186,
Senegal = 187,
Seychelles = 188,
SierraLeone = 189,
Singapore = 190,
Slovakia = 191,
Slovenia = 192,
SolomonIslands = 193,
Somalia = 194,
SouthAfrica = 195,
SouthGeorgiaAndTheSouthSandwichIslands = 196,
Spain = 197,
SriLanka = 198,
StHelena = 199,
StPierreAndMiquelon = 200,
Sudan = 201,
Suriname = 202,
SvalbardAndJanMayenIslands = 203,
Swaziland = 204,
Sweden = 205,
```

© 2008 Linux Foundation

```
    Switzerland = 206,
    SyrianArabRepublic = 207,
    Taiwan = 208,
    Tajikistan = 209,
    Tanzania = 210,
    Thailand = 211,
    Togo = 212,
    Tokelau = 213,
    TongaCountry = 214,
    TrinidadAndTobago = 215,
    Tunisia = 216,
    Turkey = 217,
    Turkmenistan = 218,
    TurksAndCaicosIslands = 219,
    Tuvalu = 220,
    Uganda = 221,
    Ukraine = 222,
    UnitedArabEmirates = 223,
    UnitedKingdom = 224,
    UnitedStates = 225,
    UnitedStatesMinorOutlyingIslands = 226,
    Uruguay = 227,
    Uzbekistan = 228,
    Vanuatu = 229,
    VaticanCityState = 230,
    Venezuela = 231,
    VietNam = 232,
    BritishVirginIslands = 233,
    USVirginIslands = 234,
    WallisAndFutunaIslands = 235,
    WesternSahara = 236,
    Yemen = 237,
    Yugoslavia = 238,
    Zambia = 239,
    Zimbabwe = 240,
    SerbiaAndMontenegro = 241,
    LastCountry = 241
};
enum _ZN7QLocale10FormatTypeE {
    LongFormat = 0,
    ShortFormat = 1
};
```

17.3.31 QtCore/qmap.h

```
class QMap < int, QVariant >;
class QMap < QString, QVariant >;
struct QMapData;
struct QMapData::Node;
```

17.3.32 QtCore/qmetaobject.h

```
class QMetaMethod;
enum _ZN11QMetaMethod6AccessE {
    Private = 0,
    Protected = 1,
    Public = 2
};
enum _ZN11QMetaMethod10MethodTypeE {
    Method = 0,
    Signal = 1,
    Slot = 2
};
```

```
enum _ZN11QMetaMethod10AttributesE {
    Compatibility = 1,
    Cloned = 2,
    Scriptable = 4
};
class QMetaEnum;
class QMetaProperty;
class QMetaClassInfo;
```

17.3.33 QtCore/qmetatype.h

```
class QMetaType;
enum _ZN9QMetaType4TypeE {
    Void = 0,
    Bool = 1,
    Int = 2,
    UInt = 3,
    Double = 6,
    QChar = 7,
    QString = 10,
    QByteArray = 12,
    VoidStar = 128,
    Long = 129,
    Short = 130,
    Char = 131,
    ULong = 132,
    UShort = 133,
    UChar = 134,
    Float = 135,
    QObjectStar = 136,
    QWidgetStar = 137,
    User = 256
};
typedef void QMetaType::Destructor;
typedef void QMetaType::Constructor;
typedef void QMetaType::SaveOperator;
typedef void QMetaType::LoadOperator;
```

17.3.34 QtCore/qmimedata.h

```
class QMimeData;
```

17.3.35 QtCore/qmutex.h

```
class QMutex;
enum _ZN6QMutex13RecursionModeE {
    NonRecursive = 0,
    Recursive = 1
};
class QMutexLocker;
```

17.3.36 QtCore/qnamespace.h

```
enum _ZN2Qt11GlobalColorE {
    color0 = 0,
    color1 = 1,
    black = 2,
    white = 3,
    darkGray = 4,
```

© 2008 Linux Foundation

```
    gray = 5,
    lightGray = 6,
    red = 7,
    green = 8,
    blue = 9,
    cyan = 10,
    magenta = 11,
    yellow = 12,
    darkRed = 13,
    darkGreen = 14,
    darkBlue = 15,
    darkCyan = 16,
    darkMagenta = 17,
    darkYellow = 18,
    transparent = 19
};
enum _ZN2Qt16KeyboardModifierE {
    KeyboardModifierMask = -33554432,
    NoModifier = 0,
    ShiftModifier = 33554432,
    ControlModifier = 67108864,
    AltModifier = 134217728,
    MetaModifier = 268435456,
    KeypadModifier = 536870912
};
typedef     class     QFlags     <     Qt::KeyboardModifier     >
Qt::KeyboardModifiers;
enum _ZN2Qt8ModifierE {
    MODIFIER_MASK = -33554432,
    UNICODE_ACCEL = 0,
    SHIFT = 33554432,
    CTRL = 67108864,
    ALT = 134217728,
    META = 268435456
};
enum _ZN2Qt11MouseButtonE {
    NoButton = 0,
    LeftButton = 1,
    RightButton = 2,
    MidButton = 4,
    XButton1 = 8,
    XButton2 = 16,
    MouseButtonMask = 255
};
class QFlags < Qt::MouseButton >;
typedef class QFlags < Qt::MouseButton > Qt::MouseButtons;
enum _ZN2Qt16ButtonState_enumE {
    KeyButtonMask = -33554432,
    ShiftButton = 33554432,
    ControlButton = 67108864,
    AltButton = 134217728,
    MetaButton = 268435456,
    Keypad = 536870912
};
typedef int Qt::ButtonState;
enum _ZN2Qt11OrientationE {
    Horizontal = 1,
    Vertical = 2
};
class QFlags < Qt::Orientation >;
typedef class QFlags < Qt::Orientation > Qt::Orientations;
enum _ZN2Qt11FocusPolicyE {
    NoFocus = 0,
    TabFocus = 1,
    ClickFocus = 2,
    StrongFocus = 11,
```

```
    WheelFocus = 15
};
enum _ZN2Qt9SortOrderE {
    AscendingOrder = 0,
    Ascending = 0,
    DescendingOrder = 1,
    Descending = 1
};
enum _ZN2Qt13AlignmentFlagE {
    AlignLeft = 1,
    AlignAuto = 1,
    AlignLeading = 1,
    AlignRight = 2,
    AlignTrailing = 2,
    AlignHCenter = 4,
    AlignJustify = 8,
    AlignAbsolute = 16,
    AlignHorizontal_Mask = 31,
    AlignTop = 32,
    AlignBottom = 64,
    AlignVCenter = 128,
    AlignCenter = 132,
    AlignVertical_Mask = 224
};
class QFlags < Qt::AlignmentFlag >;
typedef class QFlags < Qt::AlignmentFlag > Qt::Alignment;
enum _ZN2Qt8TextFlagE {
    TextSingleLine = 256,
    SingleLine = 256,
    DontClip = 512,
    TextDontClip = 512,
    ExpandTabs = 1024,
    TextExpandTabs = 1024,
    ShowPrefix = 2048,
    TextShowMnemonic = 2048,
    TextWordWrap = 4096,
    WordBreak = 4096,
    BreakAnywhere = 8192,
    TextWrapAnywhere = 8192,
    DontPrint = 16384,
    TextDontPrint = 16384,
    TextHideMnemonic = 32768,
    NoAccel = 32768,
    TextIncludeTrailingSpaces = 134217728,
    IncludeTrailingSpaces = 134217728
};
typedef enum _ZN2Qt8TextFlagE {
    TextSingleLine = 256,
    SingleLine = 256,
    DontClip = 512,
    TextDontClip = 512,
    ExpandTabs = 1024,
    TextExpandTabs = 1024,
    ShowPrefix = 2048,
    TextShowMnemonic = 2048,
    TextWordWrap = 4096,
    WordBreak = 4096,
    BreakAnywhere = 8192,
    TextWrapAnywhere = 8192,
    DontPrint = 16384,
    TextDontPrint = 16384,
    TextHideMnemonic = 32768,
    NoAccel = 32768,
    TextIncludeTrailingSpaces = 134217728,
    IncludeTrailingSpaces = 134217728
} Qt::TextFlags;
```

```
enum _ZN2Qt13TextElideModeE {
    ElideLeft = 0,
    ElideRight = 1,
    ElideMiddle = 2
};
enum _ZN2Qt10WindowTypeE {
    Widget = 0,
    WStyle_Customize = 0,
    WStyle_NormalBorder = 0,
    WPaintDesktop = 0,
    WPaintClever = 0,
    WRepaintNoErase = 0,
    WResizeNoErase = 0,
    WMacNoSheet = 0,
    WNoAutoErase = 0,
    WType_TopLevel = 1,
    Window = 1,
    Dialog = 3,
    WType_Dialog = 3,
    WStyle_Dialog = 3,
    WMacSheet = 5,
    Sheet = 5,
    WMacDrawer = 7,
    Drawer = 7,
    Popup = 9,
    WType_Popup = 9,
    WStyle_Tool = 11,
    Tool = 11,
    ToolTip = 13,
    SplashScreen = 15,
    WStyle_Splash = 15,
    Desktop = 17,
    WType_Desktop = 17,
    SubWindow = 18,
    WType_Mask = 255,
    WindowType_Mask = 255,
    WStyle_DialogBorder = 256,
    MSWindowsFixedSizeDialogHint = 256,
    MSWindowsOwnDC = 512,
    WWinOwnDC = 512,
    X11BypassWindowManagerHint = 1024,
    WX11BypassWM = 1024,
    FramelessWindowHint = 2048,
    WStyle_NoBorder = 2048,
    WStyle_NoBorderEx = 2048,
    WStyle_Title = 4096,
    WindowTitleHint = 4096,
    WindowSystemMenuHint = 8192,
    WStyle_SysMenu = 8192,
    WStyle_Minimize = 16384,
    WindowMinimizeButtonHint = 16384,
    WStyle_Maximize = 32768,
    WindowMaximizeButtonHint = 32768,
    WStyle_MinMax = 49152,
    WindowMinMaxButtonsHint = 49152,
    WStyle_ContextHelp = 65536,
    WindowContextHelpButtonHint = 65536,
    WindowShadeButtonHint = 131072,
    WStyle_StaysOnTop = 262144,
    WindowStaysOnTopHint = 262144,
    WMouseNoMask = 524288,
    WDestructiveClose = 1048576,
    WNorthWestGravity = 2097152,
    WStaticContents = 2097152,
    WGroupLeader = 4194304,
    WShowModal = 8388608,
```

```
    WType_Modal = 8388611,
    WNoMousePropagation = 16777216
};
class QFlags < Qt::WindowType >;
typedef class QFlags < Qt::WindowType > Qt::WindowFlags;
enum _ZN2Qt11WindowStateE {
    WindowNoState = 0,
    WindowMinimized = 1,
    WindowMaximized = 2,
    WindowFullScreen = 4,
    WindowActive = 8
};
class QFlags < Qt::WindowState >;
typedef class QFlags < Qt::WindowState > Qt::WindowStates;
enum _ZN2Qt15WidgetAttributeE {
    WA_Disabled = 0,
    WA_UnderMouse = 1,
    WA_MouseTracking = 2,
    WA_ContentsPropagated = 3,
    WA_OpaquePaintEvent = 4,
    WA_NoBackground = 4,
    WA_StaticContents = 5,
    WA_LaidOut = 7,
    WA_PaintOnScreen = 8,
    WA_NoSystemBackground = 9,
    WA_UpdatesDisabled = 10,
    WA_Mapped = 11,
    WA_MacNoClickThrough = 12,
    WA_PaintOutsidePaintEvent = 13,
    WA_InputMethodEnabled = 14,
    WA_WState_Visible = 15,
    WA_WState_Hidden = 16,
    WA_ForceDisabled = 32,
    WA_KeyCompression = 33,
    WA_PendingMoveEvent = 34,
    WA_PendingResizeEvent = 35,
    WA_SetPalette = 36,
    WA_SetFont = 37,
    WA_SetCursor = 38,
    WA_NoChildEventsFromChildren = 39,
    WA_WindowModified = 41,
    WA_Resized = 42,
    WA_Moved = 43,
    WA_PendingUpdate = 44,
    WA_InvalidSize = 45,
    WA_MacMetalStyle = 46,
    WA_CustomWhatsThis = 47,
    WA_LayoutOnEntireRect = 48,
    WA_OutsideWSRange = 49,
    WA_GrabbedShortcut = 50,
    WA_TransparentForMouseEvents = 51,
    WA_PaintUnclipped = 52,
    WA_SetWindowIcon = 53,
    WA_NoMouseReplay = 54,
    WA_DeleteOnClose = 55,
    WA_RightToLeft = 56,
    WA_SetLayoutDirection = 57,
    WA_NoChildEventsForParent = 58,
    WA_ForceUpdatesDisabled = 59,
    WA_WState_Created = 60,
    WA_WState_CompressKeys = 61,
    WA_WState_InPaintEvent = 62,
    WA_WState_Reparented = 63,
    WA_WState_ConfigPending = 64,
    WA_WState_Polished = 66,
    WA_WState_DND = 67,
```

```
    WA_WState_OwnSizePolicy = 68,
    WA_WState_ExplicitShowHide = 69,
    WA_ShowModal = 70,
    WA_MouseNoMask = 71,
    WA_GroupLeader = 72,
    WA_NoMousePropagation = 73,
    WA_Hover = 74,
    WA_InputMethodTransparent = 75,
    WA_QuitOnClose = 76,
    WA_KeyboardFocusChange = 77,
    WA_AcceptDrops = 78,
    WA_DropSiteRegistered = 79,
    WA_ForceAcceptDrops = 79,
    WA_WindowPropagation = 80,
    WA_NoX11EventCompression = 81,
    WA_TintedBackground = 82,
    WA_AttributeCount = 83
};
enum _ZN2Qt19ImageConversionFlagE {
    AutoColor = 0,
    AutoDither = 0,
    ThresholdAlphaDither = 0,
    DiffuseDither = 0,
    MonoOnly = 2,
    ColorMode_Mask = 3,
    ColorOnly = 3,
    OrderedAlphaDither = 4,
    DiffuseAlphaDither = 8,
    NoAlpha = 12,
    AlphaDither_Mask = 12,
    OrderedDither = 16,
    ThresholdDither = 32,
    Dither_Mask = 48,
    PreferDither = 64,
    AvoidDither = 128,
    DitherMode_Mask = 192
};
typedef    class    QFlags    <    Qt::ImageConversionFlag    >
Qt::ImageConversionFlags;
enum _ZN2Qt6BGModeE {
    TransparentMode = 0,
    OpaqueMode = 1
};
enum _ZN2Qt9PaintUnitE {
    PixelUnit = 0,
    LoMetricUnit = 1,
    HiMetricUnit = 2,
    LoEnglishUnit = 3,
    HiEnglishUnit = 4,
    TwipsUnit = 5
};
enum _ZN2Qt8GUIStyleE {
    MacStyle = 0,
    WindowsStyle = 1,
    Win3Style = 2,
    PMStyle = 3,
    MotifStyle = 4
};
enum _ZN2Qt3KeyE {
    Key_Space = 32,
    Key_Any = 32,
    Key_Exclam = 33,
    Key_QuoteDbl = 34,
    Key_NumberSign = 35,
    Key_Dollar = 36,
    Key_Percent = 37,
```

```
Key_Ampersand = 38,
Key_Apostrophe = 39,
Key_ParenLeft = 40,
Key_ParenRight = 41,
Key_Asterisk = 42,
Key_Plus = 43,
Key_Comma = 44,
Key_Minus = 45,
Key_Period = 46,
Key_Slash = 47,
Key_0 = 48,
Key_1 = 49,
Key_2 = 50,
Key_3 = 51,
Key_4 = 52,
Key_5 = 53,
Key_6 = 54,
Key_7 = 55,
Key_8 = 56,
Key_9 = 57,
Key_Colon = 58,
Key_Semicolon = 59,
Key_Less = 60,
Key_Equal = 61,
Key_Greater = 62,
Key_Question = 63,
Key_At = 64,
Key_A = 65,
Key_B = 66,
Key_C = 67,
Key_D = 68,
Key_E = 69,
Key_F = 70,
Key_G = 71,
Key_H = 72,
Key_I = 73,
Key_J = 74,
Key_K = 75,
Key_L = 76,
Key_M = 77,
Key_N = 78,
Key_O = 79,
Key_P = 80,
Key_Q = 81,
Key_R = 82,
Key_S = 83,
Key_T = 84,
Key_U = 85,
Key_V = 86,
Key_W = 87,
Key_X = 88,
Key_Y = 89,
Key_Z = 90,
Key_BracketLeft = 91,
Key_Backslash = 92,
Key_BracketRight = 93,
Key_AsciiCircum = 94,
Key_Underscore = 95,
Key_QuoteLeft = 96,
Key_BraceLeft = 123,
Key_Bar = 124,
Key_BraceRight = 125,
Key_AsciiTilde = 126,
Key_nobreakspace = 160,
Key_exclamdown = 161,
Key_cent = 162,
```

© 2008 Linux Foundation

```
Key_sterling = 163,
Key_currency = 164,
Key_yen = 165,
Key_brokenbar = 166,
Key_section = 167,
Key_diaeresis = 168,
Key_copyright = 169,
Key_ordfeminine = 170,
Key_guillemotleft = 171,
Key_notsign = 172,
Key_hyphen = 173,
Key_registered = 174,
Key_macron = 175,
Key_degree = 176,
Key_plusminus = 177,
Key_twosuperior = 178,
Key_threesuperior = 179,
Key_acute = 180,
Key_mu = 181,
Key_paragraph = 182,
Key_periodcentered = 183,
Key_cedilla = 184,
Key_onesuperior = 185,
Key_masculine = 186,
Key_guillemotright = 187,
Key_onequarter = 188,
Key_onehalf = 189,
Key_threequarters = 190,
Key_questiondown = 191,
Key_agrave = 192,
Key_Agrave = 192,
Key_Aacute = 193,
Key_aacute = 193,
Key_acircumflex = 194,
Key_Acircumflex = 194,
Key_Atilde = 195,
Key_atilde = 195,
Key_Adiaeresis = 196,
Key_adiaeresis = 196,
Key_Aring = 197,
Key_aring = 197,
Key_AE = 198,
Key_ae = 198,
Key_Ccedilla = 199,
Key_ccedilla = 199,
Key_Egrave = 200,
Key_egrave = 200,
Key_eacute = 201,
Key_Eacute = 201,
Key_Ecircumflex = 202,
Key_ecircumflex = 202,
Key_ediaeresis = 203,
Key_Ediaeresis = 203,
Key_Igrave = 204,
Key_igrave = 204,
Key_iacute = 205,
Key_Iacute = 205,
Key_icircumflex = 206,
Key_Icircumflex = 206,
Key_idiaeresis = 207,
Key_Idiaeresis = 207,
Key_eth = 208,
Key_ETH = 208,
Key_ntilde = 209,
Key_Ntilde = 209,
Key_ograve = 210,
```

```
Key_Ograve = 210,
Key_oacute = 211,
Key_Oacute = 211,
Key_ocircumflex = 212,
Key_Ocircumflex = 212,
Key_otilde = 213,
Key_Otilde = 213,
Key_Odiaeresis = 214,
Key_odiaeresis = 214,
Key_multiply = 215,
Key_Ooblique = 216,
Key_oslash = 216,
Key_Ugrave = 217,
Key_ugrave = 217,
Key_Uacute = 218,
Key_uacute = 218,
Key_ucircumflex = 219,
Key_Ucircumflex = 219,
Key_udiaeresis = 220,
Key_Udiaeresis = 220,
Key_yacute = 221,
Key_Yacute = 221,
Key_THORN = 222,
Key_thorn = 222,
Key_ssharp = 223,
Key_division = 247,
Key_ydiaeresis = 255,
Key_Escape = 16777216,
Key_Tab = 16777217,
Key_Backtab = 16777218,
Key_BackTab = 16777218,
Key_Backspace = 16777219,
Key_BackSpace = 16777219,
Key_Return = 16777220,
Key_Enter = 16777221,
Key_Insert = 16777222,
Key_Delete = 16777223,
Key_Pause = 16777224,
Key_Print = 16777225,
Key_SysReq = 16777226,
Key_Clear = 16777227,
Key_Home = 16777232,
Key_End = 16777233,
Key_Left = 16777234,
Key_Up = 16777235,
Key_Right = 16777236,
Key_Down = 16777237,
Key_PageUp = 16777238,
Key_Prior = 16777238,
Key_PageDown = 16777239,
Key_Next = 16777239,
Key_Shift = 16777248,
Key_Control = 16777249,
Key_Meta = 16777250,
Key_Alt = 16777251,
Key_CapsLock = 16777252,
Key_NumLock = 16777253,
Key_ScrollLock = 16777254,
Key_F1 = 16777264,
Key_F2 = 16777265,
Key_F3 = 16777266,
Key_F4 = 16777267,
Key_F5 = 16777268,
Key_F6 = 16777269,
Key_F7 = 16777270,
Key_F8 = 16777271,
```

© 2008 Linux Foundation

```
Key_F9 = 16777272,
Key_F10 = 16777273,
Key_F11 = 16777274,
Key_F12 = 16777275,
Key_F13 = 16777276,
Key_F14 = 16777277,
Key_F15 = 16777278,
Key_F16 = 16777279,
Key_F17 = 16777280,
Key_F18 = 16777281,
Key_F19 = 16777282,
Key_F20 = 16777283,
Key_F21 = 16777284,
Key_F22 = 16777285,
Key_F23 = 16777286,
Key_F24 = 16777287,
Key_F25 = 16777288,
Key_F26 = 16777289,
Key_F27 = 16777290,
Key_F28 = 16777291,
Key_F29 = 16777292,
Key_F30 = 16777293,
Key_F31 = 16777294,
Key_F32 = 16777295,
Key_F33 = 16777296,
Key_F34 = 16777297,
Key_F35 = 16777298,
Key_Super_L = 16777299,
Key_Super_R = 16777300,
Key_Menu = 16777301,
Key_Hyper_L = 16777302,
Key_Hyper_R = 16777303,
Key_Help = 16777304,
Key_Direction_L = 16777305,
Key_Direction_R = 16777312,
Key_Back = 16777313,
Key_Forward = 16777314,
Key_Stop = 16777315,
Key_Refresh = 16777316,
Key_VolumeDown = 16777328,
Key_VolumeMute = 16777329,
Key_VolumeUp = 16777330,
Key_BassBoost = 16777331,
Key_BassUp = 16777332,
Key_BassDown = 16777333,
Key_TrebleUp = 16777334,
Key_TrebleDown = 16777335,
Key_MediaPlay = 16777344,
Key_MediaStop = 16777345,
Key_MediaPrev = 16777346,
Key_MediaPrevious = 16777346,
Key_MediaNext = 16777347,
Key_MediaRecord = 16777348,
Key_HomePage = 16777360,
Key_Favorites = 16777361,
Key_Search = 16777362,
Key_Standby = 16777363,
Key_OpenUrl = 16777364,
Key_LaunchMail = 16777376,
Key_LaunchMedia = 16777377,
Key_Launch0 = 16777378,
Key_Launch1 = 16777379,
Key_Launch2 = 16777380,
Key_Launch3 = 16777381,
Key_Launch4 = 16777382,
Key_Launch5 = 16777383,
```

```
Key_Launch6 = 16777384,
Key_Launch7 = 16777385,
Key_Launch8 = 16777386,
Key_Launch9 = 16777387,
Key_LaunchA = 16777388,
Key_LaunchB = 16777389,
Key_LaunchC = 16777390,
Key_LaunchD = 16777391,
Key_LaunchE = 16777392,
Key_LaunchF = 16777393,
Key_AltGr = 16781571,
Key_Multi_key = 16781600,
Key_Kanji = 16781601,
Key_Muhenkan = 16781602,
Key_Henkan = 16781603,
Key_Romaji = 16781604,
Key_Hiragana = 16781605,
Key_Katakana = 16781606,
Key_Hiragana_Katakana = 16781607,
Key_Zenkaku = 16781608,
Key_Hankaku = 16781609,
Key_Zenkaku_Hankaku = 16781610,
Key_Touroku = 16781611,
Key_Massyo = 16781612,
Key_Kana_Lock = 16781613,
Key_Kana_Shift = 16781614,
Key_Eisu_Shift = 16781615,
Key_Eisu_toggle = 16781616,
Key_Hangul = 16781617,
Key_Hangul_Start = 16781618,
Key_Hangul_End = 16781619,
Key_Hangul_Hanja = 16781620,
Key_Hangul_Jamo = 16781621,
Key_Hangul_Romaja = 16781622,
Key_Codeinput = 16781623,
Key_Hangul_Jeonja = 16781624,
Key_Hangul_Banja = 16781625,
Key_Hangul_PreHanja = 16781626,
Key_Hangul_PostHanja = 16781627,
Key_SingleCandidate = 16781628,
Key_MultipleCandidate = 16781629,
Key_PreviousCandidate = 16781630,
Key_Hangul_Special = 16781631,
Key_Mode_switch = 16781694,
Key_Dead_Grave = 16781904,
Key_Dead_Acute = 16781905,
Key_Dead_Circumflex = 16781906,
Key_Dead_Tilde = 16781907,
Key_Dead_Macron = 16781908,
Key_Dead_Breve = 16781909,
Key_Dead_Abovedot = 16781910,
Key_Dead_Diaeresis = 16781911,
Key_Dead_Abovering = 16781912,
Key_Dead_Doubleacute = 16781913,
Key_Dead_Caron = 16781914,
Key_Dead_Cedilla = 16781915,
Key_Dead_Ogonek = 16781916,
Key_Dead_Iota = 16781917,
Key_Dead_Voiced_Sound = 16781918,
Key_Dead_Semivoiced_Sound = 16781919,
Key_Dead_Belowdot = 16781920,
Key_Dead_Hook = 16781921,
Key_Dead_Horn = 16781922,
Key_MediaLast = 16842751,
Key_Select = 16842752,
Key_Yes = 16842753,
```

© 2008 Linux Foundation

```
    Key_No = 16842754,
    Key_Context1 = 17825792,
    Key_Context2 = 17825793,
    Key_Context3 = 17825794,
    Key_Context4 = 17825795,
    Key_Call = 17825796,
    Key_Hangup = 17825797,
    Key_Flip = 17825798,
    Key_unknown = 33554431
};
enum _ZN2Qt9ArrowTypeE {
    NoArrow = 0,
    UpArrow = 1,
    DownArrow = 2,
    LeftArrow = 3,
    RightArrow = 4
};
enum _ZN2Qt8PenStyleE {
    NoPen = 0,
    SolidLine = 1,
    DashLine = 2,
    DotLine = 3,
    DashDotLine = 4,
    DashDotDotLine = 5,
    CustomDashLine = 6,
    MPenStyle = 15
};
enum _ZN2Qt11PenCapStyleE {
    FlatCap = 0,
    SquareCap = 16,
    RoundCap = 32,
    MPenCapStyle = 48
};
enum _ZN2Qt12PenJoinStyleE {
    MiterJoin = 0,
    BevelJoin = 64,
    RoundJoin = 128,
    MPenJoinStyle = 192
};
enum _ZN2Qt10BrushStyleE {
    NoBrush = 0,
    SolidPattern = 1,
    Dense1Pattern = 2,
    Dense2Pattern = 3,
    Dense3Pattern = 4,
    Dense4Pattern = 5,
    Dense5Pattern = 6,
    Dense6Pattern = 7,
    Dense7Pattern = 8,
    HorPattern = 9,
    VerPattern = 10,
    CrossPattern = 11,
    BDiagPattern = 12,
    FDiagPattern = 13,
    DiagCrossPattern = 14,
    LinearGradientPattern = 15,
    RadialGradientPattern = 16,
    ConicalGradientPattern = 17,
    TexturePattern = 24,
    CustomPattern = 24
};
enum _ZN2Qt8UIEffectE {
    UI_General = 0,
    UI_AnimateMenu = 1,
    UI_FadeMenu = 2,
    UI_AnimateCombo = 3,
```

```
    UI_AnimateTooltip = 4,
    UI_FadeTooltip = 5,
    UI_AnimateToolBox = 6
};
enum _ZN2Qt11CursorShapeE {
    ArrowCursor = 0,
    arrowCursor = 0,
    UpArrowCursor = 1,
    upArrowCursor = 1,
    CrossCursor = 2,
    crossCursor = 2,
    waitCursor = 3,
    WaitCursor = 3,
    ibeamCursor = 4,
    IBeamCursor = 4,
    SizeVerCursor = 5,
    sizeVerCursor = 5,
    sizeHorCursor = 6,
    SizeHorCursor = 6,
    SizeBDiagCursor = 7,
    sizeBDiagCursor = 7,
    sizeFDiagCursor = 8,
    SizeFDiagCursor = 8,
    SizeAllCursor = 9,
    sizeAllCursor = 9,
    BlankCursor = 10,
    blankCursor = 10,
    splitVCursor = 11,
    SplitVCursor = 11,
    splitHCursor = 12,
    SplitHCursor = 12,
    PointingHandCursor = 13,
    pointingHandCursor = 13,
    ForbiddenCursor = 14,
    forbiddenCursor = 14,
    whatsThisCursor = 15,
    WhatsThisCursor = 15,
    BusyCursor = 16,
    LastCursor = 16,
    BitmapCursor = 24
};
enum _ZN2Qt10TextFormatE {
    PlainText = 0,
    RichText = 1,
    AutoText = 2,
    LogText = 3
};
enum _ZN2Qt15AspectRatioModeE {
    IgnoreAspectRatio = 0,
    ScaleFree = 0,
    KeepAspectRatio = 1,
    ScaleMin = 1,
    KeepAspectRatioByExpanding = 2,
    ScaleMax = 2
};
typedef enum _ZN2Qt15AspectRatioModeE {
    IgnoreAspectRatio = 0,
    ScaleFree = 0,
    KeepAspectRatio = 1,
    ScaleMin = 1,
    KeepAspectRatioByExpanding = 2,
    ScaleMax = 2
} Qt::ScaleMode;
enum _ZN2Qt15AnchorAttributeE {
    AnchorName = 0,
    AnchorHref = 1
```

```
};
enum _ZN2Qt14DockWidgetAreaE {
    LeftDockWidgetArea = 1,
    RightDockWidgetArea = 2,
    TopDockWidgetArea = 4,
    BottomDockWidgetArea = 8,
    DockWidgetArea_Mask = 15,
    AllDockWidgetAreas = 15
};
typedef class QFlags < Qt::DockWidgetArea > Qt::DockWidgetAreas;
enum _ZN2Qt11ToolBarAreaE {
    LeftToolBarArea = 1,
    RightToolBarArea = 2,
    TopToolBarArea = 4,
    BottomToolBarArea = 8,
    ToolBarArea_Mask = 15,
    AllToolBarAreas = 15
};
typedef class QFlags < Qt::ToolBarArea > Qt::ToolBarAreas;
enum _ZN2Qt4DockE {
    DockUnmanaged = 0,
    Unmanaged = 0,
    TornOff = 1,
    DockTornOff = 1,
    Top = 2,
    DockTop = 2,
    DockBottom = 3,
    Bottom = 3,
    DockRight = 4,
    Right = 4,
    DockLeft = 5,
    Left = 5,
    DockMinimized = 6,
    Minimized = 6
};
typedef enum _ZN2Qt4DockE {
    DockUnmanaged = 0,
    Unmanaged = 0,
    TornOff = 1,
    DockTornOff = 1,
    Top = 2,
    DockTop = 2,
    DockBottom = 3,
    Bottom = 3,
    DockRight = 4,
    Right = 4,
    DockLeft = 5,
    Left = 5,
    DockMinimized = 6,
    Minimized = 6
} Qt::ToolBarDock;
enum _ZN2Qt10DateFormatE {
    TextDate = 0,
    ISODate = 1,
    LocalDate = 2
};
enum _ZN2Qt8TimeSpecE {
    LocalTime = 0,
    UTC = 1
};
enum _ZN2Qt9DayOfWeekE {
    Monday = 1,
    Tuesday = 2,
    Wednesday = 3,
    Thursday = 4,
    Friday = 5,
```

```
    Saturday = 6,
    Sunday = 7
};
enum _ZN2Qt15ScrollBarPolicyE {
    ScrollBarAsNeeded = 0,
    ScrollBarAlwaysOff = 1,
    ScrollBarAlwaysOn = 2
};
enum _ZN2Qt14BackgroundModeE {
    FixedColor = 0,
    FixedPixmap = 1,
    NoBackground = 2,
    PaletteForeground = 3,
    PaletteButton = 4,
    PaletteLight = 5,
    PaletteMidlight = 6,
    PaletteDark = 7,
    PaletteMid = 8,
    PaletteText = 9,
    PaletteBrightText = 10,
    PaletteBase = 11,
    PaletteBackground = 12,
    PaletteShadow = 13,
    PaletteHighlight = 14,
    PaletteHighlightedText = 15,
    PaletteButtonText = 16,
    PaletteLink = 17,
    PaletteLinkVisited = 18,
    X11ParentRelative = 19
};
enum _ZN2Qt15CaseSensitivityE {
    CaseInsensitive = 0,
    CaseSensitive = 1
};
enum _ZN2Qt6CornerE {
    TopLeftCorner = 0,
    TopLeft = 0,
    TopRightCorner = 1,
    TopRight = 1,
    BottomLeftCorner = 2,
    BottomLeft = 2,
    BottomRightCorner = 3,
    BottomRight = 3
};
enum _ZN2Qt14ConnectionTypeE {
    AutoConnection = 0,
    DirectConnection = 1,
    QueuedConnection = 2,
    AutoCompatConnection = 3
};
enum _ZN2Qt15ShortcutContextE {
    WidgetShortcut = 0,
    WindowShortcut = 1,
    ApplicationShortcut = 2
};
enum _ZN2Qt8FillRuleE {
    OddEvenFill = 0,
    WindingFill = 1
};
enum _ZN2Qt13ClipOperationE {
    NoClip = 0,
    ReplaceClip = 1,
    IntersectClip = 2,
    UniteClip = 3
};
enum _ZN2Qt18TransformationModeE {
```

```
    FastTransformation = 0,
    SmoothTransformation = 1
};
enum _ZN2Qt11FocusReasonE {
    MouseFocusReason = 0,
    TabFocusReason = 1,
    BacktabFocusReason = 2,
    ActiveWindowFocusReason = 3,
    PopupFocusReason = 4,
    ShortcutFocusReason = 5,
    MenuBarFocusReason = 6,
    OtherFocusReason = 7,
    NoFocusReason = 8
};
enum _ZN2Qt17ContextMenuPolicyE {
    NoContextMenu = 0,
    DefaultContextMenu = 1,
    ActionsContextMenu = 2,
    CustomContextMenu = 3
};
enum _ZN2Qt16InputMethodQueryE {
    ImMicroFocus = 0,
    ImFont = 1,
    ImCursorPosition = 2,
    ImSurroundingText = 3,
    ImCurrentSelection = 4
};
enum _ZN2Qt15ToolButtonStyleE {
    ToolButtonIconOnly = 0,
    ToolButtonTextOnly = 1,
    ToolButtonTextBesideIcon = 2,
    ToolButtonTextUnderIcon = 3
};
enum _ZN2Qt15LayoutDirectionE {
    LeftToRight = 0,
    RightToLeft = 1
};
enum _ZN2Qt10DropActionE {
    IgnoreAction = 0,
    CopyAction = 1,
    MoveAction = 2,
    LinkAction = 4,
    ActionMask = 255,
    TargetMoveAction = 32770
};
typedef class QFlags < Qt::DropAction > Qt::DropActions;
enum _ZN2Qt10CheckStateE {
    Unchecked = 0,
    PartiallyChecked = 1,
    Checked = 2
};
enum _ZN2Qt12ItemDataRoleE {
    DisplayRole = 0,
    DecorationRole = 1,
    EditRole = 2,
    ToolTipRole = 3,
    StatusTipRole = 4,
    WhatsThisRole = 5,
    FontRole = 6,
    TextAlignmentRole = 7,
    BackgroundColorRole = 8,
    TextColorRole = 9,
    CheckStateRole = 10,
    AccessibleTextRole = 11,
    AccessibleDescriptionRole = 12,
    SizeHintRole = 13,
```

```
    UserRole = 32
};
enum _ZN2Qt8ItemFlagE {
    ItemIsSelectable = 1,
    ItemIsEditable = 2,
    ItemIsDragEnabled = 4,
    ItemIsDropEnabled = 8,
    ItemIsUserCheckable = 16,
    ItemIsEnabled = 32,
    ItemIsTristate = 64
};
class QFlags < Qt::ItemFlag >;
typedef class QFlags < Qt::ItemFlag > Qt::ItemFlags;
enum _ZN2Qt9MatchFlagE {
    MatchExactly = 0,
    MatchContains = 1,
    MatchStartsWith = 2,
    MatchEndsWith = 3,
    MatchRegExp = 4,
    MatchWildcard = 5,
    MatchCaseSensitive = 16,
    MatchWrap = 32,
    MatchRecursive = 64
};
typedef class QFlags < Qt::MatchFlag > Qt::MatchFlags;
typedef unsigned long int Qt::HANDLE;
typedef Qt::WindowFlags Qt::WFlags;
enum _ZN2Qt14WindowModalityE {
    NonModal = 0,
    WindowModal = 1,
    ApplicationModal = 2
};
class QInternal;
enum _ZN9QInternal16PaintDeviceFlagsE {
    UnknownDevice = 0,
    Widget = 1,
    Pixmap = 2,
    Image = 3,
    Printer = 4,
    Picture = 5,
    Pbuffer = 6
};
enum _ZN9QInternal12RelayoutTypeE {
    RelayoutNormal = 0,
    RelayoutDragging = 1,
    RelayoutDropped = 2
};
typedef qint32 QCOORD;
```

17.3.37 QtCore/qobject.h

```
typedef class QList < QObject * >QObjectList;
class QObjectData;
class QObject;
class QObjectUserData;
```

17.3.38 QtCore/qobjectcleanuphandler.h

```
class QObjectCleanupHandler;
```

© 2008 Linux Foundation

17.3.39 QtCore/qobjectdefs.h

```
class QGenericArgument;
class QGenericReturnArgument;
struct QMetaObject;
enum _ZN11QMetaObject4CallE {
    InvokeMetaMethod = 0,
    ReadProperty = 1,
    WriteProperty = 2,
    ResetProperty = 3,
    QueryPropertyDesignable = 4,
    QueryPropertyScriptable = 5,
    QueryPropertyStored = 6,
    QueryPropertyEditable = 7,
    QueryPropertyUser = 8
};
```

17.3.40 QtCore/qpair.h

```
struct QPair <int, int >;
```

17.3.41 QtCore/qplugin.h

```
typedef class QObjectQtPluginInstanceFunction;
```

17.3.42 QtCore/qpluginloader.h

```
class QPluginLoader;
```

17.3.43 QtCore/qpoint.h

```
class QPoint;
class QPointF;
```

17.3.44 QtCore/qprocess.h

```
typedef qint64 Q_PID;
class QProcess;
enum _ZN8QProcess12ProcessErrorE {
    FailedToStart = 0,
    Crashed = 1,
    Timedout = 2,
    ReadError = 3,
    WriteError = 4,
    UnknownError = 5
};
enum _ZN8QProcess12ProcessStateE {
    NotRunning = 0,
    Starting = 1,
    Running = 2
};
enum _ZN8QProcess14ProcessChannelE {
    StandardOutput = 0,
    StandardError = 1
};
enum _ZN8QProcess18ProcessChannelModeE {
```

```
    SeparateChannels = 0,
    MergedChannels = 1,
    ForwardedChannels = 2
};
enum _ZN8QProcess10ExitStatusE {
    NormalExit = 0,
    CrashExit = 1
};
```

17.3.45 QtCore/qreadwritelock.h

```
typedef enum QtValidLicenseForCoreModule QtCoreModule;
class QReadWriteLock;
class QReadLocker;
class QWriteLocker;
```

17.3.46 QtCore/qrect.h

```
class QRect;
class QRectF;
```

17.3.47 QtCore/qregexp.h

```
class QRegExp;
enum _ZN7QRegExp13PatternSyntaxE {
    RegExp = 0,
    Wildcard = 1,
    FixedString = 2
};
enum _ZN7QRegExp9CaretModeE {
    CaretAtZero = 0,
    CaretAtOffset = 1,
    CaretWontMatch = 2
};
```

17.3.48 QtCore/qsemaphore.h

```
class QSemaphore;
```

17.3.49 QtCore/qsettings.h

```
class QSettings;
enum _ZN9QSettings6StatusE {
    NoError = 0,
    AccessError = 1,
    FormatError = 2
};
enum _ZN9QSettings6FormatE {
    NativeFormat = 0,
    IniFormat = 1,
    InvalidFormat = 16,
    CustomFormat1 = 17,
    CustomFormat2 = 18,
    CustomFormat3 = 19,
    CustomFormat4 = 20,
    CustomFormat5 = 21,
    CustomFormat6 = 22,
    CustomFormat7 = 23,
```

```
    CustomFormat8 = 24,
    CustomFormat9 = 25,
    CustomFormat10 = 26,
    CustomFormat11 = 27,
    CustomFormat12 = 28,
    CustomFormat13 = 29,
    CustomFormat14 = 30,
    CustomFormat15 = 31,
    CustomFormat16 = 32
};
enum _ZN9QSettings5ScopeE {
    UserScope = 0,
    User = 0,
    SystemScope = 1,
    Global = 1
};
typedef class QMap < QString, QVariant > QSettings::SettingsMap;
typedef bool QSettings::ReadFunc;
typedef bool QSettings::WriteFunc;
enum _ZN9QSettings6SystemE {
    Unix = 0,
    Windows = 1,
    Mac = 2
};
```

17.3.50 QtCore/qshareddata.h

```
class QSharedData;
```

17.3.51 QtCore/qsignalmapper.h

```
class QSignalMapper;
```

17.3.52 QtCore/qsize.h

```
class QSize;
class QSizeF;
```

17.3.53 QtCore/qsocketnotifier.h

```
class QSocketNotifier;
enum _ZN15QSocketNotifier4TypeE {
    Read = 0,
    Write = 1,
    Exception = 2
};
```

17.3.54 QtCore/qstring.h

```
class QString;
enum _ZN7QString11SectionFlagE {
    SectionDefault = 0,
    SectionSkipEmpty = 1,
    SectionIncludeLeadingSep = 2,
    SectionIncludeTrailingSep = 4,
    SectionCaseInsensitiveSeps = 8
};
class QFlags < QString::SectionFlag >;
```

```
typedef     class     QFlags     <     QString::SectionFlag     >
QString::SectionFlags;
enum _ZN7QString13SplitBehaviorE {
    KeepEmptyParts = 0,
    SkipEmptyParts = 1
};
enum _ZN7QString17NormalizationFormE {
    NormalizationForm_D = 0,
    NormalizationForm_C = 1,
    NormalizationForm_KD = 2,
    NormalizationForm_KC = 3
};
typedef class QCharQString::iterator;
typedef class QCharQString::const_iterator;
typedef QString::iterator QString::Iterator;
typedef QString::const_iterator QString::ConstIterator;
struct QString::Null;
struct QString::Data;
class QLatin1String;
class QCharRef;
class QConstString;
```

17.3.55 QtCore/qstringlist.h

```
class QStringList;
```

17.3.56 QtCore/qstringmatcher.h

```
class QStringMatcher;
```

17.3.57 QtCore/qtemporaryfile.h

```
class QTemporaryFile;
```

17.3.58 QtCore/qtextcodec.h

```
class QTextCodec;
enum _ZN10QTextCodec14ConversionFlagE {
    ConvertInvalidToNull = -2147483648,
    DefaultConversion = 0,
    IgnoreHeader = 1
};
class QFlags < QTextCodec::ConversionFlag >;
typedef class QFlags < QTextCodec::ConversionFlag >
    QTextCodec::ConversionFlags;
struct QTextCodec::ConverterState;
class QTextEncoder;
class QTextDecoder;
```

17.3.59 QtCore/qtextcodecplugin.h

```
struct QTextCodecFactoryInterface;
class QTextCodecPlugin;
```

17.3.60 QtCore/qtextstream.h

```
class QTextStream;
enum _ZN11QTextStream18RealNumberNotationE {
    SmartNotation = 0,
    FixedNotation = 1,
    ScientificNotation = 2
};
enum _ZN11QTextStream14FieldAlignmentE {
    AlignLeft = 0,
    AlignRight = 1,
    AlignCenter = 2,
    AlignAccountingStyle = 3
};
enum _ZN11QTextStream6StatusE {
    Ok = 0,
    ReadPastEnd = 1,
    ReadCorruptData = 2
};
enum _ZN11QTextStream10NumberFlagE {
    ShowBase = 1,
    ForcePoint = 2,
    ForceSign = 4,
    UppercaseBase = 8,
    UppercaseDigits = 16
};
class QFlags < QTextStream::NumberFlag >;
typedef    class    QFlags    <    QTextStream::NumberFlag    >
QTextStream::NumberFlags;
enum _ZN11QTextStream8EncodingE {
    Locale = 0,
    Latin1 = 1,
    Unicode = 2,
    UnicodeNetworkOrder = 3,
    UnicodeReverse = 4,
    RawUnicode = 5,
    UnicodeUTF8 = 6
};
typedef class QTextStreamQTextStreamFunction;
typedef void QTSMFI;
typedef void QTSMFC;
class QTextStreamManipulator;
typedef class QTextStreamQTS;
class QTextIStream;
class QTextOStream;
```

17.3.61 QtCore/qthread.h

```
class QThread;
enum _ZN7QThread8PriorityE {
    IdlePriority = 0,
    LowestPriority = 1,
    LowPriority = 2,
    NormalPriority = 3,
    HighPriority = 4,
    HighestPriority = 5,
    TimeCriticalPriority = 6,
    InheritPriority = 7
};
```

17.3.62 QtCore/qthreadstorage.h

```
class QThreadStorageData;
```

17.3.63 QtCore/qtimer.h

```
class QTimer;
```

17.3.64 QtCore/qtranslator.h

```
class QTranslator;
```

17.3.65 QtCore/qurl.h

```
class QUrl;
enum _ZN4QUrl11ParsingModeE {
    TolerantMode = 0,
    StrictMode = 1
};
enum _ZN4QUrl16FormattingOptionE {
    None = 0,
    RemoveScheme = 1,
    RemovePassword = 2,
    RemoveUserInfo = 6,
    RemovePort = 8,
    RemoveAuthority = 30,
    RemovePath = 32,
    RemoveQuery = 64,
    RemoveFragment = 128,
    StripTrailingSlash = 65536
};
class QFlags < QUrl::FormattingOption >;
typedef     class     QFlags     <     QUrl::FormattingOption     >
QUrl::FormattingOptions;
```

17.3.66 QtCore/quuid.h

```
struct QUuid;
enum _ZN5QUuid7VariantE {
    VarUnknown = -1,
    NCS = 0,
    DCE = 2,
    Microsoft = 6,
    Reserved = 7
};
enum _ZN5QUuid7VersionE {
    VerUnknown = -1,
    Time = 1,
    EmbeddedPOSIX = 2,
    Name = 3,
    Random = 4
};
```

17.3.67 QtCore/qvariant.h

```
class QVariant;
enum _ZN8QVariant4TypeE {
    LastType = -1,
    Invalid = 0,
    Bool = 1,
    Int = 2,
    UInt = 3,
```

```
    LongLong = 4,
    ULongLong = 5,
    Double = 6,
    Char = 7,
    Map = 8,
    List = 9,
    String = 10,
    StringList = 11,
    ByteArray = 12,
    CString = 12,
    BitArray = 13,
    Date = 14,
    Time = 15,
    DateTime = 16,
    Url = 17,
    Locale = 18,
    Rect = 19,
    RectF = 20,
    Size = 21,
    SizeF = 22,
    Line = 23,
    LineF = 24,
    Point = 25,
    PointF = 26,
    RegExp = 27,
    ColorGroup = 63,
    Font = 64,
    Pixmap = 65,
    Brush = 66,
    Color = 67,
    Palette = 68,
    IconSet = 69,
    Icon = 69,
    Image = 70,
    Polygon = 71,
    PointArray = 71,
    Region = 72,
    Bitmap = 73,
    Cursor = 74,
    SizePolicy = 75,
    KeySequence = 76,
    Pen = 77,
    TextLength = 78,
    TextFormat = 79,
    UserType = 127
};
struct QVariant::PrivateShared;
struct QVariant::Private;
union _ZN8QVariant7Private4DataE;
typedef void QVariant::f_construct;
typedef void QVariant::f_clear;
typedef bool QVariant::f_null;
typedef void QVariant::f_load;
typedef void QVariant::f_save;
typedef bool QVariant::f_compare;
typedef bool QVariant::f_convert;
typedef bool QVariant::f_canConvert;
typedef void QVariant::f_debugStream;
struct QVariant::Handler;
typedef class QList < QVariant > QVariantList;
typedef class QMap < QString, QVariant > QVariantMap;
class QVariantComparisonHelper;
```

17.3.68 QtCore/qvector.h

```
class QVector < QVariant >;
struct QVectorData;
```

17.3.69 QtCore/qwaitcondition.h

```
class QWaitCondition;
```

17.4 Interfaces for libQtGui

Table 17-96 defines the library name and shared object name for the libQtGui library

Table 17-96 libQtGui Definition

Library:	libQtGui
SONAME:	libQtGui.so.4

The behavior of the interfaces in this library is specified by the following specifications:

[CXXABI] Itanium™ C++ ABI
[QtGui] QtGui 4.2.0
[QtXml] QtXml 4.2.0

17.4.1 Qt4 GUI Functions

17.4.1.1 Interfaces for Qt4 GUI Functions

An LSB conforming implementation shall provide the generic functions for Qt4 GUI Functions specified in Table 17-97, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-97 libQtGui - Qt4 GUI Functions Function Interfaces

_Z10qDrawArrowP8QPainterN2Qt9ArrowTypeENS1_8GUIStyleEbiiiiRK8QPaletteb [QtGui]	_Z13qDrawWinPanelP8QPainterRK5QRectRK8QPalettebPK6QBrush [QtGui]
_Z6bitBltP12QPaintDeviceRK6QPointPKS_RK5QRectb [QtGui]	_Z6bitBltP12QPaintDeviceiiPK6QImageiiiii [QtGui]
_Z6bitBltP12QPaintDeviceiiPKS_iiiib [QtGui]	_Z6bitBltP6QImageiiPKS_iiii6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]
_Z7copyBltP7QPixmapiiPKS_iiii [QtGui]	_Z9qDrawItemP8QPainterN2Qt8GUIStyleEiiiiiRK8QPalettebPK7QPixmapRK7QStringiPK6QColor [QtGui]
_Z9qItemRectP8QPainterN2Qt8GUIStyleEiiiiibPK7QPixmapRK7QStringi [QtGui]	_ZN10QTextBlock8iteratormmEv [QtGui]
_ZN10QTextBlock8iteratorppEv [QtGui]	_ZN10QTextFrame8iteratoraSERKS0_ [QtGui]
_ZN10QTextFrame8iteratormmEv	_ZN10QTextFrame8iteratorppEv

[QtGui]	[QtGui]
_ZN20QStyleOptionSizeGripC1Ei [QtXml]	_ZN20QStyleOptionSizeGripC1Ev [QtXml]
_ZN20QStyleOptionSizeGripC2Ei [QtXml]	_ZN20QStyleOptionSizeGripC2Ev [QtXml]
_ZN2Qt12codecForHtmlERK10QByteArray [QtGui]	_ZN2Qt15mightBeRichTextERK7QString [QtGui]
_ZN2Qt20convertFromPlainTextERK7QStringNS_14WhiteSpaceModeE [QtGui]	_ZN2Qt6escapeERK7QString [QtGui]
_ZNK10QTextBlock8iterator8fragmentEv [QtGui]	_ZNK10QTextFrame8iterator12currentBlockEv [QtGui]
_ZNK10QTextFrame8iterator12currentFrameEv [QtGui]	

An LSB conforming implementation shall provide the generic data interfaces for Qt4 GUI Functions specified in Table 17-98, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-98 libQtGui - Qt4 GUI Functions Data Interfaces

_ZN10QBoxLayout16staticMetaObjectE [QtGui]	_ZN10QClipboard16staticMetaObjectE [QtGui]
_ZN10QCompleter16staticMetaObjectE [QtXml]	_ZN10QLCDNumber16staticMetaObjectE [QtGui]
_ZN10QScrollBar16staticMetaObjectE [QtGui]	_ZN10QStatusBar16staticMetaObjectE [QtGui]
_ZN10QTabWidget16staticMetaObjectE [QtGui]	_ZN10QTableView16staticMetaObjectE [QtGui]
_ZN10QTextFrame16staticMetaObjectE [QtGui]	_ZN10QTextTable16staticMetaObjectE [QtGui]
_ZN10QUndoGroup16staticMetaObjectE [QtXml]	_ZN10QUndoStack16staticMetaObjectE [QtXml]
_ZN10QValidator16staticMetaObjectE [QtGui]	_ZN10QWorkspace16staticMetaObjectE [QtGui]
_ZN11QDockWidget16staticMetaObjectE [QtGui]	_ZN11QFileDialog16staticMetaObjectE [QtGui]
_ZN11QFocusFrame16staticMetaObjectE [QtGui]	_ZN11QFontDialog16staticMetaObjectE [QtGui]
_ZN11QGridLayout16staticMetaObjectE [QtGui]	_ZN11QHBoxLayout16staticMetaObjectE [QtGui]
_ZN11QHeaderView16staticMetaObjectE [QtGui]	_ZN11QListWidget16staticMetaObjectE [QtGui]
_ZN11QMainWindow16staticMetaObjectE [QtGui]	_ZN11QMessageBox16staticMetaObjectE [QtGui]
_ZN11QMotifStyle16staticMetaObjectE [QtGui]	_ZN11QProxyModel16staticMetaObjectE [QtGui]

_ZN11QPushButton16staticMetaObjectE [QtGui]	_ZN11QRubberBand16staticMetaObjectE [QtGui]
_ZN11QScrollArea16staticMetaObjectE [QtGui]	_ZN11QSizePolicy16staticMetaObjectE [QtGui]
_ZN11QTextFormat16staticMetaObjectE [QtGui]	_ZN11QTextObject16staticMetaObjectE [QtGui]
_ZN11QToolButton16staticMetaObjectE [QtGui]	_ZN11QTreeWidget16staticMetaObjectE [QtGui]
_ZN11QVBoxLayout16staticMetaObjectE [QtGui]	_ZN12QActionGroup16staticMetaObjectE [QtGui]
_ZN12QApplication16staticMetaObjectE [QtGui]	_ZN12QButtonGroup16staticMetaObjectE [QtGui]
_ZN12QColorDialog16staticMetaObjectE [QtGui]	_ZN12QCommonStyle16staticMetaObjectE [QtGui]
_ZN12QInputDialog16staticMetaObjectE [QtGui]	_ZN12QPrintDialog16staticMetaObjectE [QtGui]
_ZN12QProgressBar16staticMetaObjectE [QtGui]	_ZN12QRadioButton16staticMetaObjectE [QtGui]
_ZN12QStylePlugin16staticMetaObjectE [QtGui]	_ZN12QTableWidget16staticMetaObjectE [QtGui]
_ZN12QTextBrowser16staticMetaObjectE [QtGui]	_ZN13QDateTimeEdit16staticMetaObjectE [QtGui]
_ZN13QErrorMessage16staticMetaObjectE [QtGui]	_ZN13QFontComboBox16staticMetaObjectE [QtXml]
_ZN13QFontDatabase16staticMetaObjectE [QtXml]	_ZN13QGraphicsView16staticMetaObjectE [QtXml]
_ZN13QInputContext16staticMetaObjectE [QtGui]	_ZN13QIntValidator16staticMetaObjectE [QtGui]
_ZN13QItemDelegate16staticMetaObjectE [QtGui]	_ZN13QSplashScreen16staticMetaObjectE [QtGui]
_ZN13QTextDocument16staticMetaObjectE [QtGui]	_ZN13QWidgetAction16staticMetaObjectE [QtXml]
_ZN13QWindowsStyle16staticMetaObjectE [QtGui]	_ZN14QDesktopWidget16staticMetaObjectE [QtGui]
_ZN14QDoubleSpinBox16staticMetaObjectE [QtGui]	_ZN14QGraphicsScene16staticMetaObjectE [QtXml]
_ZN14QImageIOPlugin16staticMetaObjectE [QtGui]	_ZN14QStackedLayout16staticMetaObjectE [QtGui]
_ZN14QStackedWidget16staticMetaObjectE [QtGui]	_ZN15QAbstractButton16staticMetaObjectE [QtGui]
_ZN15QAbstractSlider16staticMetaObjectE [QtGui]	_ZN15QCalendarWidget16staticMetaObjectE [QtXml]
_ZN15QPlastiqueStyle16staticMetaObjectE [QtGui]	_ZN15QProgressDialog16staticMetaObjectE [QtGui]
_ZN15QSessionManager16staticMetaObjectE [QtGui]	_ZN15QSplitterHandle16staticMetaObjectE [QtGui]

_ZN15QSystemTrayIcon16staticMetaObjectE [QtXml]	_ZN15QTextBlockGroup16staticMetaObjectE [QtGui]
_ZN16QAbstractSpinBox16staticMetaObjectE [QtGui]	_ZN16QCleanlooksStyle16staticMetaObjectE [QtXml]
_ZN16QDialogButtonBox16staticMetaObjectE [QtXml]	_ZN16QDoubleValidator16staticMetaObjectE [QtGui]
_ZN16QPageSetupDialog16staticMetaObjectE [QtXml]	_ZN16QRegExpValidator16staticMetaObjectE [QtGui]
_ZN16QStringListModel16staticMetaObjectE [QtGui]	_ZN17QAbstractItemView16staticMetaObjectE [QtGui]
_ZN17QAccessiblePlugin16staticMetaObjectE [QtGui]	_ZN17QDataWidgetMapper16staticMetaObjectE [QtXml]
_ZN17QGraphicsTextItem16staticMetaObjectE [QtXml]	_ZN17QIconEnginePlugin16staticMetaObjectE [QtGui]
_ZN18QStandardItemModel16staticMetaObjectE [QtGui]	_ZN18QSyntaxHighlighter16staticMetaObjectE [QtGui]
_ZN19QAbstractProxyModel16staticMetaObjectE [QtGui]	_ZN19QAbstractScrollArea16staticMetaObjectE [QtGui]
_ZN19QInputContextPlugin16staticMetaObjectE [QtGui]	_ZN19QItemSelectionModel16staticMetaObjectE [QtGui]
_ZN20QAbstractPrintDialog16staticMetaObjectE [QtXml]	_ZN20QPictureFormatPlugin16staticMetaObjectE [QtGui]
_ZN21QAbstractItemDelegate16staticMetaObjectE [QtGui]	_ZN21QSortFilterProxyModel16staticMetaObjectE [QtGui]
_ZN22QGraphicsItemAnimation16staticMetaObjectE [QtXml]	_ZN23QAccessibleBridgePlugin16staticMetaObjectE [QtGui]
_ZN24QAbstractPageSetupDialog16staticMetaObjectE [QtXml]	_ZN27QAbstractTextDocumentLayout16staticMetaObjectE [QtGui]
_ZN5QDial16staticMetaObjectE [QtGui]	_ZN5QDrag16staticMetaObjectE [QtGui]
_ZN5QMenu16staticMetaObjectE [QtGui]	_ZN6QFrame16staticMetaObjectE [QtGui]
_ZN6QLabel16staticMetaObjectE [QtGui]	_ZN6QMovie16staticMetaObjectE [QtGui]
_ZN6QSound16staticMetaObjectE [QtGui]	_ZN6QStyle16staticMetaObjectE [QtGui]
_ZN7QAction16staticMetaObjectE [QtGui]	_ZN7QDialog16staticMetaObjectE [QtGui]
_ZN7QLayout16staticMetaObjectE [QtGui]	_ZN7QSlider16staticMetaObjectE [QtGui]
_ZN7QTabBar16staticMetaObjectE [QtGui]	_ZN7QWidget16staticMetaObjectE [QtGui]
_ZN8QMenuBar16staticMetaObjectE [QtGui]	_ZN8QPainter16staticMetaObjectE [QtXml]
_ZN8QPalette16staticMetaObjectE [QtGui]	_ZN8QSpinBox16staticMetaObjectE [QtGui]

_ZN8QToolBar16staticMetaObjectE [QtGui]	_ZN8QToolBox16staticMetaObjectE [QtGui]
_ZN9QCDEStyle16staticMetaObject E [QtGui]	_ZN9QCheckBox16staticMetaObject E [QtGui]
_ZN9QComboBox16staticMetaObjec tE [QtGui]	_ZN9QDateEdit16staticMetaObjectE [QtGui]
_ZN9QDirModel16staticMetaObject E [QtGui]	_ZN9QGradient16staticMetaObjectE [QtXml]
_ZN9QGroupBox16staticMetaObject E [QtGui]	_ZN9QLineEdit16staticMetaObjectE [QtGui]
_ZN9QListView16staticMetaObjectE [QtGui]	_ZN9QMenuItem16staticMetaObject E [QtXml]
_ZN9QShortcut16staticMetaObjectE [QtGui]	_ZN9QSizeGrip16staticMetaObjectE [QtGui]
_ZN9QSplitter16staticMetaObjectE [QtGui]	_ZN9QTextEdit16staticMetaObjectE [QtGui]
_ZN9QTextList16staticMetaObjectE [QtGui]	_ZN9QTimeEdit16staticMetaObjectE [QtGui]
_ZN9QTreeView16staticMetaObject E [QtGui]	_ZN9QUndoView16staticMetaObjec tE [QtXml]
_ZTI10QBoxLayout [CXXABI]	_ZTI10QClipboard [CXXABI]
_ZTI10QCompleter [CXXABI]	_ZTI10QDropEvent [CXXABI]
_ZTI10QHelpEvent [CXXABI]	_ZTI10QHideEvent [CXXABI]
_ZTI10QLCDNumber [CXXABI]	_ZTI10QMoveEvent [CXXABI]
_ZTI10QScrollBar [CXXABI]	_ZTI10QShowEvent [CXXABI]
_ZTI10QStatusBar [CXXABI]	_ZTI10QTabWidget [CXXABI]
_ZTI10QTableView [CXXABI]	_ZTI10QTextFrame [CXXABI]
_ZTI10QTextTable [CXXABI]	_ZTI10QUndoGroup [CXXABI]
_ZTI10QUndoStack [CXXABI]	_ZTI10QValidator [CXXABI]
_ZTI10QWorkspace [CXXABI]	_ZTI11QAccessible [CXXABI]
_ZTI11QCloseEvent [CXXABI]	_ZTI11QDockWidget [CXXABI]
_ZTI11QFileDialog [CXXABI]	_ZTI11QFocusEvent [CXXABI]
_ZTI11QFocusFrame [CXXABI]	_ZTI11QFontDialog [CXXABI]
_ZTI11QGridLayout [CXXABI]	_ZTI11QHBoxLayout [CXXABI]
_ZTI11QHeaderView [CXXABI]	_ZTI11QHoverEvent [CXXABI]
_ZTI11QIconEngine [CXXABI]	_ZTI11QInputEvent [CXXABI]
_ZTI11QLayoutItem [CXXABI]	_ZTI11QListWidget [CXXABI]
_ZTI11QMainWindow [CXXABI]	_ZTI11QMessageBox [CXXABI]
_ZTI11QMimeSource [CXXABI]	_ZTI11QMotifStyle [CXXABI]
_ZTI11QMouseEvent [CXXABI]	_ZTI11QPaintEvent [CXXABI]
_ZTI11QProxyModel [CXXABI]	_ZTI11QPushButton [CXXABI]
_ZTI11QRubberBand [CXXABI]	_ZTI11QScrollArea [CXXABI]

© 2008 Linux Foundation

_ZTI11QSpacerItem [CXXABI]	_ZTI11QStrokerOps [CXXABI]
_ZTI11QTextObject [CXXABI]	_ZTI11QToolButton [CXXABI]
_ZTI11QTreeWidget [CXXABI]	_ZTI11QVBoxLayout [CXXABI]
_ZTI11QWheelEvent [CXXABI]	_ZTI11QWidgetItem [CXXABI]
_ZTI12QActionEvent [CXXABI]	_ZTI12QActionGroup [CXXABI]
_ZTI12QApplication [CXXABI]	_ZTI12QButtonGroup [CXXABI]
_ZTI12QColorDialog [CXXABI]	_ZTI12QCommonStyle [CXXABI]
_ZTI12QDashStroker [CXXABI]	_ZTI12QInputDialog [CXXABI]
_ZTI12QPaintDevice [CXXABI]	_ZTI12QPaintEngine [CXXABI]
_ZTI12QPrintDialog [CXXABI]	_ZTI12QPrintEngine [CXXABI]
_ZTI12QProgressBar [CXXABI]	_ZTI12QRadioButton [CXXABI]
_ZTI12QResizeEvent [CXXABI]	_ZTI12QStylePlugin [CXXABI]
_ZTI12QTableWidget [CXXABI]	_ZTI12QTabletEvent [CXXABI]
_ZTI12QTextBrowser [CXXABI]	_ZTI12QUndoCommand [CXXABI]
_ZTI13QDateTimeEdit [CXXABI]	_ZTI13QErrorMessage [CXXABI]
_ZTI13QFontComboBox [CXXABI]	_ZTI13QFontEngineFT [CXXABI]
_ZTI13QFramePrivate [CXXABI]	_ZTI13QGraphicsItem [CXXABI]
_ZTI13QGraphicsView [CXXABI]	_ZTI13QInputContext [CXXABI]
_ZTI13QIntValidator [CXXABI]	_ZTI13QItemDelegate [CXXABI]
_ZTI13QSplashScreen [CXXABI]	_ZTI13QStandardItem [CXXABI]
_ZTI13QTextDocument [CXXABI]	_ZTI13QWidgetAction [CXXABI]
_ZTI13QWindowsStyle [CXXABI]	_ZTI14QDesktopWidget [CXXABI]
_ZTI14QDoubleSpinBox [CXXABI]	_ZTI14QDragMoveEvent [CXXABI]
_ZTI14QFileOpenEvent [CXXABI]	_ZTI14QGraphicsScene [CXXABI]
_ZTI14QIconDragEvent [CXXABI]	_ZTI14QImageIOPlugin [CXXABI]
_ZTI14QLayoutPrivate [CXXABI]	_ZTI14QShortcutEvent [CXXABI]
_ZTI14QStackedLayout [CXXABI]	_ZTI14QStackedWidget [CXXABI]
_ZTI14QWidgetPrivate [CXXABI]	_ZTI15QAbstractButton [CXXABI]
_ZTI15QAbstractSlider [CXXABI]	_ZTI15QCalendarWidget [CXXABI]
_ZTI15QClipboardEvent [CXXABI]	_ZTI15QDragEnterEvent [CXXABI]
_ZTI15QDragLeaveEvent [CXXABI]	_ZTI15QImageIOHandler [CXXABI]
_ZTI15QListWidgetItem [CXXABI]	_ZTI15QPlastiqueStyle [CXXABI]
_ZTI15QProgressDialog [CXXABI]	_ZTI15QSessionManager [CXXABI]
_ZTI15QSplitterHandle [CXXABI]	_ZTI15QStatusTipEvent [CXXABI]
_ZTI15QSystemTrayIcon [CXXABI]	_ZTI15QTextBlockGroup [CXXABI]
_ZTI15QTreeWidgetItem [CXXABI]	_ZTI15QX11EmbedWidget [CXXABI]
_ZTI16QAbstractSpinBox [CXXABI]	_ZTI16QCleanlooksStyle [CXXABI]
_ZTI16QDialogButtonBox [CXXABI]	_ZTI16QDoubleValidator [CXXABI]
_ZTI16QFontEngineMulti [CXXABI]	_ZTI16QPageSetupDialog [CXXABI]

_ZTI16QRegExpValidator [CXXABI]	_ZTI16QStringListModel [CXXABI]
_ZTI16QTableWidgetItem [CXXABI]	_ZTI17QAbstractItemView [CXXABI]
_ZTI17QAccessibleObject [CXXABI]	_ZTI17QAccessiblePlugin [CXXABI]
_ZTI17QAccessibleWidget [CXXABI]	_ZTI17QContextMenuEvent [CXXABI]
_ZTI17QDataWidgetMapper [CXXABI]	_ZTI17QFactoryInterface [CXXABI]
_ZTI17QFileIconProvider [CXXABI]	_ZTI17QGraphicsLineItem [CXXABI]
_ZTI17QGraphicsPathItem [CXXABI]	_ZTI17QGraphicsRectItem [CXXABI]
_ZTI17QGraphicsTextItem [CXXABI]	_ZTI17QIconEnginePlugin [CXXABI]
_ZTI17QInputMethodEvent [CXXABI]	_ZTI17QTextImageHandler [CXXABI]
_ZTI18QDragResponseEvent [CXXABI]	_ZTI18QFontEngineMultiFT [CXXABI]
_ZTI18QGraphicsItemGroup [CXXABI]	_ZTI18QItemEditorFactory [CXXABI]
_ZTI18QStandardItemModel [CXXABI]	_ZTI18QSyntaxHighlighter [CXXABI]
_ZTI18QTextBlockUserData [CXXABI]	_ZTI18QX11EmbedContainer [CXXABI]
_ZTI19QAbstractProxyModel [CXXABI]	_ZTI19QAbstractScrollArea [CXXABI]
_ZTI19QApplicationPrivate [CXXABI]	_ZTI19QGraphicsPixmapItem [CXXABI]
_ZTI19QGraphicsSceneEvent [CXXABI]	_ZTI19QInputContextPlugin [CXXABI]
_ZTI19QItemSelectionModel [CXXABI]	_ZTI19QToolBarChangeEvent [CXXABI]
_ZTI20QAbstractPrintDialog [CXXABI]	_ZTI20QAccessibleInterface [CXXABI]
_ZTI20QGraphicsEllipseItem [CXXABI]	_ZTI20QGraphicsPolygonItem [CXXABI]
_ZTI20QMenubarUpdatedEvent [CXXABI]	_ZTI20QPictureFormatPlugin [CXXABI]
_ZTI20QTextFrameLayoutData [CXXABI]	_ZTI20QTextObjectInterface [CXXABI]
_ZTI20QWidgetResizeHandler [CXXABI]	_ZTI21QAbstractItemDelegate [CXXABI]
_ZTI21QSortFilterProxyModel [CXXABI]	_ZTI22QAccessibleApplication [CXXABI]
_ZTI22QGraphicsItemAnimation	_ZTI22QStyleFactoryInterface

[CXXABI]	[CXXABI]
_ZTI22QWhatsThisClickedEvent [CXXABI]	_ZTI23QAccessibleBridgePlugin [CXXABI]
_ZTI23QGraphicsSceneHelpEvent [CXXABI]	_ZTI23QGraphicsSimpleTextItem [CXXABI]
_ZTI23QPictureFormatInterface [CXXABI]	_ZTI23QWindowStateChangeEvent [CXXABI]
_ZTI24QAbstractItemViewPrivate [CXXABI]	_ZTI24QAbstractPageSetupDialog [CXXABI]
_ZTI24QGraphicsSceneHoverEvent [CXXABI]	_ZTI24QGraphicsSceneMouseEvent [CXXABI]
_ZTI24QGraphicsSceneWheelEvent [CXXABI]	_ZTI26QAbstractGraphicsShapeItem [CXXABI]
_ZTI27QAbstractTextDocumentLayout [CXXABI]	_ZTI27QAccessibleFactoryInterface [CXXABI]
_ZTI27QGraphicsSceneDragDropEvent [CXXABI]	_ZTI27QIconEngineFactoryInterface [CXXABI]
_ZTI29QInputContextFactoryInterface [CXXABI]	_ZTI30QGraphicsSceneContextMenuEvent [CXXABI]
_ZTI31QImageIOHandlerFactoryInterface [CXXABI]	_ZTI33QAccessibleBridgeFactoryInterface [CXXABI]
_ZTI5QDial [CXXABI]	_ZTI5QDrag [CXXABI]
_ZTI5QMenu [CXXABI]	_ZTI6QFrame [CXXABI]
_ZTI6QImage [CXXABI]	_ZTI6QLabel [CXXABI]
_ZTI6QMovie [CXXABI]	_ZTI6QSound [CXXABI]
_ZTI6QStyle [CXXABI]	_ZTI7QAction [CXXABI]
_ZTI7QBitmap [CXXABI]	_ZTI7QDialog [CXXABI]
_ZTI7QLayout [CXXABI]	_ZTI7QPixmap [CXXABI]
_ZTI7QSlider [CXXABI]	_ZTI7QTabBar [CXXABI]
_ZTI7QWidget [CXXABI]	_ZTI8QMenuBar [CXXABI]
_ZTI8QPicture [CXXABI]	_ZTI8QPrinter [CXXABI]
_ZTI8QSpinBox [CXXABI]	_ZTI8QStroker [CXXABI]
_ZTI8QToolBar [CXXABI]	_ZTI8QToolBox [CXXABI]
_ZTI9QCDEStyle [CXXABI]	_ZTI9QCheckBox [CXXABI]
_ZTI9QComboBox [CXXABI]	_ZTI9QDateEdit [CXXABI]
_ZTI9QDirModel [CXXABI]	_ZTI9QGroupBox [CXXABI]
_ZTI9QKeyEvent [CXXABI]	_ZTI9QLineEdit [CXXABI]
_ZTI9QListView [CXXABI]	_ZTI9QMenuItem [CXXABI]
_ZTI9QShortcut [CXXABI]	_ZTI9QSizeGrip [CXXABI]
_ZTI9QSplitter [CXXABI]	_ZTI9QTextEdit [CXXABI]
_ZTI9QTextList [CXXABI]	_ZTI9QTimeEdit [CXXABI]
_ZTI9QTreeView [CXXABI]	_ZTI9QUndoView [CXXABI]

_ZTV10QBoxLayout [CXXABI]	_ZTV10QClipboard [CXXABI]
_ZTV10QCompleter [CXXABI]	_ZTV10QDropEvent [CXXABI]
_ZTV10QHelpEvent [CXXABI]	_ZTV10QHideEvent [CXXABI]
_ZTV10QLCDNumber [CXXABI]	_ZTV10QMoveEvent [CXXABI]
_ZTV10QScrollBar [CXXABI]	_ZTV10QShowEvent [CXXABI]
_ZTV10QStatusBar [CXXABI]	_ZTV10QTabWidget [CXXABI]
_ZTV10QTableView [CXXABI]	_ZTV10QTextFrame [CXXABI]
_ZTV10QTextTable [CXXABI]	_ZTV10QUndoGroup [CXXABI]
_ZTV10QUndoStack [CXXABI]	_ZTV10QValidator [CXXABI]
_ZTV10QWorkspace [CXXABI]	_ZTV11QCloseEvent [CXXABI]
_ZTV11QDockWidget [CXXABI]	_ZTV11QFileDialog [CXXABI]
_ZTV11QFocusEvent [CXXABI]	_ZTV11QFocusFrame [CXXABI]
_ZTV11QFontDialog [CXXABI]	_ZTV11QGridLayout [CXXABI]
_ZTV11QHBoxLayout [CXXABI]	_ZTV11QHeaderView [CXXABI]
_ZTV11QHoverEvent [CXXABI]	_ZTV11QIconEngine [CXXABI]
_ZTV11QInputEvent [CXXABI]	_ZTV11QLayoutItem [CXXABI]
_ZTV11QListWidget [CXXABI]	_ZTV11QMainWindow [CXXABI]
_ZTV11QMessageBox [CXXABI]	_ZTV11QMimeSource [CXXABI]
_ZTV11QMotifStyle [CXXABI]	_ZTV11QMouseEvent [CXXABI]
_ZTV11QPaintEvent [CXXABI]	_ZTV11QProxyModel [CXXABI]
_ZTV11QPushButton [CXXABI]	_ZTV11QRubberBand [CXXABI]
_ZTV11QScrollArea [CXXABI]	_ZTV11QSpacerItem [CXXABI]
_ZTV11QStrokerOps [CXXABI]	_ZTV11QTextObject [CXXABI]
_ZTV11QToolButton [CXXABI]	_ZTV11QTreeWidget [CXXABI]
_ZTV11QVBoxLayout [CXXABI]	_ZTV11QWheelEvent [CXXABI]
_ZTV11QWidgetItem [CXXABI]	_ZTV12QActionEvent [CXXABI]
_ZTV12QActionGroup [CXXABI]	_ZTV12QApplication [CXXABI]
_ZTV12QButtonGroup [CXXABI]	_ZTV12QColorDialog [CXXABI]
_ZTV12QCommonStyle [CXXABI]	_ZTV12QDashStroker [CXXABI]
_ZTV12QInputDialog [CXXABI]	_ZTV12QPaintDevice [CXXABI]
_ZTV12QPaintEngine [CXXABI]	_ZTV12QPrintDialog [CXXABI]
_ZTV12QPrintEngine [CXXABI]	_ZTV12QProgressBar [CXXABI]
_ZTV12QRadioButton [CXXABI]	_ZTV12QResizeEvent [CXXABI]
_ZTV12QStylePlugin [CXXABI]	_ZTV12QTableWidget [CXXABI]
_ZTV12QTabletEvent [CXXABI]	_ZTV12QTextBrowser [CXXABI]
_ZTV12QUndoCommand [CXXABI]	_ZTV13QDateTimeEdit [CXXABI]
_ZTV13QErrorMessage [CXXABI]	_ZTV13QFontEngineFT [CXXABI]
_ZTV13QFramePrivate [CXXABI]	_ZTV13QGraphicsItem [CXXABI]
_ZTV13QInputContext [CXXABI]	_ZTV13QIntValidator [CXXABI]
_ZTV13QItemDelegate [CXXABI]	_ZTV13QSplashScreen [CXXABI]

© 2008 Linux Foundation

_ZTV13QStandardItem [CXXABI]	_ZTV13QTextDocument [CXXABI]
_ZTV13QWidgetAction [CXXABI]	_ZTV13QWindowsStyle [CXXABI]
_ZTV14QDesktopWidget [CXXABI]	_ZTV14QDoubleSpinBox [CXXABI]
_ZTV14QDragMoveEvent [CXXABI]	_ZTV14QFileOpenEvent [CXXABI]
_ZTV14QGraphicsScene [CXXABI]	_ZTV14QIconDragEvent [CXXABI]
_ZTV14QImageIOPlugin [CXXABI]	_ZTV14QLayoutPrivate [CXXABI]
_ZTV14QShortcutEvent [CXXABI]	_ZTV14QStackedLayout [CXXABI]
_ZTV14QStackedWidget [CXXABI]	_ZTV14QWidgetPrivate [CXXABI]
_ZTV15QAbstractButton [CXXABI]	_ZTV15QAbstractSlider [CXXABI]
_ZTV15QClipboardEvent [CXXABI]	_ZTV15QDragEnterEvent [CXXABI]
_ZTV15QDragLeaveEvent [CXXABI]	_ZTV15QImageIOHandler [CXXABI]
_ZTV15QListWidgetItem [CXXABI]	_ZTV15QPlastiqueStyle [CXXABI]
_ZTV15QProgressDialog [CXXABI]	_ZTV15QSessionManager [CXXABI]
_ZTV15QSplitterHandle [CXXABI]	_ZTV15QStatusTipEvent [CXXABI]
_ZTV15QSystemTrayIcon [CXXABI]	_ZTV15QTextBlockGroup [CXXABI]
_ZTV15QTreeWidgetItem [CXXABI]	_ZTV15QX11EmbedWidget [CXXABI]
_ZTV16QAbstractSpinBox [CXXABI]	_ZTV16QCleanlooksStyle [CXXABI]
_ZTV16QDoubleValidator [CXXABI]	_ZTV16QFontEngineMulti [CXXABI]
_ZTV16QPageSetupDialog [CXXABI]	_ZTV16QRegExpValidator [CXXABI]
_ZTV16QStringListModel [CXXABI]	_ZTV16QTableWidgetItem [CXXABI]
_ZTV17QAbstractItemView [CXXABI]	_ZTV17QAccessibleObject [CXXABI]
_ZTV17QAccessiblePlugin [CXXABI]	_ZTV17QAccessibleWidget [CXXABI]
_ZTV17QContextMenuEvent [CXXABI]	_ZTV17QDataWidgetMapper [CXXABI]
_ZTV17QFactoryInterface [CXXABI]	_ZTV17QFileIconProvider [CXXABI]
_ZTV17QGraphicsLineItem [CXXABI]	_ZTV17QGraphicsPathItem [CXXABI]
_ZTV17QGraphicsRectItem [CXXABI]	_ZTV17QIconEnginePlugin [CXXABI]
_ZTV17QInputMethodEvent [CXXABI]	_ZTV17QTextImageHandler [CXXABI]
_ZTV18QDragResponseEvent [CXXABI]	_ZTV18QFontEngineMultiFT [CXXABI]
_ZTV18QGraphicsItemGroup [CXXABI]	_ZTV18QItemEditorFactory [CXXABI]
_ZTV18QStandardItemModel	_ZTV18QSyntaxHighlighter

[CXXABI]	[CXXABI]
_ZTV18QTextBlockUserData [CXXABI]	_ZTV18QX11EmbedContainer [CXXABI]
_ZTV19QAbstractProxyModel [CXXABI]	_ZTV19QAbstractScrollArea [CXXABI]
_ZTV19QApplicationPrivate [CXXABI]	_ZTV19QGraphicsPixmapItem [CXXABI]
_ZTV19QGraphicsSceneEvent [CXXABI]	_ZTV19QInputContextPlugin [CXXABI]
_ZTV19QItemSelectionModel [CXXABI]	_ZTV19QToolBarChangeEvent [CXXABI]
_ZTV20QAbstractPrintDialog [CXXABI]	_ZTV20QAccessibleInterface [CXXABI]
_ZTV20QGraphicsEllipseItem [CXXABI]	_ZTV20QGraphicsPolygonItem [CXXABI]
_ZTV20QMenubarUpdatedEvent [CXXABI]	_ZTV20QPictureFormatPlugin [CXXABI]
_ZTV20QTextFrameLayoutData [CXXABI]	_ZTV20QTextObjectInterface [CXXABI]
_ZTV20QWidgetResizeHandler [CXXABI]	_ZTV21QAbstractItemDelegate [CXXABI]
_ZTV21QSortFilterProxyModel [CXXABI]	_ZTV22QAccessibleApplication [CXXABI]
_ZTV22QGraphicsItemAnimation [CXXABI]	_ZTV22QStyleFactoryInterface [CXXABI]
_ZTV22QWhatsThisClickedEvent [CXXABI]	_ZTV23QAccessibleBridgePlugin [CXXABI]
_ZTV23QGraphicsSceneHelpEvent [CXXABI]	_ZTV23QGraphicsSimpleTextItem [CXXABI]
_ZTV23QPictureFormatInterface [CXXABI]	_ZTV23QWindowStateChangeEvent [CXXABI]
_ZTV24QAbstractItemViewPrivate [CXXABI]	_ZTV24QAbstractPageSetupDialog [CXXABI]
_ZTV24QGraphicsSceneHoverEvent [CXXABI]	_ZTV24QGraphicsSceneMouseEvent [CXXABI]
_ZTV24QGraphicsSceneWheelEvent [CXXABI]	_ZTV26QAbstractGraphicsShapeIte m [CXXABI]
_ZTV27QAbstractTextDocumentLay out [CXXABI]	_ZTV27QAccessibleFactoryInterface [CXXABI]
_ZTV27QGraphicsSceneDragDropE vent [CXXABI]	_ZTV27QIconEngineFactoryInterfac e [CXXABI]
_ZTV29QInputContextFactoryInterf ace [CXXABI]	_ZTV30QGraphicsSceneContextMen uEvent [CXXABI]
_ZTV31QImageIOHandlerFactoryInt erface [CXXABI]	_ZTV33QAccessibleBridgeFactoryInt erface [CXXABI]

_ZTV5QDial [CXXABI]	_ZTV5QDrag [CXXABI]
_ZTV5QMenu [CXXABI]	_ZTV6QFrame [CXXABI]
_ZTV6QImage [CXXABI]	_ZTV6QLabel [CXXABI]
_ZTV6QMovie [CXXABI]	_ZTV6QSound [CXXABI]
_ZTV6QStyle [CXXABI]	_ZTV7QAction [CXXABI]
_ZTV7QBitmap [CXXABI]	_ZTV7QDialog [CXXABI]
_ZTV7QLayout [CXXABI]	_ZTV7QPixmap [CXXABI]
_ZTV7QSlider [CXXABI]	_ZTV7QTabBar [CXXABI]
_ZTV7QWidget [CXXABI]	_ZTV8QMenuBar [CXXABI]
_ZTV8QPicture [CXXABI]	_ZTV8QPrinter [CXXABI]
_ZTV8QSpinBox [CXXABI]	_ZTV8QStroker [CXXABI]
_ZTV8QToolBar [CXXABI]	_ZTV8QToolBox [CXXABI]
_ZTV9QCDEStyle [CXXABI]	_ZTV9QCheckBox [CXXABI]
_ZTV9QComboBox [CXXABI]	_ZTV9QDateEdit [CXXABI]
_ZTV9QDirModel [CXXABI]	_ZTV9QGroupBox [CXXABI]
_ZTV9QKeyEvent [CXXABI]	_ZTV9QLineEdit [CXXABI]
_ZTV9QListView [CXXABI]	_ZTV9QMenuItem [CXXABI]
_ZTV9QShortcut [CXXABI]	_ZTV9QSizeGrip [CXXABI]
_ZTV9QSplitter [CXXABI]	_ZTV9QTextEdit [CXXABI]
_ZTV9QTextList [CXXABI]	_ZTV9QTimeEdit [CXXABI]
_ZTV9QTreeView [CXXABI]	

17.4.2 Qt4 Organizers

17.4.2.1 Class data for QButtonGroup

The virtual table for the QButtonGroup class is described by Table 17-99

Table 17-99 Primary vtable for QButtonGroup

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QButtonGroup
vfunc[0]:	QButtonGroup::metaObject() const
vfunc[1]:	QButtonGroup::qt_metacast(char const*)
vfunc[2]:	QButtonGroup::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QButtonGroup::~QButtonGroup()
vfunc[4]:	QButtonGroup::~QButtonGroup()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)

vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QButtonGroup class is described by Table 17-100

Table 17-100 typeinfo for QButtonGroup

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QButtonGroup
basetype:	typeinfo for QObject

17.4.2.2 Class data for QGroupBox

The virtual table for the QGroupBox class is described by Table 17-101

Table 17-101 Primary vtable for QGroupBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGroupBox
vfunc[0]:	QGroupBox::metaObject() const
vfunc[1]:	QGroupBox::qt_metacast(char const*)
vfunc[2]:	QGroupBox::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QGroupBox::~QGroupBox()
vfunc[4]:	QGroupBox::~QGroupBox()
vfunc[5]:	QGroupBox::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QGroupBox::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QGroupBox::minimumSizeHint() const

© 2008 Linux Foundation

vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QGroupBox::mousePressEvent(QMouseEvent*)
vfunc[19]:	QGroupBox::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QGroupBox::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QGroupBox::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QGroupBox::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QGroupBox::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)

© 2008 Linux Foundation

vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QGroupBox::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QGroupBox class is described by Table 17-102

Table 17-102 typeinfo for QGroupBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGroupBox
basetype:	typeinfo for QWidget

17.4.2.3 Class data for QSplitter

The virtual table for the QSplitter class is described by Table 17-103

Table 17-103 Primary vtable for QSplitter

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSplitter
vfunc[0]:	QSplitter::metaObject() const
vfunc[1]:	QSplitter::qt_metacast(char const*)
vfunc[2]:	QSplitter::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSplitter::~QSplitter()
vfunc[4]:	QSplitter::~QSplitter()
vfunc[5]:	QSplitter::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)

© 2008 Linux Foundation

vfunc[8]:	QSplitter::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QSplitter::sizeHint() const
vfunc[15]:	QSplitter::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QFrame::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QSplitter::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnt

	erEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QSplitter::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QSplitter::createHandle()

The Run Time Type Information for the QSplitter class is described by Table 17-104

Table 17-104 typeinfo for QSplitter

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSplitter
basetype:	typeinfo for QFrame

17.4.2.4 Class data for QSplitterHandle

The virtual table for the QSplitterHandle class is described by Table 17-105

Table 17-105 Primary vtable for QSplitterHandle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSplitterHandle
vfunc[0]:	QSplitterHandle::metaObject() const

© 2008 Linux Foundation

vfunc[1]:	QSplitterHandle::qt_metacast(char const*)
vfunc[2]:	QSplitterHandle::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QSplitterHandle::~QSplitterHandle()
vfunc[4]:	NULL or QSplitterHandle::~QSplitterHandle()
vfunc[5]:	QSplitterHandle::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QSplitterHandle::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QSplitterHandle::mousePressEvent(QMouseEvent*)
vfunc[19]:	QSplitterHandle::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QSplitterHandle::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QSplitterHandle::paintEvent(QPaint

	Event*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QSplitterHandle class is described by Table 17-106

Table 17-106 typeinfo for QSplitterHandle

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QSplitterHandle
basetype:	typeinfo for QWidget

17.4.2.5 Interfaces for Qt4 Organizers

An LSB conforming implementation shall provide the generic functions for Qt4 Organizers specified in Table 17-107, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-107 libQtGui - Qt4 Organizers Function Interfaces

_ZN12QButtonGroup11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN12QButtonGroup11qt_metacastEPKc [QtGui]
_ZN12QButtonGroup12removeButtonEP15QAbstractButton [QtGui]	_ZN12QButtonGroup12setExclusiveEb [QtGui]
_ZN12QButtonGroup13buttonClickedEP15QAbstractButton [QtGui]	_ZN12QButtonGroup13buttonClickedEi [QtGui]
_ZN12QButtonGroup13buttonPressedEP15QAbstractButton [QtXml]	_ZN12QButtonGroup13buttonPressedEi [QtXml]
_ZN12QButtonGroup14buttonReleasedEP15QAbstractButton [QtXml]	_ZN12QButtonGroup14buttonReleasedEi [QtXml]
_ZN12QButtonGroup5setIdEP15QAbstractButtoni [QtGui]	_ZN12QButtonGroup9addButtonEP15QAbstractButton [QtGui]
_ZN12QButtonGroup9addButtonEP15QAbstractButtoni [QtGui]	_ZN12QButtonGroupC1EP7QObject [QtGui]
_ZN12QButtonGroupC2EP7QObject [QtGui]	_ZN12QButtonGroupD0Ev [QtGui]
_ZN12QButtonGroupD1Ev [QtGui]	_ZN12QButtonGroupD2Ev [QtGui]
_ZN15QSplitterHandle10paintEventEP11QPaintEvent [QtGui]	_ZN15QSplitterHandle11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN15QSplitterHandle11qt_metacastEPKc [QtGui]	_ZN15QSplitterHandle12moveSplitterEi [QtGui]
_ZN15QSplitterHandle14mouseMoveEventEP11QMouseEvent [QtGui]	_ZN15QSplitterHandle14setOrientationEN2Qt11OrientationE [QtGui]
_ZN15QSplitterHandle15mousePressEventEP11QMouseEvent [QtGui]	_ZN15QSplitterHandle17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN15QSplitterHandle20closestLegalPositionEi [QtGui]	_ZN15QSplitterHandle5eventEP6QEvent [QtGui]
_ZN15QSplitterHandleC1EN2Qt11OrientationEP9QSplitter [QtGui]	_ZN15QSplitterHandleC2EN2Qt11OrientationEP9QSplitter [QtGui]
_ZN9QGroupBox10childEventEP11QChildEvent [QtGui]	_ZN9QGroupBox10paintEventEP11QPaintEvent [QtGui]
_ZN9QGroupBox10setCheckedEb [QtGui]	_ZN9QGroupBox11changeEventEP6QEvent [QtGui]
_ZN9QGroupBox11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN9QGroupBox11qt_metacastEPKc [QtGui]

_ZN9QGroupBox11resizeEventEP12QResizeEvent [QtGui]	_ZN9QGroupBox12focusInEventEP11QFocusEvent [QtGui]
_ZN9QGroupBox12setAlignmentEi [QtGui]	_ZN9QGroupBox12setCheckableEb [QtGui]
_ZN9QGroupBox14mouseMoveEventEP11QMouseEvent [QtGui]	_ZN9QGroupBox15mousePressEventEP11QMouseEvent [QtGui]
_ZN9QGroupBox17mouseReleaseEventEP11QMouseEvent [QtGui]	_ZN9QGroupBox5eventEP6QEvent [QtGui]
_ZN9QGroupBox7clickedEb [QtXml]	_ZN9QGroupBox7setFlatEb [QtGui]
_ZN9QGroupBox7toggledEb [QtGui]	_ZN9QGroupBox8setTitleERK7QString [QtGui]
_ZN9QGroupBoxC1EP7QWidget [QtGui]	_ZN9QGroupBoxC1EP7QWidgetPKc [QtGui]
_ZN9QGroupBoxC1ERK7QStringP7QWidget [QtGui]	_ZN9QGroupBoxC1ERK7QStringP7QWidgetPKc [QtGui]
_ZN9QGroupBoxC2EP7QWidget [QtGui]	_ZN9QGroupBoxC2EP7QWidgetPKc [QtGui]
_ZN9QGroupBoxC2ERK7QStringP7QWidget [QtGui]	_ZN9QGroupBoxC2ERK7QStringP7QWidgetPKc [QtGui]
_ZN9QGroupBoxD0Ev [QtGui]	_ZN9QGroupBoxD1Ev [QtGui]
_ZN9QGroupBoxD2Ev [QtGui]	_ZN9QSplitter10childEventEP11QChildEvent [QtGui]
_ZN9QSplitter11changeEventEP6QEvent [QtGui]	_ZN9QSplitter11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN9QSplitter11qt_metacastEPKc [QtGui]	_ZN9QSplitter11resizeEventEP12QResizeEvent [QtGui]
_ZN9QSplitter12createHandleEv [QtGui]	_ZN9QSplitter12insertWidgetEiP7QWidget [QtGui]
_ZN9QSplitter12moveSplitterEii [QtGui]	_ZN9QSplitter12restoreStateERK10QByteArray [QtGui]
_ZN9QSplitter13setResizeModeEP7QWidgetNS_10ResizeModeE [QtGui]	_ZN9QSplitter13setRubberBandEi [QtGui]
_ZN9QSplitter13splitterMovedEii [QtGui]	_ZN9QSplitter14setCollapsibleEib [QtGui]
_ZN9QSplitter14setHandleWidthEi [QtGui]	_ZN9QSplitter14setOrientationEN2Qt11OrientationE [QtGui]
_ZN9QSplitter15setOpaqueResizeEb [QtGui]	_ZN9QSplitter16setStretchFactorEii [QtGui]
_ZN9QSplitter20closestLegalPositionEii [QtGui]	_ZN9QSplitter22setChildrenCollapsibleEb [QtGui]
_ZN9QSplitter5eventEP6QEvent [QtGui]	_ZN9QSplitter7refreshEv [QtGui]
_ZN9QSplitter8setSizesERK5QListIiE [QtGui]	_ZN9QSplitter9addWidgetEP7QWidget [QtGui]

_ZN9QSplitterC1EN2Qt11OrientationEP7QWidget [QtGui]	_ZN9QSplitterC1EN2Qt11OrientationEP7QWidgetPKc [QtGui]
_ZN9QSplitterC1EP7QWidget [QtGui]	_ZN9QSplitterC1EP7QWidgetPKc [QtGui]
_ZN9QSplitterC2EN2Qt11OrientationEP7QWidget [QtGui]	_ZN9QSplitterC2EN2Qt11OrientationEP7QWidgetPKc [QtGui]
_ZN9QSplitterC2EP7QWidget [QtGui]	_ZN9QSplitterC2EP7QWidgetPKc [QtGui]
_ZN9QSplitterD0Ev [QtGui]	_ZN9QSplitterD1Ev [QtGui]
_ZN9QSplitterD2Ev [QtGui]	_ZNK12QButtonGroup10metaObjectEv [QtGui]
_ZNK12QButtonGroup13checkedButtonEv [QtGui]	_ZNK12QButtonGroup2idEP15QAbstractButton [QtGui]
_ZNK12QButtonGroup6buttonEi [QtGui]	_ZNK12QButtonGroup7buttonsEv [QtGui]
_ZNK12QButtonGroup9checkedIdEv [QtGui]	_ZNK12QButtonGroup9exclusiveEv [QtGui]
_ZNK15QSplitterHandle10metaObjectEv [QtGui]	_ZNK15QSplitterHandle11orientationEv [QtGui]
_ZNK15QSplitterHandle12opaqueResizeEv [QtGui]	_ZNK15QSplitterHandle8sizeHintEv [QtGui]
_ZNK15QSplitterHandle8splitterEv [QtGui]	_ZNK9QGroupBox10metaObjectEv [QtGui]
_ZNK9QGroupBox11isCheckableEv [QtGui]	_ZNK9QGroupBox15minimumSizeHintEv [QtGui]
_ZNK9QGroupBox5titleEv [QtGui]	_ZNK9QGroupBox6isFlatEv [QtGui]
_ZNK9QGroupBox9alignmentEv [QtGui]	_ZNK9QGroupBox9isCheckedEv [QtGui]
_ZNK9QSplitter10metaObjectEv [QtGui]	_ZNK9QSplitter11handleWidthEv [QtGui]
_ZNK9QSplitter11orientationEv [QtGui]	_ZNK9QSplitter12opaqueResizeEv [QtGui]
_ZNK9QSplitter13isCollapsibleEi [QtGui]	_ZNK9QSplitter15minimumSizeHintEv [QtGui]
_ZNK9QSplitter19childrenCollapsibleEv [QtGui]	_ZNK9QSplitter5countEv [QtGui]
_ZNK9QSplitter5sizesEv [QtGui]	_ZNK9QSplitter6handleEi [QtGui]
_ZNK9QSplitter6widgetEi [QtGui]	_ZNK9QSplitter7indexOfEP7QWidget [QtGui]
ZNK9QSplitter8getRangeEiPiS0 [QtGui]	_ZNK9QSplitter8sizeHintEv [QtGui]
_ZNK9QSplitter9saveStateEv [QtGui]	_ZlsR11QTextStreamRK9QSplitter [QtGui]
_ZrsR11QTextStreamR9QSplitter [QtGui]	

17.4.3 Qt4 Events

17.4.3.1 Class data for QInputEvent

The virtual table for the QInputEvent class is described by Table 17-108

Table 17-108 Primary vtable for QInputEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QInputEvent
vfunc[0]:	QInputEvent::~QInputEvent()
vfunc[1]:	QInputEvent::~QInputEvent()

The Run Time Type Information for the QInputEvent class is described by Table 17-109

Table 17-109 typeinfo for QInputEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QInputEvent
basetype:	typeinfo for QEvent

17.4.3.2 Class data for QMouseEvent

The virtual table for the QMouseEvent class is described by Table 17-110

Table 17-110 Primary vtable for QMouseEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMouseEvent
vfunc[0]:	QMouseEvent::~QMouseEvent()
vfunc[1]:	QMouseEvent::~QMouseEvent()

The Run Time Type Information for the QMouseEvent class is described by Table 17-111

Table 17-111 typeinfo for QMouseEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMouseEvent
basetype:	typeinfo for QInputEvent

17.4.3.3 Class data for QHoverEvent

The virtual table for the QHoverEvent class is described by Table 17-112

Table 17-112 Primary vtable for QHoverEvent

Base Offset	0
Virtual Base Offset	0

© 2008 Linux Foundation

RTTI	typeinfo for QHoverEvent
vfunc[0]:	QHoverEvent::~QHoverEvent()
vfunc[1]:	QHoverEvent::~QHoverEvent()

The Run Time Type Information for the QHoverEvent class is described by Table 17-113

Table 17-113 typeinfo for QHoverEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHoverEvent
basetype:	typeinfo for QEvent

17.4.3.4 Class data for QWheelEvent

The virtual table for the QWheelEvent class is described by Table 17-114

Table 17-114 Primary vtable for QWheelEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWheelEvent
vfunc[0]:	QWheelEvent::~QWheelEvent()
vfunc[1]:	QWheelEvent::~QWheelEvent()

The Run Time Type Information for the QWheelEvent class is described by Table 17-115

Table 17-115 typeinfo for QWheelEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWheelEvent
basetype:	typeinfo for QInputEvent

17.4.3.5 Class data for QTabletEvent

The virtual table for the QTabletEvent class is described by Table 17-116

Table 17-116 Primary vtable for QTabletEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTabletEvent
vfunc[0]:	QTabletEvent::~QTabletEvent()
vfunc[1]:	QTabletEvent::~QTabletEvent()

The Run Time Type Information for the QTabletEvent class is described by Table 17-117

Table 17-117 typeinfo for QTabletEvent

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QTabletEvent
basetype:	typeinfo for QInputEvent

17.4.3.6 Class data for QKeyEvent

The virtual table for the QKeyEvent class is described by Table 17-118

Table 17-118 Primary vtable for QKeyEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QKeyEvent
vfunc[0]:	QKeyEvent::~QKeyEvent()
vfunc[1]:	QKeyEvent::~QKeyEvent()

The Run Time Type Information for the QKeyEvent class is described by Table 17-119

Table 17-119 typeinfo for QKeyEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QKeyEvent
basetype:	typeinfo for QInputEvent

17.4.3.7 Class data for QFocusEvent

The virtual table for the QFocusEvent class is described by Table 17-120

Table 17-120 Primary vtable for QFocusEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFocusEvent
vfunc[0]:	QFocusEvent::~QFocusEvent()
vfunc[1]:	QFocusEvent::~QFocusEvent()

The Run Time Type Information for the QFocusEvent class is described by Table 17-121

Table 17-121 typeinfo for QFocusEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFocusEvent
basetype:	typeinfo for QEvent

17.4.3.8 Class data for QPaintEvent

The virtual table for the QPaintEvent class is described by Table 17-122

Table 17-122 Primary vtable for QPaintEvent

Base Offset	0

© 2008 Linux Foundation

Virtual Base Offset	0
RTTI	typeinfo for QPaintEvent
vfunc[0]:	QPaintEvent::~QPaintEvent()
vfunc[1]:	QPaintEvent::~QPaintEvent()

The Run Time Type Information for the QPaintEvent class is described by Table 17-123

Table 17-123 typeinfo for QPaintEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPaintEvent
basetype:	typeinfo for QEvent

17.4.3.9 Class data for QMoveEvent

The virtual table for the QMoveEvent class is described by Table 17-124

Table 17-124 Primary vtable for QMoveEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMoveEvent
vfunc[0]:	QMoveEvent::~QMoveEvent()
vfunc[1]:	QMoveEvent::~QMoveEvent()

The Run Time Type Information for the QMoveEvent class is described by Table 17-125

Table 17-125 typeinfo for QMoveEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMoveEvent
basetype:	typeinfo for QEvent

17.4.3.10 Class data for QResizeEvent

The virtual table for the QResizeEvent class is described by Table 17-126

Table 17-126 Primary vtable for QResizeEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QResizeEvent
vfunc[0]:	QResizeEvent::~QResizeEvent()
vfunc[1]:	QResizeEvent::~QResizeEvent()

The Run Time Type Information for the QResizeEvent class is described by Table 17-127

Table 17-127 typeinfo for QResizeEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QResizeEvent
basetype:	typeinfo for QEvent

17.4.3.11 Class data for QCloseEvent

The virtual table for the QCloseEvent class is described by Table 17-128

Table 17-128 Primary vtable for QCloseEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCloseEvent
vfunc[0]:	QCloseEvent::~QCloseEvent()
vfunc[1]:	QCloseEvent::~QCloseEvent()

The Run Time Type Information for the QCloseEvent class is described by Table 17-129

Table 17-129 typeinfo for QCloseEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCloseEvent
basetype:	typeinfo for QEvent

17.4.3.12 Class data for QIconDragEvent

The virtual table for the QIconDragEvent class is described by Table 17-130

Table 17-130 Primary vtable for QIconDragEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIconDragEvent
vfunc[0]:	QIconDragEvent::~QIconDragEvent( )
vfunc[1]:	QIconDragEvent::~QIconDragEvent( )

The Run Time Type Information for the QIconDragEvent class is described by Table 17-131

Table 17-131 typeinfo for QIconDragEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIconDragEvent
basetype:	typeinfo for QEvent

17.4.3.13 Class data for QShowEvent

The virtual table for the QShowEvent class is described by Table 17-132

Table 17-132 Primary vtable for QShowEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QShowEvent
vfunc[0]:	QShowEvent::~QShowEvent()
vfunc[1]:	QShowEvent::~QShowEvent()

The Run Time Type Information for the QShowEvent class is described by Table 17-133

Table 17-133 typeinfo for QShowEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QShowEvent
basetype:	typeinfo for QEvent

17.4.3.14 Class data for QHideEvent

The virtual table for the QHideEvent class is described by Table 17-134

Table 17-134 Primary vtable for QHideEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHideEvent
vfunc[0]:	QHideEvent::~QHideEvent()
vfunc[1]:	QHideEvent::~QHideEvent()

The Run Time Type Information for the QHideEvent class is described by Table 17-135

Table 17-135 typeinfo for QHideEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHideEvent
basetype:	typeinfo for QEvent

17.4.3.15 Class data for QContextMenuEvent

The virtual table for the QContextMenuEvent class is described by Table 17-136

Table 17-136 Primary vtable for QContextMenuEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QContextMenuEvent
vfunc[0]:	QContextMenuEvent::~QContextMe

	nuEvent()
vfunc[1]:	QContextMenuEvent::~QContextMenuEvent()

The Run Time Type Information for the QContextMenuEvent class is described by Table 17-137

Table 17-137 typeinfo for QContextMenuEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QContextMenuEvent
basetype:	typeinfo for QInputEvent

17.4.3.16 Class data for QInputMethodEvent

The virtual table for the QInputMethodEvent class is described by Table 17-138

Table 17-138 Primary vtable for QInputMethodEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QInputMethodEvent
vfunc[0]:	NULL or QInputMethodEvent::~QInputMethodEvent()
vfunc[1]:	NULL or QInputMethodEvent::~QInputMethodEvent()

The Run Time Type Information for the QInputMethodEvent class is described by Table 17-139

Table 17-139 typeinfo for QInputMethodEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QInputMethodEvent
basetype:	typeinfo for QEvent

17.4.3.17 Class data for QHelpEvent

The virtual table for the QHelpEvent class is described by Table 17-140

Table 17-140 Primary vtable for QHelpEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHelpEvent
vfunc[0]:	QHelpEvent::~QHelpEvent()
vfunc[1]:	QHelpEvent::~QHelpEvent()

© 2008 Linux Foundation

The Run Time Type Information for the QHelpEvent class is described by Table 17-141

Table 17-141 typeinfo for QHelpEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHelpEvent
basetype:	typeinfo for QEvent

17.4.3.18 Class data for QStatusTipEvent

The virtual table for the QStatusTipEvent class is described by Table 17-142

Table 17-142 Primary vtable for QStatusTipEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStatusTipEvent
vfunc[0]:	QStatusTipEvent::~QStatusTipEvent ()
vfunc[1]:	QStatusTipEvent::~QStatusTipEvent ()

The Run Time Type Information for the QStatusTipEvent class is described by Table 17-143

Table 17-143 typeinfo for QStatusTipEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStatusTipEvent
basetype:	typeinfo for QEvent

17.4.3.19 Class data for QWhatsThisClickedEvent

The virtual table for the QWhatsThisClickedEvent class is described by Table 17-144

Table 17-144 Primary vtable for QWhatsThisClickedEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWhatsThisClickedEvent
vfunc[0]:	QWhatsThisClickedEvent::~QWhatsThisClickedEvent()
vfunc[1]:	QWhatsThisClickedEvent::~QWhatsThisClickedEvent()

The Run Time Type Information for the QWhatsThisClickedEvent class is described by Table 17-145

Table 17-145 typeinfo for QWhatsThisClickedEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWhatsThisClickedEvent
basetype:	typeinfo for QEvent

17.4.3.20 Class data for QActionEvent

The virtual table for the QActionEvent class is described by Table 17-146

Table 17-146 Primary vtable for QActionEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QActionEvent
vfunc[0]:	QActionEvent::~QActionEvent()
vfunc[1]:	QActionEvent::~QActionEvent()

The Run Time Type Information for the QActionEvent class is described by Table 17-147

Table 17-147 typeinfo for QActionEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QActionEvent
basetype:	typeinfo for QEvent

17.4.3.21 Class data for QFileOpenEvent

The virtual table for the QFileOpenEvent class is described by Table 17-148

Table 17-148 Primary vtable for QFileOpenEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFileOpenEvent
vfunc[0]:	QFileOpenEvent::~QFileOpenEvent( )
vfunc[1]:	QFileOpenEvent::~QFileOpenEvent( )

The Run Time Type Information for the QFileOpenEvent class is described by Table 17-149

Table 17-149 typeinfo for QFileOpenEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFileOpenEvent
basetype:	typeinfo for QEvent

© 2008 Linux Foundation

17.4.3.22 Class data for QToolBarChangeEvent

The virtual table for the QToolBarChangeEvent class is described by Table 17-150

Table 17-150 Primary vtable for QToolBarChangeEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QToolBarChangeEvent
vfunc[0]:	QToolBarChangeEvent::~QToolBarChangeEvent()
vfunc[1]:	QToolBarChangeEvent::~QToolBarChangeEvent()

The Run Time Type Information for the QToolBarChangeEvent class is described by Table 17-151

Table 17-151 typeinfo for QToolBarChangeEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolBarChangeEvent
basetype:	typeinfo for QEvent

17.4.3.23 Class data for QShortcutEvent

The virtual table for the QShortcutEvent class is described by Table 17-152

Table 17-152 Primary vtable for QShortcutEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QShortcutEvent
vfunc[0]:	QShortcutEvent::~QShortcutEvent()
vfunc[1]:	QShortcutEvent::~QShortcutEvent()

The Run Time Type Information for the QShortcutEvent class is described by Table 17-153

Table 17-153 typeinfo for QShortcutEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QShortcutEvent
basetype:	typeinfo for QEvent

17.4.3.24 Class data for QClipboardEvent

The virtual table for the QClipboardEvent class is described by Table 17-154

Table 17-154 Primary vtable for QClipboardEvent

Base Offset	0

Virtual Base Offset	0
RTTI	typeinfo for QClipboardEvent
vfunc[0]:	QClipboardEvent::~QClipboardEvent()
vfunc[1]:	QClipboardEvent::~QClipboardEvent()

The Run Time Type Information for the QClipboardEvent class is described by Table 17-155

Table 17-155 typeinfo for QClipboardEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QClipboardEvent
basetype:	typeinfo for QEvent

17.4.3.25 Class data for QWindowStateChangeEvent

The virtual table for the QWindowStateChangeEvent class is described by Table 17-156

Table 17-156 Primary vtable for QWindowStateChangeEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWindowStateChangeEvent
vfunc[0]:	QWindowStateChangeEvent::~QWindowStateChangeEvent()
vfunc[1]:	QWindowStateChangeEvent::~QWindowStateChangeEvent()

The Run Time Type Information for the QWindowStateChangeEvent class is described by Table 17-157

Table 17-157 typeinfo for QWindowStateChangeEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWindowStateChangeEvent
basetype:	typeinfo for QEvent

17.4.3.26 Class data for QMenubarUpdatedEvent

The virtual table for the QMenubarUpdatedEvent class is described by Table 17-158

Table 17-158 Primary vtable for QMenubarUpdatedEvent

Base Offset	0
Virtual Base Offset	0

RTTI	typeinfo for QMenubarUpdatedEvent
vfunc[0]:	NULL or QMenubarUpdatedEvent::~QMenubarUpdatedEvent()
vfunc[1]:	NULL or QMenubarUpdatedEvent::~QMenubarUpdatedEvent()

The Run Time Type Information for the QMenubarUpdatedEvent class is described by Table 17-159

Table 17-159 typeinfo for QMenubarUpdatedEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMenubarUpdatedEvent
basetype:	typeinfo for QEvent

17.4.3.27 Interfaces for Qt4 Events

An LSB conforming implementation shall provide the generic functions for Qt4 Events specified in Table 17-160, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-160 libQtGui - Qt4 Events Function Interfaces

ZN10QHelpEventC1EN6QEvent4TypeERK6QPointS4 [QtGui]	_ZN10QHelpEventC2EN6QEvent4TypeERK6QPointS4_ [QtGui]
_ZN10QHelpEventD0Ev [QtGui]	_ZN10QHelpEventD1Ev [QtGui]
_ZN10QHelpEventD2Ev [QtGui]	_ZN10QHideEventC1Ev [QtGui]
_ZN10QHideEventC2Ev [QtGui]	_ZN10QHideEventD0Ev [QtGui]
_ZN10QHideEventD1Ev [QtGui]	_ZN10QHideEventD2Ev [QtGui]
ZN10QMoveEventC1ERK6QPointS2 [QtGui]	_ZN10QMoveEventC2ERK6QPointS2_ [QtGui]
_ZN10QMoveEventD0Ev [QtGui]	_ZN10QMoveEventD1Ev [QtGui]
_ZN10QMoveEventD2Ev [QtGui]	_ZN10QShowEventC1Ev [QtGui]
_ZN10QShowEventC2Ev [QtGui]	_ZN10QShowEventD0Ev [QtGui]
_ZN10QShowEventD1Ev [QtGui]	_ZN10QShowEventD2Ev [QtGui]
_ZN11QCloseEventC1Ev [QtGui]	_ZN11QCloseEventC2Ev [QtGui]
_ZN11QCloseEventD0Ev [QtGui]	_ZN11QCloseEventD1Ev [QtGui]
_ZN11QCloseEventD2Ev [QtGui]	_ZN11QFocusEvent6reasonEv [QtGui]
_ZN11QFocusEventC1EN6QEvent4TypeEN2Qt11FocusReasonE [QtGui]	_ZN11QFocusEventC2EN6QEvent4TypeEN2Qt11FocusReasonE [QtGui]
_ZN11QFocusEventD0Ev [QtGui]	_ZN11QFocusEventD1Ev [QtGui]
_ZN11QFocusEventD2Ev [QtGui]	_ZN11QHoverEventC1EN6QEvent4TypeERK6QPointS4_ [QtGui]

ZN11QHoverEventC2EN6QEvent4TypeERK6QPointS4 [QtGui]	_ZN11QHoverEventD0Ev [QtGui]
_ZN11QHoverEventD1Ev [QtGui]	_ZN11QHoverEventD2Ev [QtGui]
_ZN11QInputEventC1EN6QEvent4TypeE6QFlagsIN2Qt16KeyboardModifierEE [QtGui]	_ZN11QInputEventC2EN6QEvent4TypeE6QFlagsIN2Qt16KeyboardModifierEE [QtGui]
_ZN11QInputEventD0Ev [QtGui]	_ZN11QInputEventD1Ev [QtGui]
_ZN11QInputEventD2Ev [QtGui]	_ZN11QMouseEventC1EN6QEvent4TypeERK6QPointN2Qt11MouseButtonE6QFlagsIS6_ES7_INS5_16KeyboardModifierEE [QtGui]
_ZN11QMouseEventC1EN6QEvent4TypeERK6QPointS4_N2Qt11MouseButtonE6QFlagsIS6_ES7_INS5_16KeyboardModifierEE [QtGui]	_ZN11QMouseEventC1EN6QEvent4TypeERK6QPointS4_ii [QtGui]
_ZN11QMouseEventC1EN6QEvent4TypeERK6QPointii [QtGui]	_ZN11QMouseEventC2EN6QEvent4TypeERK6QPointN2Qt11MouseButtonE6QFlagsIS6_ES7_INS5_16KeyboardModifierEE [QtGui]
_ZN11QMouseEventC2EN6QEvent4TypeERK6QPointS4_N2Qt11MouseButtonE6QFlagsIS6_ES7_INS5_16KeyboardModifierEE [QtGui]	_ZN11QMouseEventC2EN6QEvent4TypeERK6QPointS4_ii [QtGui]
_ZN11QMouseEventC2EN6QEvent4TypeERK6QPointii [QtGui]	_ZN11QMouseEventD0Ev [QtGui]
_ZN11QMouseEventD1Ev [QtGui]	_ZN11QMouseEventD2Ev [QtGui]
_ZN11QPaintEventC1ERK5QRect [QtGui]	_ZN11QPaintEventC1ERK7QRegion [QtGui]
_ZN11QPaintEventC1ERK7QRegionRK5QRect [QtGui]	_ZN11QPaintEventC2ERK5QRect [QtGui]
_ZN11QPaintEventC2ERK7QRegion [QtGui]	_ZN11QPaintEventC2ERK7QRegionRK5QRect [QtGui]
_ZN11QPaintEventD0Ev [QtGui]	_ZN11QPaintEventD1Ev [QtGui]
_ZN11QPaintEventD2Ev [QtGui]	_ZN11QWheelEventC1ERK6QPointS2_i6QFlagsIN2Qt11MouseButtonEES3_INS4_16KeyboardModifierEENS4_11OrientationE [QtGui]
_ZN11QWheelEventC1ERK6QPointS2_iiN2Qt11OrientationE [QtGui]	_ZN11QWheelEventC1ERK6QPointi6QFlagsIN2Qt11MouseButtonEES3_INS4_16KeyboardModifierEENS4_11OrientationE [QtGui]
_ZN11QWheelEventC1ERK6QPointiiN2Qt11OrientationE [QtGui]	_ZN11QWheelEventC2ERK6QPointS2_i6QFlagsIN2Qt11MouseButtonEES3_INS4_16KeyboardModifierEENS4_11OrientationE [QtGui]
_ZN11QWheelEventC2ERK6QPointS2_iiN2Qt11OrientationE [QtGui]	_ZN11QWheelEventC2ERK6QPointi6QFlagsIN2Qt11MouseButtonEES3_I

	NS4_16KeyboardModifierEENS4_11 OrientationE [QtGui]
_ZN11QWheelEventC2ERK6QPointi iN2Qt11OrientationE [QtGui]	_ZN11QWheelEventD0Ev [QtGui]
_ZN11QWheelEventD1Ev [QtGui]	_ZN11QWheelEventD2Ev [QtGui]
ZN12QActionEventC1EiP7QAction S1 [QtGui]	_ZN12QActionEventC2EiP7QAction S1_ [QtGui]
_ZN12QActionEventD0Ev [QtGui]	_ZN12QActionEventD1Ev [QtGui]
_ZN12QActionEventD2Ev [QtGui]	_ZN12QResizeEventC1ERK5QSizeS 2_ [QtGui]
ZN12QResizeEventC2ERK5QSizeS 2 [QtGui]	_ZN12QResizeEventD0Ev [QtGui]
_ZN12QResizeEventD1Ev [QtGui]	_ZN12QResizeEventD2Ev [QtGui]
_ZN12QTabletEventC1EN6QEvent4 TypeERK6QPointS4_RK7QPointFiid iiddi6QFlagsIN2Qt16KeyboardModi fierEEx [QtGui]	_ZN12QTabletEventC2EN6QEvent4 TypeERK6QPointS4_RK7QPointFiid iiddi6QFlagsIN2Qt16KeyboardModi fierEEx [QtGui]
_ZN12QTabletEventD0Ev [QtGui]	_ZN12QTabletEventD1Ev [QtGui]
_ZN12QTabletEventD2Ev [QtGui]	_ZN14QFileOpenEventC1ERK7QStri ng [QtGui]
_ZN14QFileOpenEventC2ERK7QStri ng [QtGui]	_ZN14QFileOpenEventD0Ev [QtGui]
_ZN14QFileOpenEventD1Ev [QtGui]	_ZN14QFileOpenEventD2Ev [QtGui]
_ZN14QIconDragEventC1Ev [QtGui]	_ZN14QIconDragEventC2Ev [QtGui]
_ZN14QIconDragEventD0Ev [QtGui]	_ZN14QIconDragEventD1Ev [QtGui]
_ZN14QIconDragEventD2Ev [QtGui]	_ZN14QShortcutEventC1ERK12QKe ySequenceib [QtGui]
_ZN14QShortcutEventC2ERK12QKe ySequenceib [QtGui]	_ZN14QShortcutEventD0Ev [QtGui]
_ZN14QShortcutEventD1Ev [QtGui]	_ZN14QShortcutEventD2Ev [QtGui]
_ZN15QStatusTipEventC1ERK7QStr ing [QtGui]	_ZN15QStatusTipEventC2ERK7QStr ing [QtGui]
_ZN15QStatusTipEventD0Ev [QtGui]	_ZN15QStatusTipEventD1Ev [QtGui]
_ZN15QStatusTipEventD2Ev [QtGui]	_ZN17QContextMenuEventC1ENS_ 6ReasonERK6QPoint [QtGui]
ZN17QContextMenuEventC1ENS 6ReasonERK6QPointS3_ [QtGui]	_ZN17QContextMenuEventC1ENS_ 6ReasonERK6QPointS3_i [QtGui]
ZN17QContextMenuEventC1ENS 6ReasonERK6QPointi [QtGui]	_ZN17QContextMenuEventC2ENS_ 6ReasonERK6QPoint [QtGui]
ZN17QContextMenuEventC2ENS 6ReasonERK6QPointS3_ [QtGui]	_ZN17QContextMenuEventC2ENS_ 6ReasonERK6QPointS3_i [QtGui]

_ZN17QContextMenuEventC2ENS_6ReasonERK6QPointi [QtGui]	_ZN17QContextMenuEventD0Ev [QtGui]
_ZN17QContextMenuEventD1Ev [QtGui]	_ZN17QContextMenuEventD2Ev [QtGui]
_ZN17QInputMethodEvent15setCommitStringERK7QStringii [QtGui]	_ZN17QInputMethodEventC1ERK7QStringRK5QListINS_9AttributeEE [QtGui]
ZN17QInputMethodEventC1ERKS [QtGui]	_ZN17QInputMethodEventC1Ev [QtGui]
_ZN17QInputMethodEventC2ERK7QStringRK5QListINS_9AttributeEE [QtGui]	_ZN17QInputMethodEventC2ERKS_ [QtGui]
_ZN17QInputMethodEventC2Ev [QtGui]	_ZN19QToolBarChangeEventC1Eb [QtGui]
_ZN19QToolBarChangeEventC2Eb [QtGui]	_ZN19QToolBarChangeEventD0Ev [QtGui]
_ZN19QToolBarChangeEventD1Ev [QtGui]	_ZN19QToolBarChangeEventD2Ev [QtGui]
_ZN20QMenubarUpdatedEventC1EP8QMenuBar [QtGui]	_ZN20QMenubarUpdatedEventC2EP8QMenuBar [QtGui]
_ZN22QWhatsThisClickedEventC1ERK7QString [QtGui]	_ZN22QWhatsThisClickedEventC2ERK7QString [QtGui]
_ZN22QWhatsThisClickedEventD0Ev [QtGui]	_ZN22QWhatsThisClickedEventD1Ev [QtGui]
_ZN22QWhatsThisClickedEventD2Ev [QtGui]	_ZN23QWindowStateChangeEventC1E6QFlagsIN2Qt11WindowStateEE [QtGui]
_ZN23QWindowStateChangeEventC1E6QFlagsIN2Qt11WindowStateEEb [QtGui]	_ZN23QWindowStateChangeEventC2E6QFlagsIN2Qt11WindowStateEE [QtGui]
_ZN23QWindowStateChangeEventC2E6QFlagsIN2Qt11WindowStateEEb [QtGui]	_ZN23QWindowStateChangeEventD0Ev [QtGui]
_ZN23QWindowStateChangeEventD1Ev [QtGui]	_ZN23QWindowStateChangeEventD2Ev [QtGui]
_ZN9QKeyEvent22createExtendedKeyEventEN6QEvent4TypeEi6QFlagsIN2Qt16KeyboardModifierEEjjjRK7QStringbt [QtXml]	_ZN9QKeyEventC1EN6QEvent4TypeEi6QFlagsIN2Qt16KeyboardModifierEERK7QStringbt [QtGui]
_ZN9QKeyEventC2EN6QEvent4TypeEi6QFlagsIN2Qt16KeyboardModifierEERK7QStringbt [QtGui]	_ZN9QKeyEventD0Ev [QtGui]
_ZN9QKeyEventD1Ev [QtGui]	_ZN9QKeyEventD2Ev [QtGui]
_ZNK11QFocusEvent6reasonEv [QtXml]	_ZNK17QContextMenuEvent5stateEv [QtGui]
_ZNK23QWindowStateChangeEven	_ZNK9QKeyEvent14nativeScanCode

t10isOverrideEv [QtGui]	Ev [QtXml]
_ZNK9QKeyEvent15nativeModifiers Ev [QtXml]	_ZNK9QKeyEvent16nativeVirtualKe yEv [QtXml]
_ZNK9QKeyEvent7matchesEN12QK eySequence11StandardKeyE [QtXml]	_ZNK9QKeyEvent9modifiersEv [QtGui]
_Zls6QDebugPK6QEvent [QtGui]	

17.4.4 Qt4 Fonts

17.4.4.1 Interfaces for Qt4 Fonts

An LSB conforming implementation shall provide the generic functions for Qt4 Fonts specified in Table 17-161, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-161 libQtGui - Qt4 Fonts Function Interfaces

_ZN12QFontMetricsC1ERK5QFont [QtGui]	_ZN12QFontMetricsC1ERK5QFontP 12QPaintDevice [QtGui]
ZN12QFontMetricsC1ERKS [QtGui]	_ZN12QFontMetricsC2ERK5QFont [QtGui]
_ZN12QFontMetricsC2ERK5QFontP 12QPaintDevice [QtGui]	_ZN12QFontMetricsC2ERKS_ [QtGui]
_ZN12QFontMetricsD1Ev [QtGui]	_ZN12QFontMetricsD2Ev [QtGui]
ZN12QFontMetricsaSERKS [QtGui]	_ZN12QFontMetricseqERKS_ [QtGui]
_ZN13QFontComboBox11qt_metaca llEN11QMetaObject4CallEiPPv [QtXml]	_ZN13QFontComboBox11qt_metaca stEPKc [QtXml]
_ZN13QFontComboBox14setCurrent FontERK5QFont [QtXml]	_ZN13QFontComboBox14setFontFilt ersE6QFlagsINS_10FontFilterEE [QtXml]
_ZN13QFontComboBox16setWriting SystemEN13QFontDatabase13Writin gSystemE [QtXml]	_ZN13QFontComboBox18currentFo ntChangedERK5QFont [QtXml]
_ZN13QFontComboBox5eventEP6Q Event [QtXml]	_ZN13QFontComboBoxC1EP7QWid get [QtXml]
_ZN13QFontComboBoxC2EP7QWid get [QtXml]	_ZN13QFontComboBoxD0Ev [QtXml]
_ZN13QFontComboBoxD1Ev [QtXml]	_ZN13QFontComboBoxD2Ev [QtXml]
ZN13QFontDatabase10pointSizesE RK7QStringS2 [QtGui]	_ZN13QFontDatabase11smoothSizes ERK7QStringS2_ [QtGui]
_ZN13QFontDatabase11styleStringE RK5QFont [QtGui]	_ZN13QFontDatabase11styleStringE RK9QFontInfo [QtGui]
_ZN13QFontDatabase13standardSiz esEv [QtGui]	_ZN13QFontDatabase17writingSyste mNameENS_13WritingSystemE [QtGui]

_ZN13QFontDatabase18addApplicationFontERK7QString [QtXml]	_ZN13QFontDatabase19writingSystemSampleENS_13WritingSystemE [QtGui]
_ZN13QFontDatabase21removeApplicationFontEi [QtXml]	_ZN13QFontDatabase23applicationFontFamiliesEi [QtXml]
_ZN13QFontDatabase25removeAllApplicationFontsEv [QtXml]	_ZN13QFontDatabase26addApplicationFontFromDataERK10QByteArray [QtXml]
_ZN13QFontDatabaseC1Ev [QtGui]	_ZN13QFontDatabaseC2Ev [QtGui]
_ZN13QFontMetricsFC1ERK12QFontMetrics [QtXml]	_ZN13QFontMetricsFC1ERK5QFont [QtGui]
_ZN13QFontMetricsFC1ERK5QFontP12QPaintDevice [QtGui]	_ZN13QFontMetricsFC1ERKS_ [QtGui]
_ZN13QFontMetricsFC2ERK12QFontMetrics [QtXml]	_ZN13QFontMetricsFC2ERK5QFont [QtGui]
_ZN13QFontMetricsFC2ERK5QFontP12QPaintDevice [QtGui]	_ZN13QFontMetricsFC2ERKS_ [QtGui]
_ZN13QFontMetricsFD1Ev [QtGui]	_ZN13QFontMetricsFD2Ev [QtGui]
_ZN13QFontMetricsFaSERK12QFontMetrics [QtXml]	_ZN13QFontMetricsFaSERKS_ [QtGui]
ZN13QFontMetricsFeqERKS [QtGui]	_ZN5QFont10fromStringERK7QString [QtGui]
_ZN5QFont10initializeEv [QtGui]	_ZN5QFont10setKerningEb [QtGui]
_ZN5QFont10setRawModeEb [QtGui]	_ZN5QFont10setRawNameERK7QString [QtGui]
_ZN5QFont10setStretchEi [QtGui]	_ZN5QFont10substituteERK7QString [QtGui]
_ZN5QFont11defaultFontEv [QtGui]	_ZN5QFont11setOverlineEb [QtGui]
_ZN5QFont11substitutesERK7QString [QtGui]	_ZN5QFont12setPixelSizeEi [QtGui]
_ZN5QFont12setPointSizeEi [QtGui]	_ZN5QFont12setStrikeOutEb [QtGui]
_ZN5QFont12setStyleHintENS_9StyleHintENS_13StyleStrategyE [QtGui]	_ZN5QFont12setUnderlineEb [QtGui]
_ZN5QFont13setFixedPitchEb [QtGui]	_ZN5QFont13setPointSizeFEd [QtGui]
_ZN5QFont13substitutionsEv [QtGui]	_ZN5QFont14setDefaultFontERKS_ [QtGui]
_ZN5QFont15cacheStatisticsEv [QtGui]	_ZN5QFont16setStyleStrategyENS_13StyleStrategyE [QtGui]
_ZN5QFont17setPixelSizeFloatEd [QtGui]	_ZN5QFont18insertSubstitutionERK7QStringS2_ [QtGui]
_ZN5QFont18removeSubstitutionERK7QString [QtGui]	_ZN5QFont19insertSubstitutionsERK7QStringRK11QStringList [QtGui]
_ZN5QFont7cleanupEv [QtGui]	_ZN5QFont8setStyleENS_5StyleE

	[QtGui]
_ZN5QFont9setFamilyERK7QString [QtGui]	_ZN5QFont9setWeightEi [QtGui]
_ZN5QFontC1ERK7QStringiib [QtGui]	_ZN5QFontC1ERKS_ [QtGui]
_ZN5QFontC1ERKS_P12QPaintDevice [QtGui]	_ZN5QFontC1Ev [QtGui]
_ZN5QFontC2ERK7QStringiib [QtGui]	_ZN5QFontC2ERKS_ [QtGui]
_ZN5QFontC2ERKS_P12QPaintDevice [QtGui]	_ZN5QFontC2Ev [QtGui]
_ZN5QFontD1Ev [QtGui]	_ZN5QFontD2Ev [QtGui]
ZN5QFontaSERKS [QtGui]	_ZN9QFontInfoC1ERK5QFont [QtGui]
ZN9QFontInfoC1ERKS [QtGui]	_ZN9QFontInfoC2ERK5QFont [QtGui]
ZN9QFontInfoC2ERKS [QtGui]	_ZN9QFontInfoD1Ev [QtGui]
_ZN9QFontInfoD2Ev [QtGui]	_ZN9QFontInfoaSERKS_ [QtGui]
_ZNK12QFontMetrics10elidedTextERK7QStringN2Qt13TextElideModeEii [QtXml]	_ZNK12QFontMetrics11leftBearingE5QChar [QtGui]
_ZNK12QFontMetrics11lineSpacingEv [QtGui]	_ZNK12QFontMetrics11overlinePosEv [QtGui]
_ZNK12QFontMetrics12boundingRectE5QChar [QtGui]	_ZNK12QFontMetrics12boundingRectERK5QRectiRK7QStringiPi [QtGui]
_ZNK12QFontMetrics12boundingRectERK7QString [QtGui]	_ZNK12QFontMetrics12rightBearingE5QChar [QtGui]
_ZNK12QFontMetrics12strikeOutPosEv [QtGui]	_ZNK12QFontMetrics12underlinePosEv [QtGui]
_ZNK12QFontMetrics14minLeftBearingEv [QtGui]	_ZNK12QFontMetrics15minRightBearingEv [QtGui]
_ZNK12QFontMetrics16averageCharWidthEv [QtXml]	_ZNK12QFontMetrics4sizeEiRK7QStringiPi [QtGui]
_ZNK12QFontMetrics5widthE5QChar [QtGui]	_ZNK12QFontMetrics5widthERK7QStringi [QtGui]
_ZNK12QFontMetrics6ascentEv [QtGui]	_ZNK12QFontMetrics6heightEv [QtGui]
_ZNK12QFontMetrics6inFontE5QChar [QtGui]	_ZNK12QFontMetrics7descentEv [QtGui]
_ZNK12QFontMetrics7leadingEv [QtGui]	_ZNK12QFontMetrics7xHeightEv [QtGui]
_ZNK12QFontMetrics8maxWidthEv [QtGui]	_ZNK12QFontMetrics9charWidthERK7QStringi [QtGui]
_ZNK12QFontMetrics9lineWidthEv	_ZNK12QFontMetricseqERKS_

[QtGui]	[QtGui]
_ZNK13QFontComboBox10metaObjectEv [QtXml]	_ZNK13QFontComboBox11currentFontEv [QtXml]
_ZNK13QFontComboBox11fontFiltersEv [QtXml]	_ZNK13QFontComboBox13writingSystemEv [QtXml]
_ZNK13QFontComboBox8sizeHintEv [QtXml]	_ZNK13QFontDatabase10isScalableERK7QStringS2_ [QtGui]
ZNK13QFontDatabase12isFixedPitchERK7QStringS2 [QtGui]	_ZNK13QFontDatabase14writingSystemsERK7QString [QtXml]
_ZNK13QFontDatabase14writingSystemsEv [QtGui]	_ZNK13QFontDatabase16isBitmapScalableERK7QStringS2_ [QtGui]
ZNK13QFontDatabase18isSmoothlyScalableERK7QStringS2 [QtGui]	_ZNK13QFontDatabase4boldERK7QStringS2_ [QtGui]
_ZNK13QFontDatabase4fontERK7QStringS2_i [QtGui]	_ZNK13QFontDatabase6italicERK7QStringS2_ [QtGui]
_ZNK13QFontDatabase6stylesERK7QString [QtGui]	_ZNK13QFontDatabase6weightERK7QStringS2_ [QtGui]
_ZNK13QFontDatabase8familiesENS_13WritingSystemE [QtGui]	_ZNK13QFontMetricsF10elidedTextERK7QStringN2Qt13TextElideModeEdi [QtXml]
_ZNK13QFontMetricsF11leftBearingE5QChar [QtGui]	_ZNK13QFontMetricsF11lineSpacingEv [QtGui]
_ZNK13QFontMetricsF11overlinePosEv [QtGui]	_ZNK13QFontMetricsF12boundingRectE5QChar [QtGui]
_ZNK13QFontMetricsF12boundingRectERK6QRectFiRK7QStringiPi [QtGui]	_ZNK13QFontMetricsF12boundingRectERK7QString [QtGui]
_ZNK13QFontMetricsF12rightBearingE5QChar [QtGui]	_ZNK13QFontMetricsF12strikeOutPosEv [QtGui]
_ZNK13QFontMetricsF12underlinePosEv [QtGui]	_ZNK13QFontMetricsF14minLeftBearingEv [QtGui]
_ZNK13QFontMetricsF15minRightBearingEv [QtGui]	_ZNK13QFontMetricsF16averageCharWidthEv [QtXml]
_ZNK13QFontMetricsF4sizeEiRK7QStringiPi [QtGui]	_ZNK13QFontMetricsF5widthE5QChar [QtGui]
_ZNK13QFontMetricsF5widthERK7QString [QtGui]	_ZNK13QFontMetricsF6ascentEv [QtGui]
_ZNK13QFontMetricsF6heightEv [QtGui]	_ZNK13QFontMetricsF6inFontE5QChar [QtGui]
_ZNK13QFontMetricsF7descentEv [QtGui]	_ZNK13QFontMetricsF7leadingEv [QtGui]
_ZNK13QFontMetricsF7xHeightEv [QtGui]	_ZNK13QFontMetricsF8maxWidthEv [QtGui]
_ZNK13QFontMetricsF9lineWidthEv [QtGui]	_ZNK13QFontMetricsFeqERKS_ [QtGui]
_ZNK5QFont10exactMatchEv	_ZNK5QFont10fixedPitchEv [QtGui]

[QtGui]	
_ZNK5QFont10pointSizeFEv [QtGui]	_ZNK5QFont13defaultFamilyEv [QtGui]
_ZNK5QFont13styleStrategyEv [QtGui]	_ZNK5QFont14lastResortFontEv [QtGui]
_ZNK5QFont16lastResortFamilyEv [QtGui]	_ZNK5QFont3keyEv [QtGui]
_ZNK5QFont5styleEv [QtGui]	_ZNK5QFont6familyEv [QtGui]
_ZNK5QFont6handleEv [QtGui]	_ZNK5QFont6weightEv [QtGui]
_ZNK5QFont7kerningEv [QtGui]	_ZNK5QFont7rawModeEv [QtGui]
_ZNK5QFont7rawNameEv [QtGui]	_ZNK5QFont7resolveERKS_ [QtGui]
_ZNK5QFont7stretchEv [QtGui]	_ZNK5QFont8isCopyOfERKS_ [QtGui]
_ZNK5QFont8overlineEv [QtGui]	_ZNK5QFont8toStringEv [QtGui]
_ZNK5QFont9pixelSizeEv [QtGui]	_ZNK5QFont9pointSizeEv [QtGui]
_ZNK5QFont9strikeOutEv [QtGui]	_ZNK5QFont9styleHintEv [QtGui]
_ZNK5QFont9underlineEv [QtGui]	_ZNK5QFontcv8QVariantEv [QtGui]
ZNK5QFonteqERKS [QtGui]	_ZNK5QFontltERKS_ [QtGui]
ZNK5QFontneERKS [QtGui]	_ZNK9QFontInfo10exactMatchEv [QtGui]
_ZNK9QFontInfo10fixedPitchEv [QtGui]	_ZNK9QFontInfo10pointSizeFEv [QtGui]
_ZNK9QFontInfo5styleEv [QtGui]	_ZNK9QFontInfo6familyEv [QtGui]
_ZNK9QFontInfo6italicEv [QtGui]	_ZNK9QFontInfo6weightEv [QtGui]
_ZNK9QFontInfo7rawModeEv [QtGui]	_ZNK9QFontInfo8overlineEv [QtGui]
_ZNK9QFontInfo9pixelSizeEv [QtGui]	_ZNK9QFontInfo9pointSizeEv [QtGui]
_ZNK9QFontInfo9strikeOutEv [QtGui]	_ZNK9QFontInfo9styleHintEv [QtGui]
_ZNK9QFontInfo9underlineEv [QtGui]	_ZlsR11QDataStreamRK5QFont [QtGui]
_ZrsR11QDataStreamR5QFont [QtGui]	

17.4.5 Qt4 Colors

17.4.5.1 Interfaces for Qt4 Colors

An LSB conforming implementation shall provide the generic functions for Qt4 Colors specified in Table 17-162, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-162 libQtGui - Qt4 Colors Function Interfaces

_ZN6QColor10colorNamesEv	_ZN6QColor10invalidateEv [QtGui]

[QtGui]	
_ZN6QColor13setNamedColorERK7QString [QtGui]	_ZN6QColor6setHsvEiiii [QtGui]
_ZN6QColor6setRedEi [QtGui]	_ZN6QColor6setRgbEiiii [QtGui]
_ZN6QColor6setRgbEj [QtGui]	_ZN6QColor7fromHsvEiiii [QtGui]
_ZN6QColor7fromRgbEiiii [QtGui]	_ZN6QColor7fromRgbEj [QtGui]
_ZN6QColor7getCmykEPiS0_S0_S0_S0_ [QtGui]	_ZN6QColor7setBlueEi [QtGui]
_ZN6QColor7setCmykEiiiii [QtGui]	_ZN6QColor7setHsvFEdddd [QtGui]
_ZN6QColor7setRedFEd [QtGui]	_ZN6QColor7setRgbFEdddd [QtGui]
_ZN6QColor7setRgbaEj [QtGui]	_ZN6QColor8fromCmykEiiiii [QtGui]
_ZN6QColor8fromHsvFEdddd [QtGui]	_ZN6QColor8fromRgbFEdddd [QtGui]
_ZN6QColor8fromRgbaEj [QtGui]	_ZN6QColor8getCmykFEPdS0_S0_S0_S0_ [QtGui]
_ZN6QColor8setAlphaEi [QtGui]	_ZN6QColor8setBlueFEd [QtGui]
_ZN6QColor8setCmykFEddddd [QtGui]	_ZN6QColor8setGreenEi [QtGui]
_ZN6QColor9fromCmykFEddddd [QtGui]	_ZN6QColor9setAlphaFEd [QtGui]
_ZN6QColor9setGreenFEd [QtGui]	_ZN6QColorC1EN2Qt11GlobalColorE [QtGui]
_ZN6QColorC1ENS_4SpecE [QtXml]	_ZN6QColorC1Ej [QtGui]
_ZN6QColorC2EN2Qt11GlobalColorE [QtGui]	_ZN6QColorC2ENS_4SpecE [QtXml]
_ZN6QColorC2Ej [QtGui]	_ZN6QColoraSEN2Qt11GlobalColorE [QtGui]
ZN6QColoraSERKS [QtGui]	_ZN8QPalette13setColorGroupENS_10ColorGroupERK6QBrushS3_S3_S3_S3_S3_S3_S3_S3_ [QtGui]
_ZN8QPalette8setBrushENS_10ColorGroupENS_9ColorRoleERK6QBrush [QtGui]	_ZN8QPaletteC1EN2Qt11GlobalColorE [QtGui]
_ZN8QPaletteC1ERK11QColorGroupS2_S2_ [QtGui]	_ZN8QPaletteC1ERK6QBrushS2_S2_S2_S2_S2_S2_S2_S2_ [QtGui]
_ZN8QPaletteC1ERK6QColor [QtGui]	_ZN8QPaletteC1ERK6QColorS2_ [QtGui]
_ZN8QPaletteC1ERK6QColorS2_S2_S2_S2_S2_S2_ [QtGui]	_ZN8QPaletteC1ERKS_ [QtGui]
_ZN8QPaletteC1Ev [QtGui]	_ZN8QPaletteC2EN2Qt11GlobalColorE [QtGui]
_ZN8QPaletteC2ERK11QColorGrou	_ZN8QPaletteC2ERK6QBrushS2_S2_

pS2_S2_ [QtGui]	S2_S2_S2_S2_S2_S2_ [QtGui]
_ZN8QPaletteC2ERK6QColor [QtGui]	_ZN8QPaletteC2ERK6QColorS2_ [QtGui]
_ZN8QPaletteC2ERK6QColorS2_S2_S2_S2_S2_S2_ [QtGui]	_ZN8QPaletteC2ERKS_ [QtGui]
_ZN8QPaletteC2Ev [QtGui]	_ZN8QPaletteD1Ev [QtGui]
_ZN8QPaletteD2Ev [QtGui]	_ZN8QPaletteaSERKS_ [QtGui]
_ZN9QColormap10initializeEv [QtGui]	_ZN9QColormap7cleanupEv [QtGui]
_ZN9QColormap8instanceEi [QtGui]	_ZN9QColormapC1ERKS_ [QtGui]
ZN9QColormapC2ERKS [QtGui]	_ZN9QColormapD1Ev [QtGui]
_ZN9QColormapD2Ev [QtGui]	_ZN9QColormapaSERKS_ [QtXml]
_ZNK11QColorGroupcv8QVariantEv [QtGui]	_ZNK11QColorGroupeqERKS_ [QtGui]
_ZNK6QColor10saturationEv [QtGui]	_ZNK6QColor11saturationFEv [QtGui]
_ZNK6QColor3hueEv [QtGui]	_ZNK6QColor3redEv [QtGui]
_ZNK6QColor3rgbEv [QtGui]	_ZNK6QColor4blueEv [QtGui]
_ZNK6QColor4cyanEv [QtGui]	_ZNK6QColor4darkEi [QtGui]
_ZNK6QColor4hueFEv [QtGui]	_ZNK6QColor4nameEv [QtGui]
_ZNK6QColor4redFEv [QtGui]	_ZNK6QColor4rgbaEv [QtGui]
_ZNK6QColor5alphaEv [QtGui]	_ZNK6QColor5blackEv [QtGui]
_ZNK6QColor5blueFEv [QtGui]	_ZNK6QColor5cyanFEv [QtGui]
_ZNK6QColor5greenEv [QtGui]	_ZNK6QColor5lightEi [QtGui]
_ZNK6QColor5pixelEi [QtGui]	_ZNK6QColor5toHsvEv [QtGui]
_ZNK6QColor5toRgbEv [QtGui]	_ZNK6QColor5valueEv [QtGui]
_ZNK6QColor6alphaFEv [QtGui]	_ZNK6QColor6blackFEv [QtGui]
_ZNK6QColor6getHsvEPiS0_S0_S0_ [QtGui]	_ZNK6QColor6getRgbEPiS0_S0_S0_ [QtGui]
_ZNK6QColor6greenFEv [QtGui]	_ZNK6QColor6toCmykEv [QtGui]
_ZNK6QColor6valueFEv [QtGui]	_ZNK6QColor6yellowEv [QtGui]
_ZNK6QColor7getHsvFEPdS0_S0_S0_ [QtGui]	_ZNK6QColor7getRgbFEPdS0_S0_S0_ [QtGui]
_ZNK6QColor7magentaEv [QtGui]	_ZNK6QColor7yellowFEv [QtGui]
_ZNK6QColor8magentaFEv [QtGui]	_ZNK6QColor9convertToENS_4SpecE [QtGui]
_ZNK6QColorcv8QVariantEv [QtGui]	_ZNK6QColoreqERKS_ [QtGui]
ZNK6QColorneERKS [QtGui]	_ZNK8QPalette10isBrushSetENS_10ColorGroupENS_9ColorRoleE [QtXml]
_ZNK8QPalette12serialNumberEv [QtGui]	_ZNK8QPalette5brushENS_10ColorGroupENS_9ColorRoleE [QtGui]

_ZNK8QPalette7isEqualENS_10ColorGroupES0_ [QtGui]	_ZNK8QPalette7resolveERKS_ [QtGui]
ZNK8QPalette8isCopyOfERKS [QtGui]	_ZNK8QPalettecv8QVariantEv [QtGui]
ZNK8QPaletteeqERKS [QtGui]	_ZNK9QColormap4modeEv [QtGui]
_ZNK9QColormap4sizeEv [QtGui]	_ZNK9QColormap5depthEv [QtGui]
_ZNK9QColormap5pixelERK6QColor [QtGui]	_ZNK9QColormap7colorAtEj [QtGui]
_ZNK9QColormap8colormapEv [QtGui]	_Zls6QDebugRK6QColor [QtGui]
_ZlsR11QDataStreamRK11QColorGroup [QtGui]	_ZlsR11QDataStreamRK6QColor [QtGui]
_ZlsR11QDataStreamRK8QPalette [QtGui]	_ZrsR11QDataStreamR11QColorGroup [QtGui]
_ZrsR11QDataStreamR6QColor [QtGui]	_ZrsR11QDataStreamR8QPalette [QtGui]

17.4.6 Qt4 Accessibility

17.4.6.1 Class data for QAccessibleBridgeFactoryInterface

The virtual table for the QAccessibleBridgeFactoryInterface class is described by Table 17-163

Table 17-163 Primary vtable for QAccessibleBridgeFactoryInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAccessibleBridgeFactoryInterface
vfunc[0]:	NULL or QAccessibleBridgeFactoryInterface::~QAccessibleBridgeFactoryInterface()
vfunc[1]:	NULL or QAccessibleBridgeFactoryInterface::~QAccessibleBridgeFactoryInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QAccessibleBridgeFactoryInterface class is described by Table 17-164

Table 17-164 typeinfo for QAccessibleBridgeFactoryInterface

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAccessibleBridgeFactoryInterface

basetype:	typeinfo for QFactoryInterface

17.4.6.2 Class data for QAccessibleBridgePlugin

The virtual table for the QAccessibleBridgePlugin class is described by Table 17-165

Table 17-165 Primary vtable for QAccessibleBridgePlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAccessibleBridgePlugin
vfunc[0]:	QAccessibleBridgePlugin::metaObject() const
vfunc[1]:	QAccessibleBridgePlugin::qt_metacast(char const*)
vfunc[2]:	QAccessibleBridgePlugin::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAccessibleBridgePlugin::~QAccessibleBridgePlugin()
vfunc[4]:	QAccessibleBridgePlugin::~QAccessibleBridgePlugin()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual

The Run Time Type Information for the QAccessibleBridgePlugin class is described by Table 17-166

Table 17-166 typeinfo for QAccessibleBridgePlugin

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QAccessibleBridgePlugin	
flags:	0	
basetype:	typeinfo for QObject	2

basetype:	typeinfo for QAccessibleBridgeFactoryInterface	2050

17.4.6.3 Class data for QAccessibleInterface

The virtual table for the QAccessibleInterface class is described by Table 17-167

Table 17-167 Primary vtable for QAccessibleInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAccessibleInterface
vfunc[0]:	NULL or QAccessibleInterface::~QAccessibleInterface()
vfunc[1]:	NULL or QAccessibleInterface::~QAccessibleInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	__cxa_pure_virtual
vfunc[10]:	__cxa_pure_virtual
vfunc[11]:	__cxa_pure_virtual
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	__cxa_pure_virtual

The Run Time Type Information for the QAccessibleInterface class is described by Table 17-168

Table 17-168 typeinfo for QAccessibleInterface

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAccessibleInterface
basetype:	typeinfo for QAccessible

17.4.6.4 Class data for QAccessibleObject

The virtual table for the QAccessibleObject class is described by Table 17-169

Table 17-169 Primary vtable for QAccessibleObject

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAccessibleObject
vfunc[0]:	QAccessibleObject::~QAccessibleObject()
vfunc[1]:	QAccessibleObject::~QAccessibleObject()
vfunc[2]:	QAccessibleObject::isValid() const
vfunc[3]:	QAccessibleObject::object() const
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	__cxa_pure_virtual
vfunc[10]:	QAccessibleObject::setText(QAccessible::Text, int, QString const&)
vfunc[11]:	QAccessibleObject::rect(int) const
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	QAccessibleObject::userActionCount(int) const
vfunc[15]:	QAccessibleObject::actionText(int, QAccessible::Text, int) const
vfunc[16]:	QAccessibleObject::doAction(int, int, QList<QVariant> const&)

The Run Time Type Information for the QAccessibleObject class is described by Table 17-170

Table 17-170 typeinfo for QAccessibleObject

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAccessibleObject
basetype:	typeinfo for QAccessibleInterface

17.4.6.5 Class data for QAccessibleApplication

The virtual table for the QAccessibleApplication class is described by Table 17-171

Table 17-171 Primary vtable for QAccessibleApplication

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAccessibleApplication

vfunc[0]:	NULL or QAccessibleApplication::~QAccessibleApplication()
vfunc[1]:	NULL or QAccessibleApplication::~QAccessibleApplication()
vfunc[2]:	QAccessibleObject::isValid() const
vfunc[3]:	QAccessibleObject::object() const
vfunc[4]:	QAccessibleApplication::childCount() const
vfunc[5]:	QAccessibleApplication::indexOfChild(QAccessibleInterface const*) const
vfunc[6]:	QAccessibleApplication::relationTo(int, QAccessibleInterface const*, int) const
vfunc[7]:	QAccessibleApplication::childAt(int, int) const
vfunc[8]:	QAccessibleApplication::navigate(QAccessible::RelationFlag, int, QAccessibleInterface**) const
vfunc[9]:	QAccessibleApplication::text(QAccessible::Text, int) const
vfunc[10]:	QAccessibleObject::setText(QAccessible::Text, int, QString const&)
vfunc[11]:	QAccessibleObject::rect(int) const
vfunc[12]:	QAccessibleApplication::role(int) const
vfunc[13]:	QAccessibleApplication::state(int) const
vfunc[14]:	QAccessibleApplication::userActionCount(int) const
vfunc[15]:	QAccessibleApplication::actionText(int, QAccessible::Text, int) const
vfunc[16]:	QAccessibleApplication::doAction(int, int, QList<QVariant> const&)

The Run Time Type Information for the QAccessibleApplication class is described by Table 17-172

Table 17-172 typeinfo for QAccessibleApplication

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAccessibleApplication
basetype:	typeinfo for QAccessibleObject

17.4.6.6 Class data for QAccessibleWidget

The virtual table for the QAccessibleWidget class is described by Table 17-173

Table 17-173 Primary vtable for QAccessibleWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAccessibleWidget
vfunc[0]:	QAccessibleWidget::~QAccessibleWidget()
vfunc[1]:	QAccessibleWidget::~QAccessibleWidget()
vfunc[2]:	QAccessibleObject::isValid() const
vfunc[3]:	QAccessibleObject::object() const
vfunc[4]:	QAccessibleWidget::childCount() const
vfunc[5]:	QAccessibleWidget::indexOfChild(QAccessibleInterface const*) const
vfunc[6]:	QAccessibleWidget::relationTo(int, QAccessibleInterface const*, int) const
vfunc[7]:	QAccessibleWidget::childAt(int, int) const
vfunc[8]:	QAccessibleWidget::navigate(QAccessible::RelationFlag, int, QAccessibleInterface**) const
vfunc[9]:	QAccessibleWidget::text(QAccessible::Text, int) const
vfunc[10]:	QAccessibleObject::setText(QAccessible::Text, int, QString const&)
vfunc[11]:	QAccessibleWidget::rect(int) const
vfunc[12]:	QAccessibleWidget::role(int) const
vfunc[13]:	QAccessibleWidget::state(int) const
vfunc[14]:	QAccessibleObject::userActionCount (int) const
vfunc[15]:	QAccessibleWidget::actionText(int, QAccessible::Text, int) const
vfunc[16]:	QAccessibleWidget::doAction(int, int, QList<QVariant> const&)

The Run Time Type Information for the QAccessibleWidget class is described by Table 17-174

Table 17-174 typeinfo for QAccessibleWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for

	QAccessibleWidget
basetype:	typeinfo for QAccessibleObject

17.4.6.7 Class data for QAccessibleFactoryInterface

The virtual table for the QAccessibleFactoryInterface class is described by Table 17-175

Table 17-175 Primary vtable for QAccessibleFactoryInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAccessibleFactoryInterface
vfunc[0]:	NULL or QAccessibleFactoryInterface::~QAccessibleFactoryInterface()
vfunc[1]:	NULL or QAccessibleFactoryInterface::~QAccessibleFactoryInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QAccessibleFactoryInterface class is described by Table 17-176

Table 17-176 typeinfo for QAccessibleFactoryInterface

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QAccessibleFactoryInterface	
flags:	0	
basetype:	typeinfo for QAccessible	2
basetype:	typeinfo for QFactoryInterface	2

17.4.6.8 Class data for QAccessiblePlugin

The virtual table for the QAccessiblePlugin class is described by Table 17-177

Table 17-177 Primary vtable for QAccessiblePlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAccessiblePlugin
vfunc[0]:	QAccessiblePlugin::metaObject() const

vfunc[1]:	QAccessiblePlugin::qt_metacast(char const*)
vfunc[2]:	QAccessiblePlugin::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAccessiblePlugin::~QAccessiblePlugin()
vfunc[4]:	QAccessiblePlugin::~QAccessiblePlugin()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual

The Run Time Type Information for the QAccessiblePlugin class is described by Table 17-178

Table 17-178 typeinfo for QAccessiblePlugin

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QAccessiblePlugin	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QAccessibleFactoryInterface	2050

17.4.6.9 Interfaces for Qt4 Accessibility

An LSB conforming implementation shall provide the generic functions for Qt4 Accessibility specified in Table 17-179, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-179 libQtGui - Qt4 Accessibility Function Interfaces

_ZN11QAccessible10initializeEv [QtGui]	_ZN11QAccessible13removeFactoryEPFP20QAccessibleInterfaceRK7QStringP7QObjectE [QtGui]
_ZN11QAccessible13setRootObjectEP7QObject [QtGui]	_ZN11QAccessible14installFactoryEPFP20QAccessibleInterfaceRK7QStri

	ngP7QObjectE [QtGui]
_ZN11QAccessible19updateAccessibilityEP7QObjectiNS_5EventE [QtGui]	_ZN11QAccessible20installUpdateHandlerEPFvP7QObjectiNS_5EventEE [QtGui]
_ZN11QAccessible24installRootObjectHandlerEPFvP7QObjectE [QtGui]	_ZN11QAccessible24queryAccessibleInterfaceEP7QObject [QtGui]
_ZN11QAccessible7cleanupEv [QtGui]	_ZN11QAccessible8isActiveEv [QtGui]
_ZN17QAccessibleObject7setTextEN11QAccessible4TextEiRK7QString [QtGui]	_ZN17QAccessibleObject8doActionEiiRK5QListI8QVariantE [QtGui]
_ZN17QAccessibleObjectC1EP7QObject [QtGui]	_ZN17QAccessibleObjectC2EP7QObject [QtGui]
_ZN17QAccessibleObjectD0Ev [QtGui]	_ZN17QAccessibleObjectD1Ev [QtGui]
_ZN17QAccessibleObjectD2Ev [QtGui]	_ZN17QAccessiblePlugin11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN17QAccessiblePlugin11qt_metacastEPKc [QtGui]	_ZN17QAccessiblePluginC1EP7QObject [QtGui]
_ZN17QAccessiblePluginC2EP7QObject [QtGui]	_ZN17QAccessiblePluginD0Ev [QtGui]
_ZN17QAccessiblePluginD1Ev [QtGui]	_ZN17QAccessiblePluginD2Ev [QtGui]
_ZN17QAccessibleWidget14setAcceleratorERK7QString [QtGui]	_ZN17QAccessibleWidget14setDescriptionERK7QString [QtGui]
_ZN17QAccessibleWidget20addControllingSignalERK7QString [QtGui]	_ZN17QAccessibleWidget7setHelpERK7QString [QtGui]
_ZN17QAccessibleWidget8doActionEiiRK5QListI8QVariantE [QtGui]	_ZN17QAccessibleWidget8setValueERK7QString [QtGui]
_ZN17QAccessibleWidgetC1EP7QWidgetN11QAccessible4RoleERK7QString [QtGui]	_ZN17QAccessibleWidgetC2EP7QWidgetN11QAccessible4RoleERK7QString [QtGui]
_ZN17QAccessibleWidgetD0Ev [QtGui]	_ZN17QAccessibleWidgetD1Ev [QtGui]
_ZN17QAccessibleWidgetD2Ev [QtGui]	_ZN20QAccessibleInterface12invokeMethodEN11QAccessible6MethodEiRK5QListI8QVariantE [QtXml]
_ZN22QAccessibleApplication8doActionEiiRK5QListI8QVariantE [QtGui]	_ZN22QAccessibleApplicationC1Ev [QtGui]
_ZN22QAccessibleApplicationC2Ev [QtGui]	_ZN23QAccessibleBridgePlugin11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN23QAccessibleBridgePlugin11qt_metacastEPKc [QtGui]	_ZN23QAccessibleBridgePluginC1EP7QObject [QtGui]

_ZN23QAccessibleBridgePluginC2EP7QObject [QtGui]	_ZN23QAccessibleBridgePluginD0Ev [QtGui]
_ZN23QAccessibleBridgePluginD1Ev [QtGui]	_ZN23QAccessibleBridgePluginD2Ev [QtGui]
_ZNK17QAccessibleObject10actionTextEiN11QAccessible4TextEi [QtGui]	_ZNK17QAccessibleObject15userActionCountEi [QtGui]
_ZNK17QAccessibleObject4rectEi [QtGui]	_ZNK17QAccessibleObject6objectEv [QtGui]
_ZNK17QAccessibleObject7isValidEv [QtGui]	_ZNK17QAccessiblePlugin10metaObjectEv [QtGui]
_ZNK17QAccessibleWidget10actionTextEiN11QAccessible4TextEi [QtGui]	_ZNK17QAccessibleWidget10childCountEv [QtGui]
_ZNK17QAccessibleWidget10relationToEiPK20QAccessibleInterfacei [QtGui]	_ZNK17QAccessibleWidget12indexOfChildEPK20QAccessibleInterface [QtGui]
_ZNK17QAccessibleWidget12parentObjectEv [QtGui]	_ZNK17QAccessibleWidget4rectEi [QtGui]
_ZNK17QAccessibleWidget4roleEi [QtGui]	_ZNK17QAccessibleWidget4textEN11QAccessible4TextEi [QtGui]
_ZNK17QAccessibleWidget5stateEi [QtGui]	_ZNK17QAccessibleWidget6widgetEv [QtGui]
_ZNK17QAccessibleWidget7childAtEii [QtGui]	_ZNK17QAccessibleWidget8navigateEN11QAccessible12RelationFlagEiPP20QAccessibleInterface [QtGui]
_ZNK22QAccessibleApplication10actionTextEiN11QAccessible4TextEi [QtGui]	_ZNK22QAccessibleApplication10childCountEv [QtGui]
_ZNK22QAccessibleApplication10relationToEiPK20QAccessibleInterfacei [QtGui]	_ZNK22QAccessibleApplication12indexOfChildEPK20QAccessibleInterface [QtGui]
_ZNK22QAccessibleApplication15userActionCountEi [QtGui]	_ZNK22QAccessibleApplication4roleEi [QtGui]
_ZNK22QAccessibleApplication4textEN11QAccessible4TextEi [QtGui]	_ZNK22QAccessibleApplication5stateEi [QtGui]
_ZNK22QAccessibleApplication7childAtEii [QtGui]	_ZNK22QAccessibleApplication8navigateEN11QAccessible12RelationFlagEiPP20QAccessibleInterface [QtGui]
_ZNK23QAccessibleBridgePlugin10metaObjectEv [QtGui]	

17.4.7 Qt4 Validators

17.4.7.1 Class data for QValidator

The virtual table for the QValidator class is described by Table 17-180

Table 17-180 Primary vtable for QValidator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QValidator
vfunc[0]:	QValidator::metaObject() const
vfunc[1]:	QValidator::qt_metacast(char const*)
vfunc[2]:	QValidator::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QValidator::~QValidator()
vfunc[4]:	QValidator::~QValidator()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	QValidator::fixup(QString&) const

The Run Time Type Information for the QValidator class is described by Table 17-181

Table 17-181 typeinfo for QValidator

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QValidator
basetype:	typeinfo for QObject

17.4.7.2 Class data for QIntValidator

The virtual table for the QIntValidator class is described by Table 17-182

Table 17-182 Primary vtable for QIntValidator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIntValidator
vfunc[0]:	QIntValidator::metaObject() const
vfunc[1]:	QIntValidator::qt_metacast(char const*)
vfunc[2]:	QIntValidator::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QIntValidator::~QIntValidator()

© 2008 Linux Foundation

vfunc[4]:	QIntValidator::~QIntValidator()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QIntValidator::validate(QString&, int&) const
vfunc[13]:	QValidator::fixup(QString&) const
vfunc[14]:	QIntValidator::setRange(int, int)

The Run Time Type Information for the QIntValidator class is described by Table 17-183

Table 17-183 typeinfo for QIntValidator

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIntValidator
basetype:	typeinfo for QValidator

17.4.7.3 Class data for QDoubleValidator

The virtual table for the QDoubleValidator class is described by Table 17-184

Table 17-184 Primary vtable for QDoubleValidator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDoubleValidator
vfunc[0]:	QDoubleValidator::metaObject() const
vfunc[1]:	QDoubleValidator::qt_metacast(char const*)
vfunc[2]:	QDoubleValidator::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QDoubleValidator::~QDoubleValidator()
vfunc[4]:	QDoubleValidator::~QDoubleValidator()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)

vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QDoubleValidator::validate(QString &, int&) const
vfunc[13]:	QValidator::fixup(QString&) const
vfunc[14]:	QDoubleValidator::setRange(double, double, int)

The Run Time Type Information for the QDoubleValidator class is described by Table 17-185

Table 17-185 typeinfo for QDoubleValidator

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDoubleValidator
basetype:	typeinfo for QValidator

17.4.7.4 Class data for QRegExpValidator

The virtual table for the QRegExpValidator class is described by Table 17-186

Table 17-186 Primary vtable for QRegExpValidator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QRegExpValidator
vfunc[0]:	QRegExpValidator::metaObject() const
vfunc[1]:	QRegExpValidator::qt_metacast(char const*)
vfunc[2]:	QRegExpValidator::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QRegExpValidator::~QRegExpValidator()
vfunc[4]:	QRegExpValidator::~QRegExpValidator()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char

	const*)
vfunc[12]:	QRegExpValidator::validate(QString &, int&) const
vfunc[13]:	QValidator::fixup(QString&) const

The Run Time Type Information for the QRegExpValidator class is described by Table 17-187

Table 17-187 typeinfo for QRegExpValidator

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QRegExpValidator
basetype:	typeinfo for QValidator

17.4.7.5 Interfaces for Qt4 Validators

An LSB conforming implementation shall provide the generic functions for Qt4 Validators specified in Table 17-188, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-188 libQtGui - Qt4 Validators Function Interfaces

_ZN10QValidator11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN10QValidator11qt_metacastEPKc [QtGui]
_ZN10QValidatorC1EP7QObject [QtGui]	_ZN10QValidatorC1EP7QObjectPKc [QtGui]
_ZN10QValidatorC2EP7QObject [QtGui]	_ZN10QValidatorC2EP7QObjectPKc [QtGui]
_ZN10QValidatorD0Ev [QtGui]	_ZN10QValidatorD1Ev [QtGui]
_ZN10QValidatorD2Ev [QtGui]	_ZN13QIntValidator11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN13QIntValidator11qt_metacastEPKc [QtGui]	_ZN13QIntValidator6setTopEi [QtGui]
_ZN13QIntValidator8setRangeEii [QtGui]	_ZN13QIntValidator9setBottomEi [QtGui]
_ZN13QIntValidatorC1EP7QObject [QtGui]	_ZN13QIntValidatorC1EP7QObjectPKc [QtGui]
_ZN13QIntValidatorC1EiiP7QObject [QtGui]	_ZN13QIntValidatorC1EiiP7QObjectPKc [QtGui]
_ZN13QIntValidatorC2EP7QObject [QtGui]	_ZN13QIntValidatorC2EP7QObjectPKc [QtGui]
_ZN13QIntValidatorC2EiiP7QObject [QtGui]	_ZN13QIntValidatorC2EiiP7QObjectPKc [QtGui]
_ZN13QIntValidatorD0Ev [QtGui]	_ZN13QIntValidatorD1Ev [QtGui]
_ZN13QIntValidatorD2Ev [QtGui]	_ZN16QDoubleValidator11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN16QDoubleValidator11qt_metac	_ZN16QDoubleValidator11setDecim

astEPKc [QtGui]	alsEi [QtGui]
_ZN16QDoubleValidator6setTopEd [QtGui]	_ZN16QDoubleValidator8setRangeEddi [QtGui]
_ZN16QDoubleValidator9setBottomEd [QtGui]	_ZN16QDoubleValidatorC1EP7QObject [QtGui]
_ZN16QDoubleValidatorC1EP7QObjectPKc [QtGui]	_ZN16QDoubleValidatorC1EddiP7QObject [QtGui]
_ZN16QDoubleValidatorC1EddiP7QObjectPKc [QtGui]	_ZN16QDoubleValidatorC2EP7QObject [QtGui]
_ZN16QDoubleValidatorC2EP7QObjectPKc [QtGui]	_ZN16QDoubleValidatorC2EddiP7QObject [QtGui]
_ZN16QDoubleValidatorC2EddiP7QObjectPKc [QtGui]	_ZN16QDoubleValidatorD0Ev [QtGui]
_ZN16QDoubleValidatorD1Ev [QtGui]	_ZN16QDoubleValidatorD2Ev [QtGui]
_ZN16QRegExpValidator11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN16QRegExpValidator11qt_metacastEPKc [QtGui]
_ZN16QRegExpValidator9setRegExpERK7QRegExp [QtGui]	_ZN16QRegExpValidatorC1EP7QObject [QtGui]
_ZN16QRegExpValidatorC1EP7QObjectPKc [QtGui]	_ZN16QRegExpValidatorC1ERK7QRegExpP7QObject [QtGui]
_ZN16QRegExpValidatorC1ERK7QRegExpP7QObjectPKc [QtGui]	_ZN16QRegExpValidatorC2EP7QObject [QtGui]
_ZN16QRegExpValidatorC2EP7QObjectPKc [QtGui]	_ZN16QRegExpValidatorC2ERK7QRegExpP7QObject [QtGui]
_ZN16QRegExpValidatorC2ERK7QRegExpP7QObjectPKc [QtGui]	_ZN16QRegExpValidatorD0Ev [QtGui]
_ZN16QRegExpValidatorD1Ev [QtGui]	_ZN16QRegExpValidatorD2Ev [QtGui]
_ZNK10QValidator10metaObjectEv [QtGui]	_ZNK10QValidator5fixupER7QString [QtGui]
_ZNK13QIntValidator10metaObjectEv [QtGui]	_ZNK13QIntValidator8validateER7QStringRi [QtGui]
_ZNK16QDoubleValidator10metaObjectEv [QtGui]	_ZNK16QDoubleValidator8validateER7QStringRi [QtGui]
_ZNK16QRegExpValidator10metaObjectEv [QtGui]	_ZNK16QRegExpValidator8validateER7QStringRi [QtGui]

17.4.8 Qt4 CSS

17.4.8.1 Interfaces for Qt4 CSS

No external functions are defined for libQtGui - Qt4 CSS in this part of the specification. See also the relevant architecture specific part of this specification.

17.4.9 Qt4 Plugins

17.4.9.1 Class data for QImageIOPlugin

The virtual table for the QImageIOPlugin class is described by Table 17-189

Table 17-189 Primary vtable for QImageIOPlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QImageIOPlugin
vfunc[0]:	QImageIOPlugin::metaObject() const
vfunc[1]:	QImageIOPlugin::qt_metacast(char const*)
vfunc[2]:	QImageIOPlugin::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QImageIOPlugin::~QImageIOPlugin()
vfunc[4]:	QImageIOPlugin::~QImageIOPlugin()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual

The Run Time Type Information for the QImageIOPlugin class is described by Table 17-190

Table 17-190 typeinfo for QImageIOPlugin

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QImageIOPlugin	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QImageIOHandlerFactoryInterface	2050

17.4.9.2 Class data for QIconEnginePlugin

The virtual table for the QIconEnginePlugin class is described by Table 17-191

Table 17-191 Primary vtable for QIconEnginePlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIconEnginePlugin
vfunc[0]:	QIconEnginePlugin::metaObject() const
vfunc[1]:	QIconEnginePlugin::qt_metacast(char const*)
vfunc[2]:	QIconEnginePlugin::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QIconEnginePlugin::~QIconEnginePlugin()
vfunc[4]:	QIconEnginePlugin::~QIconEnginePlugin()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual

The Run Time Type Information for the QIconEnginePlugin class is described by Table 17-192

Table 17-192 typeinfo for QIconEnginePlugin

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QIconEnginePlugin	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QIconEngineFactoryInterface	2050

17.4.9.3 Class data for QPictureFormatPlugin

The virtual table for the QPictureFormatPlugin class is described by Table 17-193

Table 17-193 Primary vtable for QPictureFormatPlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPictureFormatPlugin
vfunc[0]:	QPictureFormatPlugin::metaObject() const
vfunc[1]:	QPictureFormatPlugin::qt_metacast(char const*)
vfunc[2]:	QPictureFormatPlugin::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QPictureFormatPlugin::~QPictureFormatPlugin()
vfunc[4]:	QPictureFormatPlugin::~QPictureFormatPlugin()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	QPictureFormatPlugin::loadPicture(QString const&, QString const&, QPicture*)
vfunc[14]:	QPictureFormatPlugin::savePicture(QString const&, QString const&, QPicture const&)
vfunc[15]:	__cxa_pure_virtual

The Run Time Type Information for the QPictureFormatPlugin class is described by Table 17-194

Table 17-194 typeinfo for QPictureFormatPlugin

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info
Name	typeinfo name for QPictureFormatPlugin
flags:	0

basetype:	typeinfo for QObject	2
basetype:	typeinfo for QPictureFormatInterface	2050

17.4.9.4 Class data for QStylePlugin

The virtual table for the QStylePlugin class is described by Table 17-195

Table 17-195 Primary vtable for QStylePlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStylePlugin
vfunc[0]:	QStylePlugin::metaObject() const
vfunc[1]:	QStylePlugin::qt_metacast(char const*)
vfunc[2]:	QStylePlugin::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QStylePlugin::~QStylePlugin()
vfunc[4]:	QStylePlugin::~QStylePlugin()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual

The Run Time Type Information for the QStylePlugin class is described by Table 17-196

Table 17-196 typeinfo for QStylePlugin

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QStylePlugin	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QStyleFactoryInterface	2050

17.4.9.5 Class data for QInputContextPlugin

The virtual table for the QInputContextPlugin class is described by Table 17-197

Table 17-197 Primary vtable for QInputContextPlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QInputContextPlugin
vfunc[0]:	QInputContextPlugin::metaObject() const
vfunc[1]:	QInputContextPlugin::qt_metacast(char const*)
vfunc[2]:	QInputContextPlugin::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QInputContextPlugin::~QInputContextPlugin()
vfunc[4]:	QInputContextPlugin::~QInputContextPlugin()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	__cxa_pure_virtual

The Run Time Type Information for the QInputContextPlugin class is described by Table 17-198

Table 17-198 typeinfo for QInputContextPlugin

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QInputContextPlugin	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QInputContextFactoryI	2050

	nterface	

17.4.9.6 Interfaces for Qt4 Plugins

An LSB conforming implementation shall provide the generic functions for Qt4 Plugins specified in Table 17-199, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-199 libQtGui - Qt4 Plugins Function Interfaces

_ZN12QStylePlugin11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN12QStylePlugin11qt_metacastEPKc [QtGui]
_ZN12QStylePluginC1EP7QObject [QtGui]	_ZN12QStylePluginC2EP7QObject [QtGui]
_ZN12QStylePluginD0Ev [QtGui]	_ZN12QStylePluginD1Ev [QtGui]
_ZN12QStylePluginD2Ev [QtGui]	_ZN14QImageIOPlugin11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN14QImageIOPlugin11qt_metacastEPKc [QtGui]	_ZN14QImageIOPluginC1EP7QObject [QtGui]
_ZN14QImageIOPluginC2EP7QObject [QtGui]	_ZN14QImageIOPluginD0Ev [QtGui]
_ZN14QImageIOPluginD1Ev [QtGui]	_ZN14QImageIOPluginD2Ev [QtGui]
_ZN17QIconEnginePlugin11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN17QIconEnginePlugin11qt_metacastEPKc [QtGui]
_ZN17QIconEnginePluginC1EP7QObject [QtGui]	_ZN17QIconEnginePluginC2EP7QObject [QtGui]
_ZN17QIconEnginePluginD0Ev [QtGui]	_ZN17QIconEnginePluginD1Ev [QtGui]
_ZN17QIconEnginePluginD2Ev [QtGui]	_ZN19QInputContextPlugin11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN19QInputContextPlugin11qt_metacastEPKc [QtGui]	_ZN19QInputContextPluginC1EP7QObject [QtGui]
_ZN19QInputContextPluginC2EP7QObject [QtGui]	_ZN19QInputContextPluginD0Ev [QtGui]
_ZN19QInputContextPluginD1Ev [QtGui]	_ZN19QInputContextPluginD2Ev [QtGui]
_ZN20QPictureFormatPlugin11loadPictureERK7QStringS2_P8QPicture [QtGui]	_ZN20QPictureFormatPlugin11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN20QPictureFormatPlugin11qt_metacastEPKc [QtGui]	_ZN20QPictureFormatPlugin11savePictureERK7QStringS2_RK8QPicture [QtGui]
_ZN20QPictureFormatPluginC1EP7QObject [QtGui]	_ZN20QPictureFormatPluginC2EP7QObject [QtGui]
_ZN20QPictureFormatPluginD0Ev	_ZN20QPictureFormatPluginD1Ev

[QtGui]	[QtGui]
_ZN20QPictureFormatPluginD2Ev [QtGui]	_ZNK12QStylePlugin10metaObjectEv [QtGui]
_ZNK14QImageIOPlugin10metaObjectEv [QtGui]	_ZNK17QIconEnginePlugin10metaObjectEv [QtGui]
_ZNK19QInputContextPlugin10metaObjectEv [QtGui]	_ZNK20QPictureFormatPlugin10metaObjectEv [QtGui]

17.4.10 Qt4 Models and Views

17.4.10.1 Class data for QAbstractTextDocumentLayout

The virtual table for the QAbstractTextDocumentLayout class is described by Table 17-200

Table 17-200 Primary vtable for QAbstractTextDocumentLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractTextDocumentLayout
vfunc[0]:	QAbstractTextDocumentLayout::metaObject() const
vfunc[1]:	QAbstractTextDocumentLayout::qt_metacast(char const*)
vfunc[2]:	QAbstractTextDocumentLayout::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractTextDocumentLayout::~QAbstractTextDocumentLayout()
vfunc[4]:	QAbstractTextDocumentLayout::~QAbstractTextDocumentLayout()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	__cxa_pure_virtual

vfunc[17]:	__cxa_pure_virtual
vfunc[18]:	__cxa_pure_virtual
vfunc[19]:	QAbstractTextDocumentLayout::resizeInlineObject(QTextInlineObject, int, QTextFormat const&)
vfunc[20]:	QAbstractTextDocumentLayout::positionInlineObject(QTextInlineObject, int, QTextFormat const&)
vfunc[21]:	QAbstractTextDocumentLayout::drawInlineObject(QPainter*, QRectF const&, QTextInlineObject, int, QTextFormat const&)

The Run Time Type Information for the QAbstractTextDocumentLayout class is described by Table 17-201

Table 17-201 typeinfo for QAbstractTextDocumentLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractTextDocumentLayout
basetype:	typeinfo for QObject

17.4.10.2 Class data for QAbstractPageSetupDialog

The virtual table for the QAbstractPageSetupDialog class is described by Table 17-202

Table 17-202 Primary vtable for QAbstractPageSetupDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractPageSetupDialog
vfunc[0]:	QDialog::metaObject() const
vfunc[1]:	QDialog::qt_metacast(char const*)
vfunc[2]:	QDialog::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QAbstractPageSetupDialog::~QAbstractPageSetupDialog()
vfunc[4]:	NULL or QAbstractPageSetupDialog::~QAbstractPageSetupDialog()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)

© 2008 Linux Foundation

vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[32]:	QDialog::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)

vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()
vfunc[57]:	__cxa_pure_virtual

The Run Time Type Information for the QAbstractPageSetupDialog class is described by Table 17-203

Table 17-203 typeinfo for QAbstractPageSetupDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractPageSetupDialog
basetype:	typeinfo for QDialog

17.4.10.3 Class data for QAbstractPrintDialog

The virtual table for the QAbstractPrintDialog class is described by Table 17-204

Table 17-204 Primary vtable for QAbstractPrintDialog

Base Offset	0

Virtual Base Offset	0
RTTI	typeinfo for QAbstractPrintDialog
vfunc[0]:	QDialog::metaObject() const
vfunc[1]:	QDialog::qt_metacast(char const*)
vfunc[2]:	QDialog::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QAbstractPrintDialog::~QAbstractPrintDialog()
vfunc[4]:	NULL or QAbstractPrintDialog::~QAbstractPrintDialog()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEv

	ent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[32]:	QDialog::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QConte xtMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnt erEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragM oveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLe aveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::Pain tDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInpu tMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::In putMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)

© 2008 Linux Foundation

vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()
vfunc[57]:	__cxa_pure_virtual

The Run Time Type Information for the QAbstractPrintDialog class is described by Table 17-205

Table 17-205 typeinfo for QAbstractPrintDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractPrintDialog
basetype:	typeinfo for QDialog

17.4.10.4 Class data for QItemSelectionModel

The virtual table for the QItemSelectionModel class is described by Table 17-206

Table 17-206 Primary vtable for QItemSelectionModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QItemSelectionModel
vfunc[0]:	QItemSelectionModel::metaObject() const
vfunc[1]:	QItemSelectionModel::qt_metacast(char const*)
vfunc[2]:	QItemSelectionModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QItemSelectionModel::~QItemSelectionModel()
vfunc[4]:	QItemSelectionModel::~QItemSelectionModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QItemSelectionModel::select(QModelIndex const&, QFlags<QItemSelectionModel::SelectionFlag>)
vfunc[13]:	QItemSelectionModel::select(QItemSelection const&,

	QFlags<QItemSelectionModel::SelectionFlag>)
vfunc[14]:	QItemSelectionModel::clear()
vfunc[15]:	QItemSelectionModel::reset()

The Run Time Type Information for the QItemSelectionModel class is described by Table 17-207

Table 17-207 typeinfo for QItemSelectionModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QItemSelectionModel
basetype:	typeinfo for QObject

17.4.10.5 Class data for QAbstractScrollArea

The virtual table for the QAbstractScrollArea class is described by Table 17-208

Table 17-208 Primary vtable for QAbstractScrollArea

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractScrollArea
vfunc[0]:	QAbstractScrollArea::metaObject() const
vfunc[1]:	QAbstractScrollArea::qt_metacast(char const*)
vfunc[2]:	QAbstractScrollArea::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractScrollArea::~QAbstractScrollArea()
vfunc[4]:	QAbstractScrollArea::~QAbstractScrollArea()
vfunc[5]:	QAbstractScrollArea::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractScrollArea::sizeHint()

	const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractScrollArea::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractScrollArea::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QAbstractScrollArea::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractScrollArea::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractScrollArea::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QAbstractScrollArea::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractScrollArea::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractScrollArea::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QAbstractScrollArea::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QAbstractScrollArea::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QAbstractScrollArea::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QAbstractScrollArea::dropEvent(QD

	ropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractScrollArea::viewportEvent(QEvent*)
vfunc[55]:	QAbstractScrollArea::scrollContentsBy(int, int)

The Run Time Type Information for the QAbstractScrollArea class is described by Table 17-209

Table 17-209 typeinfo for QAbstractScrollArea

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractScrollArea
basetype:	typeinfo for QFrame

17.4.10.6 Class data for QAbstractSpinBox

The virtual table for the QAbstractSpinBox class is described by Table 17-210

Table 17-210 Primary vtable for QAbstractSpinBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractSpinBox
vfunc[0]:	QAbstractSpinBox::metaObject() const

© 2008 Linux Foundation

vfunc[1]:	QAbstractSpinBox::qt_metacast(char const*)
vfunc[2]:	QAbstractSpinBox::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractSpinBox::~QAbstractSpinBox()
vfunc[4]:	QAbstractSpinBox::~QAbstractSpinBox()
vfunc[5]:	QAbstractSpinBox::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractSpinBox::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractSpinBox::sizeHint() const
vfunc[15]:	QAbstractSpinBox::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractSpinBox::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractSpinBox::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractSpinBox::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractSpinBox::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractSpinBox::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractSpinBox::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractSpinBox::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractSpinBox::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)

vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QAbstractSpinBox::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractSpinBox::resizeEvent(QResizeEvent*)
vfunc[32]:	QAbstractSpinBox::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractSpinBox::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QAbstractSpinBox::showEvent(QShowEvent*)
vfunc[41]:	QAbstractSpinBox::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractSpinBox::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

© 2008 Linux Foundation

vfunc[54]:	QAbstractSpinBox::validate(QString &, int&) const
vfunc[55]:	QAbstractSpinBox::fixup(QString&) const
vfunc[56]:	QAbstractSpinBox::stepBy(int)
vfunc[57]:	QAbstractSpinBox::clear()
vfunc[58]:	QAbstractSpinBox::stepEnabled() const

The Run Time Type Information for the QAbstractSpinBox class is described by Table 17-211

Table 17-211 typeinfo for QAbstractSpinBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractSpinBox
basetype:	typeinfo for QWidget

17.4.10.7 Class data for QAbstractSlider

The virtual table for the QAbstractSlider class is described by Table 17-212

Table 17-212 Primary vtable for QAbstractSlider

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractSlider
vfunc[0]:	QAbstractSlider::metaObject() const
vfunc[1]:	QAbstractSlider::qt_metacast(char const*)
vfunc[2]:	QAbstractSlider::qt_metacall(QMeta Object::Call, int, void**)
vfunc[3]:	QAbstractSlider::~QAbstractSlider()
vfunc[4]:	QAbstractSlider::~QAbstractSlider()
vfunc[5]:	QAbstractSlider::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractSlider::timerEvent(QTimer Event*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const

vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractSlider::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractSlider::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)

© 2008 Linux Foundation

vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractSlider::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractSlider::sliderChange(QAbstractSlider::SliderChange)

The Run Time Type Information for the QAbstractSlider class is described by Table 17-213

Table 17-213 typeinfo for QAbstractSlider

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractSlider
basetype:	typeinfo for QWidget

17.4.10.8 Class data for QAbstractItemDelegate

The virtual table for the QAbstractItemDelegate class is described by Table 17-214

Table 17-214 Primary vtable for QAbstractItemDelegate

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractItemDelegate
vfunc[0]:	QAbstractItemDelegate::metaObject() const
vfunc[1]:	QAbstractItemDelegate::qt_metacast(char const*)
vfunc[2]:	QAbstractItemDelegate::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractItemDelegate::~QAbstractI

	temDelegate()
vfunc[4]:	QAbstractItemDelegate::~QAbstractItemDelegate()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	QAbstractItemDelegate::createEditor(QWidget*, QStyleOptionViewItem const&, QModelIndex const&) const
vfunc[15]:	QAbstractItemDelegate::setEditorData(QWidget*, QModelIndex const&) const
vfunc[16]:	QAbstractItemDelegate::setModelData(QWidget*, QAbstractItemModel*, QModelIndex const&) const
vfunc[17]:	QAbstractItemDelegate::updateEditorGeometry(QWidget*, QStyleOptionViewItem const&, QModelIndex const&) const
vfunc[18]:	QAbstractItemDelegate::editorEvent(QEvent*, QAbstractItemModel*, QStyleOptionViewItem const&, QModelIndex const&)

The Run Time Type Information for the QAbstractItemDelegate class is described by Table 17-215

Table 17-215 typeinfo for QAbstractItemDelegate

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractItemDelegate
basetype:	typeinfo for QObject

17.4.10.9 Class data for QAbstractItemView

The virtual table for the QAbstractItemView class is described by Table 17-216

Table 17-216 Primary vtable for QAbstractItemView

Base Offset	0

Virtual Base Offset	0
RTTI	typeinfo for QAbstractItemView
vfunc[0]:	QAbstractItemView::metaObject() const
vfunc[1]:	QAbstractItemView::qt_metacast(char const*)
vfunc[2]:	QAbstractItemView::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractItemView::~QAbstractItemView()
vfunc[4]:	QAbstractItemView::~QAbstractItemView()
vfunc[5]:	QAbstractItemView::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractItemView::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractScrollArea::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractItemView::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractItemView::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QAbstractItemView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractItemView::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractItemView::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)

vfunc[25]:	QAbstractItemView::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractItemView::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QAbstractScrollArea::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractItemView::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractScrollArea::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QAbstractItemView::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QAbstractItemView::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QAbstractItemView::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QAbstractItemView::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)

© 2008 Linux Foundation

vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractItemView::viewportEvent(QEvent*)
vfunc[55]:	QAbstractScrollArea::scrollContents By(int, int)
vfunc[56]:	QAbstractItemView::setModel(QAbs tractItemModel*)
vfunc[57]:	QAbstractItemView::setSelectionMo del(QItemSelectionModel*)
vfunc[58]:	QAbstractItemView::keyboardSearc h(QString const&)
vfunc[59]:	__cxa_pure_virtual
vfunc[60]:	__cxa_pure_virtual
vfunc[61]:	__cxa_pure_virtual
vfunc[62]:	QAbstractItemView::sizeHintForRo w(int) const
vfunc[63]:	QAbstractItemView::sizeHintForCol umn(int) const
vfunc[64]:	QAbstractItemView::reset()
vfunc[65]:	QAbstractItemView::setRootIndex(Q ModelIndex const&)
vfunc[66]:	QAbstractItemView::doItemsLayout( )
vfunc[67]:	QAbstractItemView::selectAll()
vfunc[68]:	QAbstractItemView::dataChanged(Q ModelIndex const&, QModelIndex const&)
vfunc[69]:	QAbstractItemView::rowsInserted(Q ModelIndex const&, int, int)
vfunc[70]:	QAbstractItemView::rowsAboutToB eRemoved(QModelIndex const&, int, int)
vfunc[71]:	QAbstractItemView::selectionChang ed(QItemSelection const&, QItemSelection const&)
vfunc[72]:	QAbstractItemView::currentChange d(QModelIndex const&, QModelIndex const&)
vfunc[73]:	QAbstractItemView::updateEditorD ata()
vfunc[74]:	QAbstractItemView::updateEditorG eometries()
vfunc[75]:	QAbstractItemView::updateGeometr

	ies()
vfunc[76]:	QAbstractItemView::verticalScrollbarAction(int)
vfunc[77]:	QAbstractItemView::horizontalScrollbarAction(int)
vfunc[78]:	QAbstractItemView::verticalScrollbarValueChanged(int)
vfunc[79]:	QAbstractItemView::horizontalScrollbarValueChanged(int)
vfunc[80]:	QAbstractItemView::closeEditor(QWidget*, QAbstractItemDelegate::EndEditHint)
vfunc[81]:	QAbstractItemView::commitData(QWidget*)
vfunc[82]:	QAbstractItemView::editorDestroyed(QObject*)
vfunc[83]:	__cxa_pure_virtual
vfunc[84]:	__cxa_pure_virtual
vfunc[85]:	__cxa_pure_virtual
vfunc[86]:	__cxa_pure_virtual
vfunc[87]:	__cxa_pure_virtual
vfunc[88]:	__cxa_pure_virtual
vfunc[89]:	QAbstractItemView::selectedIndexes() const
vfunc[90]:	QAbstractItemView::edit(QModelIndex const&, QAbstractItemView::EditTrigger, QEvent*)
vfunc[91]:	QAbstractItemView::selectionCommand(QModelIndex const&, QEvent const*) const
vfunc[92]:	QAbstractItemView::startDrag(QFlags<Qt::DropAction>)
vfunc[93]:	QAbstractItemView::viewOptions() const

The Run Time Type Information for the QAbstractItemView class is described by Table 17-217

Table 17-217 typeinfo for QAbstractItemView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractItemView
basetype:	typeinfo for QAbstractScrollArea

17.4.10.10 Class data for QStringListModel

The virtual table for the QStringListModel class is described by Table 17-218

Table 17-218 Primary vtable for QStringListModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStringListModel
vfunc[0]:	QStringListModel::metaObject() const
vfunc[1]:	QStringListModel::qt_metacast(char const*)
vfunc[2]:	QStringListModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QStringListModel::~QStringListModel()
vfunc[4]:	NULL or QStringListModel::~QStringListModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QAbstractListModel::index(int, int, QModelIndex const&) const
vfunc[13]:	QAbstractListModel::parent(QModelIndex const&) const
vfunc[14]:	QStringListModel::rowCount(QModelIndex const&) const
vfunc[15]:	QAbstractListModel::columnCount(QModelIndex const&) const
vfunc[16]:	QAbstractListModel::hasChildren(QModelIndex const&) const
vfunc[17]:	QStringListModel::data(QModelIndex const&, int) const
vfunc[18]:	QStringListModel::setData(QModelIndex const&, QVariant const&, int)
vfunc[19]:	QAbstractItemModel::headerData(int, Qt::Orientation, int) const
vfunc[20]:	QAbstractItemModel::setHeaderDat

	a(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QAbstractItemModel::mimeTypes() const
vfunc[24]:	QAbstractItemModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QAbstractListModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QAbstractItemModel::supportedDropActions() const
vfunc[27]:	QStringListModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QAbstractItemModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QStringListModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QAbstractItemModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QAbstractItemModel::fetchMore(QModelIndex const&)
vfunc[32]:	QAbstractItemModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QStringListModel::flags(QModelIndex const&) const
vfunc[34]:	QStringListModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QAbstractItemModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QAbstractItemModel::span(QModelIndex const&) const
vfunc[38]:	QAbstractItemModel::submit()
vfunc[39]:	QAbstractItemModel::revert()

The Run Time Type Information for the QStringListModel class is described by Table 17-219

Table 17-219 typeinfo for QStringListModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStringListModel
basetype:	typeinfo for QAbstractListModel

17.4.10.11 Class data for QDirModel

The virtual table for the QDirModel class is described by Table 17-220

Table 17-220 Primary vtable for QDirModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDirModel
vfunc[0]:	QDirModel::metaObject() const
vfunc[1]:	QDirModel::qt_metacast(char const*)
vfunc[2]:	QDirModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QDirModel::~QDirModel()
vfunc[4]:	QDirModel::~QDirModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QDirModel::index(int, int, QModelIndex const&) const
vfunc[13]:	QDirModel::parent(QModelIndex const&) const
vfunc[14]:	QDirModel::rowCount(QModelIndex const&) const
vfunc[15]:	QDirModel::columnCount(QModelIndex const&) const
vfunc[16]:	QDirModel::hasChildren(QModelIndex const&) const
vfunc[17]:	QDirModel::data(QModelIndex const&, int) const
vfunc[18]:	QDirModel::setData(QModelIndex const&, QVariant const&, int)
vfunc[19]:	QDirModel::headerData(int, Qt::Orientation, int) const

vfunc[20]:	QAbstractItemModel::setHeaderData(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QDirModel::mimeTypes() const
vfunc[24]:	QDirModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QDirModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QDirModel::supportedDropActions() const
vfunc[27]:	QAbstractItemModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QAbstractItemModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QAbstractItemModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QAbstractItemModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QAbstractItemModel::fetchMore(QModelIndex const&)
vfunc[32]:	QAbstractItemModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QDirModel::flags(QModelIndex const&) const
vfunc[34]:	QDirModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QAbstractItemModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QAbstractItemModel::span(QModelIndex const&) const
vfunc[38]:	QAbstractItemModel::submit()
vfunc[39]:	QAbstractItemModel::revert()

The Run Time Type Information for the QDirModel class is described by Table 17-221

Table 17-221 typeinfo for QDirModel

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QDirModel
basetype:	typeinfo for QAbstractItemModel

17.4.10.12 Class data for QStandardItemModel

The virtual table for the QStandardItemModel class is described by Table 17-222

Table 17-222 Primary vtable for QStandardItemModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStandardItemModel
vfunc[0]:	QStandardItemModel::metaObject() const
vfunc[1]:	QStandardItemModel::qt_metacast(char const*)
vfunc[2]:	QStandardItemModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QStandardItemModel::~QStandardItemModel()
vfunc[4]:	QStandardItemModel::~QStandardItemModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QStandardItemModel::index(int, int, QModelIndex const&) const
vfunc[13]:	QStandardItemModel::parent(QModelIndex const&) const
vfunc[14]:	QStandardItemModel::rowCount(QModelIndex const&) const
vfunc[15]:	QStandardItemModel::columnCount(QModelIndex const&) const
vfunc[16]:	QStandardItemModel::hasChildren(QModelIndex const&) const
vfunc[17]:	QStandardItemModel::data(QModelIndex const&, int) const
vfunc[18]:	QStandardItemModel::setData(QModelIndex const&, QVariant const&, int)

vfunc[19]:	QStandardItemModel::headerData(int, Qt::Orientation, int) const
vfunc[20]:	QStandardItemModel::setHeaderData(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QAbstractItemModel::mimeTypes() const
vfunc[24]:	QAbstractItemModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QAbstractItemModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QAbstractItemModel::supportedDropActions() const
vfunc[27]:	QStandardItemModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QStandardItemModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QStandardItemModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QStandardItemModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QAbstractItemModel::fetchMore(QModelIndex const&)
vfunc[32]:	QAbstractItemModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QStandardItemModel::flags(QModelIndex const&) const
vfunc[34]:	QAbstractItemModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QAbstractItemModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QAbstractItemModel::span(QModelIndex const&) const
vfunc[38]:	QAbstractItemModel::submit()
vfunc[39]:	QAbstractItemModel::revert()

© 2008 Linux Foundation

The Run Time Type Information for the QStandardItemModel class is described by Table 17-223

Table 17-223 typeinfo for QStandardItemModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStandardItemModel
basetype:	typeinfo for QAbstractItemModel

17.4.10.13 Class data for QAbstractProxyModel

The virtual table for the QAbstractProxyModel class is described by Table 17-224

Table 17-224 Primary vtable for QAbstractProxyModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractProxyModel
vfunc[0]:	QAbstractProxyModel::metaObject() const
vfunc[1]:	QAbstractProxyModel::qt_metacast(char const*)
vfunc[2]:	QAbstractProxyModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractProxyModel::~QAbstractProxyModel()
vfunc[4]:	QAbstractProxyModel::~QAbstractProxyModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	QAbstractItemModel::hasChildren(QModelIndex const&) const
vfunc[17]:	__cxa_pure_virtual
vfunc[18]:	QAbstractItemModel::setData(QMo

	delIndex const&, QVariant const&, int)
vfunc[19]:	QAbstractItemModel::headerData(int, Qt::Orientation, int) const
vfunc[20]:	QAbstractItemModel::setHeaderData(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QAbstractItemModel::mimeTypes() const
vfunc[24]:	QAbstractItemModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QAbstractItemModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QAbstractItemModel::supportedDropActions() const
vfunc[27]:	QAbstractItemModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QAbstractItemModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QAbstractItemModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QAbstractItemModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QAbstractItemModel::fetchMore(QModelIndex const&)
vfunc[32]:	QAbstractItemModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QAbstractItemModel::flags(QModelIndex const&) const
vfunc[34]:	QAbstractItemModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QAbstractItemModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QAbstractItemModel::span(QModelIndex const&) const
vfunc[38]:	QAbstractProxyModel::submit()

© 2008 Linux Foundation

vfunc[39]:	QAbstractProxyModel::revert()
vfunc[40]:	QAbstractProxyModel::setSourceModel(QAbstractItemModel*)
vfunc[41]:	__cxa_pure_virtual
vfunc[42]:	__cxa_pure_virtual
vfunc[43]:	QAbstractProxyModel::mapSelectionToSource(QItemSelection const&) const
vfunc[44]:	QAbstractProxyModel::mapSelectionFromSource(QItemSelection const&) const

The Run Time Type Information for the QAbstractProxyModel class is described by Table 17-225

Table 17-225 typeinfo for QAbstractProxyModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractProxyModel
basetype:	typeinfo for QAbstractItemModel

17.4.10.14 Class data for QSortFilterProxyModel

The virtual table for the QSortFilterProxyModel class is described by Table 17-226

Table 17-226 Primary vtable for QSortFilterProxyModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSortFilterProxyModel
vfunc[0]:	QSortFilterProxyModel::metaObject() const
vfunc[1]:	QSortFilterProxyModel::qt_metacast(char const*)
vfunc[2]:	QSortFilterProxyModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSortFilterProxyModel::~QSortFilterProxyModel()
vfunc[4]:	QSortFilterProxyModel::~QSortFilterProxyModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)

vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QSortFilterProxyModel::index(int, int, QModelIndex const&) const
vfunc[13]:	QSortFilterProxyModel::parent(QModelIndex const&) const
vfunc[14]:	QSortFilterProxyModel::rowCount(QModelIndex const&) const
vfunc[15]:	QSortFilterProxyModel::columnCount(QModelIndex const&) const
vfunc[16]:	QSortFilterProxyModel::hasChildren(QModelIndex const&) const
vfunc[17]:	QSortFilterProxyModel::data(QModelIndex const&, int) const
vfunc[18]:	QSortFilterProxyModel::setData(QModelIndex const&, QVariant const&, int)
vfunc[19]:	QSortFilterProxyModel::headerData(int, Qt::Orientation, int) const
vfunc[20]:	QSortFilterProxyModel::setHeaderData(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QAbstractItemModel::mimeTypes() const
vfunc[24]:	QSortFilterProxyModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QSortFilterProxyModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QAbstractItemModel::supportedDropActions() const
vfunc[27]:	QSortFilterProxyModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QSortFilterProxyModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QSortFilterProxyModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QSortFilterProxyModel::removeColumns(int, int, QModelIndex const&)

© 2008 Linux Foundation

vfunc[31]:	QSortFilterProxyModel::fetchMore(QModelIndex const&)
vfunc[32]:	QSortFilterProxyModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QSortFilterProxyModel::flags(QModelIndex const&) const
vfunc[34]:	QSortFilterProxyModel::sort(int, Qt::SortOrder)
vfunc[35]:	QSortFilterProxyModel::buddy(QModelIndex const&) const
vfunc[36]:	QSortFilterProxyModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QSortFilterProxyModel::span(QModelIndex const&) const
vfunc[38]:	QAbstractProxyModel::submit()
vfunc[39]:	QAbstractProxyModel::revert()
vfunc[40]:	QSortFilterProxyModel::setSourceModel(QAbstractItemModel*)
vfunc[41]:	QSortFilterProxyModel::mapToSource(QModelIndex const&) const
vfunc[42]:	QSortFilterProxyModel::mapFromSource(QModelIndex const&) const
vfunc[43]:	QSortFilterProxyModel::mapSelectionToSource(QItemSelection const&) const
vfunc[44]:	QSortFilterProxyModel::mapSelectionFromSource(QItemSelection const&) const
vfunc[45]:	QSortFilterProxyModel::filterAcceptsRow(int, QModelIndex const&) const
vfunc[46]:	QSortFilterProxyModel::filterAcceptsColumn(int, QModelIndex const&) const
vfunc[47]:	QSortFilterProxyModel::lessThan(QModelIndex const&, QModelIndex const&) const

The Run Time Type Information for the QSortFilterProxyModel class is described by Table 17-227

Table 17-227 typeinfo for QSortFilterProxyModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for

	QSortFilterProxyModel
basetype:	typeinfo for QAbstractProxyModel

17.4.10.15 Class data for QItemDelegate

The virtual table for the QItemDelegate class is described by Table 17-228

Table 17-228 Primary vtable for QItemDelegate

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QItemDelegate
vfunc[0]:	QItemDelegate::metaObject() const
vfunc[1]:	QItemDelegate::qt_metacast(char const*)
vfunc[2]:	QItemDelegate::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QItemDelegate::~QItemDelegate()
vfunc[4]:	QItemDelegate::~QItemDelegate()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QItemDelegate::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QItemDelegate::paint(QPainter*, QStyleOptionViewItem const&, QModelIndex const&) const
vfunc[13]:	QItemDelegate::sizeHint(QStyleOptionViewItem const&, QModelIndex const&) const
vfunc[14]:	QItemDelegate::createEditor(QWidget*, QStyleOptionViewItem const&, QModelIndex const&) const
vfunc[15]:	QItemDelegate::setEditorData(QWidget*, QModelIndex const&) const
vfunc[16]:	QItemDelegate::setModelData(QWidget*, QAbstractItemModel*, QModelIndex const&) const
vfunc[17]:	QItemDelegate::updateEditorGeometry(QWidget*, QStyleOptionViewItem const&, QModelIndex const&) const
vfunc[18]:	QItemDelegate::editorEvent(QEvent*

© 2008 Linux Foundation

	, QAbstractItemModel*, QStyleOptionViewItem const&, QModelIndex const&)
vfunc[19]:	QItemDelegate::drawDisplay(QPainter*, QStyleOptionViewItem const&, QRect const&, QString const&) const
vfunc[20]:	QItemDelegate::drawDecoration(QPainter*, QStyleOptionViewItem const&, QRect const&, QPixmap const&) const
vfunc[21]:	QItemDelegate::drawFocus(QPainter*, QStyleOptionViewItem const&, QRect const&) const
vfunc[22]:	QItemDelegate::drawCheck(QPainter*, QStyleOptionViewItem const&, QRect const&, Qt::CheckState) const

The Run Time Type Information for the QItemDelegate class is described by Table 17-229

Table 17-229 typeinfo for QItemDelegate

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QItemDelegate
basetype:	typeinfo for QAbstractItemDelegate

17.4.10.16 Class data for QTableView

The virtual table for the QTableView class is described by Table 17-230

Table 17-230 Primary vtable for QTableView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTableView
vfunc[0]:	QTableView::metaObject() const
vfunc[1]:	QTableView::qt_metacast(char const*)
vfunc[2]:	QTableView::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTableView::~QTableView()
vfunc[4]:	QTableView::~QTableView()
vfunc[5]:	QAbstractItemView::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QTableView::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)

vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractScrollArea::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractItemView::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractItemView::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QAbstractItemView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractItemView::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractItemView::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractItemView::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractItemView::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QTableView::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractItemView::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractScrollArea::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent

© 2008 Linux Foundation

	*)
vfunc[36]:	QAbstractItemView::dragEnterEvent (QDragEnterEvent*)
vfunc[37]:	QAbstractItemView::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QAbstractItemView::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QAbstractItemView::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractItemView::viewportEvent(QEvent*)
vfunc[55]:	QTableView::scrollContentsBy(int, int)
vfunc[56]:	QTableView::setModel(QAbstractItemModel*)
vfunc[57]:	QTableView::setSelectionModel(QItemSelectionModel*)
vfunc[58]:	QAbstractItemView::keyboardSearch(QString const&)
vfunc[59]:	QTableView::visualRect(QModelIndex const&) const
vfunc[60]:	QTableView::scrollTo(QModelIndex const&, QAbstractItemView::ScrollHint)

vfunc[61]:	QTableView::indexAt(QPoint const&) const
vfunc[62]:	QTableView::sizeHintForRow(int) const
vfunc[63]:	QTableView::sizeHintForColumn(int) const
vfunc[64]:	QAbstractItemView::reset()
vfunc[65]:	QTableView::setRootIndex(QModelI ndex const&)
vfunc[66]:	QAbstractItemView::doItemsLayout( )
vfunc[67]:	QAbstractItemView::selectAll()
vfunc[68]:	QAbstractItemView::dataChanged(Q ModelIndex const&, QModelIndex const&)
vfunc[69]:	QAbstractItemView::rowsInserted(Q ModelIndex const&, int, int)
vfunc[70]:	QAbstractItemView::rowsAboutToB eRemoved(QModelIndex const&, int, int)
vfunc[71]:	QAbstractItemView::selectionChang ed(QItemSelection const&, QItemSelection const&)
vfunc[72]:	QAbstractItemView::currentChange d(QModelIndex const&, QModelIndex const&)
vfunc[73]:	QAbstractItemView::updateEditorD ata()
vfunc[74]:	QAbstractItemView::updateEditorG eometries()
vfunc[75]:	QTableView::updateGeometries()
vfunc[76]:	QTableView::verticalScrollbarAction (int)
vfunc[77]:	QTableView::horizontalScrollbarActi on(int)
vfunc[78]:	QAbstractItemView::verticalScrollba rValueChanged(int)
vfunc[79]:	QAbstractItemView::horizontalScroll barValueChanged(int)
vfunc[80]:	QAbstractItemView::closeEditor(QW idget*, QAbstractItemDelegate::EndEditHin t)
vfunc[81]:	QAbstractItemView::commitData(Q Widget*)
vfunc[82]:	QAbstractItemView::editorDestroye

	d(QObject*)
vfunc[83]:	QTableView::moveCursor(QAbstractItemView::CursorAction, QFlags<Qt::KeyboardModifier>)
vfunc[84]:	QTableView::horizontalOffset() const
vfunc[85]:	QTableView::verticalOffset() const
vfunc[86]:	QTableView::isIndexHidden(QModelIndex const&) const
vfunc[87]:	QTableView::setSelection(QRect const&, QFlags<QItemSelectionModel::SelectionFlag>)
vfunc[88]:	QTableView::visualRegionForSelection(QItemSelection const&) const
vfunc[89]:	QTableView::selectedIndexes() const
vfunc[90]:	QAbstractItemView::edit(QModelIndex const&, QAbstractItemView::EditTrigger, QEvent*)
vfunc[91]:	QAbstractItemView::selectionCommand(QModelIndex const&, QEvent const*) const
vfunc[92]:	QAbstractItemView::startDrag(QFlags<Qt::DropAction>)
vfunc[93]:	QTableView::viewOptions() const

The Run Time Type Information for the QTableView class is described by Table 17-231

Table 17-231 typeinfo for QTableView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTableView
basetype:	typeinfo for QAbstractItemView

17.4.10.17 Class data for QTableWidgetItem

The virtual table for the QTableWidgetItem class is described by Table 17-232

Table 17-232 Primary vtable for QTableWidgetItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTableWidgetItem
vfunc[0]:	QTableWidgetItem::~QTableWidgetItem()
vfunc[1]:	QTableWidgetItem::~QTableWidgetItem()

vfunc[2]:	QTableWidgetItem::clone() const
vfunc[3]:	QTableWidgetItem::data(int) const
vfunc[4]:	QTableWidgetItem::setData(int, QVariant const&)
vfunc[5]:	QTableWidgetItem::operator<(QTableWidgetItem const&) const
vfunc[6]:	QTableWidgetItem::read(QDataStream&)
vfunc[7]:	QTableWidgetItem::write(QDataStream&) const

The Run Time Type Information for the QTableWidgetItem class is described by Table 17-233

Table 17-233 typeinfo for QTableWidgetItem

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTableWidgetItem

17.4.10.18 Class data for QTableWidget

The virtual table for the QTableWidget class is described by Table 17-234

Table 17-234 Primary vtable for QTableWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTableWidget
vfunc[0]:	QTableWidget::metaObject() const
vfunc[1]:	QTableWidget::qt_metacast(char const*)
vfunc[2]:	QTableWidget::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTableWidget::~QTableWidget()
vfunc[4]:	QTableWidget::~QTableWidget()
vfunc[5]:	QTableWidget::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QTableView::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const

© 2008 Linux Foundation

vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractScrollArea::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractItemView::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractItemView::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QAbstractItemView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractItemView::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractItemView::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractItemView::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractItemView::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QTableView::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractItemView::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractScrollArea::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QAbstractItemView::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QAbstractItemView::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QAbstractItemView::dragLeaveEven

	t(QDragLeaveEvent*)
vfunc[39]:	QAbstractItemView::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractItemView::viewportEvent(QEvent*)
vfunc[55]:	QTableView::scrollContentsBy(int, int)
vfunc[56]:	QTableWidget::setModel(QAbstractItemModel*)
vfunc[57]:	QTableView::setSelectionModel(QItemSelectionModel*)
vfunc[58]:	QAbstractItemView::keyboardSearch(QString const&)
vfunc[59]:	QTableView::visualRect(QModelIndex const&) const
vfunc[60]:	QTableView::scrollTo(QModelIndex const&, QAbstractItemView::ScrollHint)
vfunc[61]:	QTableView::indexAt(QPoint const&) const
vfunc[62]:	QTableView::sizeHintForRow(int) const
vfunc[63]:	QTableView::sizeHintForColumn(int) const

© 2008 Linux Foundation

vfunc[64]:	QAbstractItemView::reset()
vfunc[65]:	QTableView::setRootIndex(QModelIndex const&)
vfunc[66]:	QAbstractItemView::doItemsLayout()
vfunc[67]:	QAbstractItemView::selectAll()
vfunc[68]:	QAbstractItemView::dataChanged(QModelIndex const&, QModelIndex const&)
vfunc[69]:	QAbstractItemView::rowsInserted(QModelIndex const&, int, int)
vfunc[70]:	QAbstractItemView::rowsAboutToBeRemoved(QModelIndex const&, int, int)
vfunc[71]:	QAbstractItemView::selectionChanged(QItemSelection const&, QItemSelection const&)
vfunc[72]:	QAbstractItemView::currentChanged(QModelIndex const&, QModelIndex const&)
vfunc[73]:	QAbstractItemView::updateEditorData()
vfunc[74]:	QAbstractItemView::updateEditorGeometries()
vfunc[75]:	QTableView::updateGeometries()
vfunc[76]:	QTableView::verticalScrollbarAction(int)
vfunc[77]:	QTableView::horizontalScrollbarAction(int)
vfunc[78]:	QAbstractItemView::verticalScrollbarValueChanged(int)
vfunc[79]:	QAbstractItemView::horizontalScrollbarValueChanged(int)
vfunc[80]:	QAbstractItemView::closeEditor(QWidget*, QAbstractItemDelegate::EndEditHint)
vfunc[81]:	QAbstractItemView::commitData(QWidget*)
vfunc[82]:	QAbstractItemView::editorDestroyed(QObject*)
vfunc[83]:	QTableView::moveCursor(QAbstractItemView::CursorAction, QFlags<Qt::KeyboardModifier>)
vfunc[84]:	QTableView::horizontalOffset() const

vfunc[85]:	QTableView::verticalOffset() const
vfunc[86]:	QTableView::isIndexHidden(QModelIndex const&) const
vfunc[87]:	QTableView::setSelection(QRect const&, QFlags<QItemSelectionModel::SelectionFlag>)
vfunc[88]:	QTableView::visualRegionForSelection(QItemSelection const&) const
vfunc[89]:	QTableView::selectedIndexes() const
vfunc[90]:	QAbstractItemView::edit(QModelIndex const&, QAbstractItemView::EditTrigger, QEvent*)
vfunc[91]:	QAbstractItemView::selectionCommand(QModelIndex const&, QEvent const*) const
vfunc[92]:	QAbstractItemView::startDrag(QFlags<Qt::DropAction>)
vfunc[93]:	QTableView::viewOptions() const
vfunc[94]:	QTableWidget::mimeTypes() const
vfunc[95]:	QTableWidget::mimeData(QList<QTableWidgetItem*>) const
vfunc[96]:	QTableWidget::dropMimeData(int, int, QMimeData const*, Qt::DropAction)
vfunc[97]:	QTableWidget::supportedDropActions() const

The Run Time Type Information for the QTableWidget class is described by Table 17-235

Table 17-235 typeinfo for QTableWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTableWidget
basetype:	typeinfo for QTableView

17.4.10.19 Class data for QTreeView

The virtual table for the QTreeView class is described by Table 17-236

Table 17-236 Primary vtable for QTreeView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTreeView
vfunc[0]:	QTreeView::metaObject() const

vfunc[1]:	QTreeView::qt_metacast(char const*)
vfunc[2]:	QTreeView::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTreeView::~QTreeView()
vfunc[4]:	QTreeView::~QTreeView()
vfunc[5]:	QAbstractItemView::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QTreeView::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractScrollArea::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QTreeView::mousePressEvent(QMouseEvent*)
vfunc[19]:	QTreeView::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QTreeView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractItemView::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractItemView::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractItemView::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractItemView::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QTreeView::paintEvent(QPaintEvent

	*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractItemView::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractScrollArea::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QAbstractItemView::dragEnterEvent (QDragEnterEvent*)
vfunc[37]:	QAbstractItemView::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QAbstractItemView::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QAbstractItemView::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractItemView::viewportEvent(QEvent*)
vfunc[55]:	QTreeView::scrollContentsBy(int, int)

© 2008 Linux Foundation

vfunc[56]:	QTreeView::setModel(QAbstractItemModel*)
vfunc[57]:	QTreeView::setSelectionModel(QItemSelectionModel*)
vfunc[58]:	QTreeView::keyboardSearch(QString const&)
vfunc[59]:	QTreeView::visualRect(QModelIndex const&) const
vfunc[60]:	QTreeView::scrollTo(QModelIndex const&, QAbstractItemView::ScrollHint)
vfunc[61]:	QTreeView::indexAt(QPoint const&) const
vfunc[62]:	QAbstractItemView::sizeHintForRow(int) const
vfunc[63]:	QTreeView::sizeHintForColumn(int) const
vfunc[64]:	QTreeView::reset()
vfunc[65]:	QTreeView::setRootIndex(QModelIndex const&)
vfunc[66]:	QTreeView::doItemsLayout()
vfunc[67]:	QTreeView::selectAll()
vfunc[68]:	QTreeView::dataChanged(QModelIndex const&, QModelIndex const&)
vfunc[69]:	QTreeView::rowsInserted(QModelIndex const&, int, int)
vfunc[70]:	QTreeView::rowsAboutToBeRemoved(QModelIndex const&, int, int)
vfunc[71]:	QAbstractItemView::selectionChanged(QItemSelection const&, QItemSelection const&)
vfunc[72]:	QAbstractItemView::currentChanged(QModelIndex const&, QModelIndex const&)
vfunc[73]:	QAbstractItemView::updateEditorData()
vfunc[74]:	QAbstractItemView::updateEditorGeometries()
vfunc[75]:	QTreeView::updateGeometries()
vfunc[76]:	QAbstractItemView::verticalScrollbarAction(int)
vfunc[77]:	QTreeView::horizontalScrollbarAction(int)
vfunc[78]:	QAbstractItemView::verticalScrollbarValueChanged(int)

vfunc[79]:	QAbstractItemView::horizontalScrollbarValueChanged(int)
vfunc[80]:	QAbstractItemView::closeEditor(QWidget*, QAbstractItemDelegate::EndEditHint)
vfunc[81]:	QAbstractItemView::commitData(QWidget*)
vfunc[82]:	QAbstractItemView::editorDestroyed(QObject*)
vfunc[83]:	QTreeView::moveCursor(QAbstractItemView::CursorAction, QFlags<Qt::KeyboardModifier>)
vfunc[84]:	QTreeView::horizontalOffset() const
vfunc[85]:	QTreeView::verticalOffset() const
vfunc[86]:	QTreeView::isIndexHidden(QModelIndex const&) const
vfunc[87]:	QTreeView::setSelection(QRect const&, QFlags<QItemSelectionModel::SelectionFlag>)
vfunc[88]:	QTreeView::visualRegionForSelection(QItemSelection const&) const
vfunc[89]:	QTreeView::selectedIndexes() const
vfunc[90]:	QAbstractItemView::edit(QModelIndex const&, QAbstractItemView::EditTrigger, QEvent*)
vfunc[91]:	QAbstractItemView::selectionCommand(QModelIndex const&, QEvent const*) const
vfunc[92]:	QAbstractItemView::startDrag(QFlags<Qt::DropAction>)
vfunc[93]:	QAbstractItemView::viewOptions() const
vfunc[94]:	QTreeView::drawRow(QPainter*, QStyleOptionViewItem const&, QModelIndex const&) const
vfunc[95]:	QTreeView::drawBranches(QPainter*, QRect const&, QModelIndex const&) const

The Run Time Type Information for the QTreeView class is described by Table 17-237

Table 17-237 typeinfo for QTreeView

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QTreeView
basetype:	typeinfo for QAbstractItemView

17.4.10.20 Class data for QProxyModel

The virtual table for the QProxyModel class is described by Table 17-238

Table 17-238 Primary vtable for QProxyModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QProxyModel
vfunc[0]:	QProxyModel::metaObject() const
vfunc[1]:	QProxyModel::qt_metacast(char const*)
vfunc[2]:	QProxyModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QProxyModel::~QProxyModel()
vfunc[4]:	QProxyModel::~QProxyModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QProxyModel::index(int, int, QModelIndex const&) const
vfunc[13]:	QProxyModel::parent(QModelIndex const&) const
vfunc[14]:	QProxyModel::rowCount(QModelIndex const&) const
vfunc[15]:	QProxyModel::columnCount(QModelIndex const&) const
vfunc[16]:	QProxyModel::hasChildren(QModelIndex const&) const
vfunc[17]:	QProxyModel::data(QModelIndex const&, int) const
vfunc[18]:	QProxyModel::setData(QModelIndex const&, QVariant const&, int)
vfunc[19]:	QProxyModel::headerData(int, Qt::Orientation, int) const
vfunc[20]:	QProxyModel::setHeaderData(int,

	Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QProxyModel::mimeTypes() const
vfunc[24]:	QProxyModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QProxyModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QProxyModel::supportedDropActions() const
vfunc[27]:	QProxyModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QProxyModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QAbstractItemModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QAbstractItemModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QProxyModel::fetchMore(QModelIndex const&)
vfunc[32]:	QAbstractItemModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QProxyModel::flags(QModelIndex const&) const
vfunc[34]:	QProxyModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QProxyModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QProxyModel::span(QModelIndex const&) const
vfunc[38]:	QProxyModel::submit()
vfunc[39]:	QProxyModel::revert()
vfunc[40]:	QProxyModel::setModel(QAbstractItemModel*)

The Run Time Type Information for the QProxyModel class is described by Table 17-239

Table 17-239 typeinfo for QProxyModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QProxyModel
basetype:	typeinfo for QAbstractItemModel

17.4.10.21 Class data for QHeaderView

The virtual table for the QHeaderView class is described by Table 17-240

Table 17-240 Primary vtable for QHeaderView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHeaderView
vfunc[0]:	QHeaderView::metaObject() const
vfunc[1]:	QHeaderView::qt_metacast(char const*)
vfunc[2]:	QHeaderView::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QHeaderView::~QHeaderView()
vfunc[4]:	QHeaderView::~QHeaderView()
vfunc[5]:	QHeaderView::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractItemView::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QHeaderView::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QHeaderView::mousePressEvent(QMouseEvent*)
vfunc[19]:	QHeaderView::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QHeaderView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QHeaderView::mouseMoveEvent(Q

	MouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractItemView::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractItemView::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractItemView::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QHeaderView::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractItemView::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractScrollArea::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QAbstractItemView::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QAbstractItemView::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QAbstractItemView::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QAbstractItemView::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const

© 2008 Linux Foundation

vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QHeaderView::viewportEvent(QEvent*)
vfunc[55]:	QHeaderView::scrollContentsBy(int, int)
vfunc[56]:	QHeaderView::setModel(QAbstractItemModel*)
vfunc[57]:	QAbstractItemView::setSelectionModel(QItemSelectionModel*)
vfunc[58]:	QAbstractItemView::keyboardSearch(QString const&)
vfunc[59]:	QHeaderView::visualRect(QModelIndex const&) const
vfunc[60]:	QHeaderView::scrollTo(QModelIndex const&, QAbstractItemView::ScrollHint)
vfunc[61]:	QHeaderView::indexAt(QPoint const&) const
vfunc[62]:	QAbstractItemView::sizeHintForRow(int) const
vfunc[63]:	QAbstractItemView::sizeHintForColumn(int) const
vfunc[64]:	QAbstractItemView::reset()
vfunc[65]:	QAbstractItemView::setRootIndex(QModelIndex const&)
vfunc[66]:	QHeaderView::doItemsLayout()
vfunc[67]:	QAbstractItemView::selectAll()
vfunc[68]:	QHeaderView::dataChanged(QModelIndex const&, QModelIndex const&)
vfunc[69]:	QHeaderView::rowsInserted(QModelIndex const&, int, int)
vfunc[70]:	QAbstractItemView::rowsAboutToBeRemoved(QModelIndex const&, int, int)
vfunc[71]:	QAbstractItemView::selectionChang

	ed(QItemSelection const&, QItemSelection const&)
vfunc[72]:	QHeaderView::currentChanged(QModelIndex const&, QModelIndex const&)
vfunc[73]:	QAbstractItemView::updateEditorData()
vfunc[74]:	QAbstractItemView::updateEditorGeometries()
vfunc[75]:	QHeaderView::updateGeometries()
vfunc[76]:	QAbstractItemView::verticalScrollbarAction(int)
vfunc[77]:	QAbstractItemView::horizontalScrollbarAction(int)
vfunc[78]:	QAbstractItemView::verticalScrollbarValueChanged(int)
vfunc[79]:	QAbstractItemView::horizontalScrollbarValueChanged(int)
vfunc[80]:	QAbstractItemView::closeEditor(QWidget*, QAbstractItemDelegate::EndEditHint)
vfunc[81]:	QAbstractItemView::commitData(QWidget*)
vfunc[82]:	QAbstractItemView::editorDestroyed(QObject*)
vfunc[83]:	QHeaderView::moveCursor(QAbstractItemView::CursorAction, QFlags<Qt::KeyboardModifier>)
vfunc[84]:	QHeaderView::horizontalOffset() const
vfunc[85]:	QHeaderView::verticalOffset() const
vfunc[86]:	QHeaderView::isIndexHidden(QModelIndex const&) const
vfunc[87]:	QHeaderView::setSelection(QRect const&, QFlags<QItemSelectionModel::SelectionFlag>)
vfunc[88]:	QHeaderView::visualRegionForSelection(QItemSelection const&) const
vfunc[89]:	QAbstractItemView::selectedIndexes() const
vfunc[90]:	QAbstractItemView::edit(QModelIndex const&, QAbstractItemView::EditTrigger, QEvent*)

© 2008 Linux Foundation

vfunc[91]:	QAbstractItemView::selectionCommand(QModelIndex const&, QEvent const*) const
vfunc[92]:	QAbstractItemView::startDrag(QFlags<Qt::DropAction>)
vfunc[93]:	QAbstractItemView::viewOptions() const
vfunc[94]:	QHeaderView::paintSection(QPainter*, QRect const&, int) const
vfunc[95]:	QHeaderView::sectionSizeFromContents(int) const

The Run Time Type Information for the QHeaderView class is described by Table 17-241

Table 17-241 typeinfo for QHeaderView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHeaderView
basetype:	typeinfo for QAbstractItemView

17.4.10.22 Class data for QItemEditorFactory

The virtual table for the QItemEditorFactory class is described by Table 17-242

Table 17-242 Primary vtable for QItemEditorFactory

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QItemEditorFactory
vfunc[0]:	QItemEditorFactory::~QItemEditorFactory()
vfunc[1]:	QItemEditorFactory::~QItemEditorFactory()
vfunc[2]:	QItemEditorFactory::createEditor(QVariant::Type, QWidget*) const
vfunc[3]:	QItemEditorFactory::valuePropertyName(QVariant::Type) const

The Run Time Type Information for the QItemEditorFactory class is described by Table 17-243

Table 17-243 typeinfo for QItemEditorFactory

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QItemEditorFactory

17.4.10.23 Class data for QTreeWidgetItem

The virtual table for the QTreeWidgetItem class is described by Table 17-244

Table 17-244 Primary vtable for QTreeWidgetItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTreeWidgetItem
vfunc[0]:	QTreeWidgetItem::~QTreeWidgetItem()
vfunc[1]:	QTreeWidgetItem::~QTreeWidgetItem()
vfunc[2]:	QTreeWidgetItem::clone() const
vfunc[3]:	QTreeWidgetItem::data(int, int) const
vfunc[4]:	QTreeWidgetItem::setData(int, int, QVariant const&)
vfunc[5]:	QTreeWidgetItem::operator<(QTreeWidgetItem const&) const
vfunc[6]:	QTreeWidgetItem::read(QDataStream&)
vfunc[7]:	QTreeWidgetItem::write(QDataStream&) const

The Run Time Type Information for the QTreeWidgetItem class is described by Table 17-245

Table 17-245 typeinfo for QTreeWidgetItem

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTreeWidgetItem

17.4.10.24 Class data for QTreeWidget

The virtual table for the QTreeWidget class is described by Table 17-246

Table 17-246 Primary vtable for QTreeWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTreeWidget
vfunc[0]:	QTreeWidget::metaObject() const
vfunc[1]:	QTreeWidget::qt_metacast(char const*)
vfunc[2]:	QTreeWidget::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTreeWidget::~QTreeWidget()
vfunc[4]:	QTreeWidget::~QTreeWidget()
vfunc[5]:	QTreeWidget::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)

vfunc[7]:	QTreeView::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractScrollArea::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QTreeView::mousePressEvent(QMouseEvent*)
vfunc[19]:	QTreeView::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QTreeView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractItemView::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractItemView::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractItemView::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractItemView::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QTreeView::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractItemView::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractScrollArea::contextMenuEvent(QContextMenuEvent*)

vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QAbstractItemView::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QAbstractItemView::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QAbstractItemView::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QAbstractItemView::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractItemView::viewportEvent(QEvent*)
vfunc[55]:	QTreeView::scrollContentsBy(int, int)
vfunc[56]:	QTreeWidget::setModel(QAbstractItemModel*)
vfunc[57]:	QTreeView::setSelectionModel(QItemSelectionModel*)
vfunc[58]:	QTreeView::keyboardSearch(QString const&)
vfunc[59]:	QTreeView::visualRect(QModelIndex const&) const

© 2008 Linux Foundation

vfunc[60]:	QTreeView::scrollTo(QModelIndex const&, QAbstractItemView::ScrollHint)
vfunc[61]:	QTreeView::indexAt(QPoint const&) const
vfunc[62]:	QAbstractItemView::sizeHintForRow(int) const
vfunc[63]:	QTreeView::sizeHintForColumn(int) const
vfunc[64]:	QTreeView::reset()
vfunc[65]:	QTreeView::setRootIndex(QModelIndex const&)
vfunc[66]:	QTreeView::doItemsLayout()
vfunc[67]:	QTreeView::selectAll()
vfunc[68]:	QTreeView::dataChanged(QModelIndex const&, QModelIndex const&)
vfunc[69]:	QTreeView::rowsInserted(QModelIndex const&, int, int)
vfunc[70]:	QTreeView::rowsAboutToBeRemoved(QModelIndex const&, int, int)
vfunc[71]:	QAbstractItemView::selectionChanged(QItemSelection const&, QItemSelection const&)
vfunc[72]:	QAbstractItemView::currentChanged(QModelIndex const&, QModelIndex const&)
vfunc[73]:	QAbstractItemView::updateEditorData()
vfunc[74]:	QAbstractItemView::updateEditorGeometries()
vfunc[75]:	QTreeView::updateGeometries()
vfunc[76]:	QAbstractItemView::verticalScrollbarAction(int)
vfunc[77]:	QTreeView::horizontalScrollbarAction(int)
vfunc[78]:	QAbstractItemView::verticalScrollbarValueChanged(int)
vfunc[79]:	QAbstractItemView::horizontalScrollbarValueChanged(int)
vfunc[80]:	QAbstractItemView::closeEditor(QWidget*, QAbstractItemDelegate::EndEditHint)
vfunc[81]:	QAbstractItemView::commitData(QWidget*)
vfunc[82]:	QAbstractItemView::editorDestroye

	d(QObject*)
vfunc[83]:	QTreeView::moveCursor(QAbstractItemView::CursorAction, QFlags<Qt::KeyboardModifier>)
vfunc[84]:	QTreeView::horizontalOffset() const
vfunc[85]:	QTreeView::verticalOffset() const
vfunc[86]:	QTreeView::isIndexHidden(QModelIndex const&) const
vfunc[87]:	QTreeView::setSelection(QRect const&, QFlags<QItemSelectionModel::SelectionFlag>)
vfunc[88]:	QTreeView::visualRegionForSelection(QItemSelection const&) const
vfunc[89]:	QTreeView::selectedIndexes() const
vfunc[90]:	QAbstractItemView::edit(QModelIndex const&, QAbstractItemView::EditTrigger, QEvent*)
vfunc[91]:	QAbstractItemView::selectionCommand(QModelIndex const&, QEvent const*) const
vfunc[92]:	QAbstractItemView::startDrag(QFlags<Qt::DropAction>)
vfunc[93]:	QAbstractItemView::viewOptions() const
vfunc[94]:	QTreeView::drawRow(QPainter*, QStyleOptionViewItem const&, QModelIndex const&) const
vfunc[95]:	QTreeView::drawBranches(QPainter*, QRect const&, QModelIndex const&) const
vfunc[96]:	QTreeWidget::mimeTypes() const
vfunc[97]:	QTreeWidget::mimeData(QList<QTreeWidgetItem*>) const
vfunc[98]:	QTreeWidget::dropMimeData(QTreeWidgetItem*, int, QMimeData const*, Qt::DropAction)
vfunc[99]:	QTreeWidget::supportedDropActions() const

The Run Time Type Information for the QTreeWidget class is described by Table 17-247

Table 17-247 typeinfo for QTreeWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info

Name	typeinfo name for QTreeWidget
basetype:	typeinfo for QTreeView

17.4.10.25 Class data for QAbstractButton

The virtual table for the QAbstractButton class is described by Table 17-248

Table 17-248 Primary vtable for QAbstractButton

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractButton
vfunc[0]:	QAbstractButton::metaObject() const
vfunc[1]:	QAbstractButton::qt_metacast(char const*)
vfunc[2]:	QAbstractButton::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractButton::~QAbstractButton()
vfunc[4]:	QAbstractButton::~QAbstractButton()
vfunc[5]:	QAbstractButton::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractButton::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractButton::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractButton::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractButton::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent

	*)
vfunc[23]:	QAbstractButton::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractButton::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractButton::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractButton::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	__cxa_pure_virtual
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractButton::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)

© 2008 Linux Foundation

vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractButton::hitButton(QPoint const&) const
vfunc[55]:	QAbstractButton::checkStateSet()
vfunc[56]:	QAbstractButton::nextCheckState()

The Run Time Type Information for the QAbstractButton class is described by Table 17-249

Table 17-249 typeinfo for QAbstractButton

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractButton
basetype:	typeinfo for QWidget

17.4.10.26 Class data for QAbstractGraphicsShapeItem

The virtual table for the QAbstractGraphicsShapeItem class is described by Table 17-250

Table 17-250 Primary vtable for QAbstractGraphicsShapeItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractGraphicsShapeItem
vfunc[0]:	QAbstractGraphicsShapeItem::~QAbstractGraphicsShapeItem()
vfunc[1]:	QAbstractGraphicsShapeItem::~QAbstractGraphicsShapeItem()
vfunc[2]:	QGraphicsItem::advance(int)
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	QGraphicsItem::shape() const
vfunc[5]:	QGraphicsItem::contains(QPointF const&) const
vfunc[6]:	QGraphicsItem::collidesWithItem(QGraphicsItem const*, Qt::ItemSelectionMode) const
vfunc[7]:	QGraphicsItem::collidesWithPath(QPainterPath const&, Qt::ItemSelectionMode) const
vfunc[8]:	QAbstractGraphicsShapeItem::isObs

	curedBy(QGraphicsItem const*) const
vfunc[9]:	QAbstractGraphicsShapeItem::opaqueArea() const
vfunc[10]:	__cxa_pure_virtual
vfunc[11]:	QGraphicsItem::type() const
vfunc[12]:	QGraphicsItem::sceneEventFilter(QGraphicsItem*, QEvent*)
vfunc[13]:	QGraphicsItem::sceneEvent(QEvent*)
vfunc[14]:	QGraphicsItem::contextMenuEvent(QGraphicsSceneContextMenuEvent*)
vfunc[15]:	QGraphicsItem::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsItem::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsItem::dragMoveEvent(QGraphicsSceneDragDropEvent*)
vfunc[18]:	QGraphicsItem::dropEvent(QGraphicsSceneDragDropEvent*)
vfunc[19]:	QGraphicsItem::focusInEvent(QFocusEvent*)
vfunc[20]:	QGraphicsItem::focusOutEvent(QFocusEvent*)
vfunc[21]:	QGraphicsItem::hoverEnterEvent(QGraphicsSceneHoverEvent*)
vfunc[22]:	QGraphicsItem::hoverMoveEvent(QGraphicsSceneHoverEvent*)
vfunc[23]:	QGraphicsItem::hoverLeaveEvent(QGraphicsSceneHoverEvent*)
vfunc[24]:	QGraphicsItem::keyPressEvent(QKeyEvent*)
vfunc[25]:	QGraphicsItem::keyReleaseEvent(QKeyEvent*)
vfunc[26]:	QGraphicsItem::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsItem::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[28]:	QGraphicsItem::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[29]:	QGraphicsItem::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[30]:	QGraphicsItem::wheelEvent(QGraphicsSceneWheelEvent*)

© 2008 Linux Foundation

vfunc[31]:	QGraphicsItem::inputMethodEvent(QInputMethodEvent*)
vfunc[32]:	QGraphicsItem::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[33]:	QGraphicsItem::itemChange(QGraphicsItem::GraphicsItemChange, QVariant const&)
vfunc[34]:	QGraphicsItem::supportsExtension(QGraphicsItem::Extension) const
vfunc[35]:	QGraphicsItem::setExtension(QGraphicsItem::Extension, QVariant const&)
vfunc[36]:	QGraphicsItem::extension(QVariant const&) const

17.4.10.27 Class data for QCompleter

The virtual table for the QCompleter class is described by Table 17-251

Table 17-251 Primary vtable for QCompleter

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCompleter
vfunc[0]:	QCompleter::metaObject() const
vfunc[1]:	QCompleter::qt_metacast(char const*)
vfunc[2]:	QCompleter::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QCompleter::~QCompleter()
vfunc[4]:	QCompleter::~QCompleter()
vfunc[5]:	QCompleter::event(QEvent*)
vfunc[6]:	QCompleter::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QCompleter::pathFromIndex(QModelIndex const&) const
vfunc[13]:	QCompleter::splitPath(QString const&) const

17.4.10.28 Class data for QDataWidgetMapper

The virtual table for the QDataWidgetMapper class is described by Table 17-252

Table 17-252 Primary vtable for QDataWidgetMapper

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDataWidgetMapper
vfunc[0]:	QDataWidgetMapper::metaObject() const
vfunc[1]:	QDataWidgetMapper::qt_metacast(char const*)
vfunc[2]:	QDataWidgetMapper::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QDataWidgetMapper::~QDataWidgetMapper()
vfunc[4]:	QDataWidgetMapper::~QDataWidgetMapper()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QDataWidgetMapper::setCurrentIndex(int)

17.4.10.29 Class data for QStandardItem

The virtual table for the QStandardItem class is described by Table 17-253

Table 17-253 Primary vtable for QStandardItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStandardItem
vfunc[0]:	QStandardItem::~QStandardItem()
vfunc[1]:	QStandardItem::~QStandardItem()
vfunc[2]:	QStandardItem::data(int) const
vfunc[3]:	QStandardItem::setData(QVariant const&, int)
vfunc[4]:	QStandardItem::clone() const
vfunc[5]:	QStandardItem::type() const
vfunc[6]:	QStandardItem::read(QDataStream&)
vfunc[7]:	QStandardItem::write(QDataStream&) const

© 2008 Linux Foundation

vfunc[8]:	QStandardItem::operator<(QStandardItem const&) const

17.4.10.30 Interfaces for Qt4 Models and Views

An LSB conforming implementation shall provide the generic functions for Qt4 Models and Views specified in Table 17-254, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-254 libQtGui - Qt4 Models and Views Function Interfaces

_ZN10QCompleter11eventFilterEP7QObjectP6QEvent [QtXml]	_ZN10QCompleter11highlightedERK11QModelIndex [QtXml]
_ZN10QCompleter11highlightedERK7QString [QtXml]	_ZN10QCompleter11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN10QCompleter11qt_metacastEPKc [QtXml]	_ZN10QCompleter13setCurrentRowEi [QtXml]
_ZN10QCompleter15setModelSortingENS_12ModelSortingE [QtXml]	_ZN10QCompleter17setCompletionModeENS_14CompletionModeE [QtXml]
_ZN10QCompleter17setCompletionRoleEi [QtXml]	_ZN10QCompleter18setCaseSensitivityEN2Qt15CaseSensitivityE [QtXml]
_ZN10QCompleter19setCompletionColumnEi [QtXml]	_ZN10QCompleter19setCompletionPrefixERK7QString [QtXml]
_ZN10QCompleter5eventEP6QEvent [QtXml]	_ZN10QCompleter8completeERK5QRect [QtXml]
_ZN10QCompleter8setModelEP18QAbstractItemModel [QtXml]	_ZN10QCompleter8setPopupEP17QAbstractItemView [QtXml]
_ZN10QCompleter9activatedERK11QModelIndex [QtXml]	_ZN10QCompleter9activatedERK7QString [QtXml]
_ZN10QCompleter9setWidgetEP7QWidget [QtXml]	_ZN10QCompleterC1EP18QAbstractItemModelP7QObject [QtXml]
_ZN10QCompleterC1EP7QObject [QtXml]	_ZN10QCompleterC1ERK11QStringListP7QObject [QtXml]
_ZN10QCompleterC2EP18QAbstractItemModelP7QObject [QtXml]	_ZN10QCompleterC2EP7QObject [QtXml]
_ZN10QCompleterC2ERK11QStringListP7QObject [QtXml]	_ZN10QCompleterD0Ev [QtXml]
_ZN10QCompleterD1Ev [QtXml]	_ZN10QCompleterD2Ev [QtXml]
_ZN10QTableView10hideColumnEi [QtGui]	_ZN10QTableView10moveCursorEN17QAbstractItemView12CursorActionE6QFlagsIN2Qt16KeyboardModifierEE [QtGui]
_ZN10QTableView10paintEventEP11QPaintEvent [QtGui]	_ZN10QTableView10rowResizedEiii [QtGui]
_ZN10QTableView10showColumnEi [QtGui]	_ZN10QTableView10timerEventEP11QTimerEvent [QtGui]
_ZN10QTableView11columnMovedEiii [QtGui]	_ZN10QTableView11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]

_ZN10QTableView11qt_metacastEPKc [QtGui]	_ZN10QTableView11setShowGridEb [QtGui]
_ZN10QTableView12selectColumnEi [QtGui]	_ZN10QTableView12setGridStyleEN2Qt8PenStyleE [QtGui]
_ZN10QTableView12setRootIndexERK11QModelIndex [QtGui]	_ZN10QTableView12setRowHeightEii [QtGui]
_ZN10QTableView12setRowHiddenEib [QtGui]	_ZN10QTableView12setSelectionERK5QRect6QFlagsIN19QItemSelectionModel13SelectionFlagEE [QtGui]
_ZN10QTableView12sortByColumnEi [QtGui]	_ZN10QTableView12sortByColumnEiN2Qt9SortOrderE [QtXml]
_ZN10QTableView13columnResizedEiii [QtGui]	_ZN10QTableView14setColumnWidthEii [QtGui]
_ZN10QTableView15rowCountChangedEii [QtGui]	_ZN10QTableView15setColumnHiddenEib [QtGui]
_ZN10QTableView16scrollContentsByEii [QtGui]	_ZN10QTableView16updateGeometriesEv [QtGui]
_ZN10QTableView17setSelectionModelEP19QItemSelectionModel [QtGui]	_ZN10QTableView17setSortingEnabledEb [QtXml]
_ZN10QTableView17setVerticalHeaderEP11QHeaderView [QtGui]	_ZN10QTableView18columnCountChangedEii [QtGui]
_ZN10QTableView19resizeRowToContentsEi [QtGui]	_ZN10QTableView19setHorizontalHeaderEP11QHeaderView [QtGui]
_ZN10QTableView20resizeRowsToContentsEv [QtGui]	_ZN10QTableView22resizeColumnToContentsEi [QtGui]
_ZN10QTableView23resizeColumnsToContentsEv [QtGui]	_ZN10QTableView23verticalScrollbarActionEi [QtGui]
_ZN10QTableView25horizontalScrollbarActionEi [QtGui]	_ZN10QTableView7hideRowEi [QtGui]
_ZN10QTableView7setSpanEiiii [QtXml]	_ZN10QTableView7showRowEi [QtGui]
_ZN10QTableView8rowMovedEiii [QtGui]	_ZN10QTableView8scrollToERK11QModelIndexN17QAbstractItemView10ScrollHintE [QtGui]
_ZN10QTableView8setModelEP18QAbstractItemModel [QtGui]	_ZN10QTableView9selectRowEi [QtGui]
_ZN10QTableViewC1EP7QWidget [QtGui]	_ZN10QTableViewC2EP7QWidget [QtGui]
_ZN10QTableViewD0Ev [QtGui]	_ZN10QTableViewD1Ev [QtGui]
_ZN10QTableViewD2Ev [QtGui]	_ZN11QHeaderView10initializeEv [QtGui]
_ZN11QHeaderView10moveCursorEN17QAbstractItemView12CursorActionE6QFlagsIN2Qt16KeyboardModifierEE [QtGui]	_ZN11QHeaderView10paintEventEP11QPaintEvent [QtGui]

_ZN11QHeaderView10setMovableEb [QtGui]	_ZN11QHeaderView11dataChangedERK11QModelIndexS2_ [QtGui]
_ZN11QHeaderView11moveSectionEii [QtGui]	_ZN11QHeaderView11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN11QHeaderView11qt_metacastEPKc [QtGui]	_ZN11QHeaderView12rowsInsertedERK11QModelIndexii [QtGui]
_ZN11QHeaderView12sectionMovedEiii [QtGui]	_ZN11QHeaderView12setClickableEb [QtGui]
_ZN11QHeaderView12setSelectionERK5QRect6QFlagsIN19QItemSelectionModel13SelectionFlagEE [QtGui]	_ZN11QHeaderView12swapSectionsEii [QtXml]
_ZN11QHeaderView13doItemsLayoutEv [QtGui]	_ZN11QHeaderView13resizeSectionEii [QtGui]
_ZN11QHeaderView13setResizeModeENS_10ResizeModeE [QtGui]	_ZN11QHeaderView13setResizeModeEiNS_10ResizeModeE [QtGui]
_ZN11QHeaderView13updateSectionEi [QtGui]	_ZN11QHeaderView13viewportEventEP6QEvent [QtGui]
ZN11QHeaderView14currentChangedERK11QModelIndexS2 [QtGui]	_ZN11QHeaderView14mouseMoveEventEP11QMouseEvent [QtGui]
_ZN11QHeaderView14resizeSectionsENS_10ResizeModeE [QtGui]	_ZN11QHeaderView14resizeSectionsEv [QtGui]
_ZN11QHeaderView14sectionClickedEi [QtGui]	_ZN11QHeaderView14sectionPressedEi [QtGui]
_ZN11QHeaderView14sectionResizedEiii [QtGui]	_ZN11QHeaderView15mousePressEventEP11QMouseEvent [QtGui]
_ZN11QHeaderView16scrollContentsByEii [QtGui]	_ZN11QHeaderView16sectionsInsertedERK11QModelIndexii [QtGui]
_ZN11QHeaderView16setSectionHiddenEib [QtGui]	_ZN11QHeaderView16setSortIndicatorEiN2Qt9SortOrderE [QtGui]
_ZN11QHeaderView16updateGeometriesEv [QtGui]	_ZN11QHeaderView17geometriesChangedEv [QtXml]
_ZN11QHeaderView17headerDataChangedEN2Qt11OrientationEii [QtGui]	_ZN11QHeaderView17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN11QHeaderView17sectionAutoResizeEiNS_10ResizeModeE [QtGui]	_ZN11QHeaderView18initializeSectionsEii [QtGui]
_ZN11QHeaderView18initializeSectionsEv [QtGui]	_ZN11QHeaderView19sectionCountChangedEii [QtGui]
_ZN11QHeaderView19setDefaultAlignmentE6QFlagsIN2Qt13AlignmentFlagEE [QtGui]	_ZN11QHeaderView20sectionDoubleClickedEi [QtGui]
_ZN11QHeaderView20setHighlightSectionsEb [QtGui]	_ZN11QHeaderView21mouseDoubleClickEventEP11QMouseEvent [QtGui]
_ZN11QHeaderView21setDefaultSectionSizeEi [QtGui]	_ZN11QHeaderView21setMinimumSectionSizeEi [QtXml]

_ZN11QHeaderView21setSortIndicatorShownEb [QtGui]	_ZN11QHeaderView21setStretchLastSectionEb [QtGui]
_ZN11QHeaderView24sectionsAboutToBeRemovedERK11QModelIndexii [QtGui]	_ZN11QHeaderView26sectionHandleDoubleClickedEi [QtGui]
_ZN11QHeaderView26setCascadingSectionResizesEb [QtXml]	_ZN11QHeaderView26setOffsetToSectionPositionEi [QtXml]
_ZN11QHeaderView5eventEP6QEvent [QtGui]	_ZN11QHeaderView8scrollToERK11QModelIndexN17QAbstractItemView10ScrollHintE [QtGui]
_ZN11QHeaderView8setModelEP18QAbstractItemModel [QtGui]	_ZN11QHeaderView9setOffsetEi [QtGui]
_ZN11QHeaderViewC1EN2Qt11OrientationEP7QWidget [QtGui]	_ZN11QHeaderViewC2EN2Qt11OrientationEP7QWidget [QtGui]
_ZN11QHeaderViewD0Ev [QtGui]	_ZN11QHeaderViewD1Ev [QtGui]
_ZN11QHeaderViewD2Ev [QtGui]	_ZN11QProxyModel10insertRowsEiiRK11QModelIndex [QtGui]
_ZN11QProxyModel11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN11QProxyModel11qt_metacastEPKc [QtGui]
_ZN11QProxyModel12dropMimeDataEPK9QMimeDataN2Qt10DropActionEiiRK11QModelIndex [QtGui]	_ZN11QProxyModel13insertColumnsEiiRK11QModelIndex [QtGui]
_ZN11QProxyModel13setHeaderDataEiN2Qt11OrientationERK8QVarianti [QtGui]	_ZN11QProxyModel4sortEiN2Qt9SortOrderE [QtGui]
_ZN11QProxyModel6revertEv [QtGui]	_ZN11QProxyModel6submitEv [QtGui]
_ZN11QProxyModel7setDataERK11QModelIndexRK8QVarianti [QtGui]	_ZN11QProxyModel8setModelEP18QAbstractItemModel [QtGui]
_ZN11QProxyModel9fetchMoreERK11QModelIndex [QtGui]	_ZN11QProxyModelC1EP7QObject [QtGui]
_ZN11QProxyModelC2EP7QObject [QtGui]	_ZN11QProxyModelD0Ev [QtGui]
_ZN11QProxyModelD1Ev [QtGui]	_ZN11QProxyModelD2Ev [QtGui]
_ZN11QTreeWidget10expandItemEPK15QTreeWidgetItem [QtGui]	_ZN11QTreeWidget11itemChangedEP15QTreeWidgetItemi [QtGui]
_ZN11QTreeWidget11itemClickedEP15QTreeWidgetItemi [QtGui]	_ZN11QTreeWidget11itemEnteredEP15QTreeWidgetItemi [QtGui]
_ZN11QTreeWidget11itemPressedEP15QTreeWidgetItemi [QtGui]	_ZN11QTreeWidget11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN11QTreeWidget11qt_metacastEPKc [QtGui]	_ZN11QTreeWidget12collapseItemEPK15QTreeWidgetItem [QtGui]
_ZN11QTreeWidget12dropMimeDataEP15QTreeWidgetItemiPK9QMimeDataN2Qt10DropActionE [QtGui]	_ZN11QTreeWidget12itemExpandedEP15QTreeWidgetItem [QtGui]
_ZN11QTreeWidget12scrollToItemE	_ZN11QTreeWidget13itemActivated

PK15QTreeWidgetItemN17QAbstractItemView10ScrollHintE [QtGui]	EP15QTreeWidgetItemi [QtGui]
_ZN11QTreeWidget13itemCollapsedEP15QTreeWidgetItem [QtGui]	_ZN11QTreeWidget13setHeaderItemEP15QTreeWidgetItem [QtGui]
_ZN11QTreeWidget13setItemHiddenEPK15QTreeWidgetItemb [QtGui]	_ZN11QTreeWidget13setItemWidgetEP15QTreeWidgetItemiP7QWidget [QtGui]
_ZN11QTreeWidget14setColumnCountEi [QtGui]	_ZN11QTreeWidget14setCurrentItemEP15QTreeWidgetItem [QtGui]
_ZN11QTreeWidget14setCurrentItemEP15QTreeWidgetItemi [QtGui]	_ZN11QTreeWidget15addTopLevelItemEP15QTreeWidgetItem [QtGui]
_ZN11QTreeWidget15setHeaderLabelsERK11QStringList [QtGui]	_ZN11QTreeWidget15setItemExpandedEPK15QTreeWidgetItemb [QtGui]
_ZN11QTreeWidget15setItemSelectedEPK15QTreeWidgetItemb [QtGui]	_ZN11QTreeWidget16addTopLevelItemsERK5QListIP15QTreeWidgetItemE [QtGui]
_ZN11QTreeWidget16takeTopLevelItemEi [QtGui]	_ZN11QTreeWidget17itemDoubleClickedEP15QTreeWidgetItemi [QtGui]
_ZN11QTreeWidget17setSortingEnabledEb [QtGui]	_ZN11QTreeWidget18currentItemChangedEP15QTreeWidgetItemS1_ [QtGui]
_ZN11QTreeWidget18insertTopLevelItemEiP15QTreeWidgetItem [QtGui]	_ZN11QTreeWidget19indexOfTopLevelItemEP15QTreeWidgetItem [QtGui]
_ZN11QTreeWidget19insertTopLevelItemsEiRK5QListIP15QTreeWidgetItemE [QtGui]	_ZN11QTreeWidget20itemSelectionChangedEv [QtGui]
_ZN11QTreeWidget20openPersistentEditorEP15QTreeWidgetItemi [QtGui]	_ZN11QTreeWidget21closePersistentEditorEP15QTreeWidgetItemi [QtGui]
_ZN11QTreeWidget5clearEv [QtGui]	_ZN11QTreeWidget5eventEP6QEvent [QtGui]
_ZN11QTreeWidget8editItemEP15QTreeWidgetItemi [QtGui]	_ZN11QTreeWidget8setModelEP18QAbstractItemModel [QtGui]
_ZN11QTreeWidget9dropEventEP10QDropEvent [QtXml]	_ZN11QTreeWidget9sortItemsEiN2Qt9SortOrderE [QtGui]
_ZN11QTreeWidgetC1EP7QWidget [QtGui]	_ZN11QTreeWidgetC2EP7QWidget [QtGui]
_ZN11QTreeWidgetD0Ev [QtGui]	_ZN11QTreeWidgetD1Ev [QtGui]
_ZN11QTreeWidgetD2Ev [QtGui]	_ZN12QTableWidget11cellChangedEii [QtGui]
_ZN12QTableWidget11cellClickedEii [QtGui]	_ZN12QTableWidget11cellEnteredEii [QtGui]
_ZN12QTableWidget11cellPressedEi	_ZN12QTableWidget11itemChange

i [QtGui]	dEP16QTableWidgetItem [QtGui]
_ZN12QTableWidget11itemClickedEP16QTableWidgetItem [QtGui]	_ZN12QTableWidget11itemEnteredEP16QTableWidgetItem [QtGui]
_ZN12QTableWidget11itemPressedEP16QTableWidgetItem [QtGui]	_ZN12QTableWidget11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN12QTableWidget11qt_metacastEPKc [QtGui]	_ZN12QTableWidget11setRowCountEi [QtGui]
_ZN12QTableWidget12dropMimeDataEiiPK9QMimeDataN2Qt10DropActionE [QtGui]	_ZN12QTableWidget12insertColumnEi [QtGui]
_ZN12QTableWidget12removeColumnEi [QtGui]	_ZN12QTableWidget12scrollToItemEPK16QTableWidgetItemN17QAbstractItemView10ScrollHintE [QtGui]
_ZN12QTableWidget13cellActivatedEii [QtGui]	_ZN12QTableWidget13clearContentsEv [QtXml]
_ZN12QTableWidget13itemActivatedEP16QTableWidgetItem [QtGui]	_ZN12QTableWidget13selectedItemsEv [QtGui]
_ZN12QTableWidget13setCellWidgetEiiP7QWidget [QtGui]	_ZN12QTableWidget14setColumnCountEi [QtGui]
_ZN12QTableWidget14setCurrentCellEii [QtGui]	_ZN12QTableWidget14setCurrentItemEP16QTableWidgetItem [QtGui]
_ZN12QTableWidget15setItemSelectedEPK16QTableWidgetItemb [QtGui]	_ZN12QTableWidget16setItemPrototypeEPK16QTableWidgetItem [QtGui]
_ZN12QTableWidget16setRangeSelectedERK26QTableWidgetSelectionRangeb [QtGui]	_ZN12QTableWidget17cellDoubleClickedEii [QtGui]
_ZN12QTableWidget17itemDoubleClickedEP16QTableWidgetItem [QtGui]	_ZN12QTableWidget17setSortingEnabledEb [QtGui]
_ZN12QTableWidget18currentCellChangedEiiii [QtGui]	_ZN12QTableWidget18currentItemChangedEP16QTableWidgetItemS1_ [QtGui]
_ZN12QTableWidget20itemSelectionChangedEv [QtGui]	_ZN12QTableWidget20openPersistentEditorEP16QTableWidgetItem [QtGui]
_ZN12QTableWidget21closePersistentEditorEP16QTableWidgetItem [QtGui]	_ZN12QTableWidget21setVerticalHeaderItemEiP16QTableWidgetItem [QtGui]
_ZN12QTableWidget22takeVerticalHeaderItemEi [QtGui]	_ZN12QTableWidget23setHorizontalHeaderItemEiP16QTableWidgetItem [QtGui]
_ZN12QTableWidget23setVerticalHeaderLabelsERK11QStringList [QtGui]	_ZN12QTableWidget24takeHorizontalHeaderItemEi [QtGui]
_ZN12QTableWidget25setHorizontalHeaderLabelsERK11QStringList	_ZN12QTableWidget5clearEv [QtGui]

[QtGui]	
_ZN12QTableWidget5eventEP6QEvent [QtGui]	_ZN12QTableWidget7setItemEiiP16QTableWidgetItem [QtGui]
_ZN12QTableWidget8editItemEP16QTableWidgetItem [QtGui]	_ZN12QTableWidget8setModelEP18QAbstractItemModel [QtGui]
_ZN12QTableWidget8takeItemEii [QtGui]	_ZN12QTableWidget9dropEventEP10QDropEvent [QtXml]
_ZN12QTableWidget9insertRowEi [QtGui]	_ZN12QTableWidget9removeRowEi [QtGui]
_ZN12QTableWidget9sortItemsEiN2Qt9SortOrderE [QtGui]	_ZN12QTableWidgetC1EP7QWidget [QtGui]
_ZN12QTableWidgetC1EiiP7QWidget [QtGui]	_ZN12QTableWidgetC2EP7QWidget [QtGui]
_ZN12QTableWidgetC2EiiP7QWidget [QtGui]	_ZN12QTableWidgetD0Ev [QtGui]
_ZN12QTableWidgetD1Ev [QtGui]	_ZN12QTableWidgetD2Ev [QtGui]
_ZN13QItemDelegate11editorEventEP6QEventP18QAbstractItemModelRK20QStyleOptionViewItemRK11QModelIndex [QtGui]	_ZN13QItemDelegate11eventFilterEP7QObjectP6QEvent [QtGui]
_ZN13QItemDelegate11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN13QItemDelegate11qt_metacastEPKc [QtGui]
_ZN13QItemDelegate11setClippingEb [QtXml]	_ZN13QItemDelegate20setItemEditorFactoryEP18QItemEditorFactory [QtGui]
_ZN13QItemDelegateC1EP7QObject [QtGui]	_ZN13QItemDelegateC2EP7QObject [QtGui]
_ZN13QItemDelegateD0Ev [QtGui]	_ZN13QItemDelegateD1Ev [QtGui]
_ZN13QItemDelegateD2Ev [QtGui]	_ZN13QStandardItem10insertRowsEii [QtXml]
_ZN13QStandardItem10removeRowsEii [QtXml]	_ZN13QStandardItem10setEnabledEb [QtXml]
_ZN13QStandardItem10takeColumnEi [QtXml]	_ZN13QStandardItem11setEditableEb [QtXml]
_ZN13QStandardItem11setRowCountEi [QtXml]	_ZN13QStandardItem11setTristateEb [QtXml]
_ZN13QStandardItem12insertColumnEiRK5QListIPS_E [QtXml]	_ZN13QStandardItem12removeColumnEi [QtXml]
_ZN13QStandardItem12setCheckableEb [QtXml]	_ZN13QStandardItem12sortChildrenEiN2Qt9SortOrderE [QtXml]
_ZN13QStandardItem13insertColumnsEii [QtXml]	_ZN13QStandardItem13removeColumnsEii [QtXml]
_ZN13QStandardItem13setSelectableEb [QtXml]	_ZN13QStandardItem14setColumnCountEi [QtXml]
_ZN13QStandardItem14setDragEnabledEb [QtXml]	_ZN13QStandardItem14setDropEnabledEb [QtXml]

_ZN13QStandardItem4readER11QDataStream [QtXml]	_ZN13QStandardItem7setDataERK8QVarianti [QtXml]
_ZN13QStandardItem7takeRowEi [QtXml]	_ZN13QStandardItem8setChildEiiPS_ [QtXml]
_ZN13QStandardItem8setFlagsE6QFlagsIN2Qt8ItemFlagEE [QtXml]	_ZN13QStandardItem9insertRowEiRK5QListIPS_E [QtXml]
_ZN13QStandardItem9removeRowEi [QtXml]	_ZN13QStandardItem9takeChildEii [QtXml]
_ZN13QStandardItemC1ERK5QIconRK7QString [QtXml]	_ZN13QStandardItemC1ERK7QString [QtXml]
ZN13QStandardItemC1ERKS [QtXml]	_ZN13QStandardItemC1Eii [QtXml]
_ZN13QStandardItemC1Ev [QtXml]	_ZN13QStandardItemC2ERK5QIconRK7QString [QtXml]
_ZN13QStandardItemC2ERK7QString [QtXml]	_ZN13QStandardItemC2ERKS_ [QtXml]
_ZN13QStandardItemC2Eii [QtXml]	_ZN13QStandardItemC2Ev [QtXml]
_ZN13QStandardItemD0Ev [QtXml]	_ZN13QStandardItemD1Ev [QtXml]
_ZN13QStandardItemD2Ev [QtXml]	_ZN13QStandardItemaSERKS_ [QtXml]
_ZN14QItemSelection5mergeERKS_6QFlagsIN19QItemSelectionModel13SelectionFlagEE [QtGui]	_ZN14QItemSelection5splitERK19QItemSelectionRangeS2_PS_ [QtGui]
ZN14QItemSelection6selectERK11QModelIndexS2 [QtGui]	_ZN14QItemSelectionC1ERK11QModelIndexS2_ [QtGui]
ZN14QItemSelectionC2ERK11QModelIndexS2 [QtGui]	_ZN15QAbstractButton10setCheckedEb [QtGui]
_ZN15QAbstractButton10timerEventEP11QTimerEvent [QtGui]	_ZN15QAbstractButton11changeEventEP6QEvent [QtGui]
_ZN15QAbstractButton11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN15QAbstractButton11qt_metacastEPKc [QtGui]
_ZN15QAbstractButton11setIconSizeERK5QSize [QtGui]	_ZN15QAbstractButton11setShortcutERK12QKeySequence [QtGui]
_ZN15QAbstractButton12animateClickEi [QtGui]	_ZN15QAbstractButton12focusInEventEP11QFocusEvent [QtGui]
_ZN15QAbstractButton12setCheckableEb [QtGui]	_ZN15QAbstractButton13checkStateSetEv [QtGui]
_ZN15QAbstractButton13focusOutEventEP11QFocusEvent [QtGui]	_ZN15QAbstractButton13keyPressEventEP9QKeyEvent [QtGui]
_ZN15QAbstractButton13setAutoRepeatEb [QtGui]	_ZN15QAbstractButton14mouseMoveEventEP11QMouseEvent [QtGui]
_ZN15QAbstractButton14nextCheckStateEv [QtGui]	_ZN15QAbstractButton15keyReleaseEventEP9QKeyEvent [QtGui]
_ZN15QAbstractButton15mousePressEventEP11QMouseEvent [QtGui]	_ZN15QAbstractButton16setAutoExclusiveEb [QtGui]

_ZN15QAbstractButton17mouseReleaseEventEP11QMouseEvent [QtGui]	_ZN15QAbstractButton18setAutoRepeatDelayEi [QtXml]
_ZN15QAbstractButton21setAutoRepeatIntervalEi [QtXml]	_ZN15QAbstractButton5clickEv [QtGui]
_ZN15QAbstractButton5eventEP6QEvent [QtGui]	_ZN15QAbstractButton6toggleEv [QtGui]
_ZN15QAbstractButton7clickedEb [QtGui]	_ZN15QAbstractButton7pressedEv [QtGui]
_ZN15QAbstractButton7setDownEb [QtGui]	_ZN15QAbstractButton7setIconERK5QIcon [QtGui]
_ZN15QAbstractButton7setTextERK7QString [QtGui]	_ZN15QAbstractButton7toggledEb [QtGui]
_ZN15QAbstractButton8releasedEv [QtGui]	_ZN15QAbstractButtonC1EP7QWidget [QtGui]
_ZN15QAbstractButtonC1EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN15QAbstractButtonC2EP7QWidget [QtGui]
_ZN15QAbstractButtonC2EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN15QAbstractButtonD0Ev [QtGui]
_ZN15QAbstractButtonD1Ev [QtGui]	_ZN15QAbstractButtonD2Ev [QtGui]
_ZN15QAbstractSlider10setMaximumEi [QtGui]	_ZN15QAbstractSlider10setMinimumEi [QtGui]
_ZN15QAbstractSlider10timerEventEP11QTimerEvent [QtGui]	_ZN15QAbstractSlider10wheelEventEP11QWheelEvent [QtGui]
_ZN15QAbstractSlider11changeEventEP6QEvent [QtGui]	_ZN15QAbstractSlider11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN15QAbstractSlider11qt_metacastEPKc [QtGui]	_ZN15QAbstractSlider11setPageStepEi [QtGui]
_ZN15QAbstractSlider11setTrackingEb [QtGui]	_ZN15QAbstractSlider11sliderMovedEi [QtGui]
_ZN15QAbstractSlider12rangeChangedEii [QtGui]	_ZN15QAbstractSlider12sliderChangeENS_12SliderChangeE [QtGui]
_ZN15QAbstractSlider12valueChangedEi [QtGui]	_ZN15QAbstractSlider13keyPressEventEP9QKeyEvent [QtGui]
_ZN15QAbstractSlider13setSingleStepEi [QtGui]	_ZN15QAbstractSlider13setSliderDownEb [QtGui]
_ZN15QAbstractSlider13sliderPressedEv [QtGui]	_ZN15QAbstractSlider13triggerActionENS_12SliderActionE [QtGui]
_ZN15QAbstractSlider14setOrientationEN2Qt11OrientationE [QtGui]	_ZN15QAbstractSlider14sliderReleasedEv [QtGui]
_ZN15QAbstractSlider15actionTriggeredEi [QtGui]	_ZN15QAbstractSlider15setRepeatActionENS_12SliderActionEii [QtGui]
_ZN15QAbstractSlider17setSliderPo	_ZN15QAbstractSlider19setInverted

sitionEi [QtGui]	ControlsEb [QtGui]
_ZN15QAbstractSlider21setInverted AppearanceEb [QtGui]	_ZN15QAbstractSlider5eventEP6QE vent [QtGui]
_ZN15QAbstractSlider8setRangeEii [QtGui]	_ZN15QAbstractSlider8setValueEi [QtGui]
_ZN15QAbstractSliderC1EP7QWidg et [QtGui]	_ZN15QAbstractSliderC2EP7QWidg et [QtGui]
_ZN15QAbstractSliderD0Ev [QtGui]	_ZN15QAbstractSliderD1Ev [QtGui]
_ZN15QAbstractSliderD2Ev [QtGui]	_ZN15QTreeWidgetItem11addChild renERK5QListIPS_E [QtGui]
ZN15QTreeWidgetItem11insertChil dEiPS [QtGui]	_ZN15QTreeWidgetItem11itemChan gedEv [QtXml]
_ZN15QTreeWidgetItem12takeChild renEv [QtGui]	_ZN15QTreeWidgetItem14insertChil drenEiRK5QListIPS_E [QtGui]
_ZN15QTreeWidgetItem4readER11 QDataStream [QtGui]	_ZN15QTreeWidgetItem7setDataEii RK8QVariant [QtGui]
ZN15QTreeWidgetItem8addChildE PS [QtGui]	_ZN15QTreeWidgetItem9takeChild Ei [QtGui]
_ZN15QTreeWidgetItemC1EP11QTr eeWidgetPS_i [QtGui]	_ZN15QTreeWidgetItemC1EP11QTr eeWidgetRK11QStringListi [QtGui]
_ZN15QTreeWidgetItemC1EP11QTr eeWidgeti [QtGui]	_ZN15QTreeWidgetItemC1EPS_RK1 1QStringListi [QtGui]
_ZN15QTreeWidgetItemC1EPS_S0_i [QtGui]	_ZN15QTreeWidgetItemC1EPS_i [QtGui]
_ZN15QTreeWidgetItemC1ERK11Q StringListi [QtGui]	_ZN15QTreeWidgetItemC1ERKS_ [QtGui]
_ZN15QTreeWidgetItemC1Ei [QtGui]	_ZN15QTreeWidgetItemC2EP11QTr eeWidgetPS_i [QtGui]
_ZN15QTreeWidgetItemC2EP11QTr eeWidgetRK11QStringListi [QtGui]	_ZN15QTreeWidgetItemC2EP11QTr eeWidgeti [QtGui]
_ZN15QTreeWidgetItemC2EPS_RK1 1QStringListi [QtGui]	_ZN15QTreeWidgetItemC2EPS_S0_i [QtGui]
_ZN15QTreeWidgetItemC2EPS_i [QtGui]	_ZN15QTreeWidgetItemC2ERK11Q StringListi [QtGui]
ZN15QTreeWidgetItemC2ERKS [QtGui]	_ZN15QTreeWidgetItemC2Ei [QtGui]
_ZN15QTreeWidgetItemD0Ev [QtGui]	_ZN15QTreeWidgetItemD1Ev [QtGui]
_ZN15QTreeWidgetItemD2Ev [QtGui]	_ZN15QTreeWidgetItemaSERKS_ [QtGui]
_ZN16QAbstractSpinBox10closeEve ntEP11QCloseEvent [QtGui]	_ZN16QAbstractSpinBox10paintEve ntEP11QPaintEvent [QtGui]
_ZN16QAbstractSpinBox10timerEve ntEP11QTimerEvent [QtGui]	_ZN16QAbstractSpinBox10wheelEv entEP11QWheelEvent [QtGui]
_ZN16QAbstractSpinBox11changeE	_ZN16QAbstractSpinBox11qt_metac

ventEP6QEvent [QtGui]	allEN11QMetaObject4CallEiPPv [QtGui]
_ZN16QAbstractSpinBox11qt_metacastEPKc [QtGui]	_ZN16QAbstractSpinBox11resizeEventEP12QResizeEvent [QtGui]
_ZN16QAbstractSpinBox11setLineEditEP9QLineEdit [QtGui]	_ZN16QAbstractSpinBox11setReadOnlyEb [QtGui]
_ZN16QAbstractSpinBox11setWrappingEb [QtGui]	_ZN16QAbstractSpinBox12focusInEventEP11QFocusEvent [QtGui]
_ZN16QAbstractSpinBox12setAlignmentE6QFlagsIN2Qt13AlignmentFlagEE [QtGui]	_ZN16QAbstractSpinBox13focusOutEventEP11QFocusEvent [QtGui]
_ZN16QAbstractSpinBox13interpretTextEv [QtGui]	_ZN16QAbstractSpinBox13keyPressEventEP9QKeyEvent [QtGui]
_ZN16QAbstractSpinBox14mouseMoveEventEP11QMouseEvent [QtGui]	_ZN16QAbstractSpinBox14setAcceleratedEb [QtXml]
_ZN16QAbstractSpinBox15editingFinishedEv [QtGui]	_ZN16QAbstractSpinBox15keyReleaseEventEP9QKeyEvent [QtGui]
_ZN16QAbstractSpinBox15mousePressEventEP11QMouseEvent [QtGui]	_ZN16QAbstractSpinBox16contextMenuEventEP17QContextMenuEvent [QtGui]
_ZN16QAbstractSpinBox16setButtonSymbolsENS_13ButtonSymbolsE [QtGui]	_ZN16QAbstractSpinBox17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN16QAbstractSpinBox17setCorrectionModeENS_14CorrectionModeE [QtXml]	_ZN16QAbstractSpinBox19setSpecialValueTextERK7QString [QtGui]
_ZN16QAbstractSpinBox5clearEv [QtGui]	_ZN16QAbstractSpinBox5eventEP6QEvent [QtGui]
_ZN16QAbstractSpinBox6stepByEi [QtGui]	_ZN16QAbstractSpinBox6stepUpEv [QtGui]
_ZN16QAbstractSpinBox8setFrameEb [QtGui]	_ZN16QAbstractSpinBox8stepDownEv [QtGui]
_ZN16QAbstractSpinBox9hideEventEP10QHideEvent [QtGui]	_ZN16QAbstractSpinBox9selectAllEv [QtGui]
_ZN16QAbstractSpinBox9showEventEP10QShowEvent [QtGui]	_ZN16QAbstractSpinBoxC1EP7QWidget [QtGui]
_ZN16QAbstractSpinBoxC2EP7QWidget [QtGui]	_ZN16QAbstractSpinBoxD0Ev [QtGui]
_ZN16QAbstractSpinBoxD1Ev [QtGui]	_ZN16QAbstractSpinBoxD2Ev [QtGui]
_ZN16QStringListModel10insertRowsEiiRK11QModelIndex [QtGui]	_ZN16QStringListModel10removeRowsEiiRK11QModelIndex [QtGui]
_ZN16QStringListModel11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN16QStringListModel11qt_metacastEPKc [QtGui]
_ZN16QStringListModel13setString	_ZN16QStringListModel4sortEiN2Q

ListERK11QStringList [QtGui]	t9SortOrderE [QtGui]
_ZN16QStringListModel7setDataERK11QModelIndexRK8QVarianti [QtGui]	_ZN16QStringListModelC1EP7QObject [QtGui]
_ZN16QStringListModelC1ERK11QStringListP7QObject [QtGui]	_ZN16QStringListModelC2EP7QObject [QtGui]
_ZN16QStringListModelC2ERK11QStringListP7QObject [QtGui]	_ZN16QTableWidgetItem4readER11QDataStream [QtGui]
_ZN16QTableWidgetItem7setDataEiRK8QVariant [QtGui]	_ZN16QTableWidgetItem8setFlagsE6QFlagsIN2Qt8ItemFlagEE [QtXml]
_ZN16QTableWidgetItemC1ERK5QIconRK7QStringi [QtXml]	_ZN16QTableWidgetItemC1ERK7QStringi [QtGui]
ZN16QTableWidgetItemC1ERKS [QtGui]	_ZN16QTableWidgetItemC1Ei [QtGui]
_ZN16QTableWidgetItemC2ERK5QIconRK7QStringi [QtXml]	_ZN16QTableWidgetItemC2ERK7QStringi [QtGui]
ZN16QTableWidgetItemC2ERKS [QtGui]	_ZN16QTableWidgetItemC2Ei [QtGui]
_ZN16QTableWidgetItemD0Ev [QtGui]	_ZN16QTableWidgetItemD1Ev [QtGui]
_ZN16QTableWidgetItemD2Ev [QtGui]	_ZN16QTableWidgetItemaSERKS_ [QtGui]
_ZN17QAbstractItemView10commitDataEP7QWidget [QtGui]	_ZN17QAbstractItemView10timerEventEP11QTimerEvent [QtGui]
_ZN17QAbstractItemView11closeEditorEP7QWidgetN21QAbstractItemDelegate11EndEditHintE [QtGui]	_ZN17QAbstractItemView11dataChangedERK11QModelIndexS2_ [QtGui]
_ZN17QAbstractItemView11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN17QAbstractItemView11qt_metacastEPKc [QtGui]
_ZN17QAbstractItemView11resizeEventEP12QResizeEvent [QtGui]	_ZN17QAbstractItemView11scrollToTopEv [QtGui]
_ZN17QAbstractItemView11setIconSizeERK5QSize [QtGui]	_ZN17QAbstractItemView12doAutoScrollEv [QtGui]
_ZN17QAbstractItemView12focusInEventEP11QFocusEvent [QtGui]	_ZN17QAbstractItemView12rowsInsertedERK11QModelIndexii [QtGui]
_ZN17QAbstractItemView12setRootIndexERK11QModelIndex [QtGui]	_ZN17QAbstractItemView13doItemsLayoutEv [QtGui]
_ZN17QAbstractItemView13doubleClickedERK11QModelIndex [QtGui]	_ZN17QAbstractItemView13dragMoveEventEP14QDragMoveEvent [QtGui]
_ZN17QAbstractItemView13focusOutEventEP11QFocusEvent [QtGui]	_ZN17QAbstractItemView13keyPressEventEP9QKeyEvent [QtGui]
_ZN17QAbstractItemView13setAutoScrollEb [QtGui]	_ZN17QAbstractItemView13viewportEventEP6QEvent [QtGui]
_ZN17QAbstractItemView14clearSel	_ZN17QAbstractItemView14current

ectionEv [QtGui]	ChangedERK11QModelIndexS2_ [QtGui]
_ZN17QAbstractItemView14dragEnterEventEP15QDragEnterEvent [QtGui]	_ZN17QAbstractItemView14dragLeaveEventEP15QDragLeaveEvent [QtGui]
_ZN17QAbstractItemView14keyboardSearchERK7QString [QtGui]	_ZN17QAbstractItemView14mouseMoveEventEP11QMouseEvent [QtGui]
_ZN17QAbstractItemView14scrollToBottomEv [QtGui]	_ZN17QAbstractItemView14setDirtyRegionERK7QRegion [QtGui]
_ZN17QAbstractItemView14setDragEnabledEb [QtGui]	_ZN17QAbstractItemView14setIndexWidgetERK11QModelIndexP7QWidget [QtGui]
_ZN17QAbstractItemView14stopAutoScrollEv [QtGui]	_ZN17QAbstractItemView15editorDestroyedEP7QObject [QtGui]
_ZN17QAbstractItemView15mousePressEventEP11QMouseEvent [QtGui]	_ZN17QAbstractItemView15setCurrentIndexERK11QModelIndex [QtGui]
_ZN17QAbstractItemView15setDragDropModeENS_12DragDropModeE [QtXml]	_ZN17QAbstractItemView15setEditTriggersE6QFlagsINS_11EditTriggerEE [QtGui]
_ZN17QAbstractItemView15setItemDelegateEP21QAbstractItemDelegate [QtGui]	_ZN17QAbstractItemView15startAutoScrollEv [QtGui]
_ZN17QAbstractItemView15viewportEnteredEv [QtGui]	_ZN17QAbstractItemView16inputMethodEventEP17QInputMethodEvent [QtXml]
ZN17QAbstractItemView16selectionChangedERK14QItemSelectionS2 [QtGui]	_ZN17QAbstractItemView16setSelectionModeENS_13SelectionModeE [QtGui]
_ZN17QAbstractItemView16setTextElideModeEN2Qt13TextElideModeE [QtGui]	_ZN17QAbstractItemView16updateEditorDataEv [QtGui]
_ZN17QAbstractItemView16updateGeometriesEv [QtGui]	_ZN17QAbstractItemView17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN17QAbstractItemView17scrollDirtyRegionEii [QtGui]	_ZN17QAbstractItemView17setSelectionModelEP19QItemSelectionModel [QtGui]
_ZN17QAbstractItemView18focusNextPrevChildEb [QtXml]	_ZN17QAbstractItemView19setTabKeyNavigationEb [QtGui]
_ZN17QAbstractItemView20openPersistentEditorERK11QModelIndex [QtGui]	_ZN17QAbstractItemView20rowsAboutToBeRemovedERK11QModelIndexii [QtGui]
_ZN17QAbstractItemView20setSelectionBehaviorENS_17SelectionBehaviorE [QtGui]	_ZN17QAbstractItemView21closePersistentEditorERK11QModelIndex [QtGui]

_ZN17QAbstractItemView21mouseDoubleClickEventEP11QMouseEvent [QtGui]	_ZN17QAbstractItemView21setDropIndicatorShownEb [QtGui]
_ZN17QAbstractItemView21setItemDelegateForRowEiP21QAbstractItemDelegate [QtXml]	_ZN17QAbstractItemView21setVerticalScrollModeENS_10ScrollModeE [QtXml]
_ZN17QAbstractItemView22updateEditorGeometriesEv [QtGui]	_ZN17QAbstractItemView23setAlternatingRowColorsEb [QtGui]
_ZN17QAbstractItemView23setHorizontalScrollModeENS_10ScrollModeE [QtXml]	_ZN17QAbstractItemView23setVerticalStepsPerItemEi [QtGui]
_ZN17QAbstractItemView23verticalScrollbarActionEi [QtGui]	_ZN17QAbstractItemView24setDragDropOverwriteModeEb [QtXml]
_ZN17QAbstractItemView24setItemDelegateForColumnEiP21QAbstractItemDelegate [QtXml]	_ZN17QAbstractItemView25executeDelayedItemsLayoutEv [QtGui]
_ZN17QAbstractItemView25horizontalScrollbarActionEi [QtGui]	_ZN17QAbstractItemView25setHorizontalStepsPerItemEi [QtGui]
_ZN17QAbstractItemView26scheduleDelayedItemsLayoutEv [QtGui]	_ZN17QAbstractItemView29verticalScrollbarValueChangedEi [QtGui]
_ZN17QAbstractItemView31horizontalScrollbarValueChangedEi [QtGui]	_ZN17QAbstractItemView4editERK11QModelIndex [QtGui]
_ZN17QAbstractItemView4editERK11QModelIndexNS_11EditTriggerEP6QEvent [QtGui]	_ZN17QAbstractItemView5eventEP6QEvent [QtGui]
_ZN17QAbstractItemView5resetEv [QtGui]	_ZN17QAbstractItemView7clickedERK11QModelIndex [QtGui]
_ZN17QAbstractItemView7enteredERK11QModelIndex [QtGui]	_ZN17QAbstractItemView7pressedERK11QModelIndex [QtGui]
_ZN17QAbstractItemView8setModelEP18QAbstractItemModel [QtGui]	_ZN17QAbstractItemView8setStateENS_5StateE [QtGui]
_ZN17QAbstractItemView9activatedERK11QModelIndex [QtGui]	_ZN17QAbstractItemView9dropEventEP10QDropEvent [QtGui]
_ZN17QAbstractItemView9selectAllEv [QtGui]	_ZN17QAbstractItemView9startDragE6QFlagsIN2Qt10DropActionEE [QtGui]
_ZN17QAbstractItemViewC1EP7QWidget [QtGui]	_ZN17QAbstractItemViewC2EP7QWidget [QtGui]
_ZN17QAbstractItemViewD0Ev [QtGui]	_ZN17QAbstractItemViewD1Ev [QtGui]
_ZN17QAbstractItemViewD2Ev [QtGui]	_ZN17QDataWidgetMapper10addMappingEP7QWidgeti [QtXml]
_ZN17QDataWidgetMapper10toPreviousEv [QtXml]	_ZN17QDataWidgetMapper11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN17QDataWidgetMapper11qt_me	_ZN17QDataWidgetMapper12clear

tacastEPKc [QtXml]	MappingEv [QtXml]
_ZN17QDataWidgetMapper12setRootIndexERK11QModelIndex [QtXml]	_ZN17QDataWidgetMapper13removeMappingEP7QWidget [QtXml]
_ZN17QDataWidgetMapper14setOrientationEN2Qt11OrientationE [QtXml]	_ZN17QDataWidgetMapper15setCurrentIndexEi [QtXml]
_ZN17QDataWidgetMapper15setItemDelegateEP21QAbstractItemDelegate [QtXml]	_ZN17QDataWidgetMapper15setSubmitPolicyENS_12SubmitPolicyE [QtXml]
_ZN17QDataWidgetMapper19currentIndexChangedEi [QtXml]	_ZN17QDataWidgetMapper20setCurrentModelIndexERK11QModelIndex [QtXml]
_ZN17QDataWidgetMapper6revertEv [QtXml]	_ZN17QDataWidgetMapper6submitEv [QtXml]
_ZN17QDataWidgetMapper6toLastEv [QtXml]	_ZN17QDataWidgetMapper6toNextEv [QtXml]
_ZN17QDataWidgetMapper7toFirstEv [QtXml]	_ZN17QDataWidgetMapper8setModelEP18QAbstractItemModel [QtXml]
_ZN17QDataWidgetMapperC1EP7QObject [QtXml]	_ZN17QDataWidgetMapperC2EP7QObject [QtXml]
_ZN17QDataWidgetMapperD0Ev [QtXml]	_ZN17QDataWidgetMapperD1Ev [QtXml]
_ZN17QDataWidgetMapperD2Ev [QtXml]	_ZN18QItemEditorFactory14defaultFactoryEv [QtGui]
_ZN18QItemEditorFactory14registerEditorEN8QVariant4TypeEP22QItemEditorCreatorBase [QtGui]	_ZN18QItemEditorFactory17setDefaultFactoryEPS_ [QtGui]
_ZN18QItemEditorFactoryD0Ev [QtGui]	_ZN18QItemEditorFactoryD1Ev [QtGui]
_ZN18QItemEditorFactoryD2Ev [QtGui]	_ZN18QStandardItemModel10insertRowsEiiRK11QModelIndex [QtGui]
_ZN18QStandardItemModel10removeRowsEiiRK11QModelIndex [QtGui]	_ZN18QStandardItemModel10takeColumnEi [QtXml]
_ZN18QStandardItemModel11itemChangedEP13QStandardItem [QtXml]	_ZN18QStandardItemModel11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN18QStandardItemModel11qt_metacastEPKc [QtGui]	_ZN18QStandardItemModel11setItemDataERK11QModelIndexRK4QMapIi8QVariantE [QtXml]
_ZN18QStandardItemModel11setRowCountEi [QtXml]	_ZN18QStandardItemModel11setSortRoleEi [QtXml]
_ZN18QStandardItemModel12appendColumnERK5QListIP13QStandardItemE [QtXml]	_ZN18QStandardItemModel12insertColumnEiRK5QListIP13QStandardItemE [QtXml]

_ZN18QStandardItemModel13insertColumnsEiiRK11QModelIndex [QtGui]	_ZN18QStandardItemModel13removeColumnsEiiRK11QModelIndex [QtGui]
_ZN18QStandardItemModel13setHeaderDataEiN2Qt11OrientationERK8QVarianti [QtGui]	_ZN18QStandardItemModel14setColumnCountEi [QtXml]
_ZN18QStandardItemModel16setItemPrototypeEPK13QStandardItem [QtXml]	_ZN18QStandardItemModel21setVerticalHeaderItemEiP13QStandardItem [QtXml]
_ZN18QStandardItemModel22takeVerticalHeaderItemEi [QtXml]	_ZN18QStandardItemModel23setHorizontalHeaderItemEiP13QStandardItem [QtXml]
_ZN18QStandardItemModel23setVerticalHeaderLabelsERK11QStringList [QtXml]	_ZN18QStandardItemModel24takeHorizontalHeaderItemEi [QtXml]
_ZN18QStandardItemModel25setHorizontalHeaderLabelsERK11QStringList [QtXml]	_ZN18QStandardItemModel4sortEiN2Qt9SortOrderE [QtXml]
_ZN18QStandardItemModel5clearEv [QtGui]	_ZN18QStandardItemModel7setDataERK11QModelIndexRK8QVarianti [QtGui]
_ZN18QStandardItemModel7setItemEiiP13QStandardItem [QtXml]	_ZN18QStandardItemModel7takeRowEi [QtXml]
_ZN18QStandardItemModel8takeItemEii [QtXml]	_ZN18QStandardItemModel9appendRowERK5QListIP13QStandardItemE [QtXml]
_ZN18QStandardItemModel9insertRowEiRK5QListIP13QStandardItemE [QtXml]	_ZN18QStandardItemModelC1EP7QObject [QtGui]
_ZN18QStandardItemModelC1EiiP7QObject [QtGui]	_ZN18QStandardItemModelC2EP7QObject [QtGui]
_ZN18QStandardItemModelC2EiiP7QObject [QtGui]	_ZN18QStandardItemModelD0Ev [QtGui]
_ZN18QStandardItemModelD1Ev [QtGui]	_ZN18QStandardItemModelD2Ev [QtGui]
_ZN19QAbstractProxyModel11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN19QAbstractProxyModel11qt_metacastEPKc [QtGui]
_ZN19QAbstractProxyModel14setSourceModelEP18QAbstractItemModel [QtGui]	_ZN19QAbstractProxyModel6revertEv [QtGui]
_ZN19QAbstractProxyModel6submitEv [QtGui]	_ZN19QAbstractProxyModelC1EP7QObject [QtGui]
_ZN19QAbstractProxyModelC2EP7QObject [QtGui]	_ZN19QAbstractProxyModelD0Ev [QtGui]
_ZN19QAbstractProxyModelD1Ev [QtGui]	_ZN19QAbstractProxyModelD2Ev [QtGui]

_ZN19QAbstractScrollArea10paintEventEP11QPaintEvent [QtGui]	_ZN19QAbstractScrollArea10wheelEventEP11QWheelEvent [QtGui]
_ZN19QAbstractScrollArea11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN19QAbstractScrollArea11qt_metacastEPKc [QtGui]
_ZN19QAbstractScrollArea11resizeEventEP12QResizeEvent [QtGui]	_ZN19QAbstractScrollArea11setViewportEP7QWidget [QtXml]
_ZN19QAbstractScrollArea13dragMoveEventEP14QDragMoveEvent [QtGui]	_ZN19QAbstractScrollArea13keyPressEventEP9QKeyEvent [QtGui]
_ZN19QAbstractScrollArea13setupViewportEP7QWidget [QtXml]	_ZN19QAbstractScrollArea13viewportEventEP6QEvent [QtGui]
_ZN19QAbstractScrollArea14dragEnterEventEP15QDragEnterEvent [QtGui]	_ZN19QAbstractScrollArea14dragLeaveEventEP15QDragLeaveEvent [QtGui]
_ZN19QAbstractScrollArea14mouseMoveEventEP11QMouseEvent [QtGui]	_ZN19QAbstractScrollArea15mousePressEventEP11QMouseEvent [QtGui]
_ZN19QAbstractScrollArea15setCornerWidgetEP7QWidget [QtXml]	_ZN19QAbstractScrollArea16contextMenuEventEP17QContextMenuEvent [QtGui]
_ZN19QAbstractScrollArea16scrollBarWidgetsE6QFlagsIN2Qt13AlignmentFlagEE [QtXml]	_ZN19QAbstractScrollArea16scrollContentsByEii [QtGui]
_ZN19QAbstractScrollArea17mouseReleaseEventEP11QMouseEvent [QtGui]	_ZN19QAbstractScrollArea18addScrollBarWidgetEP7QWidget6QFlagsIN2Qt13AlignmentFlagEE [QtXml]
_ZN19QAbstractScrollArea18setViewportMarginsEiiii [QtGui]	_ZN19QAbstractScrollArea20setVerticalScrollBarEP10QScrollBar [QtXml]
_ZN19QAbstractScrollArea21mouseDoubleClickEventEP11QMouseEvent [QtGui]	_ZN19QAbstractScrollArea22setHorizontalScrollBarEP10QScrollBar [QtXml]
_ZN19QAbstractScrollArea26setVerticalScrollBarPolicyEN2Qt15ScrollBarPolicyE [QtGui]	_ZN19QAbstractScrollArea28setHorizontalScrollBarPolicyEN2Qt15ScrollBarPolicyE [QtGui]
_ZN19QAbstractScrollArea5eventEP6QEvent [QtGui]	_ZN19QAbstractScrollArea9dropEventEP10QDropEvent [QtGui]
_ZN19QAbstractScrollAreaC1EP7QWidget [QtGui]	_ZN19QAbstractScrollAreaC2EP7QWidget [QtGui]
_ZN19QAbstractScrollAreaD0Ev [QtGui]	_ZN19QAbstractScrollAreaD1Ev [QtGui]
_ZN19QAbstractScrollAreaD2Ev [QtGui]	_ZN19QItemSelectionModel11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN19QItemSelectionModel11qt_metacastEPKc [QtGui]	_ZN19QItemSelectionModel14clearSelectionEv [QtXml]
_ZN19QItemSelectionModel14curre	_ZN19QItemSelectionModel15setCu

ntChangedERK11QModelIndexS2_ [QtGui]	rrentIndexERK11QModelIndex6QFlagsINS_13SelectionFlagEE [QtGui]
ZN19QItemSelectionModel16selectionChangedERK14QItemSelectionS2 [QtGui]	_ZN19QItemSelectionModel17currentRowChangedERK11QModelIndexS2_ [QtGui]
ZN19QItemSelectionModel20currentColumnChangedERK11QModelIndexS2 [QtGui]	_ZN19QItemSelectionModel20emitSelectionChangedERK14QItemSelectionS2_ [QtGui]
_ZN19QItemSelectionModel5clearEv [QtGui]	_ZN19QItemSelectionModel5resetEv [QtGui]
_ZN19QItemSelectionModel6selectERK11QModelIndex6QFlagsINS_13SelectionFlagEE [QtGui]	_ZN19QItemSelectionModel6selectERK14QItemSelection6QFlagsINS_13SelectionFlagEE [QtGui]
_ZN19QItemSelectionModelC1EP18QAbstractItemModel [QtGui]	_ZN19QItemSelectionModelC1EP18QAbstractItemModelP7QObject [QtGui]
_ZN19QItemSelectionModelC2EP18QAbstractItemModel [QtGui]	_ZN19QItemSelectionModelC2EP18QAbstractItemModelP7QObject [QtGui]
_ZN19QItemSelectionModelD0Ev [QtGui]	_ZN19QItemSelectionModelD1Ev [QtGui]
_ZN19QItemSelectionModelD2Ev [QtGui]	_ZN20QAbstractPrintDialog11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN20QAbstractPrintDialog11qt_metacastEPKc [QtXml]	_ZN20QAbstractPrintDialog13setPrintRangeENS_10PrintRangeE [QtGui]
_ZN20QAbstractPrintDialog16addEnabledOptionENS_17PrintDialogOptionE [QtGui]	_ZN20QAbstractPrintDialog17setEnabledOptionsE6QFlagsINS_17PrintDialogOptionEE [QtGui]
_ZN20QAbstractPrintDialog9setFromToEii [QtGui]	_ZN20QAbstractPrintDialog9setMinMaxEii [QtGui]
_ZN20QAbstractPrintDialogC1EP8QPrinterP7QWidget [QtGui]	_ZN20QAbstractPrintDialogC2EP8QPrinterP7QWidget [QtGui]
_ZN21QAbstractItemDelegate10commitDataEP7QWidget [QtGui]	_ZN21QAbstractItemDelegate10elidedTextERK12QFontMetricsiN2Qt13TextElideModeERK7QString [QtGui]
_ZN21QAbstractItemDelegate11closeEditorEP7QWidgetNS_11EndEditHintE [QtGui]	_ZN21QAbstractItemDelegate11editorEventEP6QEventP18QAbstractItemModelRK20QStyleOptionViewItemRK11QModelIndex [QtGui]
_ZN21QAbstractItemDelegate11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN21QAbstractItemDelegate11qt_metacastEPKc [QtGui]
_ZN21QAbstractItemDelegateC1EP7QObject [QtGui]	_ZN21QAbstractItemDelegateC2EP7QObject [QtGui]
_ZN21QAbstractItemDelegateD0Ev [QtGui]	_ZN21QAbstractItemDelegateD1Ev [QtGui]

_ZN21QAbstractItemDelegateD2Ev [QtGui]	_ZN21QSortFilterProxyModel10insertRowsEiiRK11QModelIndex [QtGui]
_ZN21QSortFilterProxyModel10removeRowsEiiRK11QModelIndex [QtGui]	_ZN21QSortFilterProxyModel11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN21QSortFilterProxyModel11qt_metacastEPKc [QtGui]	_ZN21QSortFilterProxyModel11setSortRoleEi [QtXml]
_ZN21QSortFilterProxyModel12dropMimeDataEPK9QMimeDataN2Qt10DropActionEiiRK11QModelIndex [QtGui]	_ZN21QSortFilterProxyModel13filterChangedEv [QtXml]
_ZN21QSortFilterProxyModel13insertColumnsEiiRK11QModelIndex [QtGui]	_ZN21QSortFilterProxyModel13removeColumnsEiiRK11QModelIndex [QtGui]
_ZN21QSortFilterProxyModel13setFilterRoleEi [QtXml]	_ZN21QSortFilterProxyModel13setHeaderDataEiN2Qt11OrientationERK8QVarianti [QtGui]
_ZN21QSortFilterProxyModel14setSourceModelEP18QAbstractItemModel [QtGui]	_ZN21QSortFilterProxyModel15setFilterRegExpERK7QRegExp [QtGui]
_ZN21QSortFilterProxyModel15setFilterRegExpERK7QString [QtGui]	_ZN21QSortFilterProxyModel17setFilterWildcardERK7QString [QtGui]
_ZN21QSortFilterProxyModel18setFilterKeyColumnEi [QtGui]	_ZN21QSortFilterProxyModel20setDynamicSortFilterEb [QtXml]
_ZN21QSortFilterProxyModel20setFilterFixedStringERK7QString [QtGui]	_ZN21QSortFilterProxyModel22setSortCaseSensitivityEN2Qt15CaseSensitivityE [QtXml]
_ZN21QSortFilterProxyModel24setFilterCaseSensitivityEN2Qt15CaseSensitivityE [QtGui]	_ZN21QSortFilterProxyModel4sortEiN2Qt9SortOrderE [QtGui]
_ZN21QSortFilterProxyModel5clearEv [QtGui]	_ZN21QSortFilterProxyModel7setDataERK11QModelIndexRK8QVarianti [QtGui]
_ZN21QSortFilterProxyModel9fetchMoreERK11QModelIndex [QtGui]	_ZN21QSortFilterProxyModelC1EP7QObject [QtGui]
_ZN21QSortFilterProxyModelC2EP7QObject [QtGui]	_ZN21QSortFilterProxyModelD0Ev [QtGui]
_ZN21QSortFilterProxyModelD1Ev [QtGui]	_ZN21QSortFilterProxyModelD2Ev [QtGui]
_ZN23QTreeWidgetItemIteratorC1EP11QTreeWidget6QFlagsINS_12IteratorFlagEE [QtGui]	_ZN23QTreeWidgetItemIteratorC1EP15QTreeWidgetItem6QFlagsINS_12IteratorFlagEE [QtGui]
ZN23QTreeWidgetItemIteratorC1ERKS [QtGui]	_ZN23QTreeWidgetItemIteratorC2EP11QTreeWidget6QFlagsINS_12IteratorFlagEE [QtGui]
_ZN23QTreeWidgetItemIteratorC2E	_ZN23QTreeWidgetItemIteratorC2E

P15QTreeWidgetItem6QFlagsINS_12IteratorFlagEE [QtGui]	RKS_ [QtGui]
_ZN23QTreeWidgetItemIteratorD1Ev [QtGui]	_ZN23QTreeWidgetItemIteratorD2Ev [QtGui]
ZN23QTreeWidgetItemIteratoraSERKS [QtGui]	_ZN23QTreeWidgetItemIteratormmEv [QtGui]
_ZN23QTreeWidgetItemIteratorppEv [QtGui]	_ZN24QAbstractPageSetupDialog11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN24QAbstractPageSetupDialog11qt_metacastEPKc [QtXml]	_ZN24QAbstractPageSetupDialog7printerEv [QtGui]
_ZN24QAbstractPageSetupDialogC1EP8QPrinterP7QWidget [QtGui]	_ZN24QAbstractPageSetupDialogC2EP8QPrinterP7QWidget [QtGui]
_ZN26QAbstractGraphicsShapeItem6setPenERK4QPen [QtXml]	_ZN26QAbstractGraphicsShapeItem8setBrushERK6QBrush [QtXml]
_ZN26QAbstractGraphicsShapeItemC1EP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN26QAbstractGraphicsShapeItemC2EP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN26QAbstractGraphicsShapeItemD0Ev [QtXml]	_ZN26QAbstractGraphicsShapeItemD1Ev [QtXml]
_ZN26QAbstractGraphicsShapeItemD2Ev [QtXml]	_ZN26QTableWidgetSelectionRangeC1ERKS_ [QtGui]
_ZN26QTableWidgetSelectionRangeC1Eiiii [QtGui]	_ZN26QTableWidgetSelectionRangeC1Ev [QtGui]
ZN26QTableWidgetSelectionRangeC2ERKS [QtGui]	_ZN26QTableWidgetSelectionRangeC2Eiiii [QtGui]
_ZN26QTableWidgetSelectionRangeC2Ev [QtGui]	_ZN26QTableWidgetSelectionRangeD1Ev [QtGui]
_ZN26QTableWidgetSelectionRangeD2Ev [QtGui]	_ZN27QAbstractTextDocumentLayout11formatIndexEi [QtGui]
_ZN27QAbstractTextDocumentLayout11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN27QAbstractTextDocumentLayout11qt_metacastEPKc [QtGui]
_ZN27QAbstractTextDocumentLayout14setPaintDeviceEP12QPaintDevice [QtGui]	_ZN27QAbstractTextDocumentLayout15registerHandlerEiP7QObject [QtGui]
_ZN27QAbstractTextDocumentLayout16drawInlineObjectEP8QPainterRK6QRectF17QTextInlineObjectiRK11QTextFormat [QtGui]	_ZN27QAbstractTextDocumentLayout16pageCountChangedEi [QtGui]
_ZN27QAbstractTextDocumentLayout18resizeInlineObjectE17QTextInlineObjectiRK11QTextFormat [QtGui]	_ZN27QAbstractTextDocumentLayout19documentSizeChangedERK6QSizeF [QtGui]
_ZN27QAbstractTextDocumentLayout20positionInlineObjectE17QTextInlineObjectiRK11QTextFormat [QtGui]	_ZN27QAbstractTextDocumentLayout6formatEi [QtGui]

_ZN27QAbstractTextDocumentLayout6updateERK6QRectF [QtGui]	_ZN27QAbstractTextDocumentLayoutC1EP13QTextDocument [QtGui]
_ZN27QAbstractTextDocumentLayoutC2EP13QTextDocument [QtGui]	_ZN27QAbstractTextDocumentLayoutD0Ev [QtGui]
_ZN27QAbstractTextDocumentLayoutD1Ev [QtGui]	_ZN27QAbstractTextDocumentLayoutD2Ev [QtGui]
_ZN9QDirModel10setSortingE6QFlagsIN4QDir8SortFlagEE [QtGui]	_ZN9QDirModel11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN9QDirModel11qt_metacastEPKc [QtGui]	_ZN9QDirModel11setReadOnlyEb [QtGui]
_ZN9QDirModel12dropMimeDataEPK9QMimeDataN2Qt10DropActionEiiRK11QModelIndex [QtGui]	_ZN9QDirModel14setNameFiltersERK11QStringList [QtGui]
_ZN9QDirModel15setIconProviderEP17QFileIconProvider [QtGui]	_ZN9QDirModel17setLazyChildCountEb [QtGui]
_ZN9QDirModel18setResolveSymlinksEb [QtGui]	_ZN9QDirModel4sortEiN2Qt9SortOrderE [QtGui]
_ZN9QDirModel5mkdirERK11QModelIndexRK7QString [QtGui]	_ZN9QDirModel5rmdirERK11QModelIndex [QtGui]
_ZN9QDirModel6removeERK11QModelIndex [QtGui]	_ZN9QDirModel7refreshERK11QModelIndex [QtGui]
_ZN9QDirModel7setDataERK11QModelIndexRK8QVarianti [QtGui]	_ZN9QDirModel9setFilterE6QFlagsIN4QDir6FilterEE [QtGui]
_ZN9QDirModelC1EP7QObject [QtGui]	_ZN9QDirModelC1ERK11QStringList6QFlagsIN4QDir6FilterEES3_INS4_8SortFlagEEP7QObject [QtGui]
_ZN9QDirModelC2EP7QObject [QtGui]	_ZN9QDirModelC2ERK11QStringList6QFlagsIN4QDir6FilterEES3_INS4_8SortFlagEEP7QObject [QtGui]
_ZN9QDirModelD0Ev [QtGui]	_ZN9QDirModelD1Ev [QtGui]
_ZN9QDirModelD2Ev [QtGui]	_ZN9QTreeView10hideColumnEi [QtGui]
_ZN9QTreeView10moveCursorEN17QAbstractItemView12CursorActionE6QFlagsIN2Qt16KeyboardModifierEE [QtGui]	_ZN9QTreeView10paintEventEP11QPaintEvent [QtGui]
_ZN9QTreeView10showColumnEi [QtGui]	_ZN9QTreeView10timerEventEP11QTimerEvent [QtGui]
_ZN9QTreeView11collapseAllEv [QtXml]	_ZN9QTreeView11columnMovedEv [QtGui]
ZN9QTreeView11dataChangedERK11QModelIndexS2 [QtGui]	_ZN9QTreeView11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN9QTreeView11qt_metacastEPKc [QtGui]	_ZN9QTreeView11rowsRemovedERK11QModelIndexii [QtGui]
_ZN9QTreeView11setAnimatedEb [QtXml]	_ZN9QTreeView11setExpandedERK11QModelIndexb [QtGui]

_ZN9QTreeView12rowsInsertedERK11QModelIndexii [QtGui]	_ZN9QTreeView12setRootIndexERK11QModelIndex [QtGui]
_ZN9QTreeView12setRowHiddenEiRK11QModelIndexb [QtGui]	_ZN9QTreeView12setSelectionERK5QRect6QFlagsIN19QItemSelectionModel13SelectionFlagEE [QtGui]
_ZN9QTreeView12sortByColumnEi [QtGui]	_ZN9QTreeView12sortByColumnEiN2Qt9SortOrderE [QtXml]
_ZN9QTreeView13columnResizedEiii [QtGui]	_ZN9QTreeView13doItemsLayoutEv [QtGui]
_ZN9QTreeView13keyPressEventEP9QKeyEvent [QtXml]	_ZN9QTreeView14keyboardSearchERK7QString [QtGui]
_ZN9QTreeView14mouseMoveEventEP11QMouseEvent [QtXml]	_ZN9QTreeView14setColumnWidthEii [QtXml]
_ZN9QTreeView14setIndentationEi [QtGui]	_ZN9QTreeView15mousePressEventEP11QMouseEvent [QtGui]
_ZN9QTreeView15setColumnHiddenEib [QtGui]	_ZN9QTreeView16scrollContentsByEii [QtGui]
_ZN9QTreeView16updateGeometriesEv [QtGui]	_ZN9QTreeView17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN9QTreeView17setSelectionModelEP19QItemSelectionModel [QtGui]	_ZN9QTreeView17setSortingEnabledEb [QtXml]
_ZN9QTreeView18columnCountChangedEii [QtGui]	_ZN9QTreeView18setItemsExpandableEb [QtGui]
_ZN9QTreeView18setRootIsDecoratedEb [QtGui]	_ZN9QTreeView20rowsAboutToBeRemovedERK11QModelIndexii [QtGui]
_ZN9QTreeView20setUniformRowHeightsEb [QtGui]	_ZN9QTreeView21mouseDoubleClickEventEP11QMouseEvent [QtGui]
_ZN9QTreeView22resizeColumnToContentsEi [QtGui]	_ZN9QTreeView22setAllColumnsShowFocusEb [QtXml]
_ZN9QTreeView25horizontalScrollbarActionEi [QtGui]	_ZN9QTreeView5resetEv [QtGui]
_ZN9QTreeView6expandERK11QModelIndex [QtGui]	_ZN9QTreeView8collapseERK11QModelIndex [QtGui]
_ZN9QTreeView8expandedERK11QModelIndex [QtGui]	_ZN9QTreeView8reexpandEv [QtGui]
_ZN9QTreeView8scrollToERK11QModelIndexN17QAbstractItemView10ScrollHintE [QtGui]	_ZN9QTreeView8setModelEP18QAbstractItemModel [QtGui]
_ZN9QTreeView9collapsedERK11QModelIndex [QtGui]	_ZN9QTreeView9expandAllEv [QtXml]
_ZN9QTreeView9selectAllEv [QtGui]	_ZN9QTreeView9setHeaderEP11QHeaderView [QtGui]
_ZN9QTreeViewC1EP7QWidget [QtGui]	_ZN9QTreeViewC2EP7QWidget [QtGui]
_ZN9QTreeViewD0Ev [QtGui]	_ZN9QTreeViewD1Ev [QtGui]

_ZN9QTreeViewD2Ev [QtGui]	_ZNK10QCompleter10currentRowEv [QtXml]
_ZNK10QCompleter10metaObjectEv [QtXml]	_ZNK10QCompleter12currentIndexEv [QtXml]
_ZNK10QCompleter12modelSortingEv [QtXml]	_ZNK10QCompleter13pathFromIndexERK11QModelIndex [QtXml]
_ZNK10QCompleter14completionModeEv [QtXml]	_ZNK10QCompleter14completionRoleEv [QtXml]
_ZNK10QCompleter15caseSensitivityEv [QtXml]	_ZNK10QCompleter15completionCountEv [QtXml]
_ZNK10QCompleter15completionModelEv [QtXml]	_ZNK10QCompleter16completionColumnEv [QtXml]
_ZNK10QCompleter16completionPrefixEv [QtXml]	_ZNK10QCompleter17currentCompletionEv [QtXml]
_ZNK10QCompleter5modelEv [QtXml]	_ZNK10QCompleter5popupEv [QtXml]
_ZNK10QCompleter6widgetEv [QtXml]	_ZNK10QCompleter9splitPathERK7QString [QtXml]
_ZNK10QTableView10columnSpanEii [QtXml]	_ZNK10QTableView10metaObjectEv [QtGui]
_ZNK10QTableView10visualRectERK11QModelIndex [QtGui]	_ZNK10QTableView11columnWidthEi [QtGui]
_ZNK10QTableView11isRowHiddenEi [QtGui]	_ZNK10QTableView11viewOptionsEv [QtGui]
_ZNK10QTableView13isIndexHiddenERK11QModelIndex [QtGui]	_ZNK10QTableView14isColumnHiddenEi [QtGui]
_ZNK10QTableView14sizeHintForRowEi [QtGui]	_ZNK10QTableView14verticalHeaderEv [QtGui]
_ZNK10QTableView14verticalOffsetEv [QtGui]	_ZNK10QTableView15selectedIndexesEv [QtGui]
_ZNK10QTableView16horizontalHeaderEv [QtGui]	_ZNK10QTableView16horizontalOffsetEv [QtGui]
_ZNK10QTableView16isSortingEnabledEv [QtXml]	_ZNK10QTableView17sizeHintForColumnEi [QtGui]
_ZNK10QTableView19rowViewportPositionEi [QtGui]	_ZNK10QTableView22columnViewportPositionEi [QtGui]
_ZNK10QTableView24visualRegionForSelectionERK14QItemSelection [QtGui]	_ZNK10QTableView5rowAtEi [QtGui]
_ZNK10QTableView7indexAtERK6QPoint [QtGui]	_ZNK10QTableView7rowSpanEii [QtXml]
_ZNK10QTableView8columnAtEi [QtGui]	_ZNK10QTableView8showGridEv [QtGui]
_ZNK10QTableView9gridStyleEv [QtGui]	_ZNK10QTableView9rowHeightEi [QtGui]
_ZNK11QHeaderView10metaObject	_ZNK11QHeaderView10resizeMode

Ev [QtGui]	Ei [QtGui]
_ZNK11QHeaderView10visualRectERK11QModelIndex [QtGui]	_ZNK11QHeaderView11isClickableEv [QtGui]
_ZNK11QHeaderView11orientationEv [QtGui]	_ZNK11QHeaderView11sectionSizeEi [QtGui]
_ZNK11QHeaderView11visualIndexEi [QtGui]	_ZNK11QHeaderView12logicalIndexEi [QtGui]
_ZNK11QHeaderView12paintSectionEP8QPainterRK5QRecti [QtGui]	_ZNK11QHeaderView13isIndexHiddenERK11QModelIndex [QtGui]
_ZNK11QHeaderView13sectionsMovedEv [QtGui]	_ZNK11QHeaderView13visualIndexAtEi [QtGui]
_ZNK11QHeaderView14logicalIndexAtEi [QtGui]	_ZNK11QHeaderView14sectionsHiddenEv [QtGui]
_ZNK11QHeaderView14verticalOffsetEv [QtGui]	_ZNK11QHeaderView15isSectionHiddenEi [QtGui]
_ZNK11QHeaderView15sectionPositionEi [QtGui]	_ZNK11QHeaderView15sectionSizeHintEi [QtGui]
_ZNK11QHeaderView16defaultAlignmentEv [QtGui]	_ZNK11QHeaderView16horizontalOffsetEv [QtGui]
_ZNK11QHeaderView17highlightSectionsEv [QtGui]	_ZNK11QHeaderView18defaultSectionSizeEv [QtGui]
_ZNK11QHeaderView18hiddenSectionCountEv [QtGui]	_ZNK11QHeaderView18minimumSectionSizeEv [QtXml]
_ZNK11QHeaderView18sortIndicatorOrderEv [QtGui]	_ZNK11QHeaderView18stretchLastSectionEv [QtGui]
_ZNK11QHeaderView19stretchSectionCountEv [QtGui]	_ZNK11QHeaderView20isSortIndicatorShownEv [QtGui]
_ZNK11QHeaderView20sortIndicatorSectionEv [QtGui]	_ZNK11QHeaderView23cascadingSectionResizesEv [QtXml]
_ZNK11QHeaderView23sectionSizeFromContentsEi [QtGui]	_ZNK11QHeaderView23sectionViewportPositionEi [QtGui]
_ZNK11QHeaderView24visualRegionForSelectionERK14QItemSelection [QtGui]	_ZNK11QHeaderView5countEv [QtGui]
_ZNK11QHeaderView6lengthEv [QtGui]	_ZNK11QHeaderView6offsetEv [QtGui]
_ZNK11QHeaderView7indexAtERK6QPoint [QtGui]	_ZNK11QHeaderView8sizeHintEv [QtGui]
_ZNK11QHeaderView9isMovableEv [QtGui]	_ZNK11QProxyModel10headerDataEiN2Qt11OrientationEi [QtGui]
_ZNK11QProxyModel10metaObjectEv [QtGui]	_ZNK11QProxyModel11columnCountERK11QModelIndex [QtGui]
_ZNK11QProxyModel11hasChildrenERK11QModelIndex [QtGui]	_ZNK11QProxyModel13setProxyModelERK11QModelIndex [QtGui]
_ZNK11QProxyModel14connectToModelEPK18QAbstractItemModel	_ZNK11QProxyModel14setSourceModelERK11QModelIndex [QtGui]

[QtGui]	
_ZNK11QProxyModel19disconnectFromModelEPK18QAbstractItemModel [QtGui]	_ZNK11QProxyModel20supportedDropActionsEv [QtGui]
_ZNK11QProxyModel4dataERK11QModelIndexi [QtGui]	_ZNK11QProxyModel4spanERK11QModelIndex [QtGui]
_ZNK11QProxyModel5flagsERK11QModelIndex [QtGui]	_ZNK11QProxyModel5indexEiiRK11QModelIndex [QtGui]
_ZNK11QProxyModel5matchERK11QModelIndexiRK8QVarianti6QFlagsIN2Qt9MatchFlagEE [QtGui]	_ZNK11QProxyModel5modelEv [QtGui]
_ZNK11QProxyModel6parentERK11QModelIndex [QtGui]	_ZNK11QProxyModel8mimeDataERK5QListI11QModelIndexE [QtGui]
_ZNK11QProxyModel8rowCountERK11QModelIndex [QtGui]	_ZNK11QProxyModel9mimeTypesEv [QtGui]
_ZNK11QTreeWidget10headerItemEv [QtGui]	_ZNK11QTreeWidget10itemWidgetEP15QTreeWidgetItemi [QtGui]
_ZNK11QTreeWidget10metaObjectEv [QtGui]	_ZNK11QTreeWidget10sortColumnEv [QtGui]
_ZNK11QTreeWidget11columnCountEv [QtGui]	_ZNK11QTreeWidget11currentItemEv [QtGui]
_ZNK11QTreeWidget12isItemHiddenEPK15QTreeWidgetItem [QtGui]	_ZNK11QTreeWidget12topLevelItemEi [QtGui]
_ZNK11QTreeWidget13currentColumnEv [QtGui]	_ZNK11QTreeWidget13indexFromItemEP15QTreeWidgetItemi [QtGui]
_ZNK11QTreeWidget13itemFromIndexERK11QModelIndex [QtGui]	_ZNK11QTreeWidget13selectedItemsEv [QtGui]
_ZNK11QTreeWidget14isItemExpandedEPK15QTreeWidgetItem [QtGui]	_ZNK11QTreeWidget14isItemSelectedEPK15QTreeWidgetItem [QtGui]
_ZNK11QTreeWidget14visualItemRectEPK15QTreeWidgetItem [QtGui]	_ZNK11QTreeWidget16isSortingEnabledEv [QtGui]
_ZNK11QTreeWidget17invisibleRootItemEv [QtXml]	_ZNK11QTreeWidget17topLevelItemCountEv [QtGui]
_ZNK11QTreeWidget19indexOfTopLevelItemEP15QTreeWidgetItem [QtXml]	_ZNK11QTreeWidget20supportedDropActionsEv [QtGui]
_ZNK11QTreeWidget5itemsEPK9QMimeData [QtGui]	_ZNK11QTreeWidget6itemAtERK6QPoint [QtGui]
_ZNK11QTreeWidget8mimeDataE5QListIP15QTreeWidgetItemE [QtGui]	_ZNK11QTreeWidget9findItemsERK7QString6QFlagsIN2Qt9MatchFlagEEi [QtGui]
_ZNK11QTreeWidget9mimeTypesEv [QtGui]	_ZNK12QTableWidget10cellWidgetEii [QtGui]
_ZNK12QTableWidget10currentRowEv [QtGui]	_ZNK12QTableWidget10metaObjectEv [QtGui]
_ZNK12QTableWidget11columnCou	_ZNK12QTableWidget11currentItem

ntEv [QtGui]	Ev [QtGui]
_ZNK12QTableWidget12visualColumnEi [QtGui]	_ZNK12QTableWidget13currentColumnEv [QtGui]
_ZNK12QTableWidget13indexFromItemEP16QTableWidgetItem [QtGui]	_ZNK12QTableWidget13itemFromIndexERK11QModelIndex [QtGui]
_ZNK12QTableWidget13itemPrototypeEv [QtGui]	_ZNK12QTableWidget14isItemSelectedEPK16QTableWidgetItem [QtGui]
_ZNK12QTableWidget14selectedRangesEv [QtGui]	_ZNK12QTableWidget14visualItemRectEPK16QTableWidgetItem [QtGui]
_ZNK12QTableWidget16isSortingEnabledEv [QtGui]	_ZNK12QTableWidget18verticalHeaderItemEi [QtGui]
_ZNK12QTableWidget20horizontalHeaderItemEi [QtGui]	_ZNK12QTableWidget20supportedDropActionsEv [QtGui]
_ZNK12QTableWidget3rowEPK16QTableWidgetItem [QtGui]	_ZNK12QTableWidget4itemEii [QtGui]
_ZNK12QTableWidget5itemsEPK9QMimeData [QtGui]	_ZNK12QTableWidget6columnEPK16QTableWidgetItem [QtGui]
_ZNK12QTableWidget6itemAtERK6QPoint [QtGui]	_ZNK12QTableWidget8mimeDataE5QListIP16QTableWidgetItemE [QtGui]
_ZNK12QTableWidget8rowCountEv [QtGui]	_ZNK12QTableWidget9findItemsERK7QString6QFlagsIN2Qt9MatchFlagEE [QtGui]
_ZNK12QTableWidget9mimeTypesEv [QtGui]	_ZNK12QTableWidget9visualRowEi [QtGui]
_ZNK13QItemDelegate10decorationERK20QStyleOptionViewItemRK8QVariant [QtGui]	_ZNK13QItemDelegate10metaObjectEv [QtGui]
_ZNK13QItemDelegate10setOptionsERK11QModelIndexRK20QStyleOptionViewItem [QtXml]	_ZNK13QItemDelegate11drawDisplayEP8QPainterRK20QStyleOptionViewItemRK5QRectRK7QString [QtGui]
_ZNK13QItemDelegate11hasClippingEv [QtXml]	_ZNK13QItemDelegate12createEditorEP7QWidgetRK20QStyleOptionViewItemRK11QModelIndex [QtGui]
_ZNK13QItemDelegate12setModelDataEP7QWidgetP18QAbstractItemModelRK11QModelIndex [QtGui]	_ZNK13QItemDelegate13setEditorDataEP7QWidgetRK11QModelIndex [QtGui]
_ZNK13QItemDelegate13textRectangleEP8QPainterRK5QRectRK5QFontRK7QString [QtXml]	_ZNK13QItemDelegate14drawBackgroundEP8QPainterRK20QStyleOptionViewItemRK11QModelIndex [QtXml]
_ZNK13QItemDelegate14drawDecorationEP8QPainterRK20QStyleOptionViewItemRK5QRectRK7QPixmap	_ZNK13QItemDelegate17itemEditorFactoryEv [QtGui]

[QtGui]	
_ZNK13QItemDelegate20updateEditorGeometryEP7QWidgetRK20QStyleOptionViewItemRK11QModelIndex [QtGui]	_ZNK13QItemDelegate4rectERK20QStyleOptionViewItemRK11QModelIndexi [QtXml]
_ZNK13QItemDelegate5checkERK20QStyleOptionViewItemRK5QRectRK8QVariant [QtGui]	_ZNK13QItemDelegate5paintEP8QPainterRK20QStyleOptionViewItemRK11QModelIndex [QtGui]
_ZNK13QItemDelegate8doLayoutERK20QStyleOptionViewItemP5QRectS4_S4_b [QtGui]	_ZNK13QItemDelegate8selectedERK7QPixmapRK8QPaletteb [QtGui]
_ZNK13QItemDelegate8sizeHintERK20QStyleOptionViewItemRK11QModelIndex [QtGui]	_ZNK13QItemDelegate9drawCheckEP8QPainterRK20QStyleOptionViewItemRK5QRectN2Qt10CheckStateE [QtGui]
_ZNK13QItemDelegate9drawFocusEP8QPainterRK20QStyleOptionViewItemRK5QRect [QtGui]	_ZNK13QStandardItem11columnCountEv [QtXml]
_ZNK13QStandardItem11hasChildrenEv [QtXml]	_ZNK13QStandardItem3rowEv [QtXml]
_ZNK13QStandardItem4dataEi [QtXml]	_ZNK13QStandardItem4typeEv [QtXml]
_ZNK13QStandardItem5childEii [QtXml]	_ZNK13QStandardItem5cloneEv [QtXml]
_ZNK13QStandardItem5flagsEv [QtXml]	_ZNK13QStandardItem5indexEv [QtXml]
_ZNK13QStandardItem5modelEv [QtXml]	_ZNK13QStandardItem5writeER11QDataStream [QtXml]
_ZNK13QStandardItem6columnEv [QtXml]	_ZNK13QStandardItem6parentEv [QtXml]
_ZNK13QStandardItem8rowCountEv [QtXml]	_ZNK13QStandardItemltERKS_ [QtXml]
_ZNK14QItemSelection7indexesEv [QtGui]	_ZNK14QItemSelection8containsERK11QModelIndex [QtGui]
_ZNK15QAbstractButton10autoRepeatEv [QtGui]	_ZNK15QAbstractButton10metaObjectEv [QtGui]
_ZNK15QAbstractButton11isCheckableEv [QtGui]	_ZNK15QAbstractButton13autoExclusiveEv [QtGui]
_ZNK15QAbstractButton15autoRepeatDelayEv [QtXml]	_ZNK15QAbstractButton18autoRepeatIntervalEv [QtXml]
_ZNK15QAbstractButton4iconEv [QtGui]	_ZNK15QAbstractButton4textEv [QtGui]
_ZNK15QAbstractButton5groupEv [QtGui]	_ZNK15QAbstractButton6isDownEv [QtGui]
_ZNK15QAbstractButton7iconSetEv [QtGui]	_ZNK15QAbstractButton8iconSizeEv [QtGui]

_ZNK15QAbstractButton8shortcutEv [QtGui]	_ZNK15QAbstractButton9hitButtonERK6QPoint [QtGui]
_ZNK15QAbstractButton9isCheckedEv [QtGui]	_ZNK15QAbstractSlider10metaObjectEv [QtGui]
_ZNK15QAbstractSlider10singleStepEv [QtGui]	_ZNK15QAbstractSlider11hasTrackingEv [QtGui]
_ZNK15QAbstractSlider11orientationEv [QtGui]	_ZNK15QAbstractSlider12isSliderDownEv [QtGui]
_ZNK15QAbstractSlider12repeatActionEv [QtGui]	_ZNK15QAbstractSlider14sliderPositionEv [QtGui]
_ZNK15QAbstractSlider16invertedControlsEv [QtGui]	_ZNK15QAbstractSlider18invertedAppearanceEv [QtGui]
_ZNK15QAbstractSlider5valueEv [QtGui]	_ZNK15QAbstractSlider7maximumEv [QtGui]
_ZNK15QAbstractSlider7minimumEv [QtGui]	_ZNK15QAbstractSlider8pageStepEv [QtGui]
_ZNK15QTreeWidgetItem4dataEii [QtGui]	_ZNK15QTreeWidgetItem5cloneEv [QtGui]
_ZNK15QTreeWidgetItem5writeER11QDataStream [QtGui]	_ZNK15QTreeWidgetItemltERKS_ [QtGui]
_ZNK16QAbstractSpinBox10isReadOnlyEv [QtGui]	_ZNK16QAbstractSpinBox10metaObjectEv [QtGui]
_ZNK16QAbstractSpinBox11stepEnabledEv [QtGui]	_ZNK16QAbstractSpinBox13buttonSymbolsEv [QtGui]
_ZNK16QAbstractSpinBox13isAcceleratedEv [QtXml]	_ZNK16QAbstractSpinBox14correctionModeEv [QtXml]
_ZNK16QAbstractSpinBox15minimumSizeHintEv [QtGui]	_ZNK16QAbstractSpinBox16specialValueTextEv [QtGui]
_ZNK16QAbstractSpinBox18hasAcceptableInputEv [QtXml]	_ZNK16QAbstractSpinBox4textEv [QtGui]
_ZNK16QAbstractSpinBox5fixupER7QString [QtGui]	_ZNK16QAbstractSpinBox8hasFrameEv [QtGui]
_ZNK16QAbstractSpinBox8lineEditEv [QtGui]	_ZNK16QAbstractSpinBox8sizeHintEv [QtGui]
_ZNK16QAbstractSpinBox8validateER7QStringRi [QtGui]	_ZNK16QAbstractSpinBox8wrappingEv [QtGui]
_ZNK16QAbstractSpinBox9alignmentEv [QtGui]	_ZNK16QStringListModel10metaObjectEv [QtGui]
_ZNK16QStringListModel10stringListEv [QtGui]	_ZNK16QStringListModel4dataERK11QModelIndexi [QtGui]
_ZNK16QStringListModel5flagsERK11QModelIndex [QtGui]	_ZNK16QStringListModel8rowCountERK11QModelIndex [QtGui]
_ZNK16QTableWidgetItem4dataEi [QtGui]	_ZNK16QTableWidgetItem5cloneEv [QtGui]
_ZNK16QTableWidgetItem5writeER11QDataStream [QtGui]	_ZNK16QTableWidgetItemltERKS_ [QtGui]

© 2008 Linux Foundation

_ZNK17QAbstractItemView10metaObjectEv [QtGui]	_ZNK17QAbstractItemView11dragEnabledEv [QtGui]
_ZNK17QAbstractItemView11indexWidgetERK11QModelIndex [QtGui]	_ZNK17QAbstractItemView11viewOptionsEv [QtGui]
_ZNK17QAbstractItemView12currentIndexEv [QtGui]	_ZNK17QAbstractItemView12dragDropModeEv [QtXml]
_ZNK17QAbstractItemView12editTriggersEv [QtGui]	_ZNK17QAbstractItemView12itemDelegateERK11QModelIndex [QtXml]
_ZNK17QAbstractItemView12itemDelegateEv [QtGui]	_ZNK17QAbstractItemView13hasAutoScrollEv [QtGui]
_ZNK17QAbstractItemView13selectionModeEv [QtGui]	_ZNK17QAbstractItemView13textElideModeEv [QtGui]
_ZNK17QAbstractItemView14selectionModelEv [QtGui]	_ZNK17QAbstractItemView14sizeHintForRowEi [QtGui]
_ZNK17QAbstractItemView15selectedIndexesEv [QtGui]	_ZNK17QAbstractItemView16inputMethodQueryEN2Qt16InputMethodQueryE [QtXml]
_ZNK17QAbstractItemView16selectionCommandERK11QModelIndexPK6QEvent [QtGui]	_ZNK17QAbstractItemView16sizeHintForIndexERK11QModelIndex [QtGui]
_ZNK17QAbstractItemView16tabKeyNavigationEv [QtGui]	_ZNK17QAbstractItemView17dirtyRegionOffsetEv [QtGui]
_ZNK17QAbstractItemView17selectionBehaviorEv [QtGui]	_ZNK17QAbstractItemView17showDropIndicatorEv [QtGui]
_ZNK17QAbstractItemView17sizeHintForColumnEi [QtGui]	_ZNK17QAbstractItemView18itemDelegateForRowEi [QtXml]
_ZNK17QAbstractItemView18verticalScrollModeEv [QtXml]	_ZNK17QAbstractItemView20alternatingRowColorsEv [QtGui]
_ZNK17QAbstractItemView20horizontalScrollModeEv [QtXml]	_ZNK17QAbstractItemView20verticalStepsPerItemEv [QtGui]
_ZNK17QAbstractItemView21dragDropOverwriteModeEv [QtXml]	_ZNK17QAbstractItemView21dropIndicatorPositionEv [QtGui]
_ZNK17QAbstractItemView21itemDelegateForColumnEi [QtXml]	_ZNK17QAbstractItemView22horizontalStepsPerItemEv [QtGui]
_ZNK17QAbstractItemView5modelEv [QtGui]	_ZNK17QAbstractItemView5stateEv [QtGui]
_ZNK17QAbstractItemView8iconSizeEv [QtGui]	_ZNK17QAbstractItemView9rootIndexEv [QtGui]
_ZNK17QDataWidgetMapper10metaObjectEv [QtXml]	_ZNK17QDataWidgetMapper11orientationEv [QtXml]
_ZNK17QDataWidgetMapper12currentIndexEv [QtXml]	_ZNK17QDataWidgetMapper12itemDelegateEv [QtXml]
_ZNK17QDataWidgetMapper12submitPolicyEv [QtXml]	_ZNK17QDataWidgetMapper13mappedSectionEP7QWidget [QtXml]
_ZNK17QDataWidgetMapper14mappedWidgetAtEi [QtXml]	_ZNK17QDataWidgetMapper5modelEv [QtXml]

_ZNK17QDataWidgetMapper9rootIndexEv [QtXml]	_ZNK18QItemEditorFactory12createEditorEN8QVariant4TypeEP7QWidget [QtGui]
_ZNK18QItemEditorFactory17valuePropertyNameEN8QVariant4TypeE [QtGui]	_ZNK18QStandardItemModel10headerDataEiN2Qt11OrientationEi [QtGui]
_ZNK18QStandardItemModel10metaObjectEv [QtGui]	_ZNK18QStandardItemModel11columnCountERK11QModelIndex [QtGui]
_ZNK18QStandardItemModel11hasChildrenERK11QModelIndex [QtGui]	_ZNK18QStandardItemModel13indexFromItemEPK13QStandardItem [QtXml]
_ZNK18QStandardItemModel13itemFromIndexERK11QModelIndex [QtXml]	_ZNK18QStandardItemModel13itemPrototypeEv [QtXml]
_ZNK18QStandardItemModel17invisibleRootItemEv [QtXml]	_ZNK18QStandardItemModel18verticalHeaderItemEi [QtXml]
_ZNK18QStandardItemModel20horizontalHeaderItemEi [QtXml]	_ZNK18QStandardItemModel20supportedDropActionsEv [QtXml]
_ZNK18QStandardItemModel4dataERK11QModelIndexi [QtGui]	_ZNK18QStandardItemModel4itemEii [QtXml]
_ZNK18QStandardItemModel5flagsERK11QModelIndex [QtGui]	_ZNK18QStandardItemModel5indexEiiRK11QModelIndex [QtGui]
_ZNK18QStandardItemModel6parentERK11QModelIndex [QtGui]	_ZNK18QStandardItemModel8itemDataERK11QModelIndex [QtXml]
_ZNK18QStandardItemModel8rowCountERK11QModelIndex [QtGui]	_ZNK18QStandardItemModel8sortRoleEv [QtXml]
_ZNK18QStandardItemModel9findItemsERK7QString6QFlagsIN2Qt9MatchFlagEEi [QtXml]	_ZNK19QAbstractProxyModel10headerDataEiN2Qt11OrientationEi [QtXml]
_ZNK19QAbstractProxyModel10metaObjectEv [QtGui]	_ZNK19QAbstractProxyModel11sourceModelEv [QtGui]
_ZNK19QAbstractProxyModel20mapSelectionToSourceERK14QItemSelection [QtGui]	_ZNK19QAbstractProxyModel22mapSelectionFromSourceERK14QItemSelection [QtGui]
_ZNK19QAbstractProxyModel4dataERK11QModelIndexi [QtXml]	_ZNK19QAbstractProxyModel5flagsERK11QModelIndex [QtXml]
_ZNK19QAbstractScrollArea10metaObjectEv [QtGui]	_ZNK19QAbstractScrollArea12cornerWidgetEv [QtXml]
_ZNK19QAbstractScrollArea15minimumSizeHintEv [QtGui]	_ZNK19QAbstractScrollArea17verticalScrollBarEv [QtGui]
_ZNK19QAbstractScrollArea19horizontalScrollBarEv [QtGui]	_ZNK19QAbstractScrollArea19maximumViewportSizeEv [QtGui]
_ZNK19QAbstractScrollArea23verticalScrollBarPolicyEv [QtGui]	_ZNK19QAbstractScrollArea25horizontalScrollBarPolicyEv [QtGui]
_ZNK19QAbstractScrollArea8sizeHi	_ZNK19QAbstractScrollArea8viewp

ntEv [QtGui]	ortEv [QtGui]
_ZNK19QItemSelectionModel10isSelectedERK11QModelIndex [QtGui]	_ZNK19QItemSelectionModel10metaObjectEv [QtGui]
_ZNK19QItemSelectionModel12currentIndexEv [QtGui]	_ZNK19QItemSelectionModel12hasSelectionEv [QtXml]
_ZNK19QItemSelectionModel12selectedRowsEi [QtXml]	_ZNK19QItemSelectionModel13isRowSelectedEiRK11QModelIndex [QtGui]
_ZNK19QItemSelectionModel15selectedColumnsEi [QtXml]	_ZNK19QItemSelectionModel15selectedIndexesEv [QtGui]
_ZNK19QItemSelectionModel16isColumnSelectedEiRK11QModelIndex [QtGui]	_ZNK19QItemSelectionModel22rowIntersectsSelectionEiRK11QModelIndex [QtGui]
_ZNK19QItemSelectionModel25columnIntersectsSelectionEiRK11QModelIndex [QtGui]	_ZNK19QItemSelectionModel5modelEv [QtGui]
_ZNK19QItemSelectionModel9selectionEv [QtGui]	_ZNK19QItemSelectionRange10intersectsERKS_ [QtGui]
_ZNK19QItemSelectionRange7indexesEv [QtGui]	_ZNK19QItemSelectionRange9intersectERKS_ [QtGui]
_ZNK20QAbstractPrintDialog10metaObjectEv [QtXml]	_ZNK20QAbstractPrintDialog10printRangeEv [QtGui]
_ZNK20QAbstractPrintDialog14enabledOptionsEv [QtGui]	_ZNK20QAbstractPrintDialog15isOptionEnabledENS_17PrintDialogOptionE [QtGui]
_ZNK20QAbstractPrintDialog6toPageEv [QtGui]	_ZNK20QAbstractPrintDialog7maxPageEv [QtGui]
_ZNK20QAbstractPrintDialog7minPageEv [QtGui]	_ZNK20QAbstractPrintDialog7printerEv [QtGui]
_ZNK20QAbstractPrintDialog8fromPageEv [QtGui]	_ZNK21QAbstractItemDelegate10metaObjectEv [QtGui]
_ZNK21QAbstractItemDelegate12createEditorEP7QWidgetRK20QStyleOptionViewItemRK11QModelIndex [QtGui]	_ZNK21QAbstractItemDelegate12setModelDataEP7QWidgetP18QAbstractItemModelRK11QModelIndex [QtGui]
_ZNK21QAbstractItemDelegate13setEditorDataEP7QWidgetRK11QModelIndex [QtGui]	_ZNK21QAbstractItemDelegate20updateEditorGeometryEP7QWidgetRK20QStyleOptionViewItemRK11QModelIndex [QtGui]
_ZNK21QSortFilterProxyModel10filterRoleEv [QtXml]	_ZNK21QSortFilterProxyModel10headerDataEiN2Qt11OrientationEi [QtGui]
_ZNK21QSortFilterProxyModel10metaObjectEv [QtGui]	_ZNK21QSortFilterProxyModel11columnCountERK11QModelIndex [QtGui]
_ZNK21QSortFilterProxyModel11hasChildrenERK11QModelIndex	_ZNK21QSortFilterProxyModel11mapToSourceERK11QModelIndex

[QtGui]	[QtGui]
_ZNK21QSortFilterProxyModel12canFetchMoreERK11QModelIndex [QtGui]	_ZNK21QSortFilterProxyModel12filterRegExpEv [QtGui]
_ZNK21QSortFilterProxyModel13mapFromSourceERK11QModelIndex [QtGui]	_ZNK21QSortFilterProxyModel15filterKeyColumnEv [QtGui]
_ZNK21QSortFilterProxyModel16filterAcceptsRowEiRK11QModelIndex [QtGui]	_ZNK21QSortFilterProxyModel17dynamicSortFilterEv [QtXml]
_ZNK21QSortFilterProxyModel19filterAcceptsColumnEiRK11QModelIndex [QtGui]	_ZNK21QSortFilterProxyModel19sortCaseSensitivityEv [QtXml]
_ZNK21QSortFilterProxyModel20mapSelectionToSourceERK14QItemSelection [QtGui]	_ZNK21QSortFilterProxyModel20supportedDropActionsEv [QtXml]
_ZNK21QSortFilterProxyModel21filterCaseSensitivityEv [QtGui]	_ZNK21QSortFilterProxyModel22mapSelectionFromSourceERK14QItemSelection [QtGui]
_ZNK21QSortFilterProxyModel4dataERK11QModelIndexi [QtGui]	_ZNK21QSortFilterProxyModel4spanERK11QModelIndex [QtGui]
_ZNK21QSortFilterProxyModel5buddyERK11QModelIndex [QtGui]	_ZNK21QSortFilterProxyModel5flagsERK11QModelIndex [QtGui]
_ZNK21QSortFilterProxyModel5indexEiiRK11QModelIndex [QtGui]	_ZNK21QSortFilterProxyModel5matchERK11QModelIndexiRK8QVariant i6QFlagsIN2Qt9MatchFlagEE [QtGui]
_ZNK21QSortFilterProxyModel6parentERK11QModelIndex [QtGui]	_ZNK21QSortFilterProxyModel8lessThanERK11QModelIndexS2_ [QtGui]
_ZNK21QSortFilterProxyModel8mimeDataERK5QListI11QModelIndexE [QtGui]	_ZNK21QSortFilterProxyModel8rowCountERK11QModelIndex [QtGui]
_ZNK21QSortFilterProxyModel8sortRoleEv [QtXml]	_ZNK21QSortFilterProxyModel9mimeTypesEv [QtXml]
_ZNK24QAbstractPageSetupDialog10metaObjectEv [QtXml]	_ZNK26QAbstractGraphicsShapeItem10opaqueAreaEv [QtXml]
_ZNK26QAbstractGraphicsShapeItem12isObscuredByEPK13QGraphicsItem [QtXml]	_ZNK26QAbstractGraphicsShapeItem3penEv [QtXml]
_ZNK26QAbstractGraphicsShapeItem5brushEv [QtXml]	_ZNK27QAbstractTextDocumentLayout10metaObjectEv [QtGui]
_ZNK27QAbstractTextDocumentLayout11paintDeviceEv [QtGui]	_ZNK27QAbstractTextDocumentLayout16handlerForObjectEi [QtGui]
_ZNK27QAbstractTextDocumentLayout8anchorAtERK7QPointF [QtGui]	_ZNK27QAbstractTextDocumentLayout8documentEv [QtGui]

_ZNK9QDirModel10headerDataEiN2Qt11OrientationEi [QtGui]	_ZNK9QDirModel10isReadOnlyEv [QtGui]
_ZNK9QDirModel10metaObjectEv [QtGui]	_ZNK9QDirModel11columnCountERK11QModelIndex [QtGui]
_ZNK9QDirModel11hasChildrenERK11QModelIndex [QtGui]	_ZNK9QDirModel11nameFiltersEv [QtGui]
_ZNK9QDirModel12iconProviderEv [QtGui]	_ZNK9QDirModel14lazyChildCountEv [QtGui]
_ZNK9QDirModel15resolveSymlinksEv [QtGui]	_ZNK9QDirModel20supportedDropActionsEv [QtGui]
_ZNK9QDirModel4dataERK11QModelIndexi [QtGui]	_ZNK9QDirModel5flagsERK11QModelIndex [QtGui]
_ZNK9QDirModel5indexERK7QStringi [QtGui]	_ZNK9QDirModel5indexEiiRK11QModelIndex [QtGui]
_ZNK9QDirModel5isDirERK11QModelIndex [QtGui]	_ZNK9QDirModel6filterEv [QtGui]
_ZNK9QDirModel6parentERK11QModelIndex [QtGui]	_ZNK9QDirModel7sortingEv [QtGui]
_ZNK9QDirModel8fileIconERK11QModelIndex [QtGui]	_ZNK9QDirModel8fileInfoERK11QModelIndex [QtGui]
_ZNK9QDirModel8fileNameERK11QModelIndex [QtGui]	_ZNK9QDirModel8filePathERK11QModelIndex [QtGui]
_ZNK9QDirModel8mimeDataERK5QListI11QModelIndexE [QtGui]	_ZNK9QDirModel8rowCountERK11QModelIndex [QtGui]
_ZNK9QDirModel9mimeTypesEv [QtGui]	_ZNK9QTreeView10indexAboveERK11QModelIndex [QtGui]
_ZNK9QTreeView10indexBelowERK11QModelIndex [QtGui]	_ZNK9QTreeView10isAnimatedEv [QtXml]
_ZNK9QTreeView10isExpandedERK11QModelIndex [QtGui]	_ZNK9QTreeView10metaObjectEv [QtGui]
_ZNK9QTreeView10visualRectERK11QModelIndex [QtGui]	_ZNK9QTreeView11columnWidthEi [QtGui]
_ZNK9QTreeView11indentationEv [QtGui]	_ZNK9QTreeView11isRowHiddenEiRK11QModelIndex [QtGui]
_ZNK9QTreeView12drawBranchesEP8QPainterRK5QRectRK11QModelIndex [QtGui]	_ZNK9QTreeView13isIndexHiddenERK11QModelIndex [QtGui]
_ZNK9QTreeView14isColumnHiddenEi [QtGui]	_ZNK9QTreeView14verticalOffsetEv [QtGui]
_ZNK9QTreeView15itemsExpandableEv [QtGui]	_ZNK9QTreeView15rootIsDecoratedEv [QtGui]
_ZNK9QTreeView15selectedIndexesEv [QtGui]	_ZNK9QTreeView16horizontalOffsetEv [QtGui]
_ZNK9QTreeView16indexRowSizeHintERK11QModelIndex [QtGui]	_ZNK9QTreeView16isSortingEnabledEv [QtXml]
_ZNK9QTreeView17sizeHintForCol	_ZNK9QTreeView17uniformRowHe

umnEi [QtGui]	ightsEv [QtGui]
_ZNK9QTreeView19allColumnsShowFocusEv [QtXml]	_ZNK9QTreeView22columnViewportPositionEi [QtGui]
_ZNK9QTreeView24visualRegionForSelectionERK14QItemSelection [QtGui]	_ZNK9QTreeView6headerEv [QtGui]
_ZNK9QTreeView7drawRowEP8QPainterRK20QStyleOptionViewItemRK11QModelIndex [QtGui]	_ZNK9QTreeView7indexAtERK6QPoint [QtGui]
_ZNK9QTreeView8columnAtEi [QtGui]	_ZNK9QTreeView8drawTreeEP8QPainterRK7QRegion [QtXml]
_Zls6QDebugRK19QItemSelectionRange [QtGui]	_ZlsR11QDataStreamRK13QStandardItem [QtXml]
_ZlsR11QDataStreamRK15QTreeWidgetItem [QtGui]	_ZlsR11QDataStreamRK16QTableWidgetItem [QtGui]
_ZrsR11QDataStreamR13QStandardItem [QtXml]	_ZrsR11QDataStreamR15QTreeWidgetItem [QtGui]
_ZrsR11QDataStreamR16QTableWidgetItem [QtGui]	

17.4.11 Qt4 Dialogs

17.4.11.1 Class data for QDialog

The virtual table for the QDialog class is described by Table 17-255

Table 17-255 Primary vtable for QDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDialog
vfunc[0]:	QDialog::metaObject() const
vfunc[1]:	QDialog::qt_metacast(char const*)
vfunc[2]:	QDialog::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QDialog::~QDialog()
vfunc[4]:	QDialog::~QDialog()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

vfunc[12]:	QWidget::devType() const
vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[32]:	QDialog::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)

vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()

The Run Time Type Information for the QDialog class is described by Table 17-256

Table 17-256 typeinfo for QDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDialog
basetype:	typeinfo for QWidget

17.4.11.2 Class data for QColorDialog

The virtual table for the QColorDialog class is described by Table 17-257

Table 17-257 Primary vtable for QColorDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QColorDialog
vfunc[0]:	QColorDialog::metaObject() const
vfunc[1]:	QColorDialog::qt_metacast(char const*)

© 2008 Linux Foundation

vfunc[2]:	QColorDialog::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QColorDialog::~QColorDialog()
vfunc[4]:	QColorDialog::~QColorDialog()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDialog::resizeEvent(QResizeEvent*

	)
vfunc[32]:	QDialog::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()

The Run Time Type Information for the QColorDialog class is described by Table 17-258

Table 17-258 typeinfo for QColorDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info

Name	typeinfo name for QColorDialog
basetype:	typeinfo for QDialog

17.4.11.3 Class data for QFontDialog

The virtual table for the QFontDialog class is described by Table 17-259

Table 17-259 Primary vtable for QFontDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFontDialog
vfunc[0]:	QFontDialog::metaObject() const
vfunc[1]:	QFontDialog::qt_metacast(char const*)
vfunc[2]:	QFontDialog::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QFontDialog::~QFontDialog()
vfunc[4]:	QFontDialog::~QFontDialog()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QFontDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QDialog::keyPressEvent(QKeyEvent

	*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[32]:	QDialog::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont

	const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()

The Run Time Type Information for the QFontDialog class is described by Table 17-260

Table 17-260 typeinfo for QFontDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFontDialog
basetype:	typeinfo for QDialog

17.4.11.4 Class data for QMessageBox

The virtual table for the QMessageBox class is described by Table 17-261

Table 17-261 Primary vtable for QMessageBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMessageBox
vfunc[0]:	QMessageBox::metaObject() const
vfunc[1]:	QMessageBox::qt_metacast(char const*)
vfunc[2]:	QMessageBox::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QMessageBox::~QMessageBox()
vfunc[4]:	QMessageBox::~QMessageBox()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QMessageBox::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const

vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QMessageBox::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QMessageBox::resizeEvent(QResizeEvent*)
vfunc[32]:	QMessageBox::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QMessageBox::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)

© 2008 Linux Foundation

vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QMessageBox::changeEvent(QEvent *)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()

The Run Time Type Information for the QMessageBox class is described by Table 17-262

Table 17-262 typeinfo for QMessageBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMessageBox
basetype:	typeinfo for QDialog

17.4.11.5 Class data for QProgressDialog

The virtual table for the QProgressDialog class is described by Table 17-263

Table 17-263 Primary vtable for QProgressDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QProgressDialog
vfunc[0]:	QProgressDialog::metaObject() const
vfunc[1]:	QProgressDialog::qt_metacast(char const*)
vfunc[2]:	QProgressDialog::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QProgressDialog::~QProgressDialog

	()
vfunc[4]:	QProgressDialog::~QProgressDialog ()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QProgressDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QProgressDialog::resizeEvent(QResizeEvent*)

© 2008 Linux Foundation

vfunc[32]:	QProgressDialog::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QProgressDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QProgressDialog::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()

The Run Time Type Information for the QProgressDialog class is described by Table 17-264

Table 17-264 typeinfo for QProgressDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QProgressDialog
basetype:	typeinfo for QDialog

17.4.11.6 Class data for QErrorMessage

The virtual table for the QErrorMessage class is described by Table 17-265

Table 17-265 Primary vtable for QErrorMessage

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QErrorMessage
vfunc[0]:	QErrorMessage::metaObject() const
vfunc[1]:	QErrorMessage::qt_metacast(char const*)
vfunc[2]:	QErrorMessage::qt_metacall(QMeta Object::Call, int, void**)
vfunc[3]:	QErrorMessage::~QErrorMessage()
vfunc[4]:	QErrorMessage::~QErrorMessage()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMous eEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMo useEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMous eEvent*)

© 2008 Linux Foundation

vfunc[22]:	QWidget::wheelEvent(QWheelEvent *)
vfunc[23]:	QDialog::keyPressEvent(QKeyEvent *)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[32]:	QDialog::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)

vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QErrorMessage::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()

The Run Time Type Information for the QErrorMessage class is described by Table 17-266

Table 17-266 typeinfo for QErrorMessage

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QErrorMessage
basetype:	typeinfo for QDialog

17.4.11.7 Class data for QFileDialog

The virtual table for the QFileDialog class is described by Table 17-267

Table 17-267 Primary vtable for QFileDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFileDialog
vfunc[0]:	QFileDialog::metaObject() const
vfunc[1]:	QFileDialog::qt_metacast(char const*)
vfunc[2]:	QFileDialog::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QFileDialog::~QFileDialog()
vfunc[4]:	QFileDialog::~QFileDialog()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const

vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[32]:	QDialog::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)

vfunc[40]:	QDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QFileDialog::done(int)
vfunc[55]:	QFileDialog::accept()
vfunc[56]:	QDialog::reject()

The Run Time Type Information for the QFileDialog class is described by Table 17-268

Table 17-268 typeinfo for QFileDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFileDialog
basetype:	typeinfo for QDialog

17.4.11.8 Class data for QPrintDialog

The virtual table for the QPrintDialog class is described by Table 17-269

Table 17-269 Primary vtable for QPrintDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPrintDialog
vfunc[0]:	QPrintDialog::metaObject() const
vfunc[1]:	QPrintDialog::qt_metacast(char const*)
vfunc[2]:	QPrintDialog::qt_metacall(QMetaObject::Call, int, void**)

vfunc[3]:	QPrintDialog::~QPrintDialog()
vfunc[4]:	QPrintDialog::~QPrintDialog()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[32]:	QDialog::closeEvent(QCloseEvent*)

© 2008 Linux Foundation

vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()
vfunc[57]:	QPrintDialog::exec()

The Run Time Type Information for the QPrintDialog class is described by Table 17-270

Table 17-270 typeinfo for QPrintDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPrintDialog

basetype:	typeinfo for QAbstractPrintDialog

17.4.11.9 Class data for QPageSetupDialog

The virtual table for the QPageSetupDialog class is described by Table 17-271

Table 17-271 Primary vtable for QPageSetupDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPageSetupDialog
vfunc[0]:	QDialog::metaObject() const
vfunc[1]:	QDialog::qt_metacast(char const*)
vfunc[2]:	QDialog::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QPageSetupDialog::~QPageSetupDialog()
vfunc[4]:	NULL or QPageSetupDialog::~QPageSetupDialog()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)

vfunc[23]:	QDialog::keyPressEvent(QKeyEvent *)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[32]:	QDialog::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)

© 2008 Linux Foundation

vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()
vfunc[57]:	QPageSetupDialog::exec()

The Run Time Type Information for the QPageSetupDialog class is described by Table 17-272

Table 17-272 typeinfo for QPageSetupDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPageSetupDialog
basetype:	typeinfo for QAbstractPageSetupDialog

17.4.11.10 Class data for QInputDialog

The virtual table for the QInputDialog class is described by Table 17-273

Table 17-273 Primary vtable for QInputDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QInputDialog
vfunc[0]:	QInputDialog::metaObject() const
vfunc[1]:	QInputDialog::qt_metacast(char const*)
vfunc[2]:	QInputDialog::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QInputDialog::~QInputDialog()
vfunc[4]:	QInputDialog::~QInputDialog()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const

vfunc[13]:	QDialog::setVisible(bool)
vfunc[14]:	QDialog::sizeHint() const
vfunc[15]:	QDialog::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[32]:	QDialog::closeEvent(QCloseEvent*)
vfunc[33]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)

© 2008 Linux Foundation

vfunc[40]:	QDialog::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()

The Run Time Type Information for the QInputDialog class is described by Table 17-274

Table 17-274 typeinfo for QInputDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QInputDialog
basetype:	typeinfo for QDialog

17.4.11.11 Class data for QFileIconProvider

The virtual table for the QFileIconProvider class is described by Table 17-275

Table 17-275 Primary vtable for QFileIconProvider

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFileIconProvider
vfunc[0]:	QFileIconProvider::~QFileIconProvider()
vfunc[1]:	QFileIconProvider::~QFileIconProvider()
vfunc[2]:	QFileIconProvider::icon(QFileIconPr

	ovider::IconType) const
vfunc[3]:	QFileIconProvider::icon(QFileInfo const&) const
vfunc[4]:	QFileIconProvider::type(QFileInfo const&) const

The Run Time Type Information for the QFileIconProvider class is described by Table 17-276

Table 17-276 typeinfo for QFileIconProvider

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QFileIconProvider

17.4.11.12 Interfaces for Qt4 Dialogs

An LSB conforming implementation shall provide the generic functions for Qt4 Dialogs specified in Table 17-277, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-277 libQtGui - Qt4 Dialogs Function Interfaces

_ZN11QFileDialog10selectFileERK7QString [QtGui]	_ZN11QFileDialog10setFiltersERK11QStringList [QtGui]
_ZN11QFileDialog10setHistoryERK11QStringList [QtGui]	_ZN11QFileDialog11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN11QFileDialog11qt_metacastEPKc [QtGui]	_ZN11QFileDialog11setFileModeENS_8FileModeE [QtGui]
_ZN11QFileDialog11setReadOnlyEb [QtGui]	_ZN11QFileDialog11setViewModeENS_8ViewModeE [QtGui]
_ZN11QFileDialog12selectFilterERK7QString [QtGui]	_ZN11QFileDialog12setDirectoryERK7QString [QtGui]
_ZN11QFileDialog12setLabelTextENS_11DialogLabelERK7QString [QtGui]	_ZN11QFileDialog13filesSelectedERK11QStringList [QtGui]
_ZN11QFileDialog13setAcceptModeENS_10AcceptModeE [QtGui]	_ZN11QFileDialog14currentChangedERK7QString [QtGui]
_ZN11QFileDialog15getOpenFileNameEP7QWidgetRK7QStringS4_S4_PS2_6QFlagsINS_6OptionEE [QtGui]	_ZN11QFileDialog15getSaveFileNameEP7QWidgetRK7QStringS4_S4_PS2_6QFlagsINS_6OptionEE [QtGui]
_ZN11QFileDialog15setIconProviderEP17QFileIconProvider [QtGui]	_ZN11QFileDialog15setItemDelegateEP21QAbstractItemDelegate [QtGui]
_ZN11QFileDialog16getOpenFileNamesEP7QWidgetRK7QStringS4_S4_PS2_6QFlagsINS_6OptionEE [QtGui]	_ZN11QFileDialog16setDefaultSuffixERK7QString [QtGui]
_ZN11QFileDialog18setResolveSymlinksEb [QtGui]	_ZN11QFileDialog19setConfirmOverwriteEb [QtGui]
_ZN11QFileDialog20getExistingDirectoryEP7QWidgetRK7QStringS4_6Q	_ZN11QFileDialog4doneEi [QtGui]

FlagsINS_6OptionEE [QtGui]	
_ZN11QFileDialog6acceptEv [QtGui]	_ZN11QFileDialog9setFilterERK7QString [QtGui]
_ZN11QFileDialogC1EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN11QFileDialogC1EP7QWidgetRK7QStringS4_S4_ [QtGui]
_ZN11QFileDialogC1ERK15QFileDialogArgs [QtGui]	_ZN11QFileDialogC2EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN11QFileDialogC2EP7QWidgetRK7QStringS4_S4_ [QtGui]	_ZN11QFileDialogC2ERK15QFileDialogArgs [QtGui]
_ZN11QFileDialogD0Ev [QtGui]	_ZN11QFileDialogD1Ev [QtGui]
_ZN11QFileDialogD2Ev [QtGui]	_ZN11QFontDialog11eventFilterEP7QObjectP6QEvent [QtGui]
_ZN11QFontDialog7getFontEPbP7QWidget [QtGui]	_ZN11QFontDialog7getFontEPbRK5QFontP7QWidget [QtGui]
_ZN11QFontDialog7getFontEPbRK5QFontP7QWidgetRK7QString [QtXml]	_ZN11QFontDialogD0Ev [QtGui]
_ZN11QFontDialogD1Ev [QtGui]	_ZN11QFontDialogD2Ev [QtGui]
_ZN11QMessageBox10closeEventEP11QCloseEvent [QtGui]	_ZN11QMessageBox11changeEventEP6QEvent [QtGui]
_ZN11QMessageBox11informationEP7QWidgetRK7QStringS4_6QFlagsINS_14StandardButtonEES6_ [QtXml]	_ZN11QMessageBox11informationEP7QWidgetRK7QStringS4_S4_S4_S4_ii [QtGui]
_ZN11QMessageBox11informationEP7QWidgetRK7QStringS4_iii [QtGui]	_ZN11QMessageBox11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN11QMessageBox11qt_metacastEPKc [QtGui]	_ZN11QMessageBox11resizeEventEP12QResizeEvent [QtGui]
_ZN11QMessageBox12removeButtonEP15QAbstractButton [QtXml]	_ZN11QMessageBox12standardIconENS_4IconE [QtGui]
_ZN11QMessageBox12standardIconENS_4IconEN2Qt8GUIStyleE [QtGui]	_ZN11QMessageBox13keyPressEventEP9QKeyEvent [QtGui]
_ZN11QMessageBox13setButtonTextEiRK7QString [QtGui]	_ZN11QMessageBox13setIconPixmapERK7QPixmap [QtGui]
_ZN11QMessageBox13setTextFormatEN2Qt10TextFormatE [QtGui]	_ZN11QMessageBox14setWindowTitleERK7QString [QtXml]
_ZN11QMessageBox15setDetailedTextERK7QString [QtXml]	_ZN11QMessageBox15setEscapeButtonEP15QAbstractButton [QtXml]
_ZN11QMessageBox16setDefaultButtonEP11QPushButton [QtXml]	_ZN11QMessageBox17setWindowModalityEN2Qt14WindowModalityE [QtXml]
_ZN11QMessageBox18setInformativ	_ZN11QMessageBox18setStandardB

eTextERK7QString [QtXml]	uttonsE6QFlagsINS_14StandardButtonEE [QtXml]
ZN11QMessageBox5aboutEP7QWidgetRK7QStringS4 [QtGui]	_ZN11QMessageBox7aboutQtEP7QWidgetRK7QString [QtGui]
_ZN11QMessageBox7setIconENS_4IconE [QtGui]	_ZN11QMessageBox7setTextERK7QString [QtGui]
_ZN11QMessageBox7warningEP7QWidgetRK7QStringS4_6QFlagsINS_14StandardButtonEES6_ [QtXml]	_ZN11QMessageBox7warningEP7QWidgetRK7QStringS4_S4_S4_S4_ii [QtGui]
_ZN11QMessageBox7warningEP7QWidgetRK7QStringS4_iii [QtGui]	_ZN11QMessageBox8criticalEP7QWidgetRK7QStringS4_6QFlagsINS_14StandardButtonEES6_ [QtXml]
_ZN11QMessageBox8criticalEP7QWidgetRK7QStringS4_S4_S4_S4_ii [QtGui]	_ZN11QMessageBox8criticalEP7QWidgetRK7QStringS4_iii [QtGui]
_ZN11QMessageBox8questionEP7QWidgetRK7QStringS4_6QFlagsINS_14StandardButtonEES6_ [QtXml]	_ZN11QMessageBox8questionEP7QWidgetRK7QStringS4_S4_S4_S4_ii [QtGui]
_ZN11QMessageBox8questionEP7QWidgetRK7QStringS4_iii [QtGui]	_ZN11QMessageBox9addButtonENS_14StandardButtonE [QtXml]
_ZN11QMessageBox9addButtonEP15QAbstractButtonNS_10ButtonRoleE [QtXml]	_ZN11QMessageBox9addButtonERK7QStringNS_10ButtonRoleE [QtXml]
_ZN11QMessageBox9showEventEP10QShowEvent [QtGui]	_ZN11QMessageBoxC1ENS_4IconERK7QStringS3_6QFlagsINS_14StandardButtonEEP7QWidgetS4_IN2Qt10WindowTypeEE [QtXml]
_ZN11QMessageBoxC1EP7QWidget [QtGui]	_ZN11QMessageBoxC1EP7QWidgetPKc [QtGui]
_ZN11QMessageBoxC1ERK7QStringS2_NS_4IconEiiiP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN11QMessageBoxC1ERK7QStringS2_NS_4IconEiiiP7QWidgetPKcb6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN11QMessageBoxC2ENS_4IconERK7QStringS3_6QFlagsINS_14StandardButtonEEP7QWidgetS4_IN2Qt10WindowTypeEE [QtXml]	_ZN11QMessageBoxC2EP7QWidget [QtGui]
_ZN11QMessageBoxC2EP7QWidgetPKc [QtGui]	_ZN11QMessageBoxC2ERK7QStringS2_NS_4IconEiiiP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN11QMessageBoxC2ERK7QStringS2_NS_4IconEiiiP7QWidgetPKcb6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN11QMessageBoxD0Ev [QtGui]
_ZN11QMessageBoxD1Ev [QtGui]	_ZN11QMessageBoxD2Ev [QtGui]
_ZN12QColorDialog11customColorEi [QtGui]	_ZN12QColorDialog11customCountEv [QtGui]

_ZN12QColorDialog14setCustomColorEij [QtGui]	_ZN12QColorDialog16setStandardColorEij [QtGui]
_ZN12QColorDialog7getRgbaEjPbP7QWidget [QtGui]	_ZN12QColorDialog8getColorERK6QColorP7QWidget [QtGui]
_ZN12QColorDialogD0Ev [QtGui]	_ZN12QColorDialogD1Ev [QtGui]
_ZN12QColorDialogD2Ev [QtGui]	_ZN12QInputDialog10getIntegerEP7QWidgetRK7QStringS4_iiiiPb6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN12QInputDialog7getItemEP7QWidgetRK7QStringS4_RK11QStringListibPb6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN12QInputDialog7getTextEP7QWidgetRK7QStringS4_N9QLineEdit8EchoModeES4_Pb6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN12QInputDialog9getDoubleEP7QWidgetRK7QStringS4_dddiPb6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN12QInputDialogD0Ev [QtGui]
_ZN12QInputDialogD1Ev [QtGui]	_ZN12QInputDialogD2Ev [QtGui]
_ZN12QPrintDialog10setPrinterEP8QPrinterb [QtGui]	_ZN12QPrintDialog11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN12QPrintDialog11qt_metacastEPKc [QtGui]	_ZN12QPrintDialog4execEv [QtGui]
_ZN12QPrintDialog9addButtonEP11QPushButton [QtGui]	_ZN12QPrintDialogC1EP8QPrinterP7QWidget [QtGui]
_ZN12QPrintDialogC2EP8QPrinterP7QWidget [QtGui]	_ZN12QPrintDialogD0Ev [QtGui]
_ZN12QPrintDialogD1Ev [QtGui]	_ZN12QPrintDialogD2Ev [QtGui]
_ZN13QErrorMessage11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN13QErrorMessage11qt_metacastEPKc [QtGui]
_ZN13QErrorMessage11showMessageERK7QString [QtGui]	_ZN13QErrorMessage4doneEi [QtGui]
_ZN13QErrorMessage9qtHandlerEv [QtGui]	_ZN13QErrorMessageC1EP7QWidget [QtGui]
_ZN13QErrorMessageC2EP7QWidget [QtGui]	_ZN13QErrorMessageD0Ev [QtGui]
_ZN13QErrorMessageD1Ev [QtGui]	_ZN13QErrorMessageD2Ev [QtGui]
_ZN15QProgressDialog10closeEventEP11QCloseEvent [QtGui]	_ZN15QProgressDialog10setMaximumEi [QtGui]
_ZN15QProgressDialog10setMinimumEi [QtGui]	_ZN15QProgressDialog11changeEventEP6QEvent [QtGui]
_ZN15QProgressDialog11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN15QProgressDialog11qt_metacastEPKc [QtGui]
_ZN15QProgressDialog11resizeEventEP12QResizeEvent [QtGui]	_ZN15QProgressDialog12setAutoCloseEb [QtGui]
_ZN15QProgressDialog12setAutoResetEb [QtGui]	_ZN15QProgressDialog12setLabelTextERK7QString [QtGui]

_ZN15QProgressDialog15setCancelButtonEP11QPushButton [QtGui]	_ZN15QProgressDialog18setMinimumDurationEi [QtGui]
_ZN15QProgressDialog19setCancelButtonTextERK7QString [QtGui]	_ZN15QProgressDialog5resetEv [QtGui]
_ZN15QProgressDialog6cancelEv [QtGui]	_ZN15QProgressDialog6setBarEP12QProgressBar [QtGui]
_ZN15QProgressDialog8canceledEv [QtGui]	_ZN15QProgressDialog8setLabelEP6QLabel [QtGui]
_ZN15QProgressDialog8setRangeEii [QtGui]	_ZN15QProgressDialog8setValueEi [QtGui]
_ZN15QProgressDialog9forceShowEv [QtGui]	_ZN15QProgressDialog9showEventEP10QShowEvent [QtGui]
_ZN15QProgressDialogC1EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN15QProgressDialogC1ERK7QStringS2_iiP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN15QProgressDialogC2EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN15QProgressDialogC2ERK7QStringS2_iiP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN15QProgressDialogD0Ev [QtGui]	_ZN15QProgressDialogD1Ev [QtGui]
_ZN15QProgressDialogD2Ev [QtGui]	_ZN16QPageSetupDialog11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN16QPageSetupDialog11qt_metacastEPKc [QtXml]	_ZN16QPageSetupDialog4execEv [QtGui]
_ZN16QPageSetupDialogC1EP8QPrinterP7QWidget [QtGui]	_ZN16QPageSetupDialogC2EP8QPrinterP7QWidget [QtGui]
_ZN17QFileIconProviderC1Ev [QtGui]	_ZN17QFileIconProviderC2Ev [QtGui]
_ZN17QFileIconProviderD0Ev [QtGui]	_ZN17QFileIconProviderD1Ev [QtGui]
_ZN17QFileIconProviderD2Ev [QtGui]	_ZN7QDialog10closeEventEP11QCloseEvent [QtGui]
_ZN7QDialog10setVisibleEb [QtGui]	_ZN7QDialog11eventFilterEP7QObjectP6QEvent [QtGui]
_ZN7QDialog11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN7QDialog11qt_metacastEPKc [QtGui]
_ZN7QDialog11resizeEventEP12QResizeEvent [QtGui]	_ZN7QDialog12setExtensionEP7QWidget [QtGui]
_ZN7QDialog13keyPressEventEP9QKeyEvent [QtGui]	_ZN7QDialog13showExtensionEb [QtGui]
_ZN7QDialog14adjustPositionEP7QWidget [QtGui]	_ZN7QDialog14setOrientationEN2Qt11OrientationE [QtGui]
_ZN7QDialog16contextMenuEventEP17QContextMenuEvent [QtGui]	_ZN7QDialog18setSizeGripEnabledEb [QtGui]
_ZN7QDialog4doneEi [QtGui]	_ZN7QDialog4execEv [QtGui]

_ZN7QDialog6acceptEv [QtGui]	_ZN7QDialog6rejectEv [QtGui]
_ZN7QDialog8acceptedEv [QtGui]	_ZN7QDialog8finishedEi [QtGui]
_ZN7QDialog8rejectedEv [QtGui]	_ZN7QDialog8setModalEb [QtGui]
_ZN7QDialog9setResultEi [QtGui]	_ZN7QDialog9showEventEP10QShowEvent [QtGui]
_ZN7QDialogC1EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN7QDialogC1EP7QWidgetPKcb6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN7QDialogC2EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN7QDialogC2EP7QWidgetPKcb6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN7QDialogD0Ev [QtGui]	_ZN7QDialogD1Ev [QtGui]
_ZN7QDialogD2Ev [QtGui]	_ZNK11QFileDialog10acceptModeEv [QtGui]
_ZNK11QFileDialog10isReadOnlyEv [QtGui]	_ZNK11QFileDialog10metaObjectEv [QtGui]
_ZNK11QFileDialog12iconProviderEv [QtGui]	_ZNK11QFileDialog12itemDelegateEv [QtGui]
_ZNK11QFileDialog12selectedFileEv [QtGui]	_ZNK11QFileDialog13defaultSuffixEv [QtGui]
_ZNK11QFileDialog13selectedFilesEv [QtGui]	_ZNK11QFileDialog14selectedFilterEv [QtGui]
_ZNK11QFileDialog15resolveSymlinksEv [QtGui]	_ZNK11QFileDialog16confirmOverwriteEv [QtGui]
_ZNK11QFileDialog7filtersEv [QtGui]	_ZNK11QFileDialog7historyEv [QtGui]
_ZNK11QFileDialog8fileModeEv [QtGui]	_ZNK11QFileDialog8viewModeEv [QtGui]
_ZNK11QFileDialog9directoryEv [QtGui]	_ZNK11QFileDialog9labelTextENS_11DialogLabelE [QtGui]
_ZNK11QMessageBox10buttonTextEi [QtGui]	_ZNK11QMessageBox10iconPixmapEv [QtGui]
_ZNK11QMessageBox10metaObjectEv [QtGui]	_ZNK11QMessageBox10textFormatEv [QtGui]
_ZNK11QMessageBox12detailedTextEv [QtXml]	_ZNK11QMessageBox12escapeButtonEv [QtXml]
_ZNK11QMessageBox13clickedButtonEv [QtXml]	_ZNK11QMessageBox13defaultButtonEv [QtXml]
_ZNK11QMessageBox14standardButtonEP15QAbstractButton [QtXml]	_ZNK11QMessageBox15informativeTextEv [QtXml]
_ZNK11QMessageBox15standardButtonsEv [QtXml]	_ZNK11QMessageBox4iconEv [QtGui]
_ZNK11QMessageBox4textEv [QtGui]	_ZNK11QMessageBox6buttonENS_14StandardButtonE [QtXml]
_ZNK11QMessageBox8sizeHintEv	_ZNK12QPrintDialog10metaObjectE

[QtGui]	v [QtGui]
_ZNK12QPrintDialog7printerEv [QtGui]	_ZNK13QErrorMessage10metaObjectEv [QtGui]
_ZNK15QProgressDialog10metaObjectEv [QtGui]	_ZNK15QProgressDialog11wasCanceledEv [QtGui]
_ZNK15QProgressDialog15minimumDurationEv [QtGui]	_ZNK15QProgressDialog5valueEv [QtGui]
_ZNK15QProgressDialog7maximumEv [QtGui]	_ZNK15QProgressDialog7minimumEv [QtGui]
_ZNK15QProgressDialog8sizeHintEv [QtGui]	_ZNK15QProgressDialog9autoCloseEv [QtGui]
_ZNK15QProgressDialog9autoResetEv [QtGui]	_ZNK15QProgressDialog9labelTextEv [QtGui]
_ZNK16QPageSetupDialog10metaObjectEv [QtXml]	_ZNK17QFileIconProvider4iconENS_8IconTypeE [QtGui]
_ZNK17QFileIconProvider4iconERK9QFileInfo [QtGui]	_ZNK17QFileIconProvider4typeERK9QFileInfo [QtGui]
_ZNK7QDialog10metaObjectEv [QtGui]	_ZNK7QDialog11orientationEv [QtGui]
_ZNK7QDialog15minimumSizeHintEv [QtGui]	_ZNK7QDialog17isSizeGripEnabledEv [QtGui]
_ZNK7QDialog6resultEv [QtGui]	_ZNK7QDialog8sizeHintEv [QtGui]
_ZNK7QDialog9extensionEv [QtGui]	

17.4.12 Qt4 Date and Time

17.4.12.1 Class data for QDateTimeEdit

The virtual table for the QDateTimeEdit class is described by Table 17-278

Table 17-278 Primary vtable for QDateTimeEdit

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDateTimeEdit
vfunc[0]:	QDateTimeEdit::metaObject() const
vfunc[1]:	QDateTimeEdit::qt_metacast(char const*)
vfunc[2]:	QDateTimeEdit::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QDateTimeEdit::~QDateTimeEdit()
vfunc[4]:	NULL or QDateTimeEdit::~QDateTimeEdit()
vfunc[5]:	QDateTimeEdit::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*,

	QEvent*)
vfunc[7]:	QAbstractSpinBox::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QDateTimeEdit::sizeHint() const
vfunc[15]:	QAbstractSpinBox::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractSpinBox::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractSpinBox::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractSpinBox::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QDateTimeEdit::wheelEvent(QWheelEvent*)
vfunc[23]:	QDateTimeEdit::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractSpinBox::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QDateTimeEdit::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractSpinBox::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QAbstractSpinBox::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractSpinBox::resizeEvent(QResizeEvent*)
vfunc[32]:	QAbstractSpinBox::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractSpinBox::contextMenuEve

	nt(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QAbstractSpinBox::showEvent(QShowEvent*)
vfunc[41]:	QAbstractSpinBox::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractSpinBox::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QDateTimeEdit::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDateTimeEdit::validate(QString&, int&) const
vfunc[55]:	QDateTimeEdit::fixup(QString&) const
vfunc[56]:	QDateTimeEdit::stepBy(int)
vfunc[57]:	QDateTimeEdit::clear()
vfunc[58]:	QDateTimeEdit::stepEnabled() const
vfunc[59]:	QDateTimeEdit::dateTimeFromText(

© 2008 Linux Foundation

	QString const&) const
vfunc[60]:	QDateTimeEdit::textFromDateTime(QDateTime const&) const

The Run Time Type Information for the QDateTimeEdit class is described by Table 17-279

Table 17-279 typeinfo for QDateTimeEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDateTimeEdit
basetype:	typeinfo for QAbstractSpinBox

17.4.12.2 Class data for QTimeEdit

The virtual table for the QTimeEdit class is described by Table 17-280

Table 17-280 Primary vtable for QTimeEdit

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTimeEdit
vfunc[0]:	QTimeEdit::metaObject() const
vfunc[1]:	QTimeEdit::qt_metacast(char const*)
vfunc[2]:	QTimeEdit::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QTimeEdit::~QTimeEdit()
vfunc[4]:	NULL or QTimeEdit::~QTimeEdit()
vfunc[5]:	QDateTimeEdit::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractSpinBox::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QDateTimeEdit::sizeHint() const
vfunc[15]:	QAbstractSpinBox::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractSpinBox::mousePressEven

	t(QMouseEvent*)
vfunc[19]:	QAbstractSpinBox::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractSpinBox::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QDateTimeEdit::wheelEvent(QWheelEvent*)
vfunc[23]:	QDateTimeEdit::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractSpinBox::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QDateTimeEdit::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractSpinBox::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QAbstractSpinBox::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractSpinBox::resizeEvent(QResizeEvent*)
vfunc[32]:	QAbstractSpinBox::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractSpinBox::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QAbstractSpinBox::showEvent(QShowEvent*)
vfunc[41]:	QAbstractSpinBox::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)

© 2008 Linux Foundation

vfunc[43]:	QAbstractSpinBox::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QDateTimeEdit::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDateTimeEdit::validate(QString&, int&) const
vfunc[55]:	QDateTimeEdit::fixup(QString&) const
vfunc[56]:	QDateTimeEdit::stepBy(int)
vfunc[57]:	QDateTimeEdit::clear()
vfunc[58]:	QDateTimeEdit::stepEnabled() const
vfunc[59]:	QDateTimeEdit::dateTimeFromText(QString const&) const
vfunc[60]:	QDateTimeEdit::textFromDateTime(QDateTime const&) const

The Run Time Type Information for the QTimeEdit class is described by Table 17-281

Table 17-281 typeinfo for QTimeEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTimeEdit
basetype:	typeinfo for QDateTimeEdit

17.4.12.3 Class data for QDateEdit

The virtual table for the QDateEdit class is described by Table 17-282

Table 17-282 Primary vtable for QDateEdit

Base Offset	0
Virtual Base Offset	0

RTTI	typeinfo for QDateEdit
vfunc[0]:	QDateEdit::metaObject() const
vfunc[1]:	QDateEdit::qt_metacast(char const*)
vfunc[2]:	QDateEdit::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QDateEdit::~QDateEdit()
vfunc[4]:	NULL or QDateEdit::~QDateEdit()
vfunc[5]:	QDateTimeEdit::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractSpinBox::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QDateTimeEdit::sizeHint() const
vfunc[15]:	QAbstractSpinBox::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractSpinBox::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractSpinBox::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractSpinBox::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QDateTimeEdit::wheelEvent(QWheelEvent*)
vfunc[23]:	QDateTimeEdit::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractSpinBox::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QDateTimeEdit::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractSpinBox::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)

© 2008 Linux Foundation

vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QAbstractSpinBox::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractSpinBox::resizeEvent(QResizeEvent*)
vfunc[32]:	QAbstractSpinBox::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractSpinBox::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QAbstractSpinBox::showEvent(QShowEvent*)
vfunc[41]:	QAbstractSpinBox::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractSpinBox::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QDateTimeEdit::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)

vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDateTimeEdit::validate(QString&, int&) const
vfunc[55]:	QDateTimeEdit::fixup(QString&) const
vfunc[56]:	QDateTimeEdit::stepBy(int)
vfunc[57]:	QDateTimeEdit::clear()
vfunc[58]:	QDateTimeEdit::stepEnabled() const
vfunc[59]:	QDateTimeEdit::dateTimeFromText(QString const&) const
vfunc[60]:	QDateTimeEdit::textFromDateTime(QDateTime const&) const

The Run Time Type Information for the QDateEdit class is described by Table 17-283

Table 17-283 typeinfo for QDateEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDateEdit
basetype:	typeinfo for QDateTimeEdit

17.4.12.4 Interfaces for Qt4 Date and Time

An LSB conforming implementation shall provide the generic functions for Qt4 Date and Time specified in Table 17-284, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-284 libQtGui - Qt4 Date and Time Function Interfaces

_ZN13QDateTimeEdit10paintEventEP11QPaintEvent [QtXml]	_ZN13QDateTimeEdit10wheelEventEP11QWheelEvent [QtGui]
_ZN13QDateTimeEdit11dateChangedERK5QDate [QtGui]	_ZN13QDateTimeEdit11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN13QDateTimeEdit11qt_metacastEPKc [QtGui]	_ZN13QDateTimeEdit11setDateTimeERK9QDateTime [QtGui]
_ZN13QDateTimeEdit11timeChangedERK5QTime [QtGui]	_ZN13QDateTimeEdit12focusInEventEP11QFocusEvent [QtGui]
ZN13QDateTimeEdit12setDateRangeERK5QDateS2 [QtGui]	_ZN13QDateTimeEdit12setTimeRangeERK5QTimeS2_ [QtGui]
_ZN13QDateTimeEdit13keyPressEventEP9QKeyEvent [QtGui]	_ZN13QDateTimeEdit14setMaximumDateERK5QDate [QtGui]
_ZN13QDateTimeEdit14setMaximumTimeERK5QTime [QtGui]	_ZN13QDateTimeEdit14setMinimumDateERK5QDate [QtGui]
_ZN13QDateTimeEdit14setMinimumTimeERK5QTime [QtGui]	_ZN13QDateTimeEdit15dateTimeChangedERK9QDateTime [QtGui]
_ZN13QDateTimeEdit15mousePressEventEP11QMouseEvent [QtXml]	_ZN13QDateTimeEdit16clearMaximumDateEv [QtGui]

_ZN13QDateTimeEdit16clearMaximumTimeEv [QtGui]	_ZN13QDateTimeEdit16clearMinimumDateEv [QtGui]
_ZN13QDateTimeEdit16clearMinimumTimeEv [QtGui]	_ZN13QDateTimeEdit16setCalendarPopupEb [QtXml]
_ZN13QDateTimeEdit16setDisplayFormatERK7QString [QtGui]	_ZN13QDateTimeEdit17setCurrentSectionENS_7SectionE [QtGui]
_ZN13QDateTimeEdit18focusNextPrevChildEb [QtGui]	_ZN13QDateTimeEdit18setSelectedSectionENS_7SectionE [QtXml]
_ZN13QDateTimeEdit5clearEv [QtGui]	_ZN13QDateTimeEdit5eventEP6QEvent [QtGui]
_ZN13QDateTimeEdit6stepByEi [QtGui]	_ZN13QDateTimeEdit7setDateERK5QDate [QtGui]
_ZN13QDateTimeEdit7setTimeERK5QTime [QtGui]	_ZN13QDateTimeEditC1EP7QWidget [QtGui]
_ZN13QDateTimeEditC1ERK5QDateP7QWidget [QtGui]	_ZN13QDateTimeEditC1ERK5QTimeP7QWidget [QtGui]
_ZN13QDateTimeEditC1ERK9QDateTimeP7QWidget [QtGui]	_ZN13QDateTimeEditC2EP7QWidget [QtGui]
_ZN13QDateTimeEditC2ERK5QDateP7QWidget [QtGui]	_ZN13QDateTimeEditC2ERK5QTimeP7QWidget [QtGui]
_ZN13QDateTimeEditC2ERK9QDateTimeP7QWidget [QtGui]	_ZN9QDateEdit11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN9QDateEdit11qt_metacastEPKc [QtGui]	_ZN9QDateEditC1EP7QWidget [QtGui]
_ZN9QDateEditC1ERK5QDateP7QWidget [QtGui]	_ZN9QDateEditC2EP7QWidget [QtGui]
_ZN9QDateEditC2ERK5QDateP7QWidget [QtGui]	_ZN9QTimeEdit11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN9QTimeEdit11qt_metacastEPKc [QtGui]	_ZN9QTimeEditC1EP7QWidget [QtGui]
_ZN9QTimeEditC1ERK5QTimeP7QWidget [QtGui]	_ZN9QTimeEditC2EP7QWidget [QtGui]
_ZN9QTimeEditC2ERK5QTimeP7QWidget [QtGui]	_ZNK13QDateTimeEdit10metaObjectEv [QtGui]
_ZNK13QDateTimeEdit11maximumDateEv [QtGui]	_ZNK13QDateTimeEdit11maximumTimeEv [QtGui]
_ZNK13QDateTimeEdit11minimumDateEv [QtGui]	_ZNK13QDateTimeEdit11minimumTimeEv [QtGui]
_ZNK13QDateTimeEdit11sectionTextENS_7SectionE [QtGui]	_ZNK13QDateTimeEdit11stepEnabledEv [QtGui]
_ZNK13QDateTimeEdit13calendarPopupEv [QtXml]	_ZNK13QDateTimeEdit13displayFormatEv [QtGui]
_ZNK13QDateTimeEdit14currentSectionEv [QtGui]	_ZNK13QDateTimeEdit16dateTimeFromTextERK7QString [QtGui]
_ZNK13QDateTimeEdit16textFromDateTimeERK9QDateTime [QtGui]	_ZNK13QDateTimeEdit17displayedSectionsEv [QtGui]

_ZNK13QDateTimeEdit4dateEv [QtGui]	_ZNK13QDateTimeEdit4timeEv [QtGui]
_ZNK13QDateTimeEdit5fixupER7QString [QtGui]	_ZNK13QDateTimeEdit8dateTimeEv [QtGui]
_ZNK13QDateTimeEdit8sizeHintEv [QtGui]	_ZNK13QDateTimeEdit8validateER7QStringRi [QtGui]
_ZNK9QDateEdit10metaObjectEv [QtGui]	_ZNK9QTimeEdit10metaObjectEv [QtGui]

17.4.13 Qt4 Miscellaneous

17.4.13.1 Class data for QRubberBand

The virtual table for the QRubberBand class is described by Table 17-285

Table 17-285 Primary vtable for QRubberBand

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QRubberBand
vfunc[0]:	QRubberBand::metaObject() const
vfunc[1]:	QRubberBand::qt_metacast(char const*)
vfunc[2]:	QRubberBand::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QRubberBand::~QRubberBand()
vfunc[4]:	QRubberBand::~QRubberBand()
vfunc[5]:	QRubberBand::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)

vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QRubberBand::paintEvent(QPaintEvent*)
vfunc[30]:	QRubberBand::moveEvent(QMoveEvent*)
vfunc[31]:	QRubberBand::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QRubberBand::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QRubberBand::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInpu

	tMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QRubberBand class is described by Table 17-286

Table 17-286 typeinfo for QRubberBand

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QRubberBand
basetype:	typeinfo for QWidget

17.4.13.2 Class data for QShortcut

The virtual table for the QShortcut class is described by Table 17-287

Table 17-287 Primary vtable for QShortcut

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QShortcut
vfunc[0]:	QShortcut::metaObject() const
vfunc[1]:	QShortcut::qt_metacast(char const*)
vfunc[2]:	QShortcut::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QShortcut::~QShortcut()
vfunc[4]:	QShortcut::~QShortcut()
vfunc[5]:	QShortcut::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char

	const*)

The Run Time Type Information for the QShortcut class is described by Table 17-288

Table 17-288 typeinfo for QShortcut

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QShortcut
basetype:	typeinfo for QObject

17.4.13.3 Class data for QSplashScreen

The virtual table for the QSplashScreen class is described by Table 17-289

Table 17-289 Primary vtable for QSplashScreen

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSplashScreen
vfunc[0]:	QSplashScreen::metaObject() const
vfunc[1]:	QSplashScreen::qt_metacast(char const*)
vfunc[2]:	QSplashScreen::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSplashScreen::~QSplashScreen()
vfunc[4]:	QSplashScreen::~QSplashScreen()
vfunc[5]:	QSplashScreen::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QSplashScreen::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)

vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::In

	putMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QSplashScreen::drawContents(QPainter*)

The Run Time Type Information for the QSplashScreen class is described by Table 17-290

Table 17-290 typeinfo for QSplashScreen

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSplashScreen
basetype:	typeinfo for QWidget

17.4.13.4 Class data for QUndoCommand

The virtual table for the QUndoCommand class is described by Table 17-291

Table 17-291 Primary vtable for QUndoCommand

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QUndoCommand
vfunc[0]:	QUndoCommand::~QUndoCommand()
vfunc[1]:	QUndoCommand::~QUndoCommand()
vfunc[2]:	QUndoCommand::undo()
vfunc[3]:	QUndoCommand::redo()
vfunc[4]:	QUndoCommand::id() const
vfunc[5]:	QUndoCommand::mergeWith(QUndoCommand const*)

17.4.13.5 Class data for QUndoStack

The virtual table for the QUndoStack class is described by Table 17-292

Table 17-292 Primary vtable for QUndoStack

Base Offset	0

Virtual Base Offset	0
RTTI	typeinfo for QUndoStack
vfunc[0]:	QUndoStack::metaObject() const
vfunc[1]:	QUndoStack::qt_metacast(char const*)
vfunc[2]:	QUndoStack::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QUndoStack::~QUndoStack()
vfunc[4]:	QUndoStack::~QUndoStack()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

17.4.13.6 Interfaces for Qt4 Miscellaneous

An LSB conforming implementation shall provide the generic functions for Qt4 Miscellaneous specified in Table 17-293, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-293 libQtGui - Qt4 Miscellaneous Function Interfaces

_ZN10QUndoGroup11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]	_ZN10QUndoGroup11qt_metacastEPKc [QtXml]
_ZN10QUndoGroup11removeStackEP10QUndoStack [QtXml]	_ZN10QUndoGroup12cleanChangedEb [QtXml]
_ZN10QUndoGroup12indexChangedEi [QtXml]	_ZN10QUndoGroup14canRedoChangedEb [QtXml]
_ZN10QUndoGroup14canUndoChangedEb [QtXml]	_ZN10QUndoGroup14setActiveStackEP10QUndoStack [QtXml]
_ZN10QUndoGroup15redoTextChangedERK7QString [QtXml]	_ZN10QUndoGroup15undoTextChangedERK7QString [QtXml]
_ZN10QUndoGroup18activeStackChangedEP10QUndoStack [QtXml]	_ZN10QUndoGroup4redoEv [QtXml]
_ZN10QUndoGroup4undoEv [QtXml]	_ZN10QUndoGroup8addStackEP10QUndoStack [QtXml]
_ZN10QUndoGroupC1EP7QObject [QtXml]	_ZN10QUndoGroupC2EP7QObject [QtXml]
_ZN10QUndoStack10beginMacroERK7QString [QtXml]	_ZN10QUndoStack11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN10QUndoStack11qt_metacastEP	_ZN10QUndoStack12cleanChanged

Kc [QtXml]	Eb [QtXml]
_ZN10QUndoStack12indexChangedEi [QtXml]	_ZN10QUndoStack14canRedoChangedEb [QtXml]
_ZN10QUndoStack14canUndoChangedEb [QtXml]	_ZN10QUndoStack15redoTextChangedERK7QString [QtXml]
_ZN10QUndoStack15undoTextChangedERK7QString [QtXml]	_ZN10QUndoStack4pushEP12QUndoCommand [QtXml]
_ZN10QUndoStack4redoEv [QtXml]	_ZN10QUndoStack4undoEv [QtXml]
_ZN10QUndoStack5clearEv [QtXml]	_ZN10QUndoStack8endMacroEv [QtXml]
_ZN10QUndoStack8setCleanEv [QtXml]	_ZN10QUndoStack8setIndexEi [QtXml]
_ZN10QUndoStack9setActiveEb [QtXml]	_ZN10QUndoStackC1EP7QObject [QtXml]
_ZN10QUndoStackC2EP7QObject [QtXml]	_ZN10QUndoStackD0Ev [QtXml]
_ZN10QUndoStackD1Ev [QtXml]	_ZN10QUndoStackD2Ev [QtXml]
_ZN11QRubberBand10paintEventEP11QPaintEvent [QtGui]	_ZN11QRubberBand11changeEventEP6QEvent [QtGui]
_ZN11QRubberBand11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN11QRubberBand11qt_metacastEPKc [QtGui]
_ZN11QRubberBand11resizeEventEP12QResizeEvent [QtGui]	_ZN11QRubberBand11setGeometryERK5QRect [QtGui]
_ZN11QRubberBand5eventEP6QEvent [QtGui]	_ZN11QRubberBand9moveEventEP10QMoveEvent [QtGui]
_ZN11QRubberBand9showEventEP10QShowEvent [QtGui]	_ZN11QRubberBandC1ENS_5ShapeEP7QWidget [QtGui]
_ZN11QRubberBandC2ENS_5ShapeEP7QWidget [QtGui]	_ZN11QRubberBandD0Ev [QtGui]
_ZN11QRubberBandD1Ev [QtGui]	_ZN11QRubberBandD2Ev [QtGui]
_ZN12QKeySequence10fromStringERK7QStringNS_14SequenceFormatE [QtGui]	_ZN12QKeySequence11keyBindingsENS_11StandardKeyE [QtXml]
_ZN12QKeySequence8mnemonicERK7QString [QtGui]	_ZN12QKeySequenceC1ENS_11StandardKeyE [QtXml]
_ZN12QKeySequenceC1ERK7QString [QtGui]	_ZN12QKeySequenceC1ERKS_ [QtGui]
_ZN12QKeySequenceC1Eiiii [QtGui]	_ZN12QKeySequenceC1Ev [QtGui]
_ZN12QKeySequenceC2ENS_11StandardKeyE [QtXml]	_ZN12QKeySequenceC2ERK7QString [QtGui]
ZN12QKeySequenceC2ERKS [QtGui]	_ZN12QKeySequenceC2Eiiii [QtGui]
_ZN12QKeySequenceC2Ev [QtGui]	_ZN12QKeySequenceD1Ev [QtGui]
_ZN12QKeySequenceD2Ev [QtGui]	_ZN12QKeySequenceaSERKS_

	[QtGui]
_ZN12QUndoCommand4redoEv [QtXml]	_ZN12QUndoCommand4undoEv [QtXml]
_ZN12QUndoCommand7setTextERK7QString [QtXml]	_ZN12QUndoCommand9mergeWithEPKS_ [QtXml]
ZN12QUndoCommandC1EPS [QtXml]	_ZN12QUndoCommandC1ERK7QStringPS_ [QtXml]
ZN12QUndoCommandC2EPS [QtXml]	_ZN12QUndoCommandC2ERK7QStringPS_ [QtXml]
_ZN12QUndoCommandD0Ev [QtXml]	_ZN12QUndoCommandD1Ev [QtXml]
_ZN12QUndoCommandD2Ev [QtXml]	_ZN13QSplashScreen11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN13QSplashScreen11qt_metacastEPKc [QtGui]	_ZN13QSplashScreen11showMessageERK7QStringiRK6QColor [QtGui]
_ZN13QSplashScreen12clearMessageEv [QtGui]	_ZN13QSplashScreen12drawContentsEP8QPainter [QtGui]
_ZN13QSplashScreen14messageChangedERK7QString [QtGui]	_ZN13QSplashScreen15mousePressEventEP11QMouseEvent [QtGui]
_ZN13QSplashScreen5eventEP6QEvent [QtGui]	_ZN13QSplashScreen6finishEP7QWidget [QtGui]
_ZN13QSplashScreen7repaintEv [QtGui]	_ZN13QSplashScreen9setPixmapERK7QPixmap [QtGui]
_ZN13QSplashScreenC1EP7QWidgetRK7QPixmap6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN13QSplashScreenC1ERK7QPixmap6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN13QSplashScreenC2EP7QWidgetRK7QPixmap6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN13QSplashScreenC2ERK7QPixmap6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN13QSplashScreenD0Ev [QtGui]	_ZN13QSplashScreenD1Ev [QtGui]
_ZN13QSplashScreenD2Ev [QtGui]	_ZN7QCursor3posEv [QtGui]
_ZN7QCursor6setPosEii [QtGui]	_ZN7QCursor8setShapeEN2Qt11CursorShapeE [QtGui]
_ZN7QCursor9x11ScreenEv [QtGui]	_ZN7QCursorC1EN2Qt11CursorShapeE [QtGui]
_ZN7QCursorC1ERK7QBitmapS2_ii [QtGui]	_ZN7QCursorC1ERK7QPixmapii [QtGui]
ZN7QCursorC1ERKS [QtGui]	_ZN7QCursorC1Em [QtGui]
_ZN7QCursorC1Ev [QtGui]	_ZN7QCursorC2EN2Qt11CursorShapeE [QtGui]
_ZN7QCursorC2ERK7QBitmapS2_ii [QtGui]	_ZN7QCursorC2ERK7QPixmapii [QtGui]
ZN7QCursorC2ERKS [QtGui]	_ZN7QCursorC2Em [QtGui]
_ZN7QCursorC2Ev [QtGui]	_ZN7QCursorD1Ev [QtGui]
_ZN7QCursorD2Ev [QtGui]	_ZN7QCursoraSERKS_ [QtGui]

_ZN9QShortcut10setContextEN2Qt15ShortcutContextE [QtGui]	_ZN9QShortcut10setEnabledEb [QtGui]
_ZN9QShortcut11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN9QShortcut11qt_metacastEPKc [QtGui]
_ZN9QShortcut12setWhatsThisERK7QString [QtGui]	_ZN9QShortcut13setAutoRepeatEb [QtXml]
_ZN9QShortcut20activatedAmbiguouslyEv [QtGui]	_ZN9QShortcut5eventEP6QEvent [QtGui]
_ZN9QShortcut6setKeyERK12QKeySequence [QtGui]	_ZN9QShortcut7contextEv [QtGui]
_ZN9QShortcut9activatedEv [QtGui]	_ZN9QShortcutC1EP7QWidget [QtGui]
_ZN9QShortcutC1ERK12QKeySequenceP7QWidgetPKcS6_N2Qt15ShortcutContextE [QtGui]	_ZN9QShortcutC2EP7QWidget [QtGui]
_ZN9QShortcutC2ERK12QKeySequenceP7QWidgetPKcS6_N2Qt15ShortcutContextE [QtGui]	_ZN9QShortcutD0Ev [QtGui]
_ZN9QShortcutD1Ev [QtGui]	_ZN9QShortcutD2Ev [QtGui]
_ZN9QUndoView11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]	_ZN9QUndoView11qt_metacastEPKc [QtXml]
_ZN9QUndoView12setCleanIconERK5QIcon [QtXml]	_ZN9QUndoView13setEmptyLabelERK7QString [QtXml]
_ZN9QUndoView8setGroupEP10QUndoGroup [QtXml]	_ZN9QUndoView8setStackEP10QUndoStack [QtXml]
_ZN9QUndoViewC1EP10QUndoGroupP7QWidget [QtXml]	_ZN9QUndoViewC1EP10QUndoStackP7QWidget [QtXml]
_ZN9QUndoViewC1EP7QWidget [QtXml]	_ZN9QUndoViewC2EP10QUndoGroupP7QWidget [QtXml]
_ZN9QUndoViewC2EP10QUndoStackP7QWidget [QtXml]	_ZN9QUndoViewC2EP7QWidget [QtXml]
_ZN9QUndoViewD0Ev [QtXml]	_ZN9QUndoViewD1Ev [QtXml]
_ZN9QUndoViewD2Ev [QtXml]	_ZNK10QUndoGroup10metaObjectEv [QtXml]
_ZNK10QUndoGroup11activeStackEv [QtXml]	_ZNK10QUndoGroup16createRedoActionEP7QObjectRK7QString [QtXml]
_ZNK10QUndoGroup16createUndoActionEP7QObjectRK7QString [QtXml]	_ZNK10QUndoGroup6stacksEv [QtXml]
_ZNK10QUndoGroup7canRedoEv [QtXml]	_ZNK10QUndoGroup7canUndoEv [QtXml]
_ZNK10QUndoGroup7isCleanEv [QtXml]	_ZNK10QUndoGroup8redoTextEv [QtXml]
_ZNK10QUndoGroup8undoTextEv [QtXml]	_ZNK10QUndoStack10cleanIndexEv [QtXml]

_ZNK10QUndoStack10metaObjectEv [QtXml]	_ZNK10QUndoStack16createRedoActionEP7QObjectRK7QString [QtXml]
_ZNK10QUndoStack16createUndoActionEP7QObjectRK7QString [QtXml]	_ZNK10QUndoStack4textEi [QtXml]
_ZNK10QUndoStack5countEv [QtXml]	_ZNK10QUndoStack5indexEv [QtXml]
_ZNK10QUndoStack7canRedoEv [QtXml]	_ZNK10QUndoStack7canUndoEv [QtXml]
_ZNK10QUndoStack7isCleanEv [QtXml]	_ZNK10QUndoStack8isActiveEv [QtXml]
_ZNK10QUndoStack8redoTextEv [QtXml]	_ZNK10QUndoStack8undoTextEv [QtXml]
_ZNK11QRubberBand10metaObjectEv [QtGui]	_ZNK11QRubberBand5shapeEv [QtGui]
_ZNK12QKeySequence10isDetachedEv [QtGui]	_ZNK12QKeySequence5countEv [QtGui]
_ZNK12QKeySequence7isEmptyEv [QtGui]	_ZNK12QKeySequence7matchesERKS_ [QtGui]
_ZNK12QKeySequence8toStringENS_14SequenceFormatE [QtGui]	_ZNK12QKeySequencecv7QStringEv [QtGui]
_ZNK12QKeySequencecv8QVariantEv [QtGui]	_ZNK12QKeySequencecviEv [QtGui]
ZNK12QKeySequenceeqERKS [QtGui]	_ZNK12QKeySequenceixEj [QtGui]
ZNK12QKeySequenceltERKS [QtGui]	_ZNK12QUndoCommand2idEv [QtXml]
_ZNK12QUndoCommand4textEv [QtXml]	_ZNK13QSplashScreen10metaObjectEv [QtGui]
_ZNK13QSplashScreen6pixmapEv [QtGui]	_ZNK7QCursor4maskEv [QtGui]
_ZNK7QCursor5shapeEv [QtGui]	_ZNK7QCursor6bitmapEv [QtGui]
_ZNK7QCursor6handleEv [QtGui]	_ZNK7QCursor6pixmapEv [QtGui]
_ZNK7QCursor7hotSpotEv [QtGui]	_ZNK7QCursorcv8QVariantEv [QtGui]
_ZNK9QShortcut10autoRepeatEv [QtXml]	_ZNK9QShortcut10metaObjectEv [QtGui]
_ZNK9QShortcut2idEv [QtGui]	_ZNK9QShortcut3keyEv [QtGui]
_ZNK9QShortcut9isEnabledEv [QtGui]	_ZNK9QShortcut9whatsThisEv [QtGui]
_ZNK9QUndoView10emptyLabelEv [QtXml]	_ZNK9QUndoView10metaObjectEv [QtXml]
_ZNK9QUndoView5groupEv [QtXml]	_ZNK9QUndoView5stackEv [QtXml]

_ZNK9QUndoView9cleanIconEv [QtXml]	_Zls6QDebugRK12QKeySequence [QtGui]
_ZlsR11QDataStreamRK12QKeySequence [QtGui]	_ZlsR11QDataStreamRK7QCursor [QtGui]
_ZrsR11QDataStreamR12QKeySequence [QtGui]	_ZrsR11QDataStreamR7QCursor [QtGui]

17.4.14 Qt4 Paint Device

17.4.14.1 Class data for QPaintDevice

The virtual table for the QPaintDevice class is described by Table 17-294

Table 17-294 Primary vtable for QPaintDevice

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPaintDevice
vfunc[0]:	QPaintDevice::~QPaintDevice()
vfunc[1]:	QPaintDevice::~QPaintDevice()
vfunc[2]:	NULL or QPaintDevice::devType() const
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	QPaintDevice::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QPaintDevice class is described by Table 17-295

Table 17-295 typeinfo for QPaintDevice

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QPaintDevice

17.4.14.2 Class data for QPixmap

The virtual table for the QPixmap class is described by Table 17-296

Table 17-296 Primary vtable for QPixmap

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPixmap
vfunc[0]:	QPixmap::~QPixmap()
vfunc[1]:	QPixmap::~QPixmap()
vfunc[2]:	QPixmap::devType() const
vfunc[3]:	QPixmap::paintEngine() const
vfunc[4]:	QPixmap::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QPixmap class is described by Table 17-297

Table 17-297 typeinfo for QPixmap

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPixmap
basetype:	typeinfo for QPaintDevice

17.4.14.3 Class data for QPicture

The virtual table for the QPicture class is described by Table 17-298

Table 17-298 Primary vtable for QPicture

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPicture
vfunc[0]:	QPicture::~QPicture()
vfunc[1]:	QPicture::~QPicture()
vfunc[2]:	QPicture::devType() const
vfunc[3]:	QPicture::paintEngine() const
vfunc[4]:	QPicture::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[5]:	QPicture::setData(char const*, unsigned int)

The Run Time Type Information for the QPicture class is described by Table 17-299

Table 17-299 typeinfo for QPicture

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPicture
basetype:	typeinfo for QPaintDevice

17.4.14.4 Class data for QBitmap

The virtual table for the QBitmap class is described by Table 17-300

Table 17-300 Primary vtable for QBitmap

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QBitmap
vfunc[0]:	QBitmap::~QBitmap()
vfunc[1]:	QBitmap::~QBitmap()
vfunc[2]:	QPixmap::devType() const
vfunc[3]:	QPixmap::paintEngine() const
vfunc[4]:	QPixmap::metric(QPaintDevice::Pain

	tDeviceMetric) const

The Run Time Type Information for the QBitmap class is described by Table 17-301

Table 17-301 typeinfo for QBitmap

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QBitmap
basetype:	typeinfo for QPixmap

17.4.14.5 Class data for QPictureFormatInterface

The virtual table for the QPictureFormatInterface class is described by Table 17-302

Table 17-302 Primary vtable for QPictureFormatInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPictureFormatInterface
vfunc[0]:	NULL or QPictureFormatInterface::~QPictureFormatInterface()
vfunc[1]:	NULL or QPictureFormatInterface::~QPictureFormatInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual

The Run Time Type Information for the QPictureFormatInterface class is described by Table 17-303

Table 17-303 typeinfo for QPictureFormatInterface

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPictureFormatInterface
basetype:	typeinfo for QFactoryInterface

17.4.14.6 Class data for QPrinter

The virtual table for the QPrinter class is described by Table 17-304

Table 17-304 Primary vtable for QPrinter

Base Offset	0
Virtual Base Offset	0

RTTI	typeinfo for QPrinter
vfunc[0]:	QPrinter::~QPrinter()
vfunc[1]:	QPrinter::~QPrinter()
vfunc[2]:	QPrinter::devType() const
vfunc[3]:	QPrinter::paintEngine() const
vfunc[4]:	QPrinter::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QPrinter class is described by Table 17-305

Table 17-305 typeinfo for QPrinter

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPrinter
basetype:	typeinfo for QPaintDevice

17.4.14.7 Class data for QPrintEngine

The virtual table for the QPrintEngine class is described by Table 17-306

Table 17-306 Primary vtable for QPrintEngine

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPrintEngine
vfunc[0]:	NULL or QPrintEngine::~QPrintEngine()
vfunc[1]:	NULL or QPrintEngine::~QPrintEngine()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual

The Run Time Type Information for the QPrintEngine class is described by Table 17-307

Table 17-307 typeinfo for QPrintEngine

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QPrintEngine

17.4.14.8 Interfaces for Qt4 Paint Device

An LSB conforming implementation shall provide the generic functions for Qt4 Paint Device specified in Table 17-308, with the full mandatory functionality as

described in the referenced underlying specification.

Table 17-308 libQtGui - Qt4 Paint Device Function Interfaces

_ZN10QPictureIO10setPictureERK8QPicture [QtGui]	_ZN10QPictureIO10setQualityEi [QtGui]
_ZN10QPictureIO11setFileNameERK7QString [QtGui]	_ZN10QPictureIO11setIODeviceEP9QIODevice [QtGui]
_ZN10QPictureIO12inputFormatsEv [QtGui]	_ZN10QPictureIO13outputFormatsEv [QtGui]
_ZN10QPictureIO13pictureFormatEP9QIODevice [QtGui]	_ZN10QPictureIO13pictureFormatERK7QString [QtGui]
_ZN10QPictureIO13setParametersEPKc [QtGui]	_ZN10QPictureIO14setDescriptionERK7QString [QtGui]
_ZN10QPictureIO15defineIOHandlerEPKcS1_S1_PFvPS_ES4_ [QtGui]	_ZN10QPictureIO4readEv [QtGui]
_ZN10QPictureIO5writeEv [QtGui]	_ZN10QPictureIO8setGammaEf [QtGui]
_ZN10QPictureIO9setFormatEPKc [QtGui]	_ZN10QPictureIO9setStatusEi [QtGui]
_ZN10QPictureIOC1EP9QIODevicePKc [QtGui]	_ZN10QPictureIOC1ERK7QStringPKc [QtGui]
_ZN10QPictureIOC1Ev [QtGui]	_ZN10QPictureIOC2EP9QIODevicePKc [QtGui]
_ZN10QPictureIOC2ERK7QStringPKc [QtGui]	_ZN10QPictureIOC2Ev [QtGui]
_ZN10QPictureIOD1Ev [QtGui]	_ZN10QPictureIOD2Ev [QtGui]
_ZN12QPaintDevice10x11AppDpiXEi [QtGui]	_ZN12QPaintDevice10x11AppDpiYEi [QtGui]
_ZN12QPaintDevice11x11AppCellsEi [QtGui]	_ZN12QPaintDevice11x11AppDepthEi [QtGui]
_ZN12QPaintDevice12x11AppScreenEv [QtGui]	_ZN12QPaintDevice12x11AppVisualEi [QtGui]
_ZN12QPaintDevice13x11AppDisplayEv [QtGui]	_ZN12QPaintDevice13x11SetAppDpiXEii [QtGui]
_ZN12QPaintDevice13x11SetAppDpiYEii [QtGui]	_ZN12QPaintDevice14x11AppColormapEi [QtGui]
_ZN12QPaintDevice16x11AppRootWindowEi [QtGui]	_ZN12QPaintDevice19x11AppDefaultVisualEi [QtGui]
_ZN12QPaintDevice21x11AppDefaultColormapEi [QtGui]	_ZN12QPaintDeviceC1Ev [QtGui]
_ZN12QPaintDeviceC2Ev [QtGui]	_ZN12QPaintDeviceD0Ev [QtGui]
_ZN12QPaintDeviceD1Ev [QtGui]	_ZN12QPaintDeviceD2Ev [QtGui]
_ZN12QPixmapCache10cacheLimitEv [QtGui]	_ZN12QPixmapCache13setCacheLimitEi [QtGui]
_ZN12QPixmapCache4findERK7QString [QtGui]	_ZN12QPixmapCache4findERK7QStringR7QPixmap [QtGui]

_ZN12QPixmapCache5clearEv [QtGui]	_ZN12QPixmapCache6insertERK7QStringRK7QPixmap [QtGui]
_ZN12QPixmapCache6removeERK7QString [QtGui]	_ZN7QBitmap8fromDataERK5QSizePKhN6QImage6FormatE [QtGui]
_ZN7QBitmap9fromImageERK6QImage6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]	_ZN7QBitmapC1ERK5QSize [QtGui]
_ZN7QBitmapC1ERK5QSizePKhb [QtGui]	_ZN7QBitmapC1ERK7QPixmap [QtGui]
_ZN7QBitmapC1ERK7QStringPKc [QtGui]	_ZN7QBitmapC1Eii [QtGui]
_ZN7QBitmapC1EiiPKhb [QtGui]	_ZN7QBitmapC1Ev [QtGui]
_ZN7QBitmapC2ERK5QSize [QtGui]	_ZN7QBitmapC2ERK5QSizePKhb [QtGui]
_ZN7QBitmapC2ERK7QPixmap [QtGui]	_ZN7QBitmapC2ERK7QStringPKc [QtGui]
_ZN7QBitmapC2Eii [QtGui]	_ZN7QBitmapC2EiiPKhb [QtGui]
_ZN7QBitmapC2Ev [QtGui]	_ZN7QBitmapD0Ev [QtGui]
_ZN7QBitmapD1Ev [QtGui]	_ZN7QBitmapD2Ev [QtGui]
_ZN7QBitmapaSERK7QPixmap [QtGui]	_ZN7QPixmap10grabWidgetEP7QWidgetRK5QRect [QtGui]
_ZN7QPixmap10grabWindowEmiiii [QtGui]	_ZN7QPixmap10trueMatrixERK7QMatrixii [QtGui]
_ZN7QPixmap12defaultDepthEv [QtGui]	_ZN7QPixmap12loadFromDataEPKhjPKc6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]
_ZN7QPixmap12loadFromDataEPKhjPKcNS_9ColorModeE [QtGui]	_ZN7QPixmap12x11SetScreenEi [QtGui]
ZN7QPixmap15setAlphaChannelERKS [QtGui]	_ZN7QPixmap16convertFromImageERK6QImageNS_9ColorModeE [QtGui]
_ZN7QPixmap19x11SetDefaultScreenEi [QtGui]	_ZN7QPixmap4fillEPK7QWidgetRK6QPoint [QtGui]
_ZN7QPixmap4fillERK6QColor [QtGui]	_ZN7QPixmap4loadERK7QStringPKc6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]
_ZN7QPixmap4loadERK7QStringPKcNS_9ColorModeE [QtGui]	_ZN7QPixmap6detachEv [QtGui]
_ZN7QPixmap7setMaskERK7QBitmap [QtGui]	_ZN7QPixmap9fromImageERK6QImage6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]
_ZN7QPixmapC1EPKPKc [QtGui]	_ZN7QPixmapC1ERK5QSize [QtGui]
_ZN7QPixmapC1ERK6QImage [QtGui]	_ZN7QPixmapC1ERK7QStringPKc6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]

_ZN7QPixmapC1ERK7QStringPKcNS_9ColorModeE [QtGui]	_ZN7QPixmapC1ERKS_ [QtGui]
_ZN7QPixmapC1Eii [QtGui]	_ZN7QPixmapC1Ev [QtGui]
_ZN7QPixmapC2EPKPKc [QtGui]	_ZN7QPixmapC2ERK5QSize [QtGui]
_ZN7QPixmapC2ERK6QImage [QtGui]	_ZN7QPixmapC2ERK7QStringPKc6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]
_ZN7QPixmapC2ERK7QStringPKcNS_9ColorModeE [QtGui]	_ZN7QPixmapC2ERKS_ [QtGui]
_ZN7QPixmapC2Eii [QtGui]	_ZN7QPixmapC2Ev [QtGui]
_ZN7QPixmapD0Ev [QtGui]	_ZN7QPixmapD1Ev [QtGui]
_ZN7QPixmapD2Ev [QtGui]	_ZN7QPixmapaSERK6QImage [QtGui]
ZN7QPixmapaSERKS [QtGui]	_ZN8QPicture12inputFormatsEv [QtGui]
_ZN8QPicture13outputFormatsEv [QtGui]	_ZN8QPicture13pictureFormatERK7QString [QtGui]
_ZN8QPicture15inputFormatListEv [QtGui]	_ZN8QPicture15setBoundingRectERK5QRect [QtGui]
_ZN8QPicture16outputFormatListEv [QtGui]	_ZN8QPicture4loadEP9QIODevicePKc [QtGui]
_ZN8QPicture4loadERK7QStringPKc [QtGui]	_ZN8QPicture4playEP8QPainter [QtGui]
_ZN8QPicture4saveEP9QIODevicePKc [QtGui]	_ZN8QPicture4saveERK7QStringPKc [QtGui]
_ZN8QPicture6detachEv [QtGui]	_ZN8QPicture7setDataEPKcj [QtGui]
ZN8QPictureC1ERKS [QtGui]	_ZN8QPictureC1Ei [QtGui]
ZN8QPictureC2ERKS [QtGui]	_ZN8QPictureC2Ei [QtGui]
_ZN8QPictureD0Ev [QtGui]	_ZN8QPictureD1Ev [QtGui]
_ZN8QPictureD2Ev [QtGui]	_ZN8QPictureaSERKS_ [QtGui]
_ZN8QPrinter10setCreatorERK7QString [QtGui]	_ZN8QPrinter10setDocNameERK7QString [QtGui]
_ZN8QPrinter10setEnginesEP12QPrintEngineP12QPaintEngine [QtGui]	_ZN8QPrinter11setFullPageEb [QtGui]
_ZN8QPrinter11setPageSizeENS_8PageSizeE [QtGui]	_ZN8QPrinter12setColorModeENS_9ColorModeE [QtGui]
_ZN8QPrinter12setNumCopiesEi [QtGui]	_ZN8QPrinter12setPageOrderENS_9PageOrderE [QtGui]
_ZN8QPrinter13setPrintRangeENS_10PrintRangeE [QtGui]	_ZN8QPrinter13setResolutionEi [QtGui]
_ZN8QPrinter14setOrientationENS_11OrientationE [QtGui]	_ZN8QPrinter14setPaperSourceENS_11PaperSourceE [QtGui]
_ZN8QPrinter14setPrinterNameERK	_ZN8QPrinter15setOutputFormatEN

7QString [QtGui]	S_12OutputFormatE [QtGui]
_ZN8QPrinter15setOutputToFileEb [QtGui]	_ZN8QPrinter15setPrintProgramERK7QString [QtGui]
_ZN8QPrinter16setCollateCopiesEb [QtGui]	_ZN8QPrinter16setOptionEnabledENS_13PrinterOptionEb [QtGui]
_ZN8QPrinter17setOutputFileNameERK7QString [QtGui]	_ZN8QPrinter22setDoubleSidedPrintingEb [QtXml]
_ZN8QPrinter23setCollateCopiesEnabledEb [QtGui]	_ZN8QPrinter23setFontEmbeddingEnabledEb [QtGui]
_ZN8QPrinter25setPrinterSelectionOptionERK7QString [QtGui]	_ZN8QPrinter5abortEv [QtGui]
_ZN8QPrinter5setupEP7QWidget [QtGui]	_ZN8QPrinter7newPageEv [QtGui]
_ZN8QPrinter9setFromToEii [QtGui]	_ZN8QPrinter9setMinMaxEii [QtGui]
_ZN8QPrinterC1ENS_11PrinterModeE [QtGui]	_ZN8QPrinterC2ENS_11PrinterModeE [QtGui]
_ZN8QPrinterD0Ev [QtGui]	_ZN8QPrinterD1Ev [QtGui]
_ZN8QPrinterD2Ev [QtGui]	_ZNK10QPictureIO10parametersEv [QtGui]
_ZNK10QPictureIO11descriptionEv [QtGui]	_ZNK10QPictureIO5gammaEv [QtGui]
_ZNK10QPictureIO6formatEv [QtGui]	_ZNK10QPictureIO6statusEv [QtGui]
_ZNK10QPictureIO7pictureEv [QtGui]	_ZNK10QPictureIO7qualityEv [QtGui]
_ZNK10QPictureIO8fileNameEv [QtGui]	_ZNK10QPictureIO8ioDeviceEv [QtGui]
_ZNK12QPaintDevice10x11DisplayEv [QtGui]	_ZNK12QPaintDevice11x11ColormapEv [QtGui]
_ZNK12QPaintDevice16x11DefaultVisualEv [QtGui]	_ZNK12QPaintDevice18x11DefaultColormapEv [QtGui]
_ZNK12QPaintDevice6metricENS_17PaintDeviceMetricE [QtGui]	_ZNK12QPaintDevice8x11CellsEv [QtGui]
_ZNK12QPaintDevice8x11DepthEv [QtGui]	_ZNK12QPaintDevice9x11ScreenEv [QtGui]
_ZNK12QPaintDevice9x11VisualEv [QtGui]	_ZNK7QBitmap11transformedERK7QMatrix [QtGui]
_ZNK7QBitmapcv8QVariantEv [QtGui]	_ZNK7QPixmap10isDetachedEv [QtGui]
_ZNK7QPixmap11paintEngineEv [QtGui]	_ZNK7QPixmap11transformedERK7QMatrixN2Qt18TransformationModeE [QtGui]
_ZNK7QPixmap12alphaChannelEv [QtGui]	_ZNK7QPixmap12serialNumberEv [QtGui]

_ZNK7QPixmap13scaledToWidthEiN2Qt18TransformationModeE [QtGui]	_ZNK7QPixmap14scaledToHeightEiN2Qt18TransformationModeE [QtGui]
_ZNK7QPixmap15hasAlphaChannelEv [QtGui]	_ZNK7QPixmap16x11PictureHandleEv [QtGui]
_ZNK7QPixmap19createHeuristicMaskEb [QtGui]	_ZNK7QPixmap19createMaskFromColorERK6QColor [QtGui]
_ZNK7QPixmap4copyERK5QRect [QtGui]	_ZNK7QPixmap4maskEv [QtGui]
_ZNK7QPixmap4rectEv [QtGui]	_ZNK7QPixmap4saveEP9QIODevicePKci [QtGui]
_ZNK7QPixmap4saveERK7QStringPKci [QtGui]	_ZNK7QPixmap4sizeEv [QtGui]
_ZNK7QPixmap5depthEv [QtGui]	_ZNK7QPixmap5widthEv [QtGui]
_ZNK7QPixmap6handleEv [QtGui]	_ZNK7QPixmap6heightEv [QtGui]
_ZNK7QPixmap6isNullEv [QtGui]	_ZNK7QPixmap6metricEN12QPaintDevice17PaintDeviceMetricE [QtGui]
_ZNK7QPixmap6scaledERK5QSizeN2Qt15AspectRatioModeENS3_18TransformationModeE [QtGui]	_ZNK7QPixmap7devTypeEv [QtGui]
_ZNK7QPixmap7toImageEv [QtGui]	_ZNK7QPixmap7x11InfoEv [QtGui]
_ZNK7QPixmap8hasAlphaEv [QtGui]	_ZNK7QPixmapcv8QVariantEv [QtGui]
_ZNK8QPicture10isDetachedEv [QtGui]	_ZNK8QPicture11paintEngineEv [QtGui]
_ZNK8QPicture12boundingRectEv [QtGui]	_ZNK8QPicture4dataEv [QtGui]
_ZNK8QPicture4sizeEv [QtGui]	_ZNK8QPicture6isNullEv [QtGui]
_ZNK8QPicture6metricEN12QPaintDevice17PaintDeviceMetricE [QtGui]	_ZNK8QPicture7devTypeEv [QtGui]
_ZNK8QPrinter10printRangeEv [QtGui]	_ZNK8QPrinter10resolutionEv [QtGui]
_ZNK8QPrinter11orientationEv [QtGui]	_ZNK8QPrinter11paintEngineEv [QtGui]
_ZNK8QPrinter11paperSourceEv [QtGui]	_ZNK8QPrinter11printEngineEv [QtGui]
_ZNK8QPrinter11printerNameEv [QtGui]	_ZNK8QPrinter12outputFormatEv [QtGui]
_ZNK8QPrinter12printProgramEv [QtGui]	_ZNK8QPrinter12printerStateEv [QtGui]
_ZNK8QPrinter13collateCopiesEv [QtGui]	_ZNK8QPrinter14outputFileNameEv [QtGui]
_ZNK8QPrinter15isOptionEnabledENS_13PrinterOptionE [QtGui]	_ZNK8QPrinter19doubleSidedPrintingEv [QtXml]

_ZNK8QPrinter20collateCopiesEnabledEv [QtGui]	_ZNK8QPrinter20fontEmbeddingEnabledEv [QtGui]
_ZNK8QPrinter20supportedResolutionsEv [QtGui]	_ZNK8QPrinter22printerSelectionOptionEv [QtGui]
_ZNK8QPrinter6metricEN12QPaintDevice17PaintDeviceMetricE [QtGui]	_ZNK8QPrinter6toPageEv [QtGui]
_ZNK8QPrinter7creatorEv [QtGui]	_ZNK8QPrinter7devTypeEv [QtGui]
_ZNK8QPrinter7docNameEv [QtGui]	_ZNK8QPrinter7maxPageEv [QtGui]
_ZNK8QPrinter7minPageEv [QtGui]	_ZNK8QPrinter8fromPageEv [QtGui]
_ZNK8QPrinter8fullPageEv [QtGui]	_ZNK8QPrinter8pageRectEv [QtGui]
_ZNK8QPrinter8pageSizeEv [QtGui]	_ZNK8QPrinter9colorModeEv [QtGui]
_ZNK8QPrinter9numCopiesEv [QtGui]	_ZNK8QPrinter9pageOrderEv [QtGui]
_ZNK8QPrinter9paperRectEv [QtGui]	_ZlsR11QDataStreamRK7QPixmap [QtGui]
_ZlsR11QDataStreamRK8QPicture [QtGui]	_ZrsR11QDataStreamR7QPixmap [QtGui]
_ZrsR11QDataStreamR8QPicture [QtGui]	

17.4.15 Qt4 Multimedia

17.4.15.1 Class data for QImage

The virtual table for the QImage class is described by Table 17-309

Table 17-309 Primary vtable for QImage

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QImage
vfunc[0]:	QImage::~QImage()
vfunc[1]:	QImage::~QImage()
vfunc[2]:	QImage::devType() const
vfunc[3]:	QImage::paintEngine() const
vfunc[4]:	QImage::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QImage class is described by Table 17-310

Table 17-310 typeinfo for QImage

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QImage
basetype:	typeinfo for QPaintDevice

17.4.15.2 Class data for QImageIOHandler

The virtual table for the QImageIOHandler class is described by Table 17-311

Table 17-311 Primary vtable for QImageIOHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QImageIOHandler
vfunc[0]:	QImageIOHandler::~QImageIOHandler()
vfunc[1]:	QImageIOHandler::~QImageIOHandler()
vfunc[2]:	QImageIOHandler::name() const
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	QImageIOHandler::write(QImage const&)
vfunc[6]:	QImageIOHandler::option(QImageIOHandler::ImageOption) const
vfunc[7]:	QImageIOHandler::setOption(QImageIOHandler::ImageOption, QVariant const&)
vfunc[8]:	QImageIOHandler::supportsOption(QImageIOHandler::ImageOption) const
vfunc[9]:	QImageIOHandler::jumpToNextImage()
vfunc[10]:	QImageIOHandler::jumpToImage(int)
vfunc[11]:	QImageIOHandler::loopCount() const
vfunc[12]:	QImageIOHandler::imageCount() const
vfunc[13]:	QImageIOHandler::nextImageDelay() const
vfunc[14]:	QImageIOHandler::currentImageNumber() const
vfunc[15]:	QImageIOHandler::currentImageRect() const

The Run Time Type Information for the QImageIOHandler class is described by Table 17-312

Table 17-312 typeinfo for QImageIOHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QImageIOHandler

17.4.15.3 Class data for QImageIOHandlerFactoryInterface

The virtual table for the QImageIOHandlerFactoryInterface class is described by Table 17-313

Table 17-313 Primary vtable for QImageIOHandlerFactoryInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QImageIOHandlerFactoryInterface
vfunc[0]:	NULL or QImageIOHandlerFactoryInterface::~QImageIOHandlerFactoryInterface()
vfunc[1]:	NULL or QImageIOHandlerFactoryInterface::~QImageIOHandlerFactoryInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QImageIOHandlerFactoryInterface class is described by Table 17-314

Table 17-314 typeinfo for QImageIOHandlerFactoryInterface

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QImageIOHandlerFactoryInterface
basetype:	typeinfo for QFactoryInterface

17.4.15.4 Class data for QMovie

The virtual table for the QMovie class is described by Table 17-315

Table 17-315 Primary vtable for QMovie

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMovie
vfunc[0]:	QMovie::metaObject() const
vfunc[1]:	QMovie::qt_metacast(char const*)
vfunc[2]:	QMovie::qt_metacall(QMetaObject::Call, int, void**)

vfunc[3]:	QMovie::~QMovie()
vfunc[4]:	QMovie::~QMovie()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QMovie class is described by Table 17-316

Table 17-316 typeinfo for QMovie

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMovie
basetype:	typeinfo for QObject

17.4.15.5 Class data for QSound

The virtual table for the QSound class is described by Table 17-317

Table 17-317 Primary vtable for QSound

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSound
vfunc[0]:	QSound::metaObject() const
vfunc[1]:	QSound::qt_metacast(char const*)
vfunc[2]:	QSound::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSound::~QSound()
vfunc[4]:	QSound::~QSound()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QSound class is described by Table 17-

318

Table 17-318 typeinfo for QSound

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSound
basetype:	typeinfo for QObject

17.4.15.6 Interfaces for Qt4 Multimedia

An LSB conforming implementation shall provide the generic functions for Qt4 Multimedia specified in Table 17-319, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-319 libQtGui - Qt4 Multimedia Function Interfaces

_ZN12QImageReader10setQualityEi [QtXml]	_ZN12QImageReader11imageFormatEP9QIODevice [QtGui]
_ZN12QImageReader11imageFormatERK7QString [QtGui]	_ZN12QImageReader11jumpToImageEi [QtGui]
_ZN12QImageReader11setClipRectERK5QRect [QtGui]	_ZN12QImageReader11setFileNameERK7QString [QtGui]
_ZN12QImageReader13setScaledSizeERK5QSize [QtGui]	_ZN12QImageReader15jumpToNextImageEv [QtGui]
_ZN12QImageReader17setScaledClipRectERK5QRect [QtGui]	_ZN12QImageReader18setBackgroundColorERK6QColor [QtGui]
_ZN12QImageReader21supportedImageFormatsEv [QtGui]	_ZN12QImageReader4readEP6QImage [QtXml]
_ZN12QImageReader4readEv [QtGui]	_ZN12QImageReader9setDeviceEP9QIODevice [QtGui]
_ZN12QImageReader9setFormatERK10QByteArray [QtGui]	_ZN12QImageReaderC1EP9QIODeviceRK10QByteArray [QtGui]
_ZN12QImageReaderC1ERK7QStringRK10QByteArray [QtGui]	_ZN12QImageReaderC1Ev [QtGui]
_ZN12QImageReaderC2EP9QIODeviceRK10QByteArray [QtGui]	_ZN12QImageReaderC2ERK7QStringRK10QByteArray [QtGui]
_ZN12QImageReaderC2Ev [QtGui]	_ZN12QImageReaderD1Ev [QtGui]
_ZN12QImageReaderD2Ev [QtGui]	_ZN12QImageWriter10setQualityEi [QtGui]
_ZN12QImageWriter11setFileNameERK7QString [QtGui]	_ZN12QImageWriter14setDescriptionERK7QString [QtGui]
_ZN12QImageWriter21supportedImageFormatsEv [QtGui]	_ZN12QImageWriter5writeERK6QImage [QtGui]
ZN12QImageWriter7setTextERK7QStringS2 [QtGui]	_ZN12QImageWriter8setGammaEf [QtGui]
_ZN12QImageWriter9setDeviceEP9QIODevice [QtGui]	_ZN12QImageWriter9setFormatERK10QByteArray [QtGui]
_ZN12QImageWriterC1EP9QIODevi	_ZN12QImageWriterC1ERK7QStrin

ceRK10QByteArray [QtGui]	gRK10QByteArray [QtGui]
_ZN12QImageWriterC1Ev [QtGui]	_ZN12QImageWriterC2EP9QIODeviceRK10QByteArray [QtGui]
_ZN12QImageWriterC2ERK7QStringRK10QByteArray [QtGui]	_ZN12QImageWriterC2Ev [QtGui]
_ZN12QImageWriterD1Ev [QtGui]	_ZN12QImageWriterD2Ev [QtGui]
_ZN15QImageIOHandler11jumpToImageEi [QtGui]	_ZN15QImageIOHandler15jumpToNextImageEv [QtGui]
_ZN15QImageIOHandler5writeERK6QImage [QtGui]	_ZN15QImageIOHandler9setDeviceEP9QIODevice [QtGui]
_ZN15QImageIOHandler9setFormatERK10QByteArray [QtGui]	_ZN15QImageIOHandler9setOptionENS_11ImageOptionERK8QVariant [QtGui]
_ZN15QImageIOHandlerC1Ev [QtGui]	_ZN15QImageIOHandlerC2Ev [QtGui]
_ZN15QImageIOHandlerD0Ev [QtGui]	_ZN15QImageIOHandlerD1Ev [QtGui]
_ZN15QImageIOHandlerD2Ev [QtGui]	_ZN6QImage10trueMatrixERK7QMatrixii [QtGui]
_ZN6QImage12invertPixelsENS_10InvertModeE [QtGui]	_ZN6QImage12loadFromDataEPKhiPKc [QtGui]
_ZN6QImage12setNumColorsEi [QtGui]	_ZN6QImage13setColorTableE7QVectorIjE [QtGui]
_ZN6QImage14setAlphaBufferEb [QtGui]	_ZN6QImage15setAlphaChannelERKS_ [QtGui]
_ZN6QImage16setDotsPerMeterXEi [QtGui]	_ZN6QImage16setDotsPerMeterYEi [QtGui]
_ZN6QImage4bitsEv [QtGui]	_ZN6QImage4fillEj [QtGui]
_ZN6QImage4loadEP9QIODevicePKc [QtGui]	_ZN6QImage4loadERK7QStringPKc [QtGui]
_ZN6QImage6createERK5QSizeiiNS_6EndianE [QtGui]	_ZN6QImage6createEiiiiNS_6EndianE [QtGui]
_ZN6QImage6detachEv [QtGui]	_ZN6QImage7setTextEPKcS1_RK7QString [QtGui]
ZN6QImage7setTextERK7QStringS2 [QtGui]	_ZN6QImage8fromDataEPKhiPKc [QtGui]
_ZN6QImage8scanLineEi [QtGui]	_ZN6QImage8setColorEij [QtGui]
_ZN6QImage8setPixelEiij [QtGui]	_ZN6QImage9jumpTableEv [QtGui]
_ZN6QImage9setOffsetERK6QPoint [QtGui]	_ZN6QImageC1EPKPKc [QtGui]
ZN6QImageC1EPKcS1 [QtGui]	_ZN6QImageC1EPKhiiNS_6FormatE [QtXml]
_ZN6QImageC1EPhiiNS_6FormatE [QtGui]	_ZN6QImageC1EPhiiiPKjiNS_6EndianE [QtGui]
_ZN6QImageC1ERK5QSizeNS_6For	_ZN6QImageC1ERK5QSizeiiNS_6En

matE [QtGui]	dianE [QtGui]
_ZN6QImageC1ERK7QStringPKc [QtGui]	_ZN6QImageC1ERKS_ [QtGui]
_ZN6QImageC1EiiNS_6FormatE [QtGui]	_ZN6QImageC1EiiiiNS_6EndianE [QtGui]
_ZN6QImageC1Ev [QtGui]	_ZN6QImageC2EPKPKc [QtGui]
ZN6QImageC2EPKcS1 [QtGui]	_ZN6QImageC2EPKhiiNS_6Format E [QtXml]
_ZN6QImageC2EPhiiNS_6FormatE [QtGui]	_ZN6QImageC2EPhiiiPKjiNS_6Endi anE [QtGui]
_ZN6QImageC2ERK5QSizeNS_6For matE [QtGui]	_ZN6QImageC2ERK5QSizeiiNS_6En dianE [QtGui]
_ZN6QImageC2ERK7QStringPKc [QtGui]	_ZN6QImageC2ERKS_ [QtGui]
_ZN6QImageC2EiiNS_6FormatE [QtGui]	_ZN6QImageC2EiiiiNS_6EndianE [QtGui]
_ZN6QImageC2Ev [QtGui]	_ZN6QImageD0Ev [QtGui]
_ZN6QImageD1Ev [QtGui]	_ZN6QImageD2Ev [QtGui]
ZN6QImageaSERKS [QtGui]	_ZN6QMovie10scaledSizeEv [QtGui]
_ZN6QMovie11jumpToFrameEi [QtGui]	_ZN6QMovie11qt_metacallEN11QM etaObject4CallEiPPv [QtGui]
_ZN6QMovie11qt_metacastEPKc [QtGui]	_ZN6QMovie11setFileNameERK7QS tring [QtGui]
_ZN6QMovie12frameChangedEi [QtGui]	_ZN6QMovie12setCacheModeENS_ 9CacheModeE [QtGui]
_ZN6QMovie12stateChangedENS_1 0MovieStateE [QtGui]	_ZN6QMovie13setScaledSizeERK5Q Size [QtGui]
_ZN6QMovie15jumpToNextFrameE v [QtGui]	_ZN6QMovie16supportedFormatsE v [QtGui]
_ZN6QMovie18setBackgroundColor ERK6QColor [QtGui]	_ZN6QMovie4stopEv [QtGui]
_ZN6QMovie5errorEN12QImageRea der16ImageReaderErrorE [QtGui]	_ZN6QMovie5startEv [QtGui]
_ZN6QMovie7resizedERK5QSize [QtGui]	_ZN6QMovie7startedEv [QtGui]
_ZN6QMovie7updatedERK5QRect [QtGui]	_ZN6QMovie8finishedEv [QtGui]
_ZN6QMovie8setSpeedEi [QtGui]	_ZN6QMovie9cacheModeEv [QtGui]
_ZN6QMovie9setDeviceEP9QIODev ice [QtGui]	_ZN6QMovie9setFormatERK10QByt eArray [QtGui]
_ZN6QMovie9setPausedEb [QtGui]	_ZN6QMovieC1EP7QObject [QtGui]
_ZN6QMovieC1EP9QIODeviceRK10 QByteArrayP7QObject [QtGui]	_ZN6QMovieC1ERK7QStringRK10Q ByteArrayP7QObject [QtGui]

_ZN6QMovieC2EP7QObject [QtGui]	_ZN6QMovieC2EP9QIODeviceRK10QByteArrayP7QObject [QtGui]
_ZN6QMovieC2ERK7QStringRK10QByteArrayP7QObject [QtGui]	_ZN6QMovieD0Ev [QtGui]
_ZN6QMovieD1Ev [QtGui]	_ZN6QMovieD2Ev [QtGui]
_ZN6QSound11isAvailableEv [QtGui]	_ZN6QSound11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN6QSound11qt_metacastEPKc [QtGui]	_ZN6QSound4playERK7QString [QtGui]
_ZN6QSound4playEv [QtGui]	_ZN6QSound4stopEv [QtGui]
_ZN6QSound8setLoopsEi [QtGui]	_ZN6QSoundC1ERK7QStringP7QObject [QtGui]
_ZN6QSoundC1ERK7QStringP7QObjectPKc [QtGui]	_ZN6QSoundC2ERK7QStringP7QObject [QtGui]
_ZN6QSoundC2ERK7QStringP7QObjectPKc [QtGui]	_ZN6QSoundD0Ev [QtGui]
_ZN6QSoundD1Ev [QtGui]	_ZN6QSoundD2Ev [QtGui]
_ZNK12QImageReader10imageCountEv [QtGui]	_ZNK12QImageReader10scaledSizeEv [QtGui]
_ZNK12QImageReader11errorStringEv [QtGui]	_ZNK12QImageReader14nextImageDelayEv [QtGui]
_ZNK12QImageReader14scaledClipRectEv [QtGui]	_ZNK12QImageReader14supportsOptionEN15QImageIOHandler11ImageOptionE [QtXml]
_ZNK12QImageReader15backgroundColorEv [QtGui]	_ZNK12QImageReader16currentImageRectEv [QtGui]
_ZNK12QImageReader17supportsAnimationEv [QtGui]	_ZNK12QImageReader18currentImageNumberEv [QtGui]
_ZNK12QImageReader4sizeEv [QtGui]	_ZNK12QImageReader4textERK7QString [QtGui]
_ZNK12QImageReader5errorEv [QtGui]	_ZNK12QImageReader6deviceEv [QtGui]
_ZNK12QImageReader6formatEv [QtGui]	_ZNK12QImageReader7canReadEv [QtGui]
_ZNK12QImageReader7qualityEv [QtXml]	_ZNK12QImageReader8clipRectEv [QtGui]
_ZNK12QImageReader8fileNameEv [QtGui]	_ZNK12QImageReader8textKeysEv [QtGui]
_ZNK12QImageReader9loopCountEv [QtGui]	_ZNK12QImageWriter11descriptionEv [QtGui]
_ZNK12QImageWriter11errorStringEv [QtGui]	_ZNK12QImageWriter14supportsOptionEN15QImageIOHandler11ImageOptionE [QtXml]
_ZNK12QImageWriter5errorEv [QtGui]	_ZNK12QImageWriter5gammaEv [QtGui]

_ZNK12QImageWriter6deviceEv [QtGui]	_ZNK12QImageWriter6formatEv [QtGui]
_ZNK12QImageWriter7qualityEv [QtGui]	_ZNK12QImageWriter8canWriteEv [QtGui]
_ZNK12QImageWriter8fileNameEv [QtGui]	_ZNK15QImageIOHandler10imageCountEv [QtGui]
_ZNK15QImageIOHandler14nextImageDelayEv [QtGui]	_ZNK15QImageIOHandler14supportsOptionENS_11ImageOptionE [QtGui]
_ZNK15QImageIOHandler16currentImageRectEv [QtGui]	_ZNK15QImageIOHandler18currentImageNumberEv [QtGui]
_ZNK15QImageIOHandler4nameEv [QtGui]	_ZNK15QImageIOHandler6deviceEv [QtGui]
_ZNK15QImageIOHandler6formatEv [QtGui]	_ZNK15QImageIOHandler6optionENS_11ImageOptionE [QtGui]
_ZNK15QImageIOHandler9loopCountEv [QtGui]	_ZNK15QImageIOHandler9setFormatERK10QByteArray [QtGui]
_ZNK6QImage10colorTableEv [QtGui]	_ZNK6QImage10isDetachedEv [QtGui]
_ZNK6QImage10pixelIndexEii [QtGui]	_ZNK6QImage10rgbSwappedEv [QtGui]
_ZNK6QImage11isGrayscaleEv [QtGui]	_ZNK6QImage11paintEngineEv [QtGui]
_ZNK6QImage11transformedERK7QMatrixN2Qt18TransformationModeE [QtGui]	_ZNK6QImage12alphaChannelEv [QtGui]
_ZNK6QImage12bytesPerLineEv [QtGui]	_ZNK6QImage12convertDepthEi6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]
_ZNK6QImage12serialNumberEv [QtGui]	_ZNK6QImage13dotsPerMeterXEv [QtGui]
_ZNK6QImage13dotsPerMeterYEv [QtGui]	_ZNK6QImage13scaledToWidthEiN2Qt18TransformationModeE [QtGui]
_ZNK6QImage13textLanguagesEv [QtGui]	_ZNK6QImage14hasAlphaBufferEv [QtGui]
_ZNK6QImage14scaledToHeightEiN2Qt18TransformationModeE [QtGui]	_ZNK6QImage15convertBitOrderENS_6EndianE [QtGui]
_ZNK6QImage15convertToFormatENS_6FormatE6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]	_ZNK6QImage15convertToFormatENS_6FormatERK7QVectorIjE6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]
_ZNK6QImage15createAlphaMaskE6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]	_ZNK6QImage15hasAlphaChannelEv [QtGui]
_ZNK6QImage19createHeuristicMaskEb [QtGui]	_ZNK6QImage23convertDepthWithPaletteEiPji6QFlagsIN2Qt19ImageCo

	nversionFlagEE [QtGui]
_ZNK6QImage4bitsEv [QtGui]	_ZNK6QImage4copyERK5QRect [QtGui]
_ZNK6QImage4rectEv [QtGui]	_ZNK6QImage4saveEP9QIODevice PKci [QtGui]
_ZNK6QImage4saveERK7QStringP Kci [QtGui]	_ZNK6QImage4sizeEv [QtGui]
ZNK6QImage4textEPKcS1 [QtGui]	_ZNK6QImage4textERK17QImageT extKeyLang [QtGui]
_ZNK6QImage4textERK7QString [QtGui]	_ZNK6QImage5colorEi [QtGui]
_ZNK6QImage5depthEv [QtGui]	_ZNK6QImage5pixelEii [QtGui]
_ZNK6QImage5validEii [QtGui]	_ZNK6QImage5widthEv [QtGui]
_ZNK6QImage6formatEv [QtGui]	_ZNK6QImage6heightEv [QtGui]
_ZNK6QImage6isNullEv [QtGui]	_ZNK6QImage6metricEN12QPaintD evice17PaintDeviceMetricE [QtGui]
_ZNK6QImage6offsetEv [QtGui]	_ZNK6QImage6scaledERK5QSizeN2 Qt15AspectRatioModeENS3_18Tran sformationModeE [QtGui]
_ZNK6QImage7allGrayEv [QtGui]	_ZNK6QImage7devTypeEv [QtGui]
_ZNK6QImage8mirroredEbb [QtGui]	_ZNK6QImage8numBytesEv [QtGui]
_ZNK6QImage8scanLineEi [QtGui]	_ZNK6QImage8textKeysEv [QtGui]
_ZNK6QImage8textListEv [QtGui]	_ZNK6QImage9jumpTableEv [QtGui]
_ZNK6QImage9numColorsEv [QtGui]	_ZNK6QImagecv8QVariantEv [QtGui]
ZNK6QImageeqERKS [QtGui]	_ZNK6QImageneERKS_ [QtGui]
_ZNK6QMovie10frameCountEv [QtGui]	_ZNK6QMovie10metaObjectEv [QtGui]
_ZNK6QMovie12currentImageEv [QtGui]	_ZNK6QMovie13currentPixmapEv [QtGui]
_ZNK6QMovie14nextFrameDelayEv [QtGui]	_ZNK6QMovie15backgroundColorE v [QtGui]
_ZNK6QMovie18currentFrameNum berEv [QtGui]	_ZNK6QMovie5speedEv [QtGui]
_ZNK6QMovie5stateEv [QtGui]	_ZNK6QMovie6deviceEv [QtGui]
_ZNK6QMovie6formatEv [QtGui]	_ZNK6QMovie7isValidEv [QtGui]
_ZNK6QMovie8fileNameEv [QtGui]	_ZNK6QMovie9cacheModeEv [QtXml]
_ZNK6QMovie9frameRectEv [QtGui]	_ZNK6QMovie9loopCountEv [QtGui]
_ZNK6QSound10isFinishedEv [QtGui]	_ZNK6QSound10metaObjectEv [QtGui]

_ZNK6QSound14loopsRemainingEv [QtGui]	_ZNK6QSound5loopsEv [QtGui]
_ZNK6QSound8fileNameEv [QtGui]	_ZlsR11QDataStreamRK6QImage [QtGui]
_ZrsR11QDataStreamR6QImage [QtGui]	

17.4.16 Qt4 Layouts

17.4.16.1 Class data for QLayoutItem

The virtual table for the QLayoutItem class is described by Table 17-320

Table 17-320 Primary vtable for QLayoutItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLayoutItem
vfunc[0]:	QLayoutItem::~QLayoutItem()
vfunc[1]:	QLayoutItem::~QLayoutItem()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	QLayoutItem::hasHeightForWidth() const
vfunc[10]:	QLayoutItem::heightForWidth(int) const
vfunc[11]:	QLayoutItem::minimumHeightForWidth(int) const
vfunc[12]:	QLayoutItem::invalidate()
vfunc[13]:	QLayoutItem::widget()
vfunc[14]:	QLayoutItem::layout()
vfunc[15]:	QLayoutItem::spacerItem()

The Run Time Type Information for the QLayoutItem class is described by Table 17-321

Table 17-321 typeinfo for QLayoutItem

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QLayoutItem

17.4.16.2 Class data for QSpacerItem

The virtual table for the QSpacerItem class is described by Table 17-322

Table 17-322 Primary vtable for QSpacerItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSpacerItem
vfunc[0]:	NULL or QSpacerItem::~QSpacerItem()
vfunc[1]:	NULL or QSpacerItem::~QSpacerItem()
vfunc[2]:	QSpacerItem::sizeHint() const
vfunc[3]:	QSpacerItem::minimumSize() const
vfunc[4]:	QSpacerItem::maximumSize() const
vfunc[5]:	QSpacerItem::expandingDirections() const
vfunc[6]:	QSpacerItem::setGeometry(QRect const&)
vfunc[7]:	QSpacerItem::geometry() const
vfunc[8]:	QSpacerItem::isEmpty() const
vfunc[9]:	QLayoutItem::hasHeightForWidth() const
vfunc[10]:	QLayoutItem::heightForWidth(int) const
vfunc[11]:	QLayoutItem::minimumHeightForWidth(int) const
vfunc[12]:	QLayoutItem::invalidate()
vfunc[13]:	QLayoutItem::widget()
vfunc[14]:	QLayoutItem::layout()
vfunc[15]:	QSpacerItem::spacerItem()

The Run Time Type Information for the QSpacerItem class is described by Table 17-323

Table 17-323 typeinfo for QSpacerItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSpacerItem
basetype:	typeinfo for QLayoutItem

17.4.16.3 Class data for QWidgetItem

The virtual table for the QWidgetItem class is described by Table 17-324

Table 17-324 Primary vtable for QWidgetItem

Base Offset	0

Virtual Base Offset	0
RTTI	typeinfo for QWidgetItem
vfunc[0]:	NULL or QWidgetItem::~QWidgetItem()
vfunc[1]:	NULL or QWidgetItem::~QWidgetItem()
vfunc[2]:	QWidgetItem::sizeHint() const
vfunc[3]:	QWidgetItem::minimumSize() const
vfunc[4]:	QWidgetItem::maximumSize() const
vfunc[5]:	QWidgetItem::expandingDirections( ) const
vfunc[6]:	QWidgetItem::setGeometry(QRect const&)
vfunc[7]:	QWidgetItem::geometry() const
vfunc[8]:	QWidgetItem::isEmpty() const
vfunc[9]:	QWidgetItem::hasHeightForWidth() const
vfunc[10]:	QWidgetItem::heightForWidth(int) const
vfunc[11]:	QLayoutItem::minimumHeightForW idth(int) const
vfunc[12]:	QLayoutItem::invalidate()
vfunc[13]:	QWidgetItem::widget()
vfunc[14]:	QLayoutItem::layout()
vfunc[15]:	QLayoutItem::spacerItem()

The Run Time Type Information for the QWidgetItem class is described by Table 17-325

Table 17-325 typeinfo for QWidgetItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWidgetItem
basetype:	typeinfo for QLayoutItem

17.4.16.4 Class data for QLayout

The virtual table for the QLayout class is described by Table 17-326

Table 17-326 Primary vtable for QLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLayout
vfunc[0]:	QLayout::metaObject() const
vfunc[1]:	QLayout::qt_metacast(char const*)

vfunc[2]:	QLayout::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QLayout::~QLayout()
vfunc[4]:	QLayout::~QLayout()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QLayout::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QLayout::invalidate()
vfunc[13]:	QLayout::geometry() const
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	QLayout::expandingDirections() const
vfunc[16]:	QLayout::minimumSize() const
vfunc[17]:	QLayout::maximumSize() const
vfunc[18]:	__cxa_pure_virtual
vfunc[19]:	__cxa_pure_virtual
vfunc[20]:	__cxa_pure_virtual
vfunc[21]:	QLayout::indexOf(QWidget*) const
vfunc[22]:	__cxa_pure_virtual
vfunc[23]:	QLayout::isEmpty() const
vfunc[24]:	QLayout::layout()

The Run Time Type Information for the QLayout class is described by Table 17-327

Table 17-327 typeinfo for QLayout

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QLayout	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QLayoutItem	2050

17.4.16.5 Class data for QGridLayout

The virtual table for the QGridLayout class is described by Table 17-328

Table 17-328 Primary vtable for QGridLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGridLayout
vfunc[0]:	QGridLayout::metaObject() const
vfunc[1]:	QGridLayout::qt_metacast(char const*)
vfunc[2]:	QGridLayout::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QGridLayout::~QGridLayout()
vfunc[4]:	QGridLayout::~QGridLayout()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QLayout::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QGridLayout::invalidate()
vfunc[13]:	QLayout::geometry() const
vfunc[14]:	QGridLayout::addItem(QLayoutItem*)
vfunc[15]:	QGridLayout::expandingDirections() const
vfunc[16]:	QGridLayout::minimumSize() const
vfunc[17]:	QGridLayout::maximumSize() const
vfunc[18]:	QGridLayout::setGeometry(QRect const&)
vfunc[19]:	QGridLayout::itemAt(int) const
vfunc[20]:	QGridLayout::takeAt(int)
vfunc[21]:	QLayout::indexOf(QWidget*) const
vfunc[22]:	QGridLayout::count() const
vfunc[23]:	QLayout::isEmpty() const
vfunc[24]:	QLayout::layout()
vfunc[25]:	QGridLayout::sizeHint() const
vfunc[26]:	QGridLayout::hasHeightForWidth() const
vfunc[27]:	QGridLayout::heightForWidth(int) const
vfunc[28]:	QGridLayout::minimumHeightForWidth(int) const

© 2008 Linux Foundation

The Run Time Type Information for the QGridLayout class is described by Table 17-329

Table 17-329 typeinfo for QGridLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGridLayout
basetype:	typeinfo for QLayout

17.4.16.6 Class data for QBoxLayout

The virtual table for the QBoxLayout class is described by Table 17-330

Table 17-330 Primary vtable for QBoxLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QBoxLayout
vfunc[0]:	QBoxLayout::metaObject() const
vfunc[1]:	QBoxLayout::qt_metacast(char const*)
vfunc[2]:	QBoxLayout::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QBoxLayout::~QBoxLayout()
vfunc[4]:	QBoxLayout::~QBoxLayout()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QLayout::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QBoxLayout::invalidate()
vfunc[13]:	QLayout::geometry() const
vfunc[14]:	QBoxLayout::addItem(QLayoutItem*)
vfunc[15]:	QBoxLayout::expandingDirections() const
vfunc[16]:	QBoxLayout::minimumSize() const
vfunc[17]:	QBoxLayout::maximumSize() const
vfunc[18]:	QBoxLayout::setGeometry(QRect const&)
vfunc[19]:	QBoxLayout::itemAt(int) const
vfunc[20]:	QBoxLayout::takeAt(int)

vfunc[21]:	QLayout::indexOf(QWidget*) const
vfunc[22]:	QBoxLayout::count() const
vfunc[23]:	QLayout::isEmpty() const
vfunc[24]:	QLayout::layout()
vfunc[25]:	QBoxLayout::sizeHint() const
vfunc[26]:	QBoxLayout::hasHeightForWidth() const
vfunc[27]:	QBoxLayout::heightForWidth(int) const
vfunc[28]:	QBoxLayout::minimumHeightForWidth(int) const

The Run Time Type Information for the QBoxLayout class is described by Table 17-331

Table 17-331 typeinfo for QBoxLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QBoxLayout
basetype:	typeinfo for QLayout

17.4.16.7 Class data for QHBoxLayout

The virtual table for the QHBoxLayout class is described by Table 17-332

Table 17-332 Primary vtable for QHBoxLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHBoxLayout
vfunc[0]:	QHBoxLayout::metaObject() const
vfunc[1]:	QHBoxLayout::qt_metacast(char const*)
vfunc[2]:	QHBoxLayout::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QHBoxLayout::~QHBoxLayout()
vfunc[4]:	QHBoxLayout::~QHBoxLayout()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QLayout::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

© 2008 Linux Foundation

vfunc[12]:	QBoxLayout::invalidate()
vfunc[13]:	QLayout::geometry() const
vfunc[14]:	QBoxLayout::addItem(QLayoutItem *)
vfunc[15]:	QBoxLayout::expandingDirections() const
vfunc[16]:	QBoxLayout::minimumSize() const
vfunc[17]:	QBoxLayout::maximumSize() const
vfunc[18]:	QBoxLayout::setGeometry(QRect const&)
vfunc[19]:	QBoxLayout::itemAt(int) const
vfunc[20]:	QBoxLayout::takeAt(int)
vfunc[21]:	QLayout::indexOf(QWidget*) const
vfunc[22]:	QBoxLayout::count() const
vfunc[23]:	QLayout::isEmpty() const
vfunc[24]:	QLayout::layout()
vfunc[25]:	QBoxLayout::sizeHint() const
vfunc[26]:	QBoxLayout::hasHeightForWidth() const
vfunc[27]:	QBoxLayout::heightForWidth(int) const
vfunc[28]:	QBoxLayout::minimumHeightForWidth(int) const

The Run Time Type Information for the QHBoxLayout class is described by Table 17-333

Table 17-333 typeinfo for QHBoxLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHBoxLayout
basetype:	typeinfo for QBoxLayout

17.4.16.8 Class data for QVBoxLayout

The virtual table for the QVBoxLayout class is described by Table 17-334

Table 17-334 Primary vtable for QVBoxLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QVBoxLayout
vfunc[0]:	QVBoxLayout::metaObject() const
vfunc[1]:	QVBoxLayout::qt_metacast(char const*)
vfunc[2]:	QVBoxLayout::qt_metacall(QMetaObject::Call, int, void**)

vfunc[3]:	QVBoxLayout::~QVBoxLayout()
vfunc[4]:	QVBoxLayout::~QVBoxLayout()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QLayout::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QBoxLayout::invalidate()
vfunc[13]:	QLayout::geometry() const
vfunc[14]:	QBoxLayout::addItem(QLayoutItem *)
vfunc[15]:	QBoxLayout::expandingDirections() const
vfunc[16]:	QBoxLayout::minimumSize() const
vfunc[17]:	QBoxLayout::maximumSize() const
vfunc[18]:	QBoxLayout::setGeometry(QRect const&)
vfunc[19]:	QBoxLayout::itemAt(int) const
vfunc[20]:	QBoxLayout::takeAt(int)
vfunc[21]:	QLayout::indexOf(QWidget*) const
vfunc[22]:	QBoxLayout::count() const
vfunc[23]:	QLayout::isEmpty() const
vfunc[24]:	QLayout::layout()
vfunc[25]:	QBoxLayout::sizeHint() const
vfunc[26]:	QBoxLayout::hasHeightForWidth() const
vfunc[27]:	QBoxLayout::heightForWidth(int) const
vfunc[28]:	QBoxLayout::minimumHeightForWidth(int) const

The Run Time Type Information for the QVBoxLayout class is described by Table 17-335

Table 17-335 typeinfo for QVBoxLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QVBoxLayout
basetype:	typeinfo for QBoxLayout

17.4.16.9 Class data for QStackedLayout

The virtual table for the QStackedLayout class is described by Table 17-336

Table 17-336 Primary vtable for QStackedLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStackedLayout
vfunc[0]:	QStackedLayout::metaObject() const
vfunc[1]:	QStackedLayout::qt_metacast(char const*)
vfunc[2]:	QStackedLayout::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QStackedLayout::~QStackedLayout()
vfunc[4]:	QStackedLayout::~QStackedLayout()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QLayout::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QLayout::invalidate()
vfunc[13]:	QLayout::geometry() const
vfunc[14]:	QStackedLayout::addItem(QLayoutItem*)
vfunc[15]:	QLayout::expandingDirections() const
vfunc[16]:	QStackedLayout::minimumSize() const
vfunc[17]:	QLayout::maximumSize() const
vfunc[18]:	QStackedLayout::setGeometry(QRect const&)
vfunc[19]:	QStackedLayout::itemAt(int) const
vfunc[20]:	QStackedLayout::takeAt(int)
vfunc[21]:	QLayout::indexOf(QWidget*) const
vfunc[22]:	QStackedLayout::count() const
vfunc[23]:	QLayout::isEmpty() const
vfunc[24]:	QLayout::layout()
vfunc[25]:	QStackedLayout::sizeHint() const

The Run Time Type Information for the QStackedLayout class is described by Table 17-337

Table 17-337 typeinfo for QStackedLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStackedLayout
basetype:	typeinfo for QLayout

17.4.16.10 Interfaces for Qt4 Layouts

An LSB conforming implementation shall provide the generic functions for Qt4 Layouts specified in Table 17-338, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-338 libQtGui - Qt4 Layouts Function Interfaces

_ZN10QBoxLayout10addSpacingEi [QtGui]	_ZN10QBoxLayout10addStretchEi [QtGui]
_ZN10QBoxLayout10insertItemEiP11QLayoutItem [QtGui]	_ZN10QBoxLayout10invalidateEv [QtGui]
_ZN10QBoxLayout11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN10QBoxLayout11qt_metacastEPKc [QtGui]
_ZN10QBoxLayout11setGeometryERK5QRect [QtGui]	_ZN10QBoxLayout12insertLayoutEiP7QLayouti [QtGui]
_ZN10QBoxLayout12insertWidgetEiP7QWidgeti6QFlagsIN2Qt13AlignmentFlagEE [QtGui]	_ZN10QBoxLayout12setDirectionENS_9DirectionE [QtGui]
_ZN10QBoxLayout13insertSpacingEii [QtGui]	_ZN10QBoxLayout13insertStretchEii [QtGui]
_ZN10QBoxLayout16setStretchFactorEP7QLayouti [QtGui]	_ZN10QBoxLayout16setStretchFactorEP7QWidgeti [QtGui]
_ZN10QBoxLayout6takeAtEi [QtGui]	_ZN10QBoxLayout7addItemEP11QLayoutItem [QtGui]
_ZN10QBoxLayout8addStrutEi [QtGui]	_ZN10QBoxLayout9addLayoutEP7QLayouti [QtGui]
_ZN10QBoxLayout9addWidgetEP7QWidgeti6QFlagsIN2Qt13AlignmentFlagEE [QtGui]	_ZN10QBoxLayoutC1ENS_9DirectionEP7QWidget [QtGui]
_ZN10QBoxLayoutC1ENS_9DirectionEiPKc [QtGui]	_ZN10QBoxLayoutC1EP7QLayoutNS_9DirectionEiPKc [QtGui]
_ZN10QBoxLayoutC1EP7QWidgetNS_9DirectionEiiPKc [QtGui]	_ZN10QBoxLayoutC2ENS_9DirectionEP7QWidget [QtGui]
_ZN10QBoxLayoutC2ENS_9DirectionEiPKc [QtGui]	_ZN10QBoxLayoutC2EP7QLayoutNS_9DirectionEiPKc [QtGui]
_ZN10QBoxLayoutC2EP7QWidgetNS_9DirectionEiiPKc [QtGui]	_ZN10QBoxLayoutD0Ev [QtGui]
_ZN10QBoxLayoutD1Ev [QtGui]	_ZN10QBoxLayoutD2Ev [QtGui]
_ZN11QGridLayout10findWidgetEP	_ZN11QGridLayout10invalidateEv

7QWidgetPiS2_ [QtGui]	[QtGui]
_ZN11QGridLayout11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN11QGridLayout11qt_metacastEPKc [QtGui]
_ZN11QGridLayout11setGeometryERK5QRect [QtGui]	_ZN11QGridLayout13setRowStretchEii [QtGui]
_ZN11QGridLayout15getItemPositionEiPiS0_S0_S0_ [QtGui]	_ZN11QGridLayout15setOriginCornerEN2Qt6CornerE [QtGui]
_ZN11QGridLayout16setColumnStretchEii [QtGui]	_ZN11QGridLayout19setRowMinimumHeightEii [QtGui]
_ZN11QGridLayout21setColumnMinimumWidthEii [QtGui]	_ZN11QGridLayout21setDefaultPositioningEiN2Qt11OrientationE [QtGui]
_ZN11QGridLayout6expandEii [QtGui]	_ZN11QGridLayout6takeAtEi [QtGui]
_ZN11QGridLayout7addItemEP11QLayoutItem [QtGui]	_ZN11QGridLayout7addItemEP11QLayoutItemiiii6QFlagsIN2Qt13AlignmentFlagEE [QtGui]
_ZN11QGridLayout9addLayoutEP7QLayoutii6QFlagsIN2Qt13AlignmentFlagEE [QtGui]	_ZN11QGridLayout9addLayoutEP7QLayoutiiii6QFlagsIN2Qt13AlignmentFlagEE [QtGui]
_ZN11QGridLayout9addWidgetEP7QWidgetii6QFlagsIN2Qt13AlignmentFlagEE [QtGui]	_ZN11QGridLayout9addWidgetEP7QWidgetiiii6QFlagsIN2Qt13AlignmentFlagEE [QtGui]
_ZN11QGridLayoutC1EP7QLayoutiiPKc [QtGui]	_ZN11QGridLayoutC1EP7QWidget [QtGui]
_ZN11QGridLayoutC1EP7QWidgetiiiPKc [QtGui]	_ZN11QGridLayoutC1EiiiPKc [QtGui]
_ZN11QGridLayoutC1Ev [QtGui]	_ZN11QGridLayoutC2EP7QLayoutiiPKc [QtGui]
_ZN11QGridLayoutC2EP7QWidget [QtGui]	_ZN11QGridLayoutC2EP7QWidgetiiiPKc [QtGui]
_ZN11QGridLayoutC2EiiiPKc [QtGui]	_ZN11QGridLayoutC2Ev [QtGui]
_ZN11QGridLayoutD0Ev [QtGui]	_ZN11QGridLayoutD1Ev [QtGui]
_ZN11QGridLayoutD2Ev [QtGui]	_ZN11QHBoxLayout11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN11QHBoxLayout11qt_metacastEPKc [QtGui]	_ZN11QHBoxLayoutC1EP7QLayoutiPKc [QtGui]
_ZN11QHBoxLayoutC1EP7QWidget [QtGui]	_ZN11QHBoxLayoutC1EP7QWidgetiiPKc [QtGui]
_ZN11QHBoxLayoutC1EiPKc [QtGui]	_ZN11QHBoxLayoutC1Ev [QtGui]
_ZN11QHBoxLayoutC2EP7QLayoutiPKc [QtGui]	_ZN11QHBoxLayoutC2EP7QWidget [QtGui]
_ZN11QHBoxLayoutC2EP7QWidgetiiPKc [QtGui]	_ZN11QHBoxLayoutC2EiPKc [QtGui]

_ZN11QHBoxLayoutC2Ev [QtGui]	_ZN11QHBoxLayoutD0Ev [QtGui]
_ZN11QHBoxLayoutD1Ev [QtGui]	_ZN11QHBoxLayoutD2Ev [QtGui]
_ZN11QLayoutItem10invalidateEv [QtGui]	_ZN11QLayoutItem10spacerItemEv [QtGui]
_ZN11QLayoutItem12setAlignment E6QFlagsIN2Qt13AlignmentFlagEE [QtGui]	_ZN11QLayoutItem6layoutEv [QtGui]
_ZN11QLayoutItem6widgetEv [QtGui]	_ZN11QLayoutItemD0Ev [QtGui]
_ZN11QLayoutItemD1Ev [QtGui]	_ZN11QLayoutItemD2Ev [QtGui]
ZN11QSpacerItem10changeSizeEii N11QSizePolicy6PolicyES1 [QtGui]	_ZN11QSpacerItem10spacerItemEv [QtGui]
_ZN11QSpacerItem11setGeometryE RK5QRect [QtGui]	_ZN11QVBoxLayout11qt_metacallE N11QMetaObject4CallEiPPv [QtGui]
_ZN11QVBoxLayout11qt_metacastE PKc [QtGui]	_ZN11QVBoxLayoutC1EP7QLayouti PKc [QtGui]
_ZN11QVBoxLayoutC1EP7QWidget [QtGui]	_ZN11QVBoxLayoutC1EP7QWidget iiPKc [QtGui]
_ZN11QVBoxLayoutC1EiPKc [QtGui]	_ZN11QVBoxLayoutC1Ev [QtGui]
_ZN11QVBoxLayoutC2EP7QLayouti PKc [QtGui]	_ZN11QVBoxLayoutC2EP7QWidget [QtGui]
_ZN11QVBoxLayoutC2EP7QWidget iiPKc [QtGui]	_ZN11QVBoxLayoutC2EiPKc [QtGui]
_ZN11QVBoxLayoutC2Ev [QtGui]	_ZN11QVBoxLayoutD0Ev [QtGui]
_ZN11QVBoxLayoutD1Ev [QtGui]	_ZN11QVBoxLayoutD2Ev [QtGui]
_ZN11QWidgetItem11setGeometryE RK5QRect [QtGui]	_ZN11QWidgetItem6widgetEv [QtGui]
_ZN14QStackedLayout11qt_metacall EN11QMetaObject4CallEiPPv [QtGui]	_ZN14QStackedLayout11qt_metacas tEPKc [QtGui]
_ZN14QStackedLayout11setGeometr yERK5QRect [QtGui]	_ZN14QStackedLayout12insertWidg etEiP7QWidget [QtGui]
_ZN14QStackedLayout13widgetRe movedEi [QtGui]	_ZN14QStackedLayout14currentCha ngedEi [QtGui]
_ZN14QStackedLayout15setCurrentI ndexEi [QtGui]	_ZN14QStackedLayout16setCurrent WidgetEP7QWidget [QtGui]
_ZN14QStackedLayout6takeAtEi [QtGui]	_ZN14QStackedLayout7addItemEP1 1QLayoutItem [QtGui]
_ZN14QStackedLayout9addWidgetE P7QWidget [QtGui]	_ZN14QStackedLayoutC1EP7QLayo ut [QtGui]
_ZN14QStackedLayoutC1EP7QWid get [QtGui]	_ZN14QStackedLayoutC1Ev [QtGui]
_ZN14QStackedLayoutC2EP7QLayo ut [QtGui]	_ZN14QStackedLayoutC2EP7QWid get [QtGui]

_ZN14QStackedLayoutC2Ev [QtGui]	_ZN14QStackedLayoutD0Ev [QtGui]
_ZN14QStackedLayoutD1Ev [QtGui]	_ZN14QStackedLayoutD2Ev [QtGui]
_ZN7QLayout10childEventEP11QChildEvent [QtGui]	_ZN7QLayout10invalidateEv [QtGui]
_ZN7QLayout10removeItemEP11QLayoutItem [QtGui]	_ZN7QLayout10setAutoAddEb [QtGui]
_ZN7QLayout10setEnabledEb [QtGui]	_ZN7QLayout10setMenuBarEP7QWidget [QtGui]
_ZN7QLayout10setSpacingEi [QtGui]	_ZN7QLayout11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN7QLayout11qt_metacastEPKc [QtGui]	_ZN7QLayout11setGeometryERK5QRect [QtGui]
_ZN7QLayout11widgetEventEP6QEvent [QtGui]	_ZN7QLayout12removeWidgetEP7QWidget [QtGui]
_ZN7QLayout12setAlignmentEP7QWidget6QFlagsIN2Qt13AlignmentFlagEE [QtGui]	_ZN7QLayout12setAlignmentEPS_6QFlagsIN2Qt13AlignmentFlagEE [QtGui]
ZN7QLayout14addChildLayoutEPS [QtGui]	_ZN7QLayout14addChildWidgetEP7QWidget [QtGui]
_ZN7QLayout14deleteAllItemsEv [QtGui]	_ZN7QLayout17setSizeConstraintENS_14SizeConstraintE [QtGui]
_ZN7QLayout21closestAcceptableSizeEPK7QWidgetRK5QSize [QtGui]	_ZN7QLayout6freezeEii [QtGui]
_ZN7QLayout6layoutEv [QtGui]	_ZN7QLayout6updateEv [QtGui]
_ZN7QLayout8activateEv [QtGui]	_ZN7QLayout9addWidgetEP7QWidget [QtGui]
_ZN7QLayout9setMarginEi [QtGui]	_ZN7QLayoutC1EP7QWidget [QtGui]
_ZN7QLayoutC1EP7QWidgetiiPKc [QtGui]	_ZN7QLayoutC1EPS_iPKc [QtGui]
_ZN7QLayoutC1EiPKc [QtGui]	_ZN7QLayoutC1Ev [QtGui]
_ZN7QLayoutC2EP7QWidget [QtGui]	_ZN7QLayoutC2EP7QWidgetiiPKc [QtGui]
_ZN7QLayoutC2EPS_iPKc [QtGui]	_ZN7QLayoutC2EiPKc [QtGui]
_ZN7QLayoutC2Ev [QtGui]	_ZN7QLayoutD0Ev [QtGui]
_ZN7QLayoutD1Ev [QtGui]	_ZN7QLayoutD2Ev [QtGui]
_ZNK10QBoxLayout10metaObjectEv [QtGui]	_ZNK10QBoxLayout11maximumSizeEv [QtGui]
_ZNK10QBoxLayout11minimumSizeEv [QtGui]	_ZNK10QBoxLayout14heightForWidthEi [QtGui]
_ZNK10QBoxLayout17hasHeightForWidthEv [QtGui]	_ZNK10QBoxLayout19expandingDirectionsEv [QtGui]
_ZNK10QBoxLayout21minimumHei	_ZNK10QBoxLayout5countEv

ghtForWidthEi [QtGui]	[QtGui]
_ZNK10QBoxLayout6itemAtEi [QtGui]	_ZNK10QBoxLayout8sizeHintEv [QtGui]
_ZNK10QBoxLayout9directionEv [QtGui]	_ZNK11QGridLayout10metaObjectEv [QtGui]
_ZNK11QGridLayout10rowStretchEi [QtGui]	_ZNK11QGridLayout11columnCountEv [QtGui]
_ZNK11QGridLayout11maximumSizeEv [QtGui]	_ZNK11QGridLayout11minimumSizeEv [QtGui]
_ZNK11QGridLayout12originCornerEv [QtGui]	_ZNK11QGridLayout13columnStretchEi [QtGui]
_ZNK11QGridLayout14heightForWidthEi [QtGui]	_ZNK11QGridLayout16rowMinimumHeightEi [QtGui]
_ZNK11QGridLayout17hasHeightForWidthEv [QtGui]	_ZNK11QGridLayout18columnMinimumWidthEi [QtGui]
_ZNK11QGridLayout19expandingDirectionsEv [QtGui]	_ZNK11QGridLayout21minimumHeightForWidthEi [QtGui]
_ZNK11QGridLayout5countEv [QtGui]	_ZNK11QGridLayout6itemAtEi [QtGui]
_ZNK11QGridLayout8cellRectEii [QtGui]	_ZNK11QGridLayout8rowCountEv [QtGui]
_ZNK11QGridLayout8sizeHintEv [QtGui]	_ZNK11QHBoxLayout10metaObjectEv [QtGui]
_ZNK11QLayoutItem14heightForWidthEi [QtGui]	_ZNK11QLayoutItem17hasHeightForWidthEv [QtGui]
_ZNK11QLayoutItem21minimumHeightForWidthEi [QtGui]	_ZNK11QSizePolicycv8QVariantEv [QtGui]
_ZNK11QSpacerItem11maximumSizeEv [QtGui]	_ZNK11QSpacerItem11minimumSizeEv [QtGui]
_ZNK11QSpacerItem19expandingDirectionsEv [QtGui]	_ZNK11QSpacerItem7isEmptyEv [QtGui]
_ZNK11QSpacerItem8geometryEv [QtGui]	_ZNK11QSpacerItem8sizeHintEv [QtGui]
_ZNK11QVBoxLayout10metaObjectEv [QtGui]	_ZNK11QWidgetItem11maximumSizeEv [QtGui]
_ZNK11QWidgetItem11minimumSizeEv [QtGui]	_ZNK11QWidgetItem14heightForWidthEi [QtGui]
_ZNK11QWidgetItem17hasHeightForWidthEv [QtGui]	_ZNK11QWidgetItem19expandingDirectionsEv [QtGui]
_ZNK11QWidgetItem7isEmptyEv [QtGui]	_ZNK11QWidgetItem8geometryEv [QtGui]
_ZNK11QWidgetItem8sizeHintEv [QtGui]	_ZNK14QStackedLayout10metaObjectEv [QtGui]
_ZNK14QStackedLayout11minimumSizeEv [QtGui]	_ZNK14QStackedLayout12currentIndexEv [QtGui]

_ZNK14QStackedLayout13currentWidgetEv [QtGui]	_ZNK14QStackedLayout5countEv [QtGui]
_ZNK14QStackedLayout6itemAtEi [QtGui]	_ZNK14QStackedLayout6widgetEi [QtGui]
_ZNK14QStackedLayout8sizeHintEv [QtGui]	_ZNK7QLayout10isTopLevelEv [QtGui]
_ZNK7QLayout10metaObjectEv [QtGui]	_ZNK7QLayout11maximumSizeEv [QtGui]
_ZNK7QLayout11minimumSizeEv [QtGui]	_ZNK7QLayout12parentWidgetEv [QtGui]
_ZNK7QLayout13alignmentRectERK5QRect [QtGui]	_ZNK7QLayout13totalSizeHintEv [QtGui]
_ZNK7QLayout14sizeConstraintEv [QtGui]	_ZNK7QLayout16totalMaximumSizeEv [QtGui]
_ZNK7QLayout16totalMinimumSizeEv [QtGui]	_ZNK7QLayout19expandingDirectionsEv [QtGui]
_ZNK7QLayout19totalHeightForWidthEi [QtGui]	_ZNK7QLayout6marginEv [QtGui]
_ZNK7QLayout7autoAddEv [QtGui]	_ZNK7QLayout7indexOfEP7QWidget [QtGui]
_ZNK7QLayout7isEmptyEv [QtGui]	_ZNK7QLayout7menuBarEv [QtGui]
_ZNK7QLayout7spacingEv [QtGui]	_ZNK7QLayout8geometryEv [QtGui]
_ZNK7QLayout9isEnabledEv [QtGui]	_ZlsR11QDataStreamRK11QSizePolicy [QtXml]
_ZrsR11QDataStreamR11QSizePolicy [QtXml]	

17.4.17 Qt4 Style

17.4.17.1 Class data for QStyle

The virtual table for the QStyle class is described by Table 17-339

Table 17-339 Primary vtable for QStyle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStyle
vfunc[0]:	QStyle::metaObject() const
vfunc[1]:	QStyle::qt_metacast(char const*)
vfunc[2]:	QStyle::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QStyle::~QStyle()
vfunc[4]:	QStyle::~QStyle()
vfunc[5]:	QObject::event(QEvent*)

vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QStyle::polish(QWidget*)
vfunc[13]:	QStyle::unpolish(QWidget*)
vfunc[14]:	QStyle::polish(QApplication*)
vfunc[15]:	QStyle::unpolish(QApplication*)
vfunc[16]:	QStyle::polish(QPalette&)
vfunc[17]:	QStyle::itemTextRect(QFontMetrics const&, QRect const&, int, bool, QString const&) const
vfunc[18]:	QStyle::itemPixmapRect(QRect const&, int, QPixmap const&) const
vfunc[19]:	QStyle::drawItemText(QPainter*, QRect const&, int, QPalette const&, bool, QString const&, QPalette::ColorRole) const
vfunc[20]:	QStyle::drawItemPixmap(QPainter*, QRect const&, int, QPixmap const&) const
vfunc[21]:	QStyle::standardPalette() const
vfunc[22]:	__cxa_pure_virtual
vfunc[23]:	__cxa_pure_virtual
vfunc[24]:	__cxa_pure_virtual
vfunc[25]:	__cxa_pure_virtual
vfunc[26]:	__cxa_pure_virtual
vfunc[27]:	__cxa_pure_virtual
vfunc[28]:	__cxa_pure_virtual
vfunc[29]:	__cxa_pure_virtual
vfunc[30]:	__cxa_pure_virtual
vfunc[31]:	__cxa_pure_virtual
vfunc[32]:	__cxa_pure_virtual

The Run Time Type Information for the QStyle class is described by Table 17-340

Table 17-340 typeinfo for QStyle

Base Vtable	vtable for __cxxabiv1::__si_class_type_info

Name	typeinfo name for QStyle
basetype:	typeinfo for QObject

17.4.17.2 Class data for QCommonStyle

The virtual table for the QCommonStyle class is described by Table 17-341

Table 17-341 Primary vtable for QCommonStyle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCommonStyle
vfunc[0]:	QCommonStyle::metaObject() const
vfunc[1]:	QCommonStyle::qt_metacast(char const*)
vfunc[2]:	QCommonStyle::qt_metacall(QMeta Object::Call, int, void**)
vfunc[3]:	QCommonStyle::~QCommonStyle()
vfunc[4]:	QCommonStyle::~QCommonStyle()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QStyle::polish(QWidget*)
vfunc[13]:	QStyle::unpolish(QWidget*)
vfunc[14]:	QStyle::polish(QApplication*)
vfunc[15]:	QStyle::unpolish(QApplication*)
vfunc[16]:	QStyle::polish(QPalette&)
vfunc[17]:	QStyle::itemTextRect(QFontMetrics const&, QRect const&, int, bool, QString const&) const
vfunc[18]:	QStyle::itemPixmapRect(QRect const&, int, QPixmap const&) const
vfunc[19]:	QStyle::drawItemText(QPainter*, QRect const&, int, QPalette const&, bool, QString const&, QPalette::ColorRole) const
vfunc[20]:	QStyle::drawItemPixmap(QPainter*, QRect const&, int, QPixmap const&) const
vfunc[21]:	QStyle::standardPalette() const

vfunc[22]:	QCommonStyle::drawPrimitive(QStyle::PrimitiveElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[23]:	QCommonStyle::drawControl(QStyle::ControlElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[24]:	QCommonStyle::subElementRect(QStyle::SubElement, QStyleOption const*, QWidget const*) const
vfunc[25]:	QCommonStyle::drawComplexControl(QStyle::ComplexControl, QStyleOptionComplex const*, QPainter*, QWidget const*) const
vfunc[26]:	QCommonStyle::hitTestComplexControl(QStyle::ComplexControl, QStyleOptionComplex const*, QPoint const&, QWidget const*) const
vfunc[27]:	QCommonStyle::subControlRect(QStyle::ComplexControl, QStyleOptionComplex const*, QStyle::SubControl, QWidget const*) const
vfunc[28]:	QCommonStyle::pixelMetric(QStyle::PixelMetric, QStyleOption const*, QWidget const*) const
vfunc[29]:	QCommonStyle::sizeFromContents(QStyle::ContentsType, QStyleOption const*, QSize const&, QWidget const*) const
vfunc[30]:	QCommonStyle::styleHint(QStyle::StyleHint, QStyleOption const*, QWidget const*, QStyleHintReturn*) const
vfunc[31]:	QCommonStyle::standardPixmap(QStyle::StandardPixmap, QStyleOption const*, QWidget const*) const
vfunc[32]:	QCommonStyle::generatedIconPixmap(QIcon::Mode, QPixmap const&, QStyleOption const*) const

The Run Time Type Information for the QCommonStyle class is described by Table 17-342

Table 17-342 typeinfo for QCommonStyle

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QCommonStyle
basetype:	typeinfo for QStyle

17.4.17.3 Class data for QMotifStyle

The virtual table for the QMotifStyle class is described by Table 17-343

Table 17-343 Primary vtable for QMotifStyle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMotifStyle
vfunc[0]:	QMotifStyle::metaObject() const
vfunc[1]:	QMotifStyle::qt_metacast(char const*)
vfunc[2]:	QMotifStyle::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QMotifStyle::~QMotifStyle()
vfunc[4]:	QMotifStyle::~QMotifStyle()
vfunc[5]:	QMotifStyle::event(QEvent*)
vfunc[6]:	QMotifStyle::eventFilter(QObject*, QEvent*)
vfunc[7]:	QMotifStyle::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QMotifStyle::polish(QWidget*)
vfunc[13]:	QMotifStyle::unpolish(QWidget*)
vfunc[14]:	QMotifStyle::polish(QApplication*)
vfunc[15]:	QMotifStyle::unpolish(QApplication*)
vfunc[16]:	QMotifStyle::polish(QPalette&)
vfunc[17]:	QStyle::itemTextRect(QFontMetrics const&, QRect const&, int, bool, QString const&) const
vfunc[18]:	QStyle::itemPixmapRect(QRect const&, int, QPixmap const&) const
vfunc[19]:	QStyle::drawItemText(QPainter*, QRect const&, int, QPalette const&, bool, QString const&, QPalette::ColorRole) const
vfunc[20]:	QStyle::drawItemPixmap(QPainter*,

	QRect const&, int, QPixmap const&) const
vfunc[21]:	QMotifStyle::standardPalette() const
vfunc[22]:	QMotifStyle::drawPrimitive(QStyle::PrimitiveElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[23]:	QMotifStyle::drawControl(QStyle::ControlElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[24]:	QMotifStyle::subElementRect(QStyle::SubElement, QStyleOption const*, QWidget const*) const
vfunc[25]:	QMotifStyle::drawComplexControl(QStyle::ComplexControl, QStyleOptionComplex const*, QPainter*, QWidget const*) const
vfunc[26]:	QCommonStyle::hitTestComplexControl(QStyle::ComplexControl, QStyleOptionComplex const*, QPoint const&, QWidget const*) const
vfunc[27]:	QMotifStyle::subControlRect(QStyle::ComplexControl, QStyleOptionComplex const*, QStyle::SubControl, QWidget const*) const
vfunc[28]:	QMotifStyle::pixelMetric(QStyle::PixelMetric, QStyleOption const*, QWidget const*) const
vfunc[29]:	QMotifStyle::sizeFromContents(QStyle::ContentsType, QStyleOption const*, QSize const&, QWidget const*) const
vfunc[30]:	QMotifStyle::styleHint(QStyle::StyleHint, QStyleOption const*, QWidget const*, QStyleHintReturn*) const
vfunc[31]:	QMotifStyle::standardPixmap(QStyle::StandardPixmap, QStyleOption const*, QWidget const*) const
vfunc[32]:	QCommonStyle::generatedIconPixmap(QIcon::Mode, QPixmap const&, QStyleOption const*) const

The Run Time Type Information for the QMotifStyle class is described by Table 17-344

Table 17-344 typeinfo for QMotifStyle

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QMotifStyle
basetype:	typeinfo for QCommonStyle

17.4.17.4 Class data for QStyleFactoryInterface

The virtual table for the QStyleFactoryInterface class is described by Table 17-345

Table 17-345 Primary vtable for QStyleFactoryInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStyleFactoryInterface
vfunc[0]:	NULL or QStyleFactoryInterface::~QStyleFactoryInterface()
vfunc[1]:	NULL or QStyleFactoryInterface::~QStyleFactoryInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QStyleFactoryInterface class is described by Table 17-346

Table 17-346 typeinfo for QStyleFactoryInterface

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStyleFactoryInterface
basetype:	typeinfo for QFactoryInterface

17.4.17.5 Class data for QWindowsStyle

The virtual table for the QWindowsStyle class is described by Table 17-347

Table 17-347 Primary vtable for QWindowsStyle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWindowsStyle
vfunc[0]:	QWindowsStyle::metaObject() const
vfunc[1]:	QWindowsStyle::qt_metacast(char const*)
vfunc[2]:	QWindowsStyle::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QWindowsStyle::~QWindowsStyle()
vfunc[4]:	QWindowsStyle::~QWindowsStyle()
vfunc[5]:	QObject::event(QEvent*)

vfunc[6]:	QWindowsStyle::eventFilter(QObject *, QEvent*)
vfunc[7]:	QWindowsStyle::timerEvent(QTimer Event*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWindowsStyle::polish(QWidget*)
vfunc[13]:	QWindowsStyle::unpolish(QWidget*)
vfunc[14]:	QWindowsStyle::polish(QApplicatio n*)
vfunc[15]:	QWindowsStyle::unpolish(QApplica tion*)
vfunc[16]:	QWindowsStyle::polish(QPalette&)
vfunc[17]:	QStyle::itemTextRect(QFontMetrics const&, QRect const&, int, bool, QString const&) const
vfunc[18]:	QStyle::itemPixmapRect(QRect const&, int, QPixmap const&) const
vfunc[19]:	QStyle::drawItemText(QPainter*, QRect const&, int, QPalette const&, bool, QString const&, QPalette::ColorRole) const
vfunc[20]:	QStyle::drawItemPixmap(QPainter*, QRect const&, int, QPixmap const&) const
vfunc[21]:	QStyle::standardPalette() const
vfunc[22]:	QWindowsStyle::drawPrimitive(QSt yle::PrimitiveElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[23]:	QWindowsStyle::drawControl(QStyl e::ControlElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[24]:	QWindowsStyle::subElementRect(Q Style::SubElement, QStyleOption const*, QWidget const*) const
vfunc[25]:	QWindowsStyle::drawComplexCont rol(QStyle::ComplexControl, QStyleOptionComplex const*, QPainter*, QWidget const*) const
vfunc[26]:	QCommonStyle::hitTestComplexCo

© 2008 Linux Foundation

	ntrol(QStyle::ComplexControl, QStyleOptionComplex const*, QPoint const&, QWidget const*) const
vfunc[27]:	QCommonStyle::subControlRect(QStyle::ComplexControl, QStyleOptionComplex const*, QStyle::SubControl, QWidget const*) const
vfunc[28]:	QWindowsStyle::pixelMetric(QStyle::PixelMetric, QStyleOption const*, QWidget const*) const
vfunc[29]:	QWindowsStyle::sizeFromContents(QStyle::ContentsType, QStyleOption const*, QSize const&, QWidget const*) const
vfunc[30]:	QWindowsStyle::styleHint(QStyle::StyleHint, QStyleOption const*, QWidget const*, QStyleHintReturn*) const
vfunc[31]:	QWindowsStyle::standardPixmap(QStyle::StandardPixmap, QStyleOption const*, QWidget const*) const
vfunc[32]:	QCommonStyle::generatedIconPixmap(QIcon::Mode, QPixmap const&, QStyleOption const*) const

The Run Time Type Information for the QWindowsStyle class is described by Table 17-348

Table 17-348 typeinfo for QWindowsStyle

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWindowsStyle
basetype:	typeinfo for QCommonStyle

17.4.17.6 Class data for QCDEStyle

The virtual table for the QCDEStyle class is described by Table 17-349

Table 17-349 Primary vtable for QCDEStyle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCDEStyle
vfunc[0]:	QCDEStyle::metaObject() const
vfunc[1]:	QCDEStyle::qt_metacast(char const*)
vfunc[2]:	QCDEStyle::qt_metacall(QMetaObject::Call, int, void**)

vfunc[3]:	QCDEStyle::~QCDEStyle()
vfunc[4]:	QCDEStyle::~QCDEStyle()
vfunc[5]:	QMotifStyle::event(QEvent*)
vfunc[6]:	QMotifStyle::eventFilter(QObject*, QEvent*)
vfunc[7]:	QMotifStyle::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QMotifStyle::polish(QWidget*)
vfunc[13]:	QMotifStyle::unpolish(QWidget*)
vfunc[14]:	QMotifStyle::polish(QApplication*)
vfunc[15]:	QMotifStyle::unpolish(QApplication*)
vfunc[16]:	QMotifStyle::polish(QPalette&)
vfunc[17]:	QStyle::itemTextRect(QFontMetrics const&, QRect const&, int, bool, QString const&) const
vfunc[18]:	QStyle::itemPixmapRect(QRect const&, int, QPixmap const&) const
vfunc[19]:	QStyle::drawItemText(QPainter*, QRect const&, int, QPalette const&, bool, QString const&, QPalette::ColorRole) const
vfunc[20]:	QStyle::drawItemPixmap(QPainter*, QRect const&, int, QPixmap const&) const
vfunc[21]:	QCDEStyle::standardPalette() const
vfunc[22]:	QCDEStyle::drawPrimitive(QStyle::PrimitiveElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[23]:	QCDEStyle::drawControl(QStyle::ControlElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[24]:	QMotifStyle::subElementRect(QStyle::SubElement, QStyleOption const*, QWidget const*) const
vfunc[25]:	QMotifStyle::drawComplexControl(QStyle::ComplexControl, QStyleOptionComplex const*, QPainter*, QWidget const*) const

© 2008 Linux Foundation

vfunc[26]:	QCommonStyle::hitTestComplexControl(QStyle::ComplexControl, QStyleOptionComplex const*, QPoint const&, QWidget const*) const
vfunc[27]:	QMotifStyle::subControlRect(QStyle::ComplexControl, QStyleOptionComplex const*, QStyle::SubControl, QWidget const*) const
vfunc[28]:	QCDEStyle::pixelMetric(QStyle::PixelMetric, QStyleOption const*, QWidget const*) const
vfunc[29]:	QMotifStyle::sizeFromContents(QStyle::ContentsType, QStyleOption const*, QSize const&, QWidget const*) const
vfunc[30]:	QMotifStyle::styleHint(QStyle::StyleHint, QStyleOption const*, QWidget const*, QStyleHintReturn*) const
vfunc[31]:	QMotifStyle::standardPixmap(QStyle::StandardPixmap, QStyleOption const*, QWidget const*) const
vfunc[32]:	QCommonStyle::generatedIconPixmap(QIcon::Mode, QPixmap const&, QStyleOption const*) const

The Run Time Type Information for the QCDEStyle class is described by Table 17-350

Table 17-350 typeinfo for QCDEStyle

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCDEStyle
basetype:	typeinfo for QMotifStyle

17.4.17.7 Class data for QPlastiqueStyle

The virtual table for the QPlastiqueStyle class is described by Table 17-351

Table 17-351 Primary vtable for QPlastiqueStyle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPlastiqueStyle
vfunc[0]:	QPlastiqueStyle::metaObject() const
vfunc[1]:	QPlastiqueStyle::qt_metacast(char const*)
vfunc[2]:	QPlastiqueStyle::qt_metacall(QMetaObject::Call, int, void**)

vfunc[3]:	QPlastiqueStyle::~QPlastiqueStyle()
vfunc[4]:	QPlastiqueStyle::~QPlastiqueStyle()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QPlastiqueStyle::eventFilter(QObject *, QEvent*)
vfunc[7]:	QPlastiqueStyle::timerEvent(QTimer Event*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QPlastiqueStyle::polish(QWidget*)
vfunc[13]:	QPlastiqueStyle::unpolish(QWidget*)
vfunc[14]:	QPlastiqueStyle::polish(QApplicatio n*)
vfunc[15]:	QPlastiqueStyle::unpolish(QApplicat ion*)
vfunc[16]:	QPlastiqueStyle::polish(QPalette&)
vfunc[17]:	QStyle::itemTextRect(QFontMetrics const&, QRect const&, int, bool, QString const&) const
vfunc[18]:	QStyle::itemPixmapRect(QRect const&, int, QPixmap const&) const
vfunc[19]:	QStyle::drawItemText(QPainter*, QRect const&, int, QPalette const&, bool, QString const&, QPalette::ColorRole) const
vfunc[20]:	QStyle::drawItemPixmap(QPainter*, QRect const&, int, QPixmap const&) const
vfunc[21]:	QPlastiqueStyle::standardPalette() const
vfunc[22]:	QPlastiqueStyle::drawPrimitive(QSt yle::PrimitiveElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[23]:	QPlastiqueStyle::drawControl(QStyl e::ControlElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[24]:	QPlastiqueStyle::subElementRect(QS tyle::SubElement, QStyleOption const*, QWidget const*) const
vfunc[25]:	QPlastiqueStyle::drawComplexContr

© 2008 Linux Foundation

	ol(QStyle::ComplexControl, QStyleOptionComplex const*, QPainter*, QWidget const*) const
vfunc[26]:	QPlastiqueStyle::hitTestComplexControl(QStyle::ComplexControl, QStyleOptionComplex const*, QPoint const&, QWidget const*) const
vfunc[27]:	QPlastiqueStyle::subControlRect(QStyle::ComplexControl, QStyleOptionComplex const*, QStyle::SubControl, QWidget const*) const
vfunc[28]:	QPlastiqueStyle::pixelMetric(QStyle::PixelMetric, QStyleOption const*, QWidget const*) const
vfunc[29]:	QPlastiqueStyle::sizeFromContents(QStyle::ContentsType, QStyleOption const*, QSize const&, QWidget const*) const
vfunc[30]:	QPlastiqueStyle::styleHint(QStyle::StyleHint, QStyleOption const*, QWidget const*, QStyleHintReturn*) const
vfunc[31]:	QWindowsStyle::standardPixmap(QStyle::StandardPixmap, QStyleOption const*, QWidget const*) const
vfunc[32]:	QCommonStyle::generatedIconPixmap(QIcon::Mode, QPixmap const&, QStyleOption const*) const

The Run Time Type Information for the QPlastiqueStyle class is described by Table 17-352

Table 17-352 typeinfo for QPlastiqueStyle

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPlastiqueStyle
basetype:	typeinfo for QWindowsStyle

17.4.17.8 Class data for QCleanlooksStyle

The virtual table for the QCleanlooksStyle class is described by Table 17-353

Table 17-353 Primary vtable for QCleanlooksStyle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCleanlooksStyle

vfunc[0]:	QCleanlooksStyle::metaObject() const
vfunc[1]:	QCleanlooksStyle::qt_metacast(char const*)
vfunc[2]:	QCleanlooksStyle::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QCleanlooksStyle::~QCleanlooksStyle()
vfunc[4]:	QCleanlooksStyle::~QCleanlooksStyle()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QWindowsStyle::eventFilter(QObject*, QEvent*)
vfunc[7]:	QWindowsStyle::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QCleanlooksStyle::polish(QWidget*)
vfunc[13]:	QCleanlooksStyle::unpolish(QWidget*)
vfunc[14]:	QCleanlooksStyle::polish(QApplication*)
vfunc[15]:	QCleanlooksStyle::unpolish(QApplication*)
vfunc[16]:	QCleanlooksStyle::polish(QPalette&)
vfunc[17]:	QStyle::itemTextRect(QFontMetrics const&, QRect const&, int, bool, QString const&) const
vfunc[18]:	QCleanlooksStyle::itemPixmapRect(QRect const&, int, QPixmap const&) const
vfunc[19]:	QCleanlooksStyle::drawItemText(QPainter*, QRect const&, int, QPalette const&, bool, QString const&, QPalette::ColorRole) const
vfunc[20]:	QCleanlooksStyle::drawItemPixmap(QPainter*, QRect const&, int, QPixmap const&) const
vfunc[21]:	QCleanlooksStyle::standardPalette() const
vfunc[22]:	QCleanlooksStyle::drawPrimitive(QStyle::PrimitiveElement, QStyleOption const*, QPainter*,

© 2008 Linux Foundation

	QWidget const*) const
vfunc[23]:	QCleanlooksStyle::drawControl(QStyle::ControlElement, QStyleOption const*, QPainter*, QWidget const*) const
vfunc[24]:	QCleanlooksStyle::subElementRect(QStyle::SubElement, QStyleOption const*, QWidget const*) const
vfunc[25]:	QCleanlooksStyle::drawComplexControl(QStyle::ComplexControl, QStyleOptionComplex const*, QPainter*, QWidget const*) const
vfunc[26]:	QCleanlooksStyle::hitTestComplexControl(QStyle::ComplexControl, QStyleOptionComplex const*, QPoint const&, QWidget const*) const
vfunc[27]:	QCleanlooksStyle::subControlRect(QStyle::ComplexControl, QStyleOptionComplex const*, QStyle::SubControl, QWidget const*) const
vfunc[28]:	QCleanlooksStyle::pixelMetric(QStyle::PixelMetric, QStyleOption const*, QWidget const*) const
vfunc[29]:	QCleanlooksStyle::sizeFromContents(QStyle::ContentsType, QStyleOption const*, QSize const&, QWidget const*) const
vfunc[30]:	QCleanlooksStyle::styleHint(QStyle::StyleHint, QStyleOption const*, QWidget const*, QStyleHintReturn*) const
vfunc[31]:	QCleanlooksStyle::standardPixmap(QStyle::StandardPixmap, QStyleOption const*, QWidget const*) const
vfunc[32]:	QCleanlooksStyle::generatedIconPixmap(QIcon::Mode, QPixmap const&, QStyleOption const*) const

17.4.17.9 Interfaces for Qt4 Style

An LSB conforming implementation shall provide the generic functions for Qt4 Style specified in Table 17-354, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-354 libQtGui - Qt4 Style Function Interfaces

_ZN11QMotifStyle10timerEventEP11QTimerEvent [QtGui]	_ZN11QMotifStyle11eventFilterEP7QObjectP6QEvent [QtGui]

_ZN11QMotifStyle11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN11QMotifStyle11qt_metacastEPKc [QtGui]
_ZN11QMotifStyle21setUseHighlightColorsEb [QtGui]	_ZN11QMotifStyle5eventEP6QEvent [QtGui]
_ZN11QMotifStyle6polishEP12QApplication [QtGui]	_ZN11QMotifStyle6polishEP7QWidget [QtGui]
_ZN11QMotifStyle6polishER8QPalette [QtGui]	_ZN11QMotifStyle8unpolishEP12QApplication [QtGui]
_ZN11QMotifStyle8unpolishEP7QWidget [QtGui]	_ZN11QMotifStyleC1Eb [QtGui]
_ZN11QMotifStyleC2Eb [QtGui]	_ZN11QMotifStyleD0Ev [QtGui]
_ZN11QMotifStyleD1Ev [QtGui]	_ZN11QMotifStyleD2Ev [QtGui]
_ZN12QCommonStyle11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN12QCommonStyle11qt_metacastEPKc [QtGui]
_ZN12QCommonStyleC1Ev [QtGui]	_ZN12QCommonStyleC2Ev [QtGui]
_ZN12QCommonStyleD0Ev [QtGui]	_ZN12QCommonStyleD1Ev [QtGui]
_ZN12QCommonStyleD2Ev [QtGui]	_ZN12QStyleOption4initEPK7QWidget [QtGui]
ZN12QStyleOptionC1ERKS [QtGui]	_ZN12QStyleOptionC1Eii [QtGui]
ZN12QStyleOptionC2ERKS [QtGui]	_ZN12QStyleOptionC2Eii [QtGui]
_ZN12QStyleOptionD1Ev [QtGui]	_ZN12QStyleOptionD2Ev [QtGui]
ZN12QStyleOptionaSERKS [QtGui]	_ZN13QStyleFactory4keysEv [QtGui]
_ZN13QStyleFactory6createERK7QString [QtGui]	_ZN13QWindowsStyle10timerEventEP11QTimerEvent [QtGui]
_ZN13QWindowsStyle11eventFilterEP7QObjectP6QEvent [QtGui]	_ZN13QWindowsStyle11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN13QWindowsStyle11qt_metacastEPKc [QtGui]	_ZN13QWindowsStyle6polishEP12QApplication [QtGui]
_ZN13QWindowsStyle6polishEP7QWidget [QtGui]	_ZN13QWindowsStyle6polishER8QPalette [QtGui]
_ZN13QWindowsStyle8unpolishEP12QApplication [QtGui]	_ZN13QWindowsStyle8unpolishEP7QWidget [QtGui]
_ZN13QWindowsStyleC1Ev [QtGui]	_ZN13QWindowsStyleC2Ev [QtGui]
_ZN13QWindowsStyleD0Ev [QtGui]	_ZN13QWindowsStyleD1Ev [QtGui]
_ZN13QWindowsStyleD2Ev [QtGui]	_ZN15QPlastiqueStyle10timerEventEP11QTimerEvent [QtGui]
_ZN15QPlastiqueStyle11eventFilterEP7QObjectP6QEvent [QtGui]	_ZN15QPlastiqueStyle11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN15QPlastiqueStyle11qt_metacast	_ZN15QPlastiqueStyle6polishEP12Q

EPKc [QtGui]	Application [QtGui]
_ZN15QPlastiqueStyle6polishEP7QWidget [QtGui]	_ZN15QPlastiqueStyle6polishER8QPalette [QtGui]
_ZN15QPlastiqueStyle8unpolishEP12QApplication [QtGui]	_ZN15QPlastiqueStyle8unpolishEP7QWidget [QtGui]
_ZN15QPlastiqueStyleC1Ev [QtGui]	_ZN15QPlastiqueStyleC2Ev [QtGui]
_ZN15QPlastiqueStyleD0Ev [QtGui]	_ZN15QPlastiqueStyleD1Ev [QtGui]
_ZN15QPlastiqueStyleD2Ev [QtGui]	_ZN15QStyleOptionTabC1Ei [QtGui]
_ZN15QStyleOptionTabC1Ev [QtGui]	_ZN15QStyleOptionTabC2Ei [QtGui]
_ZN15QStyleOptionTabC2Ev [QtGui]	_ZN16QCleanlooksStyle11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN16QCleanlooksStyle11qt_metacastEPKc [QtXml]	_ZN16QCleanlooksStyle6polishEP12QApplication [QtXml]
_ZN16QCleanlooksStyle6polishEP7QWidget [QtXml]	_ZN16QCleanlooksStyle6polishER8QPalette [QtXml]
_ZN16QCleanlooksStyle8unpolishEP12QApplication [QtXml]	_ZN16QCleanlooksStyle8unpolishEP7QWidget [QtXml]
_ZN16QCleanlooksStyleC1Ev [QtXml]	_ZN16QCleanlooksStyleC2Ev [QtXml]
_ZN16QCleanlooksStyleD0Ev [QtXml]	_ZN16QCleanlooksStyleD1Ev [QtXml]
_ZN16QCleanlooksStyleD2Ev [QtXml]	_ZN16QStyleHintReturnC1Eii [QtGui]
_ZN16QStyleHintReturnC2Eii [QtGui]	_ZN16QStyleHintReturnD1Ev [QtGui]
_ZN16QStyleHintReturnD2Ev [QtGui]	_ZN17QStyleOptionFrameC1Ei [QtGui]
_ZN17QStyleOptionFrameC1Ev [QtGui]	_ZN17QStyleOptionFrameC2Ei [QtGui]
_ZN17QStyleOptionFrameC2Ev [QtGui]	_ZN17QStyleOptionTabV2C1ERK15QStyleOptionTab [QtGui]
_ZN17QStyleOptionTabV2C1Ei [QtGui]	_ZN17QStyleOptionTabV2C1Ev [QtGui]
_ZN17QStyleOptionTabV2C2ERK15QStyleOptionTab [QtGui]	_ZN17QStyleOptionTabV2C2Ei [QtGui]
_ZN17QStyleOptionTabV2C2Ev [QtGui]	_ZN17QStyleOptionTabV2aSERK15QStyleOptionTab [QtGui]
_ZN18QStyleOptionButtonC1Ei [QtGui]	_ZN18QStyleOptionButtonC1Ev [QtGui]
_ZN18QStyleOptionButtonC2Ei [QtGui]	_ZN18QStyleOptionButtonC2Ev [QtGui]
_ZN18QStyleOptionHeaderC1Ei	_ZN18QStyleOptionHeaderC1Ev

[QtGui]	[QtGui]
_ZN18QStyleOptionHeaderC2Ei [QtGui]	_ZN18QStyleOptionHeaderC2Ev [QtGui]
_ZN18QStyleOptionSliderC1Ei [QtGui]	_ZN18QStyleOptionSliderC1Ev [QtGui]
_ZN18QStyleOptionSliderC2Ei [QtGui]	_ZN18QStyleOptionSliderC2Ev [QtGui]
_ZN19QStyleOptionComplexC1Eii [QtGui]	_ZN19QStyleOptionComplexC2Eii [QtGui]
_ZN19QStyleOptionFrameV2C1ERK 17QStyleOptionFrame [QtGui]	_ZN19QStyleOptionFrameV2C1Ei [QtGui]
_ZN19QStyleOptionFrameV2C1Ev [QtGui]	_ZN19QStyleOptionFrameV2C2ERK 17QStyleOptionFrame [QtGui]
_ZN19QStyleOptionFrameV2C2Ei [QtGui]	_ZN19QStyleOptionFrameV2C2Ev [QtGui]
_ZN19QStyleOptionFrameV2aSERK 17QStyleOptionFrame [QtGui]	_ZN19QStyleOptionSpinBoxC1Ei [QtGui]
_ZN19QStyleOptionSpinBoxC1Ev [QtGui]	_ZN19QStyleOptionSpinBoxC2Ei [QtGui]
_ZN19QStyleOptionSpinBoxC2Ev [QtGui]	_ZN19QStyleOptionToolBarC1Ei [QtGui]
_ZN19QStyleOptionToolBarC1Ev [QtGui]	_ZN19QStyleOptionToolBarC2Ei [QtGui]
_ZN19QStyleOptionToolBarC2Ev [QtGui]	_ZN19QStyleOptionToolBoxC1Ei [QtGui]
_ZN19QStyleOptionToolBoxC1Ev [QtGui]	_ZN19QStyleOptionToolBoxC2Ei [QtGui]
_ZN19QStyleOptionToolBoxC2Ev [QtGui]	_ZN20QStyleHintReturnMaskC1Ev [QtGui]
_ZN20QStyleHintReturnMaskC2Ev [QtGui]	_ZN20QStyleOptionComboBoxC1Ei [QtGui]
_ZN20QStyleOptionComboBoxC1Ev [QtGui]	_ZN20QStyleOptionComboBoxC2Ei [QtGui]
_ZN20QStyleOptionComboBoxC2Ev [QtGui]	_ZN20QStyleOptionGroupBoxC1Ei [QtGui]
_ZN20QStyleOptionGroupBoxC1Ev [QtGui]	_ZN20QStyleOptionGroupBoxC2Ei [QtGui]
_ZN20QStyleOptionGroupBoxC2Ev [QtGui]	_ZN20QStyleOptionMenuItemC1Ei [QtGui]
_ZN20QStyleOptionMenuItemC1Ev [QtGui]	_ZN20QStyleOptionMenuItemC2Ei [QtGui]
_ZN20QStyleOptionMenuItemC2Ev [QtGui]	_ZN20QStyleOptionTitleBarC1Ei [QtGui]
_ZN20QStyleOptionTitleBarC1Ev [QtGui]	_ZN20QStyleOptionTitleBarC2Ei [QtGui]

© 2008 Linux Foundation

_ZN20QStyleOptionTitleBarC2Ev [QtGui]	_ZN20QStyleOptionViewItemC1Ei [QtGui]
_ZN20QStyleOptionViewItemC1Ev [QtGui]	_ZN20QStyleOptionViewItemC2Ei [QtGui]
_ZN20QStyleOptionViewItemC2Ev [QtGui]	_ZN21QStyleOptionFocusRectC1Ei [QtGui]
_ZN21QStyleOptionFocusRectC1Ev [QtGui]	_ZN21QStyleOptionFocusRectC2Ei [QtGui]
_ZN21QStyleOptionFocusRectC2Ev [QtGui]	_ZN22QStyleOptionDockWidgetC1Ei [QtGui]
_ZN22QStyleOptionDockWidgetC1Ev [QtGui]	_ZN22QStyleOptionDockWidgetC2Ei [QtGui]
_ZN22QStyleOptionDockWidgetC2Ev [QtGui]	_ZN22QStyleOptionQ3ListViewC1Ei [QtGui]
_ZN22QStyleOptionQ3ListViewC1Ev [QtGui]	_ZN22QStyleOptionQ3ListViewC2Ei [QtGui]
_ZN22QStyleOptionQ3ListViewC2Ev [QtGui]	_ZN22QStyleOptionRubberBandC1Ei [QtGui]
_ZN22QStyleOptionRubberBandC1Ev [QtGui]	_ZN22QStyleOptionRubberBandC2Ei [QtGui]
_ZN22QStyleOptionRubberBandC2Ev [QtGui]	_ZN22QStyleOptionTabBarBaseC1Ei [QtGui]
_ZN22QStyleOptionTabBarBaseC1Ev [QtGui]	_ZN22QStyleOptionTabBarBaseC2Ei [QtGui]
_ZN22QStyleOptionTabBarBaseC2Ev [QtGui]	_ZN22QStyleOptionToolButtonC1Ei [QtGui]
_ZN22QStyleOptionToolButtonC1Ev [QtGui]	_ZN22QStyleOptionToolButtonC2Ei [QtGui]
_ZN22QStyleOptionToolButtonC2Ev [QtGui]	_ZN22QStyleOptionViewItemV2C1ERK20QStyleOptionViewItem [QtXml]
_ZN22QStyleOptionViewItemV2C1Ei [QtXml]	_ZN22QStyleOptionViewItemV2C1Ev [QtXml]
_ZN22QStyleOptionViewItemV2C2ERK20QStyleOptionViewItem [QtXml]	_ZN22QStyleOptionViewItemV2C2Ei [QtXml]
_ZN22QStyleOptionViewItemV2C2Ev [QtXml]	_ZN22QStyleOptionViewItemV2aSERK20QStyleOptionViewItem [QtXml]
_ZN23QStyleOptionProgressBarC1Ei [QtGui]	_ZN23QStyleOptionProgressBarC1Ev [QtGui]
_ZN23QStyleOptionProgressBarC2Ei [QtGui]	_ZN23QStyleOptionProgressBarC2Ev [QtGui]
_ZN24QStyleOptionGraphicsItemC1Ei [QtXml]	_ZN24QStyleOptionGraphicsItemC1Ev [QtXml]
_ZN24QStyleOptionGraphicsItemC2	_ZN24QStyleOptionGraphicsItemC2

Ei [QtXml]	Ev [QtXml]
_ZN24QStyleOptionQ3DockWindowC1Ei [QtGui]	_ZN24QStyleOptionQ3DockWindowC1Ev [QtGui]
_ZN24QStyleOptionQ3DockWindowC2Ei [QtGui]	_ZN24QStyleOptionQ3DockWindowC2Ev [QtGui]
_ZN25QStyleOptionProgressBarV2C1ERK23QStyleOptionProgressBar [QtGui]	_ZN25QStyleOptionProgressBarV2C1ERKS_ [QtGui]
_ZN25QStyleOptionProgressBarV2C1Ei [QtGui]	_ZN25QStyleOptionProgressBarV2C1Ev [QtGui]
_ZN25QStyleOptionProgressBarV2C2ERK23QStyleOptionProgressBar [QtGui]	_ZN25QStyleOptionProgressBarV2C2ERKS_ [QtGui]
_ZN25QStyleOptionProgressBarV2C2Ei [QtGui]	_ZN25QStyleOptionProgressBarV2C2Ev [QtGui]
_ZN25QStyleOptionProgressBarV2aSERK23QStyleOptionProgressBar [QtGui]	_ZN26QStyleOptionQ3ListViewItemC1Ei [QtGui]
_ZN26QStyleOptionQ3ListViewItemC1Ev [QtGui]	_ZN26QStyleOptionQ3ListViewItemC2Ei [QtGui]
_ZN26QStyleOptionQ3ListViewItemC2Ev [QtGui]	_ZN26QStyleOptionTabWidgetFrameC1Ei [QtGui]
_ZN26QStyleOptionTabWidgetFrameC1Ev [QtGui]	_ZN26QStyleOptionTabWidgetFrameC2Ei [QtGui]
_ZN26QStyleOptionTabWidgetFrameC2Ev [QtGui]	_ZN6QStyle10visualRectEN2Qt15LayoutDirectionERK5QRectS4_ [QtGui]
_ZN6QStyle11alignedRectEN2Qt15LayoutDirectionE6QFlagsINS0_13AlignmentFlagEERK5QSizeRK5QRect [QtGui]	_ZN6QStyle11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN6QStyle11qt_metacastEPKc [QtGui]	_ZN6QStyle15visualAlignmentEN2Qt15LayoutDirectionE6QFlagsINS0_13AlignmentFlagEE [QtGui]
_ZN6QStyle23sliderPositionFromValueEiiiib [QtGui]	_ZN6QStyle23sliderValueFromPositionEiiiib [QtGui]
_ZN6QStyle6polishEP12QApplication [QtGui]	_ZN6QStyle6polishEP7QWidget [QtGui]
_ZN6QStyle6polishER8QPalette [QtGui]	_ZN6QStyle8unpolishEP12QApplication [QtGui]
_ZN6QStyle8unpolishEP7QWidget [QtGui]	_ZN6QStyle9visualPosEN2Qt15LayoutDirectionERK5QRectRK6QPoint [QtGui]
_ZN6QStyleC1Ev [QtGui]	_ZN6QStyleC2Ev [QtGui]
_ZN6QStyleD0Ev [QtGui]	_ZN6QStyleD1Ev [QtGui]
_ZN6QStyleD2Ev [QtGui]	_ZN9QCDEStyle11qt_metacallEN11

	QMetaObject4CallEiPPv [QtGui]
_ZN9QCDEStyle11qt_metacastEPKc [QtGui]	_ZN9QCDEStyleC1Eb [QtGui]
_ZN9QCDEStyleC2Eb [QtGui]	_ZN9QCDEStyleD0Ev [QtGui]
_ZN9QCDEStyleD1Ev [QtGui]	_ZN9QCDEStyleD2Ev [QtGui]
_ZNK11QMotifStyle10metaObjectEv [QtGui]	_ZNK11QMotifStyle11drawControlEN6QStyle14ControlElementEPK12QStyleOptionP8QPainterPK7QWidget [QtGui]
_ZNK11QMotifStyle11pixelMetricEN6QStyle11PixelMetricEPK12QStyleOptionPK7QWidget [QtGui]	_ZNK11QMotifStyle13drawPrimitiveEN6QStyle16PrimitiveElementEPK12QStyleOptionP8QPainterPK7QWidget [QtGui]
_ZNK11QMotifStyle14standardPixmapEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtGui]	_ZNK11QMotifStyle14subControlRectEN6QStyle14ComplexControlEPK19QStyleOptionComplexNS0_10SubControlEPK7QWidget [QtGui]
_ZNK11QMotifStyle14subElementRectEN6QStyle10SubElementEPK12QStyleOptionPK7QWidget [QtGui]	_ZNK11QMotifStyle15standardPaletteEv [QtGui]
_ZNK11QMotifStyle16sizeFromContentsEN6QStyle12ContentsTypeEPK12QStyleOptionRK5QSizePK7QWidget [QtGui]	_ZNK11QMotifStyle18drawComplexControlEN6QStyle14ComplexControlEPK19QStyleOptionComplexP8QPainterPK7QWidget [QtGui]
_ZNK11QMotifStyle18useHighlightColorsEv [QtGui]	_ZNK11QMotifStyle26standardIconImplementationEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtXml]
_ZNK11QMotifStyle9styleHintEN6QStyle9StyleHintEPK12QStyleOptionPK7QWidgetP16QStyleHintReturn [QtGui]	_ZNK12QCommonStyle10metaObjectEv [QtGui]
_ZNK12QCommonStyle11drawControlEN6QStyle14ControlElementEPK12QStyleOptionP8QPainterPK7QWidget [QtGui]	_ZNK12QCommonStyle11pixelMetricEN6QStyle11PixelMetricEPK12QStyleOptionPK7QWidget [QtGui]
_ZNK12QCommonStyle13drawPrimitiveEN6QStyle16PrimitiveElementEPK12QStyleOptionP8QPainterPK7QWidget [QtGui]	_ZNK12QCommonStyle14standardPixmapEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtGui]
_ZNK12QCommonStyle14subControlRectEN6QStyle14ComplexControlEPK19QStyleOptionComplexNS0_10SubControlEPK7QWidget [QtGui]	_ZNK12QCommonStyle14subElementRectEN6QStyle10SubElementEPK12QStyleOptionPK7QWidget [QtGui]
_ZNK12QCommonStyle16sizeFromContentsEN6QStyle12ContentsTypeEPK12QStyleOptionRK5QSizePK7QWidget [QtGui]	_ZNK12QCommonStyle18drawComplexControlEN6QStyle14ComplexControlEPK19QStyleOptionComplexP8QPainterPK7QWidget [QtGui]

_ZNK12QCommonStyle19generatedIconPixmapEN5QIcon4ModeERK7QPixmapPK12QStyleOption [QtGui]	_ZNK12QCommonStyle21hitTestComplexControlEN6QStyle14ComplexControlEPK19QStyleOptionComplexRK6QPointPK7QWidget [QtGui]
_ZNK12QCommonStyle26standardIconImplementationEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtXml]	_ZNK12QCommonStyle9styleHintEN6QStyle9StyleHintEPK12QStyleOptionPK7QWidgetP16QStyleHintReturn [QtGui]
_ZNK13QWindowsStyle10metaObjectEv [QtGui]	_ZNK13QWindowsStyle11drawControlEN6QStyle14ControlElementEPK12QStyleOptionP8QPainterPK7QWidget [QtGui]
_ZNK13QWindowsStyle11pixelMetricEN6QStyle11PixelMetricEPK12QStyleOptionPK7QWidget [QtGui]	_ZNK13QWindowsStyle13drawPrimitiveEN6QStyle16PrimitiveElementEPK12QStyleOptionP8QPainterPK7QWidget [QtGui]
_ZNK13QWindowsStyle14standardPixmapEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtGui]	_ZNK13QWindowsStyle14subElementRectEN6QStyle10SubElementEPK12QStyleOptionPK7QWidget [QtGui]
_ZNK13QWindowsStyle16sizeFromContentsEN6QStyle12ContentsTypeEPK12QStyleOptionRK5QSizePK7QWidget [QtGui]	_ZNK13QWindowsStyle18drawComplexControlEN6QStyle14ComplexControlEPK19QStyleOptionComplexP8QPainterPK7QWidget [QtGui]
_ZNK13QWindowsStyle26standardIconImplementationEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtXml]	_ZNK13QWindowsStyle9styleHintEN6QStyle9StyleHintEPK12QStyleOptionPK7QWidgetP16QStyleHintReturn [QtGui]
_ZNK15QPlastiqueStyle10metaObjectEv [QtGui]	_ZNK15QPlastiqueStyle11drawControlEN6QStyle14ControlElementEPK12QStyleOptionP8QPainterPK7QWidget [QtGui]
_ZNK15QPlastiqueStyle11pixelMetricEN6QStyle11PixelMetricEPK12QStyleOptionPK7QWidget [QtGui]	_ZNK15QPlastiqueStyle13drawPrimitiveEN6QStyle16PrimitiveElementEPK12QStyleOptionP8QPainterPK7QWidget [QtGui]
_ZNK15QPlastiqueStyle14standardPixmapEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtXml]	_ZNK15QPlastiqueStyle14subControlRectEN6QStyle14ComplexControlEPK19QStyleOptionComplexNS0_10SubControlEPK7QWidget [QtGui]
_ZNK15QPlastiqueStyle14subElementRectEN6QStyle10SubElementEPK12QStyleOptionPK7QWidget [QtGui]	_ZNK15QPlastiqueStyle15standardPaletteEv [QtGui]
_ZNK15QPlastiqueStyle16sizeFromContentsEN6QStyle12ContentsTypeEPK12QStyleOptionRK5QSizePK7QWidget [QtGui]	_ZNK15QPlastiqueStyle18drawComplexControlEN6QStyle14ComplexControlEPK19QStyleOptionComplexP8QPainterPK7QWidget [QtGui]
_ZNK15QPlastiqueStyle21hitTestCo	_ZNK15QPlastiqueStyle26standardI

mplexControlEN6QStyle14ComplexControlEPK19QStyleOptionComplexRK6QPointPK7QWidget [QtGui]	conImplementationEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtXml]
_ZNK15QPlastiqueStyle9styleHintEN6QStyle9StyleHintEPK12QStyleOptionPK7QWidgetP16QStyleHintReturn [QtGui]	_ZNK16QCleanlooksStyle10metaObjectEv [QtXml]
_ZNK16QCleanlooksStyle11drawControlEN6QStyle14ControlElementEPK12QStyleOptionP8QPainterPK7QWidget [QtXml]	_ZNK16QCleanlooksStyle11pixelMetricEN6QStyle11PixelMetricEPK12QStyleOptionPK7QWidget [QtXml]
_ZNK16QCleanlooksStyle12drawItemTextEP8QPainterRK5QRectiRK8QPalettebRK7QStringNS5_9ColorRoleE [QtXml]	_ZNK16QCleanlooksStyle13drawPrimitiveEN6QStyle16PrimitiveElementEPK12QStyleOptionP8QPainterPK7QWidget [QtXml]
_ZNK16QCleanlooksStyle14drawItemPixmapEP8QPainterRK5QRectiRK7QPixmap [QtXml]	_ZNK16QCleanlooksStyle14itemPixmapRectERK5QRectiRK7QPixmap [QtXml]
_ZNK16QCleanlooksStyle14standardPixmapEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtXml]	_ZNK16QCleanlooksStyle14subControlRectEN6QStyle14ComplexControlEPK19QStyleOptionComplexNS0_10SubControlEPK7QWidget [QtXml]
_ZNK16QCleanlooksStyle14subElementRectEN6QStyle10SubElementEPK12QStyleOptionPK7QWidget [QtXml]	_ZNK16QCleanlooksStyle15standardPaletteEv [QtXml]
_ZNK16QCleanlooksStyle16sizeFromContentsEN6QStyle12ContentsTypeEPK12QStyleOptionRK5QSizePK7QWidget [QtXml]	_ZNK16QCleanlooksStyle18drawComplexControlEN6QStyle14ComplexControlEPK19QStyleOptionComplexP8QPainterPK7QWidget [QtXml]
_ZNK16QCleanlooksStyle19generatedIconPixmapEN5QIcon4ModeERK7QPixmapPK12QStyleOption [QtXml]	_ZNK16QCleanlooksStyle21hitTestComplexControlEN6QStyle14ComplexControlEPK19QStyleOptionComplexRK6QPointPK7QWidget [QtXml]
_ZNK16QCleanlooksStyle26standardIconImplementationEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtXml]	_ZNK16QCleanlooksStyle9styleHintEN6QStyle9StyleHintEPK12QStyleOptionPK7QWidgetP16QStyleHintReturn [QtXml]
_ZNK6QStyle10metaObjectEv [QtGui]	_ZNK6QStyle12drawItemTextEP8QPainterRK5QRectiRK8QPalettebRK7QStringNS5_9ColorRoleE [QtGui]
_ZNK6QStyle12itemTextRectERK12QFontMetricsRK5QRectibRK7QString [QtGui]	_ZNK6QStyle12standardIconENS_14StandardPixmapEPK12QStyleOptionPK7QWidget [QtGui]
_ZNK6QStyle14drawItemPixmapEP8QPainterRK5QRectiRK7QPixmap [QtGui]	_ZNK6QStyle14itemPixmapRectERK5QRectiRK7QPixmap [QtGui]
_ZNK6QStyle15standardPaletteEv	_ZNK6QStyle26standardIconImple

[QtGui]	mentationENS_14StandardPixmapEPK12QStyleOptionPK7QWidget [QtGui]
_ZNK9QCDEStyle10metaObjectEv [QtGui]	_ZNK9QCDEStyle11drawControlEN6QStyle14ControlElementEPK12QStyleOptionP8QPainterPK7QWidget [QtGui]
_ZNK9QCDEStyle11pixelMetricEN6QStyle11PixelMetricEPK12QStyleOptionPK7QWidget [QtGui]	_ZNK9QCDEStyle13drawPrimitiveEN6QStyle16PrimitiveElementEPK12QStyleOptionP8QPainterPK7QWidget [QtGui]
_ZNK9QCDEStyle15standardPaletteEv [QtGui]	_ZNK9QCDEStyle26standardIconImplementationEN6QStyle14StandardPixmapEPK12QStyleOptionPK7QWidget [QtXml]

17.4.18 Qt4 Text

17.4.18.1 Class data for QTextObject

The virtual table for the QTextObject class is described by Table 17-355

Table 17-355 Primary vtable for QTextObject

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextObject
vfunc[0]:	QTextObject::metaObject() const
vfunc[1]:	QTextObject::qt_metacast(char const*)
vfunc[2]:	QTextObject::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTextObject::~QTextObject()
vfunc[4]:	QTextObject::~QTextObject()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QTextObject class is described by Table 17-356

Table 17-356 typeinfo for QTextObject

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextObject
basetype:	typeinfo for QObject

17.4.18.2 Class data for QTextBlockGroup

The virtual table for the QTextBlockGroup class is described by Table 17-357

Table 17-357 Primary vtable for QTextBlockGroup

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextBlockGroup
vfunc[0]:	QTextBlockGroup::metaObject() const
vfunc[1]:	QTextBlockGroup::qt_metacast(char const*)
vfunc[2]:	QTextBlockGroup::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTextBlockGroup::~QTextBlockGroup()
vfunc[4]:	QTextBlockGroup::~QTextBlockGroup()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QTextBlockGroup::blockInserted(QTextBlock const&)
vfunc[13]:	QTextBlockGroup::blockRemoved(QTextBlock const&)
vfunc[14]:	QTextBlockGroup::blockFormatChanged(QTextBlock const&)

The Run Time Type Information for the QTextBlockGroup class is described by Table 17-358

Table 17-358 typeinfo for QTextBlockGroup

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextBlockGroup

basetype:	typeinfo for QTextObject

17.4.18.3 Class data for QTextFrameLayoutData

The virtual table for the QTextFrameLayoutData class is described by Table 17-359

Table 17-359 Primary vtable for QTextFrameLayoutData

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextFrameLayoutData
vfunc[0]:	QTextFrameLayoutData::~QTextFrameLayoutData()
vfunc[1]:	QTextFrameLayoutData::~QTextFrameLayoutData()

The Run Time Type Information for the QTextFrameLayoutData class is described by Table 17-360

Table 17-360 typeinfo for QTextFrameLayoutData

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextFrameLayoutData

17.4.18.4 Class data for QTextFrame

The virtual table for the QTextFrame class is described by Table 17-361

Table 17-361 Primary vtable for QTextFrame

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextFrame
vfunc[0]:	QTextFrame::metaObject() const
vfunc[1]:	QTextFrame::qt_metacast(char const*)
vfunc[2]:	QTextFrame::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTextFrame::~QTextFrame()
vfunc[4]:	QTextFrame::~QTextFrame()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)

© 2008 Linux Foundation

vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QTextFrame class is described by Table 17-362

Table 17-362 typeinfo for QTextFrame

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextFrame
basetype:	typeinfo for QTextObject

17.4.18.5 Class data for QTextBlockUserData

The virtual table for the QTextBlockUserData class is described by Table 17-363

Table 17-363 Primary vtable for QTextBlockUserData

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextBlockUserData
vfunc[0]:	QTextBlockUserData::~QTextBlockUserData()
vfunc[1]:	QTextBlockUserData::~QTextBlockUserData()

The Run Time Type Information for the QTextBlockUserData class is described by Table 17-364

Table 17-364 typeinfo for QTextBlockUserData

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextBlockUserData

17.4.18.6 Class data for QTextDocument

The virtual table for the QTextDocument class is described by Table 17-365

Table 17-365 Primary vtable for QTextDocument

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextDocument
vfunc[0]:	QTextDocument::metaObject() const
vfunc[1]:	QTextDocument::qt_metacast(char const*)
vfunc[2]:	QTextDocument::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTextDocument::~QTextDocument()

vfunc[4]:	QTextDocument::~QTextDocument( )
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QTextDocument::clear()
vfunc[13]:	QTextDocument::createObject(QText Format const&)
vfunc[14]:	QTextDocument::loadResource(int, QUrl const&)

The Run Time Type Information for the QTextDocument class is described by Table 17-366

Table 17-366 typeinfo for QTextDocument

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextDocument
basetype:	typeinfo for QObject

17.4.18.7 Class data for QTextTable

The virtual table for the QTextTable class is described by Table 17-367

Table 17-367 Primary vtable for QTextTable

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextTable
vfunc[0]:	QTextTable::metaObject() const
vfunc[1]:	QTextTable::qt_metacast(char const*)
vfunc[2]:	QTextTable::qt_metacall(QMetaObje ct::Call, int, void**)
vfunc[3]:	QTextTable::~QTextTable()
vfunc[4]:	QTextTable::~QTextTable()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)

vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QTextTable class is described by Table 17-368

Table 17-368 typeinfo for QTextTable

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextTable
basetype:	typeinfo for QTextFrame

17.4.18.8 Class data for QTextList

The virtual table for the QTextList class is described by Table 17-369

Table 17-369 Primary vtable for QTextList

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextList
vfunc[0]:	QTextList::metaObject() const
vfunc[1]:	QTextList::qt_metacast(char const*)
vfunc[2]:	QTextList::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTextList::~QTextList()
vfunc[4]:	QTextList::~QTextList()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QTextBlockGroup::blockInserted(QTextBlock const&)
vfunc[13]:	QTextBlockGroup::blockRemoved(QTextBlock const&)
vfunc[14]:	QTextBlockGroup::blockFormatChanged(QTextBlock const&)

The Run Time Type Information for the QTextList class is described by Table 17-370

Table 17-370 typeinfo for QTextList

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextList
basetype:	typeinfo for QTextBlockGroup

17.4.18.9 Class data for QTextObjectInterface

The virtual table for the QTextObjectInterface class is described by Table 17-371

Table 17-371 Primary vtable for QTextObjectInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextObjectInterface
vfunc[0]:	NULL or QTextObjectInterface::~QTextObjectInterface()
vfunc[1]:	NULL or QTextObjectInterface::~QTextObjectInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QTextObjectInterface class is described by Table 17-372

Table 17-372 typeinfo for QTextObjectInterface

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextObjectInterface

17.4.18.10 Class data for QSyntaxHighlighter

The virtual table for the QSyntaxHighlighter class is described by Table 17-373

Table 17-373 Primary vtable for QSyntaxHighlighter

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSyntaxHighlighter
vfunc[0]:	QSyntaxHighlighter::metaObject() const
vfunc[1]:	QSyntaxHighlighter::qt_metacast(char const*)
vfunc[2]:	QSyntaxHighlighter::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSyntaxHighlighter::~QSyntaxHighlighter()

© 2008 Linux Foundation

vfunc[4]:	QSyntaxHighlighter::~QSyntaxHighlighter()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual

The Run Time Type Information for the QSyntaxHighlighter class is described by Table 17-374

Table 17-374 typeinfo for QSyntaxHighlighter

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSyntaxHighlighter
basetype:	typeinfo for QObject

17.4.18.11 Interfaces for Qt4 Text

An LSB conforming implementation shall provide the generic functions for Qt4 Text specified in Table 17-375, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-375 libQtGui - Qt4 Text Function Interfaces

_ZN10QTextBlock11setUserDataEP18QTextBlockUserData [QtGui]	_ZN10QTextBlock12setUserStateEi [QtGui]
_ZN10QTextFrame11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN10QTextFrame11qt_metacastEPKc [QtGui]
_ZN10QTextFrame13setLayoutDataEP20QTextFrameLayoutData [QtGui]	_ZN10QTextFrame8iteratorC1ERKS0_ [QtGui]
_ZN10QTextFrame8iteratorC1Ev [QtGui]	_ZN10QTextFrame8iteratorC2ERKS0_ [QtGui]
_ZN10QTextFrame8iteratorC2Ev [QtGui]	_ZN10QTextFrameC1EP13QTextDocument [QtGui]
_ZN10QTextFrameC2EP13QTextDocument [QtGui]	_ZN10QTextFrameD0Ev [QtGui]
_ZN10QTextFrameD1Ev [QtGui]	_ZN10QTextFrameD2Ev [QtGui]
_ZN10QTextTable10insertRowsEii [QtGui]	_ZN10QTextTable10mergeCellsERK11QTextCursor [QtGui]
_ZN10QTextTable10mergeCellsEiiii	_ZN10QTextTable10removeRowsEii

[QtGui]	[QtGui]
_ZN10QTextTable11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN10QTextTable11qt_metacastEPKc [QtGui]
_ZN10QTextTable13insertColumnsEii [QtGui]	_ZN10QTextTable13removeColumnsEii [QtGui]
_ZN10QTextTable6resizeEii [QtGui]	_ZN10QTextTable9splitCellEiiii [QtGui]
_ZN10QTextTableC1EP13QTextDocument [QtGui]	_ZN10QTextTableC2EP13QTextDocument [QtGui]
_ZN10QTextTableD0Ev [QtGui]	_ZN10QTextTableD1Ev [QtGui]
_ZN10QTextTableD2Ev [QtGui]	_ZN11QTextCursor10createListEN15QTextListFormat5StyleE [QtGui]
_ZN11QTextCursor10createListERK15QTextListFormat [QtGui]	_ZN11QTextCursor10deleteCharEv [QtGui]
_ZN11QTextCursor10insertHtmlERK7QString [QtXml]	_ZN11QTextCursor10insertListEN15QTextListFormat5StyleE [QtGui]
_ZN11QTextCursor10insertListERK15QTextListFormat [QtGui]	_ZN11QTextCursor10insertTextERK7QString [QtGui]
_ZN11QTextCursor10insertTextERK7QStringRK15QTextCharFormat [QtGui]	_ZN11QTextCursor11insertBlockERK16QTextBlockFormat [QtGui]
_ZN11QTextCursor11insertBlockERK16QTextBlockFormatRK15QTextCharFormat [QtGui]	_ZN11QTextCursor11insertBlockEv [QtGui]
_ZN11QTextCursor11insertFrameERK16QTextFrameFormat [QtGui]	_ZN11QTextCursor11insertImageERK16QTextImageFormat [QtGui]
_ZN11QTextCursor11insertImageERK16QTextImageFormatN16QTextFrameFormat8PositionE [QtXml]	_ZN11QTextCursor11insertImageERK7QString [QtGui]
_ZN11QTextCursor11insertTableEii [QtGui]	_ZN11QTextCursor11insertTableEiiRK16QTextTableFormat [QtGui]
_ZN11QTextCursor11setPositionEiNS_8MoveModeE [QtGui]	_ZN11QTextCursor12endEditBlockEv [QtGui]
_ZN11QTextCursor12movePositionENS_13MoveOperationENS_8MoveModeEi [QtGui]	_ZN11QTextCursor13setCharFormatERK15QTextCharFormat [QtGui]
_ZN11QTextCursor14beginEditBlockEv [QtGui]	_ZN11QTextCursor14clearSelectionEv [QtGui]
_ZN11QTextCursor14insertFragmentERK21QTextDocumentFragment [QtGui]	_ZN11QTextCursor14setBlockFormatERK16QTextBlockFormat [QtGui]
_ZN11QTextCursor15mergeCharFormatERK15QTextCharFormat [QtGui]	_ZN11QTextCursor16mergeBlockFormatERK16QTextBlockFormat [QtGui]
_ZN11QTextCursor18deletePreviousCharEv [QtGui]	_ZN11QTextCursor18removeSelectedTextEv [QtGui]

© 2008 Linux Foundation

_ZN11QTextCursor18setBlockCharFormatERK15QTextCharFormat [QtGui]	_ZN11QTextCursor20mergeBlockCharFormatERK15QTextCharFormat [QtGui]
_ZN11QTextCursor21joinPreviousEditBlockEv [QtGui]	_ZN11QTextCursor6selectENS_13SelectionTypeE [QtGui]
_ZN11QTextCursorC1EP10QTextFrame [QtGui]	_ZN11QTextCursorC1EP13QTextDocument [QtGui]
_ZN11QTextCursorC1ERK10QTextBlock [QtGui]	_ZN11QTextCursorC1ERKS_ [QtGui]
_ZN11QTextCursorC1Ev [QtGui]	_ZN11QTextCursorC2EP10QTextFrame [QtGui]
_ZN11QTextCursorC2EP13QTextDocument [QtGui]	_ZN11QTextCursorC2ERK10QTextBlock [QtGui]
ZN11QTextCursorC2ERKS [QtGui]	_ZN11QTextCursorC2Ev [QtGui]
_ZN11QTextCursorD1Ev [QtGui]	_ZN11QTextCursorD2Ev [QtGui]
ZN11QTextCursoraSERKS [QtGui]	_ZN11QTextFormat11setPropertyEiRK7QVectorI11QTextLengthE [QtGui]
_ZN11QTextFormat11setPropertyEiRK8QVariant [QtGui]	_ZN11QTextFormat13clearPropertyEi [QtGui]
_ZN11QTextFormat14setObjectIndexEi [QtGui]	_ZN11QTextFormat5mergeERKS_ [QtGui]
ZN11QTextFormatC1ERKS [QtGui]	_ZN11QTextFormatC1Ei [QtGui]
_ZN11QTextFormatC1Ev [QtGui]	_ZN11QTextFormatC2ERKS_ [QtGui]
_ZN11QTextFormatC2Ei [QtGui]	_ZN11QTextFormatC2Ev [QtGui]
_ZN11QTextFormatD1Ev [QtGui]	_ZN11QTextFormatD2Ev [QtGui]
ZN11QTextFormataSERKS [QtGui]	_ZN11QTextLayout10createLineEv [QtGui]
_ZN11QTextLayout11beginLayoutEv [QtGui]	_ZN11QTextLayout11setPositionERK7QPointF [QtGui]
_ZN11QTextLayout13setTextOptionERK11QTextOption [QtGui]	_ZN11QTextLayout14setPreeditAreaEiRK7QString [QtGui]
_ZN11QTextLayout15setCacheEnabledEb [QtGui]	_ZN11QTextLayout20setAdditionalFormatsERK5QListINS_11FormatRangeEE [QtGui]
_ZN11QTextLayout22clearAdditionalFormatsEv [QtGui]	_ZN11QTextLayout7setFontERK5QFont [QtGui]
_ZN11QTextLayout7setTextERK7QString [QtGui]	_ZN11QTextLayout9endLayoutEv [QtGui]
_ZN11QTextLayoutC1ERK10QTextBlock [QtGui]	_ZN11QTextLayoutC1ERK7QString [QtGui]
_ZN11QTextLayoutC1ERK7QStringRK5QFontP12QPaintDevice [QtGui]	_ZN11QTextLayoutC1Ev [QtGui]

_ZN11QTextLayoutC2ERK10QTextBlock [QtGui]	_ZN11QTextLayoutC2ERK7QString [QtGui]
_ZN11QTextLayoutC2ERK7QStringRK5QFontP12QPaintDevice [QtGui]	_ZN11QTextLayoutC2Ev [QtGui]
_ZN11QTextLayoutD1Ev [QtGui]	_ZN11QTextLayoutD2Ev [QtGui]
_ZN11QTextObject11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN11QTextObject11qt_metacastEPKc [QtGui]
_ZN11QTextObject9setFormatERK11QTextFormat [QtGui]	_ZN11QTextObjectC1EP13QTextDocument [QtGui]
_ZN11QTextObjectC2EP13QTextDocument [QtGui]	_ZN11QTextObjectD0Ev [QtGui]
_ZN11QTextObjectD1Ev [QtGui]	_ZN11QTextObjectD2Ev [QtGui]
_ZN11QTextOption11setTabArrayE5QListIdE [QtGui]	_ZN11QTextOptionC1E6QFlagsIN2Qt13AlignmentFlagEE [QtGui]
ZN11QTextOptionC1ERKS [QtGui]	_ZN11QTextOptionC1Ev [QtGui]
_ZN11QTextOptionC2E6QFlagsIN2Qt13AlignmentFlagEE [QtGui]	_ZN11QTextOptionC2ERKS_ [QtGui]
_ZN11QTextOptionC2Ev [QtGui]	_ZN11QTextOptionD1Ev [QtGui]
_ZN11QTextOptionD2Ev [QtGui]	_ZN11QTextOptionaSERKS_ [QtGui]
_ZN13QTextDocument10adjustSizeEv [QtXml]	_ZN13QTextDocument11addResourceEiRK4QUrlRK8QVariant [QtGui]
_ZN13QTextDocument11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN13QTextDocument11qt_metacastEPKc [QtGui]
_ZN13QTextDocument11setModifiedEb [QtGui]	_ZN13QTextDocument11setPageSizeERK6QSizeF [QtGui]
_ZN13QTextDocument12createObjectERK11QTextFormat [QtGui]	_ZN13QTextDocument12drawContentsEP8QPainterRK6QRectF [QtXml]
_ZN13QTextDocument12loadResourceEiRK4QUrl [QtGui]	_ZN13QTextDocument12setPlainTextERK7QString [QtGui]
_ZN13QTextDocument12setTextWidthEd [QtXml]	_ZN13QTextDocument13redoAvailableEb [QtGui]
_ZN13QTextDocument13undoAvailableEb [QtGui]	_ZN13QTextDocument14appendUndoItemEP17QAbstractUndoItem [QtGui]
_ZN13QTextDocument14contentsChangeEiii [QtGui]	_ZN13QTextDocument14setDefaultFontERK5QFont [QtGui]
_ZN13QTextDocument15contentsChangedEv [QtGui]	_ZN13QTextDocument17markContentsDirtyEii [QtGui]
_ZN13QTextDocument17setDocumentLayoutEP27QAbstractTextDocumentLayout [QtGui]	_ZN13QTextDocument18setMetaInformationENS_15MetaInformationERK7QString [QtGui]
_ZN13QTextDocument18setUndoRedoEnabledEb [QtGui]	_ZN13QTextDocument19modificationChangedEb [QtGui]

_ZN13QTextDocument19setUseDesignMetricsEb [QtGui]	_ZN13QTextDocument20setDefaultStyleSheetERK7QString [QtXml]
_ZN13QTextDocument20setMaximumBlockCountEi [QtXml]	_ZN13QTextDocument21cursorPositionChangedERK11QTextCursor [QtGui]
_ZN13QTextDocument4redoEP11QTextCursor [QtXml]	_ZN13QTextDocument4redoEv [QtGui]
_ZN13QTextDocument4undoEP11QTextCursor [QtXml]	_ZN13QTextDocument4undoEv [QtGui]
_ZN13QTextDocument5clearEv [QtGui]	_ZN13QTextDocument7setHtmlERK7QString [QtGui]
_ZN13QTextDocumentC1EP7QObject [QtGui]	_ZN13QTextDocumentC1ERK7QStringP7QObject [QtGui]
_ZN13QTextDocumentC2EP7QObject [QtGui]	_ZN13QTextDocumentC2ERK7QStringP7QObject [QtGui]
_ZN13QTextDocumentD0Ev [QtGui]	_ZN13QTextDocumentD1Ev [QtGui]
_ZN13QTextDocumentD2Ev [QtGui]	_ZN14QTextTableCell9setFormatERK15QTextCharFormat [QtXml]
_ZN15QTextBlockGroup11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN15QTextBlockGroup11qt_metacastEPKc [QtGui]
_ZN15QTextBlockGroup12blockRemovedERK10QTextBlock [QtGui]	_ZN15QTextBlockGroup13blockInsertedERK10QTextBlock [QtGui]
_ZN15QTextBlockGroup18blockFormatChangedERK10QTextBlock [QtGui]	_ZN15QTextBlockGroupC1EP13QTextDocument [QtGui]
_ZN15QTextBlockGroupC2EP13QTextDocument [QtGui]	_ZN15QTextBlockGroupD0Ev [QtGui]
_ZN15QTextBlockGroupD1Ev [QtGui]	_ZN15QTextBlockGroupD2Ev [QtGui]
_ZN15QTextCharFormat17setUnderlineStyleENS_14UnderlineStyleE [QtXml]	_ZN15QTextCharFormat7setFontERK5QFont [QtGui]
_ZN15QTextCharFormatC1Ev [QtGui]	_ZN15QTextCharFormatC2Ev [QtGui]
_ZN15QTextListFormatC1Ev [QtGui]	_ZN15QTextListFormatC2Ev [QtGui]
_ZN16QTextBlockFormatC1Ev [QtGui]	_ZN16QTextBlockFormatC2Ev [QtGui]
_ZN16QTextFrameFormatC1Ev [QtGui]	_ZN16QTextFrameFormatC2Ev [QtGui]
_ZN16QTextImageFormatC1Ev [QtGui]	_ZN16QTextImageFormatC2Ev [QtGui]
_ZN16QTextTableFormatC1Ev [QtGui]	_ZN16QTextTableFormatC2Ev [QtGui]

_ZN17QTextInlineObject10setDescentEd [QtGui]	_ZN17QTextInlineObject8setWidthEd [QtGui]
_ZN17QTextInlineObject9setAscentEd [QtGui]	_ZN18QSyntaxHighlighter11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN18QSyntaxHighlighter11qt_metacastEPKc [QtGui]	_ZN18QSyntaxHighlighter11rehighlightEv [QtXml]
_ZN18QSyntaxHighlighter11setDocumentEP13QTextDocument [QtGui]	_ZN18QSyntaxHighlighter20setCurrentBlockStateEi [QtGui]
_ZN18QSyntaxHighlighter23setCurrentBlockUserDataEP18QTextBlockUserData [QtGui]	_ZN18QSyntaxHighlighter9setFormatEiiRK15QTextCharFormat [QtGui]
_ZN18QSyntaxHighlighter9setFormatEiiRK5QFont [QtGui]	_ZN18QSyntaxHighlighter9setFormatEiiRK6QColor [QtGui]
_ZN18QSyntaxHighlighterC1EP13QTextDocument [QtGui]	_ZN18QSyntaxHighlighterC1EP7QObject [QtGui]
_ZN18QSyntaxHighlighterC1EP9QTextEdit [QtGui]	_ZN18QSyntaxHighlighterC2EP13QTextDocument [QtGui]
_ZN18QSyntaxHighlighterC2EP7QObject [QtGui]	_ZN18QSyntaxHighlighterC2EP9QTextEdit [QtGui]
_ZN18QSyntaxHighlighterD0Ev [QtGui]	_ZN18QSyntaxHighlighterD1Ev [QtGui]
_ZN18QSyntaxHighlighterD2Ev [QtGui]	_ZN18QTextBlockUserDataD0Ev [QtGui]
_ZN18QTextBlockUserDataD1Ev [QtGui]	_ZN18QTextBlockUserDataD2Ev [QtGui]
_ZN20QTextFrameLayoutDataD0Ev [QtGui]	_ZN20QTextFrameLayoutDataD1Ev [QtGui]
_ZN20QTextFrameLayoutDataD2Ev [QtGui]	_ZN21QTextDocumentFragment13fromPlainTextERK7QString [QtGui]
_ZN21QTextDocumentFragment8fromHtmlERK7QString [QtGui]	_ZN21QTextDocumentFragment8fromHtmlERK7QStringPK13QTextDocument [QtXml]
_ZN21QTextDocumentFragmentC1EPK13QTextDocument [QtGui]	_ZN21QTextDocumentFragmentC1ERK11QTextCursor [QtGui]
ZN21QTextDocumentFragmentC1ERKS [QtGui]	_ZN21QTextDocumentFragmentC1Ev [QtGui]
_ZN21QTextDocumentFragmentC2EPK13QTextDocument [QtGui]	_ZN21QTextDocumentFragmentC2ERK11QTextCursor [QtGui]
ZN21QTextDocumentFragmentC2ERKS [QtGui]	_ZN21QTextDocumentFragmentC2Ev [QtGui]
_ZN21QTextDocumentFragmentD1Ev [QtGui]	_ZN21QTextDocumentFragmentD2Ev [QtGui]
ZN21QTextDocumentFragmentaSERKS [QtGui]	_ZN9QTextLine11setPositionERK7QPointF [QtGui]
_ZN9QTextLine12setLineWidthEd	_ZN9QTextLine13setNumColumnsE

[QtGui]	i [QtGui]
_ZN9QTextList10removeItemEi [QtGui]	_ZN9QTextList11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN9QTextList11qt_metacastEPKc [QtGui]	_ZN9QTextList3addERK10QTextBlock [QtGui]
_ZN9QTextList6removeERK10QTextBlock [QtGui]	_ZN9QTextListC1EP13QTextDocument [QtGui]
_ZN9QTextListC2EP13QTextDocument [QtGui]	_ZN9QTextListD0Ev [QtGui]
_ZN9QTextListD1Ev [QtGui]	_ZN9QTextListD2Ev [QtGui]
_ZNK10QTextBlock10charFormatEv [QtGui]	_ZNK10QTextBlock11blockFormatEv [QtGui]
_ZNK10QTextBlock15charFormatIndexEv [QtGui]	_ZNK10QTextBlock16blockFormatIndexEv [QtGui]
_ZNK10QTextBlock3endEv [QtGui]	_ZNK10QTextBlock4nextEv [QtGui]
_ZNK10QTextBlock4textEv [QtGui]	_ZNK10QTextBlock5beginEv [QtGui]
_ZNK10QTextBlock6layoutEv [QtGui]	_ZNK10QTextBlock6lengthEv [QtGui]
_ZNK10QTextBlock8containsEi [QtGui]	_ZNK10QTextBlock8documentEv [QtGui]
_ZNK10QTextBlock8positionEv [QtGui]	_ZNK10QTextBlock8previousEv [QtGui]
_ZNK10QTextBlock8textListEv [QtGui]	_ZNK10QTextBlock8userDataEv [QtGui]
_ZNK10QTextBlock9userStateEv [QtGui]	_ZNK10QTextFrame10layoutDataEv [QtGui]
_ZNK10QTextFrame10metaObjectEv [QtGui]	_ZNK10QTextFrame11childFramesEv [QtGui]
_ZNK10QTextFrame11parentFrameEv [QtGui]	_ZNK10QTextFrame12lastPositionEv [QtGui]
_ZNK10QTextFrame13firstPositionEv [QtGui]	_ZNK10QTextFrame18lastCursorPositionEv [QtGui]
_ZNK10QTextFrame19firstCursorPositionEv [QtGui]	_ZNK10QTextFrame3endEv [QtGui]
_ZNK10QTextFrame5beginEv [QtGui]	_ZNK10QTextTable10metaObjectEv [QtGui]
_ZNK10QTextTable4rowsEv [QtGui]	_ZNK10QTextTable6cellAtERK11QTextCursor [QtGui]
_ZNK10QTextTable6cellAtEi [QtGui]	_ZNK10QTextTable6cellAtEii [QtGui]
_ZNK10QTextTable6rowEndERK11QTextCursor [QtGui]	_ZNK10QTextTable7columnsEv [QtGui]
_ZNK10QTextTable8rowStartERK11QTextCursor [QtGui]	_ZNK11QTextCursor10atBlockEndEv [QtGui]

_ZNK11QTextCursor10charFormatEv [QtGui]	_ZNK11QTextCursor11blockFormatEv [QtGui]
_ZNK11QTextCursor11blockNumberEv [QtXml]	_ZNK11QTextCursor11currentListEv [QtGui]
_ZNK11QTextCursor12atBlockStartEv [QtGui]	_ZNK11QTextCursor12columnNumberEv [QtXml]
_ZNK11QTextCursor12currentFrameEv [QtGui]	_ZNK11QTextCursor12currentTableEv [QtGui]
_ZNK11QTextCursor12hasSelectionEv [QtGui]	_ZNK11QTextCursor12selectedTextEv [QtGui]
_ZNK11QTextCursor12selectionEndEv [QtGui]	_ZNK11QTextCursor14selectionStartEv [QtGui]
_ZNK11QTextCursor15blockCharFormatEv [QtGui]	_ZNK11QTextCursor18selectedTableCellsEPiS0_S0_S0_ [QtGui]
_ZNK11QTextCursor19hasComplexSelectionEv [QtGui]	_ZNK11QTextCursor5atEndEv [QtGui]
_ZNK11QTextCursor5blockEv [QtGui]	_ZNK11QTextCursor6anchorEv [QtGui]
_ZNK11QTextCursor6isNullEv [QtGui]	_ZNK11QTextCursor7atStartEv [QtGui]
ZNK11QTextCursor8isCopyOfERKS [QtGui]	_ZNK11QTextCursor8positionEv [QtGui]
_ZNK11QTextCursor9selectionEv [QtGui]	_ZNK11QTextCursoreqERKS_ [QtGui]
ZNK11QTextCursorgeERKS [QtGui]	_ZNK11QTextCursorgtERKS_ [QtGui]
ZNK11QTextCursorleERKS [QtGui]	_ZNK11QTextCursorltERKS_ [QtGui]
ZNK11QTextCursorneERKS [QtGui]	_ZNK11QTextFormat10propertiesEv [QtGui]
_ZNK11QTextFormat11hasPropertyEi [QtGui]	_ZNK11QTextFormat11intPropertyEi [QtGui]
_ZNK11QTextFormat11objectIndexEv [QtGui]	_ZNK11QTextFormat11penPropertyEi [QtGui]
_ZNK11QTextFormat12boolPropertyEi [QtGui]	_ZNK11QTextFormat12toCharFormatEv [QtGui]
_ZNK11QTextFormat12toListFormatEv [QtGui]	_ZNK11QTextFormat13brushPropertyEi [QtGui]
_ZNK11QTextFormat13colorPropertyEi [QtGui]	_ZNK11QTextFormat13toBlockFormatEv [QtGui]
_ZNK11QTextFormat13toFrameFormatEv [QtGui]	_ZNK11QTextFormat13toImageFormatEv [QtGui]
_ZNK11QTextFormat13toTableFormatEv [QtGui]	_ZNK11QTextFormat14doublePropertyEi [QtGui]
_ZNK11QTextFormat14lengthPropertyEi [QtGui]	_ZNK11QTextFormat14stringPropertyEi [QtGui]

_ZNK11QTextFormat20lengthVectorPropertyEi [QtGui]	_ZNK11QTextFormat4typeEv [QtGui]
_ZNK11QTextFormat8propertyEi [QtGui]	_ZNK11QTextFormatcv8QVariantEv [QtGui]
ZNK11QTextFormateqERKS [QtGui]	_ZNK11QTextLayout10drawCursorEP8QPainterRK7QPointFi [QtGui]
_ZNK11QTextLayout10drawCursorEP8QPainterRK7QPointFii [QtXml]	_ZNK11QTextLayout10textOptionEv [QtGui]
_ZNK11QTextLayout12boundingRectEv [QtGui]	_ZNK11QTextLayout12cacheEnabledEv [QtGui]
_ZNK11QTextLayout12maximumWidthEv [QtGui]	_ZNK11QTextLayout12minimumWidthEv [QtGui]
_ZNK11QTextLayout15preeditAreaTextEv [QtGui]	_ZNK11QTextLayout17additionalFormatsEv [QtGui]
_ZNK11QTextLayout18nextCursorPositionEiNS_10CursorModeE [QtGui]	_ZNK11QTextLayout19lineForTextPositionEi [QtGui]
_ZNK11QTextLayout19preeditAreaPositionEv [QtGui]	_ZNK11QTextLayout21isValidCursorPositionEi [QtGui]
_ZNK11QTextLayout22previousCursorPositionEiNS_10CursorModeE [QtGui]	_ZNK11QTextLayout4drawEP8QPainterRK7QPointFRK7QVectorINS_11FormatRangeEERK6QRectF [QtGui]
_ZNK11QTextLayout4fontEv [QtGui]	_ZNK11QTextLayout4textEv [QtGui]
_ZNK11QTextLayout6lineAtEi [QtGui]	_ZNK11QTextLayout8positionEv [QtGui]
_ZNK11QTextLayout9lineCountEv [QtGui]	_ZNK11QTextLengthcv8QVariantEv [QtGui]
_ZNK11QTextObject10metaObjectEv [QtGui]	_ZNK11QTextObject11formatIndexEv [QtGui]
_ZNK11QTextObject11objectIndexEv [QtGui]	_ZNK11QTextObject6formatEv [QtGui]
_ZNK11QTextObject8documentEv [QtGui]	_ZNK11QTextObject9docHandleEv [QtGui]
_ZNK11QTextOption8tabArrayEv [QtGui]	_ZNK13QTextDocument10allFormatsEv [QtGui]
_ZNK13QTextDocument10blockCountEv [QtXml]	_ZNK13QTextDocument10idealWidthEv [QtXml]
_ZNK13QTextDocument10isModifiedEv [QtGui]	_ZNK13QTextDocument10metaObjectEv [QtGui]
_ZNK13QTextDocument11defaultFontEv [QtGui]	_ZNK13QTextDocument11toPlainTextEv [QtGui]
_ZNK13QTextDocument14documentLayoutEv [QtGui]	_ZNK13QTextDocument15isRedoAvailableEv [QtGui]
_ZNK13QTextDocument15isUndoAvailableEv [QtGui]	_ZNK13QTextDocument15metaInformationENS_15MetaInformationE

	[QtGui]
_ZNK13QTextDocument15objectForFormatERK11QTextFormat [QtGui]	_ZNK13QTextDocument16useDesignMetricsEv [QtGui]
_ZNK13QTextDocument17defaultStyleSheetEv [QtXml]	_ZNK13QTextDocument17isUndoRedoEnabledEv [QtGui]
_ZNK13QTextDocument17maximumBlockCountEv [QtXml]	_ZNK13QTextDocument3endEv [QtGui]
_ZNK13QTextDocument4findERK7QRegExpRK11QTextCursor6QFlagsINS_8FindFlagEE [QtXml]	_ZNK13QTextDocument4findERK7QRegExpi6QFlagsINS_8FindFlagEE [QtXml]
_ZNK13QTextDocument4findERK7QStringRK11QTextCursor6QFlagsINS_8FindFlagEE [QtGui]	_ZNK13QTextDocument4findERK7QStringi6QFlagsINS_8FindFlagEE [QtGui]
_ZNK13QTextDocument4sizeEv [QtXml]	_ZNK13QTextDocument5beginEv [QtGui]
_ZNK13QTextDocument5cloneEP7QObject [QtGui]	_ZNK13QTextDocument5printEP8QPrinter [QtGui]
_ZNK13QTextDocument6objectEi [QtGui]	_ZNK13QTextDocument6toHtmlERK10QByteArray [QtGui]
_ZNK13QTextDocument7frameAtEi [QtGui]	_ZNK13QTextDocument7isEmptyEv [QtGui]
_ZNK13QTextDocument8pageSizeEv [QtGui]	_ZNK13QTextDocument8resourceEiRK4QUrl [QtGui]
_ZNK13QTextDocument9docHandleEv [QtGui]	_ZNK13QTextDocument9findBlockEi [QtGui]
_ZNK13QTextDocument9pageCountEv [QtGui]	_ZNK13QTextDocument9rootFrameEv [QtGui]
_ZNK13QTextDocument9textWidthEv [QtXml]	_ZNK13QTextFragment10charFormatEv [QtGui]
_ZNK13QTextFragment15charFormatIndexEv [QtGui]	_ZNK13QTextFragment4textEv [QtGui]
_ZNK13QTextFragment6lengthEv [QtGui]	_ZNK13QTextFragment8containsEi [QtGui]
_ZNK13QTextFragment8positionEv [QtGui]	_ZNK14QTextTableCell10columnSpanEv [QtGui]
_ZNK14QTextTableCell12lastPositionEv [QtGui]	_ZNK14QTextTableCell13firstPositionEv [QtGui]
_ZNK14QTextTableCell18lastCursorPositionEv [QtGui]	_ZNK14QTextTableCell19firstCursorPositionEv [QtGui]
_ZNK14QTextTableCell3endEv [QtGui]	_ZNK14QTextTableCell3rowEv [QtGui]
_ZNK14QTextTableCell5beginEv [QtGui]	_ZNK14QTextTableCell6columnEv [QtGui]
_ZNK14QTextTableCell6formatEv [QtGui]	_ZNK14QTextTableCell7rowSpanEv [QtGui]
_ZNK15QTextBlockGroup10metaOb	_ZNK15QTextBlockGroup9blockList

jectEv [QtGui]	Ev [QtGui]
_ZNK15QTextCharFormat13fontUnderlineEv [QtXml]	_ZNK15QTextCharFormat4fontEv [QtGui]
_ZNK17QTextInlineObject11formatIndexEv [QtGui]	_ZNK17QTextInlineObject12textPositionEv [QtGui]
_ZNK17QTextInlineObject13textDirectionEv [QtGui]	_ZNK17QTextInlineObject4rectEv [QtGui]
_ZNK17QTextInlineObject5widthEv [QtGui]	_ZNK17QTextInlineObject6ascentEv [QtGui]
_ZNK17QTextInlineObject6formatEv [QtGui]	_ZNK17QTextInlineObject6heightEv [QtGui]
_ZNK17QTextInlineObject7descentEv [QtGui]	_ZNK18QSyntaxHighlighter10metaObjectEv [QtGui]
_ZNK18QSyntaxHighlighter17currentBlockStateEv [QtGui]	_ZNK18QSyntaxHighlighter18previousBlockStateEv [QtGui]
_ZNK18QSyntaxHighlighter20currentBlockUserDataEv [QtGui]	_ZNK18QSyntaxHighlighter6formatEi [QtGui]
_ZNK18QSyntaxHighlighter8documentEv [QtGui]	_ZNK21QTextDocumentFragment11toPlainTextEv [QtGui]
_ZNK21QTextDocumentFragment6toHtmlERK10QByteArray [QtXml]	_ZNK21QTextDocumentFragment6toHtmlEv [QtGui]
_ZNK21QTextDocumentFragment7isEmptyEv [QtGui]	_ZNK9QTextItem11renderFlagsEv [QtGui]
_ZNK9QTextItem4fontEv [QtGui]	_ZNK9QTextItem4textEv [QtGui]
_ZNK9QTextItem5widthEv [QtGui]	_ZNK9QTextItem6ascentEv [QtGui]
_ZNK9QTextItem7descentEv [QtGui]	_ZNK9QTextLine10textLengthEv [QtGui]
_ZNK9QTextLine15naturalTextRectEv [QtGui]	_ZNK9QTextLine16naturalTextWidthEv [QtGui]
_ZNK9QTextLine1xEv [QtGui]	_ZNK9QTextLine1yEv [QtGui]
_ZNK9QTextLine4drawEP8QPainterRK7QPointFPKN11QTextLayout11FormatRangeE [QtGui]	_ZNK9QTextLine4rectEv [QtGui]
_ZNK9QTextLine5widthEv [QtGui]	_ZNK9QTextLine6ascentEv [QtGui]
_ZNK9QTextLine6heightEv [QtGui]	_ZNK9QTextLine7descentEv [QtGui]
_ZNK9QTextLine8positionEv [QtXml]	_ZNK9QTextLine9cursorToXEPiNS_4EdgeE [QtGui]
_ZNK9QTextLine9textStartEv [QtGui]	_ZNK9QTextLine9xToCursorEdNS_14CursorPositionE [QtGui]
_ZNK9QTextList10itemNumberERK10QTextBlock [QtGui]	_ZNK9QTextList10metaObjectEv [QtGui]
_ZNK9QTextList4itemEi [QtGui]	_ZNK9QTextList5countEv [QtGui]
_ZNK9QTextList8itemTextERK10QTextBlock [QtGui]	_ZlsR11QDataStreamRK11QTextFormat [QtGui]

_ZlsR11QDataStreamRK11QTextLength [QtGui]	_ZrsR11QDataStreamR11QTextFormat [QtGui]
_ZrsR11QDataStreamR11QTextLength [QtGui]	

17.4.19 Qt4 Main Window and Application

17.4.19.1 Class data for QClipboard

The virtual table for the QClipboard class is described by Table 17-376

Table 17-376 Primary vtable for QClipboard

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QClipboard
vfunc[0]:	QClipboard::metaObject() const
vfunc[1]:	QClipboard::qt_metacast(char const*)
vfunc[2]:	QClipboard::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QClipboard::~QClipboard()
vfunc[4]:	QClipboard::~QClipboard()
vfunc[5]:	QClipboard::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QClipboard::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QClipboard class is described by Table 17-377

Table 17-377 typeinfo for QClipboard

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QClipboard
basetype:	typeinfo for QObject

17.4.19.2 Class data for QSessionManager

The virtual table for the QSessionManager class is described by Table 17-378

Table 17-378 Primary vtable for QSessionManager

Base Offset	0

Virtual Base Offset	0
RTTI	typeinfo for QSessionManager
vfunc[0]:	QSessionManager::metaObject() const
vfunc[1]:	QSessionManager::qt_metacast(char const*)
vfunc[2]:	QSessionManager::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSessionManager::~QSessionManager()
vfunc[4]:	QSessionManager::~QSessionManager()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QSessionManager class is described by Table 17-379

Table 17-379 typeinfo for QSessionManager

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSessionManager
basetype:	typeinfo for QObject

17.4.19.3 Class data for QApplication

The virtual table for the QApplication class is described by Table 17-380

Table 17-380 Primary vtable for QApplication

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QApplication
vfunc[0]:	QApplication::metaObject() const
vfunc[1]:	QApplication::qt_metacast(char const*)
vfunc[2]:	QApplication::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QApplication::~QApplication()
vfunc[4]:	QApplication::~QApplication()

vfunc[5]:	QApplication::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QApplication::notify(QObject*, QEvent*)
vfunc[13]:	QApplication::compressEvent(QEvent*, QObject*, QPostEventList*)
vfunc[14]:	QApplication::x11EventFilter(_XEvent*)
vfunc[15]:	QApplication::x11ClientMessage(QWidget*, _XEvent*, bool)
vfunc[16]:	QApplication::commitData(QSessionManager&)
vfunc[17]:	QApplication::saveState(QSessionManager&)

The Run Time Type Information for the QApplication class is described by Table 17-381

Table 17-381 typeinfo for QApplication

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QApplication
basetype:	typeinfo for QCoreApplication

17.4.19.4 Class data for QAction

The virtual table for the QAction class is described by Table 17-382

Table 17-382 Primary vtable for QAction

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAction
vfunc[0]:	QAction::metaObject() const
vfunc[1]:	QAction::qt_metacast(char const*)
vfunc[2]:	QAction::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAction::~QAction()
vfunc[4]:	QAction::~QAction()
vfunc[5]:	QAction::event(QEvent*)

vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QAction class is described by Table 17-383

Table 17-383 typeinfo for QAction

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAction
basetype:	typeinfo for QObject

17.4.19.5 Class data for QActionGroup

The virtual table for the QActionGroup class is described by Table 17-384

Table 17-384 Primary vtable for QActionGroup

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QActionGroup
vfunc[0]:	QActionGroup::metaObject() const
vfunc[1]:	QActionGroup::qt_metacast(char const*)
vfunc[2]:	QActionGroup::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QActionGroup::~QActionGroup()
vfunc[4]:	QActionGroup::~QActionGroup()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QActionGroup class is described by Table 17-385

Table 17-385 typeinfo for QActionGroup

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QActionGroup
basetype:	typeinfo for QObject

17.4.19.6 Class data for QWorkspace

The virtual table for the QWorkspace class is described by Table 17-386

Table 17-386 Primary vtable for QWorkspace

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWorkspace
vfunc[0]:	QWorkspace::metaObject() const
vfunc[1]:	QWorkspace::qt_metacast(char const*)
vfunc[2]:	QWorkspace::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QWorkspace::~QWorkspace()
vfunc[4]:	QWorkspace::~QWorkspace()
vfunc[5]:	QWorkspace::event(QEvent*)
vfunc[6]:	QWorkspace::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QWorkspace::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWorkspace::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)

vfunc[22]:	QWorkspace::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWorkspace::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWorkspace::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWorkspace::showEvent(QShowEvent*)
vfunc[41]:	QWorkspace::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWorkspace::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)

vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QWorkspace class is described by Table 17-387

Table 17-387 typeinfo for QWorkspace

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWorkspace
basetype:	typeinfo for QWidget

17.4.19.7 Class data for QSizeGrip

The virtual table for the QSizeGrip class is described by Table 17-388

Table 17-388 Primary vtable for QSizeGrip

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSizeGrip
vfunc[0]:	QSizeGrip::metaObject() const
vfunc[1]:	QSizeGrip::qt_metacast(char const*)
vfunc[2]:	QSizeGrip::qt_metacall(QMetaObject ::Call, int, void**)
vfunc[3]:	QSizeGrip::~QSizeGrip()
vfunc[4]:	QSizeGrip::~QSizeGrip()
vfunc[5]:	QSizeGrip::event(QEvent*)
vfunc[6]:	QSizeGrip::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QSizeGrip::setVisible(bool)
vfunc[14]:	QSizeGrip::sizeHint() const

vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QSizeGrip::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QSizeGrip::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QSizeGrip::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)

vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QSizeGrip class is described by Table 17-389

Table 17-389 typeinfo for QSizeGrip

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSizeGrip
basetype:	typeinfo for QWidget

17.4.19.8 Class data for QStatusBar

The virtual table for the QStatusBar class is described by Table 17-390

Table 17-390 Primary vtable for QStatusBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStatusBar
vfunc[0]:	QStatusBar::metaObject() const
vfunc[1]:	QStatusBar::qt_metacast(char const*)
vfunc[2]:	QStatusBar::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QStatusBar::~QStatusBar()
vfunc[4]:	QStatusBar::~QStatusBar()
vfunc[5]:	QStatusBar::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)

© 2008 Linux Foundation

vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QStatusBar::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QStatusBar::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent

	*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QStatusBar class is described by Table 17-391

Table 17-391 typeinfo for QStatusBar

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStatusBar
basetype:	typeinfo for QWidget

17.4.19.9 Class data for QToolBar

The virtual table for the QToolBar class is described by Table 17-392

Table 17-392 Primary vtable for QToolBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QToolBar

© 2008 Linux Foundation

vfunc[0]:	QToolBar::metaObject() const
vfunc[1]:	QToolBar::qt_metacast(char const*)
vfunc[2]:	QToolBar::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QToolBar::~QToolBar()
vfunc[4]:	QToolBar::~QToolBar()
vfunc[5]:	QToolBar::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QToolBar::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QToolBar::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*

	)
vfunc[31]:	QToolBar::resizeEvent(QResizeEvent *)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QToolBar::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QToolBar::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QToolBar class is described by Table 17-393

Table 17-393 typeinfo for QToolBar

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolBar

basetype:	typeinfo for QWidget

17.4.19.10 Class data for QWidgetAction

The virtual table for the QWidgetAction class is described by Table 17-394

Table 17-394 Primary vtable for QWidgetAction

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWidgetAction
vfunc[0]:	QWidgetAction::metaObject() const
vfunc[1]:	QWidgetAction::qt_metacast(char const*)
vfunc[2]:	QWidgetAction::qt_metacall(QMeta Object::Call, int, void**)
vfunc[3]:	QWidgetAction::~QWidgetAction()
vfunc[4]:	QWidgetAction::~QWidgetAction()
vfunc[5]:	QWidgetAction::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidgetAction::createWidget(QWid get*)
vfunc[13]:	QWidgetAction::deleteWidget(QWid get*)

The Run Time Type Information for the QWidgetAction class is described by Table 17-395

Table 17-395 typeinfo for QWidgetAction

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWidgetAction
basetype:	typeinfo for QAction

17.4.19.11 Interfaces for Qt4 Main Window and Application

An LSB conforming implementation shall provide the generic functions for Qt4 Main Window and Application specified in Table 17-396, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-396 libQtGui - Qt4 Main Window and Application Function Interfaces

_ZN10QClipboard11dataChangedEv [QtGui]	_ZN10QClipboard11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN10QClipboard11qt_metacastEPKc [QtGui]	_ZN10QClipboard11setMimeDataEP9QMimeDataNS_4ModeE [QtGui]
_ZN10QClipboard13connectNotifyEPKc [QtGui]	_ZN10QClipboard16selectionChangedEv [QtGui]
_ZN10QClipboard17findBufferChangedEv [QtXml]	_ZN10QClipboard5clearENS_4ModeE [QtGui]
_ZN10QClipboard5eventEP6QEvent [QtGui]	_ZN10QClipboard7changedENS_4ModeE [QtXml]
_ZN10QClipboard7setDataEP11QMimeSourceNS_4ModeE [QtGui]	_ZN10QClipboard7setTextERK7QStringNS_4ModeE [QtGui]
_ZN10QClipboard8setImageERK6QImageNS_4ModeE [QtGui]	_ZN10QClipboard9setPixmapERK7QPixmapNS_4ModeE [QtGui]
_ZN10QClipboardD0Ev [QtGui]	_ZN10QClipboardD1Ev [QtGui]
_ZN10QClipboardD2Ev [QtGui]	_ZN10QStatusBar10hideOrShowEv [QtGui]
_ZN10QStatusBar10paintEventEP11QPaintEvent [QtGui]	_ZN10QStatusBar11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN10QStatusBar11qt_metacastEPKc [QtGui]	_ZN10QStatusBar11resizeEventEP12QResizeEvent [QtGui]
_ZN10QStatusBar11showMessageERK7QStringi [QtGui]	_ZN10QStatusBar12clearMessageEv [QtGui]
_ZN10QStatusBar12insertWidgetEiP7QWidgeti [QtXml]	_ZN10QStatusBar12removeWidgetEP7QWidget [QtGui]
_ZN10QStatusBar14messageChangedERK7QString [QtGui]	_ZN10QStatusBar18addPermanentWidgetEP7QWidgeti [QtGui]
_ZN10QStatusBar18setSizeGripEnabledEb [QtGui]	_ZN10QStatusBar21insertPermanentWidgetEiP7QWidgeti [QtXml]
_ZN10QStatusBar5eventEP6QEvent [QtGui]	_ZN10QStatusBar8reformatEv [QtGui]
_ZN10QStatusBar9addWidgetEP7QWidgeti [QtGui]	_ZN10QStatusBarC1EP7QWidget [QtGui]
_ZN10QStatusBarC1EP7QWidgetPKc [QtGui]	_ZN10QStatusBarC2EP7QWidget [QtGui]
_ZN10QStatusBarC2EP7QWidgetPKc [QtGui]	_ZN10QStatusBarD0Ev [QtGui]
_ZN10QStatusBarD1Ev [QtGui]	_ZN10QStatusBarD2Ev [QtGui]
_ZN10QWorkspace10childEventEP11QChildEvent [QtGui]	_ZN10QWorkspace10paintEventEP11QPaintEvent [QtGui]
_ZN10QWorkspace10wheelEventEP11QWheelEvent [QtGui]	_ZN10QWorkspace11changeEventEP6QEvent [QtGui]
_ZN10QWorkspace11eventFilterEP7	_ZN10QWorkspace11qt_metacallEN

QObjectP6QEvent [QtGui]	11QMetaObject4CallEiPPv [QtGui]
_ZN10QWorkspace11qt_metacastEPKc [QtGui]	_ZN10QWorkspace11resizeEventEP12QResizeEvent [QtGui]
_ZN10QWorkspace12arrangeIconsEv [QtGui]	_ZN10QWorkspace13setBackgroundERK6QBrush [QtGui]
_ZN10QWorkspace15closeAllWindowsEv [QtGui]	_ZN10QWorkspace15setActiveWindowEP7QWidget [QtGui]
_ZN10QWorkspace15windowActivatedEP7QWidget [QtGui]	_ZN10QWorkspace17closeActiveWindowEv [QtGui]
_ZN10QWorkspace18activateNextWindowEv [QtGui]	_ZN10QWorkspace20setScrollBarsEnabledEb [QtGui]
_ZN10QWorkspace22activatePreviousWindowEv [QtGui]	_ZN10QWorkspace25setPaletteBackgroundColorERK6QColor [QtGui]
_ZN10QWorkspace26setPaletteBackgroundPixmapERK7QPixmap [QtGui]	_ZN10QWorkspace4tileEv [QtGui]
_ZN10QWorkspace5eventEP6QEvent [QtGui]	_ZN10QWorkspace7cascadeEv [QtGui]
_ZN10QWorkspace9addWindowEP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN10QWorkspace9hideEventEP10QHideEvent [QtGui]
_ZN10QWorkspace9showEventEP10QShowEvent [QtGui]	_ZN10QWorkspaceC1EP7QWidget [QtGui]
_ZN10QWorkspaceC1EP7QWidgetPKc [QtGui]	_ZN10QWorkspaceC2EP7QWidget [QtGui]
_ZN10QWorkspaceC2EP7QWidgetPKc [QtGui]	_ZN10QWorkspaceD0Ev [QtGui]
_ZN10QWorkspaceD1Ev [QtGui]	_ZN10QWorkspaceD2Ev [QtGui]
_ZN12QActionGroup10setEnabledEb [QtGui]	_ZN12QActionGroup10setVisibleEb [QtGui]
_ZN12QActionGroup11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN12QActionGroup11qt_metacastEPKc [QtGui]
_ZN12QActionGroup12removeActionEP7QAction [QtGui]	_ZN12QActionGroup12setExclusiveEb [QtGui]
_ZN12QActionGroup7hoveredEP7QAction [QtGui]	_ZN12QActionGroup8selectedEP7QAction [QtGui]
_ZN12QActionGroup9addActionEP7QAction [QtGui]	_ZN12QActionGroup9addActionERK5QIconRK7QString [QtGui]
_ZN12QActionGroup9addActionERK7QString [QtGui]	_ZN12QActionGroup9triggeredEP7QAction [QtGui]
_ZN12QActionGroupC1EP7QObject [QtGui]	_ZN12QActionGroupC2EP7QObject [QtGui]
_ZN12QActionGroupD0Ev [QtGui]	_ZN12QActionGroupD1Ev [QtGui]
_ZN12QActionGroupD2Ev [QtGui]	_ZN12QApplication10allWidgetsEv [QtGui]

_ZN12QApplication10commitDataER15QSessionManager [QtGui]	_ZN12QApplication10mainWidgetEv [QtGui]
_ZN12QApplication10setPaletteERK8QPalettePKc [QtGui]	_ZN12QApplication10topLevelAtERK6QPoint [QtGui]
_ZN12QApplication10windowIconEv [QtGui]	_ZN12QApplication11focusWidgetEv [QtGui]
_ZN12QApplication11fontMetricsEv [QtGui]	_ZN12QApplication11globalStrutEv [QtGui]
_ZN12QApplication11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN12QApplication11qt_metacastEPKc [QtGui]
_ZN12QApplication12activeWindowEv [QtGui]	_ZN12QApplication12focusChangedEP7QWidgetS1_ [QtGui]
_ZN12QApplication12mouseButtonsEv [QtGui]	_ZN12QApplication12setColorSpecEi [QtGui]
_ZN12QApplication13compressEventEP6QEventP7QObjectP14QPostEventList [QtGui]	_ZN12QApplication13setMainWidgetEP7QWidget [QtGui]
_ZN12QApplication13setStyleSheetERK7QString [QtXml]	_ZN12QApplication13setWindowIconERK5QIcon [QtGui]
_ZN12QApplication13startDragTimeEv [QtGui]	_ZN12QApplication14overrideCursorEv [QtGui]
_ZN12QApplication14setGlobalStrutERK5QSize [QtGui]	_ZN12QApplication14x11EventFilterEP7_XEvent [QtGui]
_ZN12QApplication15closeAllWindowsEv [QtGui]	_ZN12QApplication15cursorFlashTimeEv [QtGui]
_ZN12QApplication15isEffectEnabledEN2Qt8UIEffectE [QtGui]	_ZN12QApplication15layoutDirectionEv [QtGui]
_ZN12QApplication15setActiveWindowEP7QWidget [QtGui]	_ZN12QApplication15setInputContextEP13QInputContext [QtGui]
_ZN12QApplication15topLevelWidgetsEv [QtGui]	_ZN12QApplication15x11ProcessEventEP7_XEvent [QtGui]
_ZN12QApplication16lastWindowClosedEv [QtGui]	_ZN12QApplication16saveStateRequestER15QSessionManager [QtXml]
_ZN12QApplication16setEffectEnabledEN2Qt8UIEffectEb [QtGui]	_ZN12QApplication16setStartDragTimeEi [QtGui]
_ZN12QApplication16wheelScrollLinesEv [QtGui]	_ZN12QApplication16x11ClientMessageEP7QWidgetP7_XEventb [QtGui]
_ZN12QApplication17activeModalWidgetEv [QtGui]	_ZN12QApplication17activePopupWidgetEv [QtGui]
_ZN12QApplication17commitDataRequestER15QSessionManager [QtXml]	_ZN12QApplication17keyboardModifiersEv [QtGui]
_ZN12QApplication17setOverrideCursorERK7QCursor [QtGui]	_ZN12QApplication17startDragDistanceEv [QtGui]
_ZN12QApplication18setCursorFlas	_ZN12QApplication18setLayoutDire

hTimeEi [QtGui]	ctionEN2Qt15LayoutDirectionE [QtGui]
_ZN12QApplication19doubleClickIntervalEv [QtGui]	_ZN12QApplication19horizontalAlignmentE6QFlagsIN2Qt13AlignmentFlagEE [QtGui]
_ZN12QApplication19keyboardInputLocaleEv [QtXml]	_ZN12QApplication19setWheelScrollLinesEi [QtGui]
_ZN12QApplication20changeOverrideCursorERK7QCursor [QtGui]	_ZN12QApplication20desktopSettingsAwareEv [QtGui]
_ZN12QApplication20setStartDragDistanceEi [QtGui]	_ZN12QApplication21keyboardInputIntervalEv [QtGui]
_ZN12QApplication21restoreOverrideCursorEv [QtGui]	_ZN12QApplication22keyboardInputDirectionEv [QtXml]
_ZN12QApplication22quitOnLastWindowClosedEv [QtGui]	_ZN12QApplication22setDoubleClickIntervalEi [QtGui]
_ZN12QApplication23setDesktopSettingsAwareEb [QtGui]	_ZN12QApplication24setKeyboardInputIntervalEi [QtGui]
_ZN12QApplication25setQuitOnLastWindowClosedEb [QtGui]	_ZN12QApplication4beepEv [QtGui]
_ZN12QApplication4execEv [QtGui]	_ZN12QApplication4fontEPK7QWidget [QtGui]
_ZN12QApplication4fontEPKc [QtXml]	_ZN12QApplication4fontEv [QtXml]
_ZN12QApplication4typeEv [QtGui]	_ZN12QApplication5eventEP6QEvent [QtGui]
_ZN12QApplication5styleEv [QtGui]	_ZN12QApplication5syncXEv [QtGui]
_ZN12QApplication6notifyEP7QObjectP6QEvent [QtGui]	_ZN12QApplication7aboutQtEv [QtGui]
_ZN12QApplication7desktopEv [QtGui]	_ZN12QApplication7paletteEPK7QWidget [QtGui]
_ZN12QApplication7paletteEPKc [QtGui]	_ZN12QApplication7paletteEv [QtGui]
_ZN12QApplication7setFontERK5QFontPKc [QtGui]	_ZN12QApplication8setStyleEP6QStyle [QtGui]
_ZN12QApplication8setStyleERK7QString [QtGui]	_ZN12QApplication8widgetAtERK6QPoint [QtGui]
_ZN12QApplication9clipboardEv [QtGui]	_ZN12QApplication9colorSpecEv [QtGui]
_ZN12QApplication9saveStateER15QSessionManager [QtGui]	_ZN12QApplicationC1EP9_XDisplayRiPPcmm [QtGui]
_ZN12QApplicationC1EP9_XDisplayRiPPcmmi [QtXml]	_ZN12QApplicationC1EP9_XDisplaymm [QtGui]
_ZN12QApplicationC1EP9_XDisplaymmi [QtXml]	_ZN12QApplicationC1ERiPPc [QtGui]
_ZN12QApplicationC1ERiPPcNS_4T	_ZN12QApplicationC1ERiPPcNS_4T

ypeE [QtGui]	ypeEi [QtXml]
_ZN12QApplicationC1ERiPPcb [QtGui]	_ZN12QApplicationC1ERiPPcbi [QtXml]
_ZN12QApplicationC1ERiPPci [QtXml]	_ZN12QApplicationC2EP9_XDisplayRiPPcmm [QtGui]
_ZN12QApplicationC2EP9_XDisplayRiPPcmmi [QtXml]	_ZN12QApplicationC2EP9_XDisplaymm [QtGui]
_ZN12QApplicationC2EP9_XDisplaymmi [QtXml]	_ZN12QApplicationC2ERiPPc [QtGui]
_ZN12QApplicationC2ERiPPcNS_4TypeE [QtGui]	_ZN12QApplicationC2ERiPPcNS_4TypeEi [QtXml]
_ZN12QApplicationC2ERiPPcb [QtGui]	_ZN12QApplicationC2ERiPPcbi [QtXml]
_ZN12QApplicationC2ERiPPci [QtXml]	_ZN12QApplicationD0Ev [QtGui]
_ZN12QApplicationD1Ev [QtGui]	_ZN12QApplicationD2Ev [QtGui]
_ZN13QWidgetAction11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]	_ZN13QWidgetAction11qt_metacastEPKc [QtXml]
_ZN13QWidgetAction12createWidgetEP7QWidget [QtXml]	_ZN13QWidgetAction12deleteWidgetEP7QWidget [QtXml]
_ZN13QWidgetAction13releaseWidgetEP7QWidget [QtXml]	_ZN13QWidgetAction13requestWidgetEP7QWidget [QtXml]
_ZN13QWidgetAction16setDefaultWidgetEP7QWidget [QtXml]	_ZN13QWidgetAction5eventEP6QEvent [QtXml]
_ZN13QWidgetActionC1EP7QObject [QtXml]	_ZN13QWidgetActionC2EP7QObject [QtXml]
_ZN13QWidgetActionD0Ev [QtXml]	_ZN13QWidgetActionD1Ev [QtXml]
_ZN13QWidgetActionD2Ev [QtXml]	_ZN15QSessionManager11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN15QSessionManager11qt_metacastEPKc [QtGui]	_ZN15QSessionManager13requestPhase2Ev [QtGui]
_ZN15QSessionManager14setRestartHintENS_11RestartHintE [QtGui]	_ZN15QSessionManager17allowsInteractionEv [QtGui]
_ZN15QSessionManager17setDiscardCommandERK11QStringList [QtGui]	_ZN15QSessionManager17setRestartCommandERK11QStringList [QtGui]
_ZN15QSessionManager18setManagerPropertyERK7QStringRK11QStringList [QtGui]	_ZN15QSessionManager18setManagerPropertyERK7QStringS2_ [QtGui]
_ZN15QSessionManager22allowsErrorInteractionEv [QtGui]	_ZN15QSessionManager6cancelEv [QtGui]
_ZN15QSessionManager7releaseEv [QtGui]	_ZN15QSessionManagerD0Ev [QtGui]
_ZN15QSessionManagerD1Ev	_ZN15QSessionManagerD2Ev

[QtGui]	[QtGui]
_ZN7QAction10setCheckedEb [QtGui]	_ZN7QAction10setEnabledEb [QtGui]
_ZN7QAction10setToolTipERK7QString [QtGui]	_ZN7QAction10setVisibleEb [QtGui]
_ZN7QAction11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN7QAction11qt_metacastEPKc [QtGui]
_ZN7QAction11setIconTextERK7QString [QtGui]	_ZN7QAction11setMenuRoleENS_8MenuRoleE [QtXml]
_ZN7QAction11setShortcutERK12QKeySequence [QtGui]	_ZN7QAction12setCheckableEb [QtGui]
_ZN7QAction12setSeparatorEb [QtGui]	_ZN7QAction12setShortcutsEN12QKeySequence11StandardKeyE [QtXml]
_ZN7QAction12setShortcutsERK5QListI12QKeySequenceE [QtXml]	_ZN7QAction12setStatusTipERK7QString [QtGui]
_ZN7QAction12setWhatsThisERK7QString [QtGui]	_ZN7QAction13setAutoRepeatEb [QtXml]
_ZN7QAction14setActionGroupEP12QActionGroup [QtGui]	_ZN7QAction14showStatusTextEP7QWidget [QtGui]
_ZN7QAction18setShortcutContextEN2Qt15ShortcutContextE [QtGui]	_ZN7QAction5eventEP6QEvent [QtGui]
_ZN7QAction6toggleEv [QtGui]	_ZN7QAction7changedEv [QtGui]
_ZN7QAction7hoveredEv [QtGui]	_ZN7QAction7setDataERK8QVariant [QtGui]
_ZN7QAction7setFontERK5QFont [QtGui]	_ZN7QAction7setIconERK5QIcon [QtGui]
_ZN7QAction7setMenuEP5QMenu [QtGui]	_ZN7QAction7setTextERK7QString [QtGui]
_ZN7QAction7toggledEb [QtGui]	_ZN7QAction8activateENS_11ActionEventE [QtGui]
_ZN7QAction9activatedEi [QtGui]	_ZN7QAction9triggeredEb [QtGui]
_ZN7QActionC1EP7QObject [QtGui]	_ZN7QActionC1EP7QObjectPKc [QtGui]
_ZN7QActionC1ERK5QIconRK7QStringP7QObject [QtGui]	_ZN7QActionC1ERK5QIconRK7QStringRK12QKeySequenceP7QObjectPKc [QtGui]
_ZN7QActionC1ERK7QStringP7QObject [QtGui]	_ZN7QActionC1ERK7QStringRK12QKeySequenceP7QObjectPKc [QtGui]
_ZN7QActionC2EP7QObject [QtGui]	_ZN7QActionC2EP7QObjectPKc [QtGui]
_ZN7QActionC2ERK5QIconRK7QStringP7QObject [QtGui]	_ZN7QActionC2ERK5QIconRK7QStringRK12QKeySequenceP7QObjectPKc [QtGui]
_ZN7QActionC2ERK7QStringP7QO	_ZN7QActionC2ERK7QStringRK12

bject [QtGui]	QKeySequenceP7QObjectPKc [QtGui]
_ZN7QActionD0Ev [QtGui]	_ZN7QActionD1Ev [QtGui]
_ZN7QActionD2Ev [QtGui]	_ZN8QToolBar10childEventEP11QChildEvent [QtGui]
_ZN8QToolBar10paintEventEP11QPaintEvent [QtGui]	_ZN8QToolBar10setMovableEb [QtGui]
_ZN8QToolBar11actionEventEP12QActionEvent [QtGui]	_ZN8QToolBar11changeEventEP6QEvent [QtGui]
_ZN8QToolBar11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN8QToolBar11qt_metacastEPKc [QtGui]
_ZN8QToolBar11resizeEventEP12QResizeEvent [QtGui]	_ZN8QToolBar11setIconSizeERK5QSize [QtGui]
_ZN8QToolBar12addSeparatorEv [QtGui]	_ZN8QToolBar12insertWidgetEP7QActionP7QWidget [QtGui]
_ZN8QToolBar14movableChangedEb [QtGui]	_ZN8QToolBar14setOrientationEN2Qt11OrientationE [QtGui]
_ZN8QToolBar15actionTriggeredEP7QAction [QtGui]	_ZN8QToolBar15iconSizeChangedERK5QSize [QtGui]
_ZN8QToolBar15insertSeparatorEP7QAction [QtGui]	_ZN8QToolBar15setAllowedAreasE6QFlagsIN2Qt11ToolBarAreaEE [QtGui]
_ZN8QToolBar18orientationChangedEN2Qt11OrientationE [QtGui]	_ZN8QToolBar18setToolButtonStyleEN2Qt15ToolButtonStyleE [QtGui]
_ZN8QToolBar19allowedAreasChangedE6QFlagsIN2Qt11ToolBarAreaEE [QtGui]	_ZN8QToolBar22toolButtonStyleChangedEN2Qt15ToolButtonStyleE [QtGui]
_ZN8QToolBar5clearEv [QtGui]	_ZN8QToolBar5eventEP6QEvent [QtGui]
_ZN8QToolBar9addActionERK5QIconRK7QString [QtGui]	_ZN8QToolBar9addActionERK5QIconRK7QStringPK7QObjectPKc [QtGui]
_ZN8QToolBar9addActionERK7QString [QtGui]	_ZN8QToolBar9addActionERK7QStringPK7QObjectPKc [QtGui]
_ZN8QToolBar9addWidgetEP7QWidget [QtGui]	_ZN8QToolBarC1EP7QWidget [QtGui]
_ZN8QToolBarC1EP7QWidgetPKc [QtGui]	_ZN8QToolBarC1ERK7QStringP7QWidget [QtGui]
_ZN8QToolBarC2EP7QWidget [QtGui]	_ZN8QToolBarC2EP7QWidgetPKc [QtGui]
_ZN8QToolBarC2ERK7QStringP7QWidget [QtGui]	_ZN8QToolBarD0Ev [QtGui]
_ZN8QToolBarD1Ev [QtGui]	_ZN8QToolBarD2Ev [QtGui]
_ZN9QSizeGrip10paintEventEP11QPaintEvent [QtGui]	_ZN9QSizeGrip10setVisibleEb [QtGui]
_ZN9QSizeGrip11eventFilterEP7QO	_ZN9QSizeGrip11qt_metacallEN11Q

bjectP6QEvent [QtGui]	MetaObject4CallEiPPv [QtGui]
_ZN9QSizeGrip11qt_metacastEPKc [QtGui]	_ZN9QSizeGrip14mouseMoveEvent EP11QMouseEvent [QtGui]
_ZN9QSizeGrip15mousePressEvent EP11QMouseEvent [QtGui]	_ZN9QSizeGrip5eventEP6QEvent [QtGui]
_ZN9QSizeGripC1EP7QWidget [QtGui]	_ZN9QSizeGripC1EP7QWidgetPKc [QtGui]
_ZN9QSizeGripC2EP7QWidget [QtGui]	_ZN9QSizeGripC2EP7QWidgetPKc [QtGui]
_ZN9QSizeGripD0Ev [QtGui]	_ZN9QSizeGripD1Ev [QtGui]
_ZN9QSizeGripD2Ev [QtGui]	_ZNK10QClipboard10metaObjectEv [QtGui]
_ZNK10QClipboard13ownsClipboar dEv [QtGui]	_ZNK10QClipboard13ownsSelection Ev [QtGui]
_ZNK10QClipboard14ownsFindBuff erEv [QtXml]	_ZNK10QClipboard17supportsSelect ionEv [QtGui]
_ZNK10QClipboard18supportsFind BufferEv [QtXml]	_ZNK10QClipboard4dataENS_4Mo deE [QtGui]
_ZNK10QClipboard4textENS_4Mod eE [QtGui]	_ZNK10QClipboard4textER7QString NS_4ModeE [QtGui]
_ZNK10QClipboard5imageENS_4M odeE [QtGui]	_ZNK10QClipboard6pixmapENS_4 ModeE [QtGui]
_ZNK10QClipboard8mimeDataENS _4ModeE [QtGui]	_ZNK10QStatusBar10metaObjectEv [QtGui]
_ZNK10QStatusBar14currentMessag eEv [QtGui]	_ZNK10QStatusBar17isSizeGripEna bledEv [QtGui]
_ZNK10QWorkspace10backgroundE v [QtGui]	_ZNK10QWorkspace10metaObjectE v [QtGui]
_ZNK10QWorkspace10windowListE NS_11WindowOrderE [QtGui]	_ZNK10QWorkspace12activeWindo wEv [QtGui]
_ZNK10QWorkspace17scrollBarsEna bledEv [QtGui]	_ZNK10QWorkspace8sizeHintEv [QtGui]
_ZNK12QActionGroup10metaObject Ev [QtGui]	_ZNK12QActionGroup11isExclusive Ev [QtGui]
_ZNK12QActionGroup13checkedAc tionEv [QtGui]	_ZNK12QActionGroup7actionsEv [QtGui]
_ZNK12QActionGroup9isEnabledEv [QtGui]	_ZNK12QActionGroup9isVisibleEv [QtGui]
_ZNK12QApplication10metaObjectE v [QtGui]	_ZNK12QApplication10sessionKeyE v [QtGui]
_ZNK12QApplication10styleSheetEv [QtXml]	_ZNK12QApplication12inputContex tEv [QtGui]
_ZNK12QApplication17isSessionRes toredEv [QtGui]	_ZNK12QApplication9sessionIdEv [QtGui]
_ZNK13QWidgetAction10metaObjec	_ZNK13QWidgetAction13defaultWi

tEv [QtXml]	dgetEv [QtXml]
_ZNK13QWidgetAction14createdWidgetsEv [QtXml]	_ZNK15QSessionManager10metaObjectEv [QtGui]
_ZNK15QSessionManager10sessionKeyEv [QtGui]	_ZNK15QSessionManager11restartHintEv [QtGui]
_ZNK15QSessionManager14discardCommandEv [QtGui]	_ZNK15QSessionManager14restartCommandEv [QtGui]
_ZNK15QSessionManager6handleEv [QtGui]	_ZNK15QSessionManager8isPhase2Ev [QtGui]
_ZNK15QSessionManager9sessionIdEv [QtGui]	_ZNK7QAction10autoRepeatEv [QtXml]
_ZNK7QAction10metaObjectEv [QtGui]	_ZNK7QAction11actionGroupEv [QtGui]
_ZNK7QAction11isCheckableEv [QtGui]	_ZNK7QAction11isSeparatorEv [QtGui]
_ZNK7QAction12parentWidgetEv [QtGui]	_ZNK7QAction15shortcutContextEv [QtGui]
_ZNK7QAction17associatedWidgetsEv [QtXml]	_ZNK7QAction4dataEv [QtGui]
_ZNK7QAction4fontEv [QtGui]	_ZNK7QAction4iconEv [QtGui]
_ZNK7QAction4menuEv [QtGui]	_ZNK7QAction4textEv [QtGui]
_ZNK7QAction7toolTipEv [QtGui]	_ZNK7QAction8iconTextEv [QtGui]
_ZNK7QAction8menuRoleEv [QtXml]	_ZNK7QAction8shortcutEv [QtGui]
_ZNK7QAction9isCheckedEv [QtGui]	_ZNK7QAction9isEnabledEv [QtGui]
_ZNK7QAction9isVisibleEv [QtGui]	_ZNK7QAction9shortcutsEv [QtXml]
_ZNK7QAction9statusTipEv [QtGui]	_ZNK7QAction9whatsThisEv [QtGui]
_ZNK8QToolBar10metaObjectEv [QtGui]	_ZNK8QToolBar11orientationEv [QtGui]
_ZNK8QToolBar12allowedAreasEv [QtGui]	_ZNK8QToolBar14actionGeometryEP7QAction [QtGui]
_ZNK8QToolBar15toolButtonStyleEv [QtGui]	_ZNK8QToolBar15widgetForActionEP7QAction [QtXml]
_ZNK8QToolBar16toggleViewActionEv [QtGui]	_ZNK8QToolBar8actionAtERK6QPoint [QtGui]
_ZNK8QToolBar8iconSizeEv [QtGui]	_ZNK8QToolBar9isMovableEv [QtGui]
_ZNK9QSizeGrip10metaObjectEv [QtGui]	_ZNK9QSizeGrip8sizeHintEv [QtGui]

© 2008 Linux Foundation

17.4.20 Qt4 Menus

17.4.20.1 Class data for QMenu

The virtual table for the QMenu class is described by Table 17-397

Table 17-397 Primary vtable for QMenu

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMenu
vfunc[0]:	QMenu::metaObject() const
vfunc[1]:	QMenu::qt_metacast(char const*)
vfunc[2]:	QMenu::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QMenu::~QMenu()
vfunc[4]:	QMenu::~QMenu()
vfunc[5]:	QMenu::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QMenu::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QMenu::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QMenu::mousePressEvent(QMouseEvent*)
vfunc[19]:	QMenu::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QMenu::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QMenu::wheelEvent(QWheelEvent*)
vfunc[23]:	QMenu::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)

vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QMenu::enterEvent(QEvent*)
vfunc[28]:	QMenu::leaveEvent(QEvent*)
vfunc[29]:	QMenu::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QMenu::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QMenu::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QMenu::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)

© 2008 Linux Foundation

vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QMenu class is described by Table 17-398

Table 17-398 typeinfo for QMenu

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMenu
basetype:	typeinfo for QWidget

17.4.20.2 Class data for QMenuItem

The virtual table for the QMenuItem class is described by Table 17-399

Table 17-399 Primary vtable for QMenuItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMenuItem
vfunc[0]:	QAction::metaObject() const
vfunc[1]:	QAction::qt_metacast(char const*)
vfunc[2]:	QAction::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QMenuItem::~QMenuItem()
vfunc[4]:	NULL or QMenuItem::~QMenuItem()
vfunc[5]:	QAction::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QMenuItem class is described by Table 17-400

Table 17-400 typeinfo for QMenuItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMenuItem
basetype:	typeinfo for QAction

17.4.20.3 Class data for QMenuBar

The virtual table for the QMenuBar class is described by Table 17-401

Table 17-401 Primary vtable for QMenuBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMenuBar
vfunc[0]:	QMenuBar::metaObject() const
vfunc[1]:	QMenuBar::qt_metacast(char const*)
vfunc[2]:	QMenuBar::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QMenuBar::~QMenuBar()
vfunc[4]:	QMenuBar::~QMenuBar()
vfunc[5]:	QMenuBar::event(QEvent*)
vfunc[6]:	QMenuBar::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QMenuBar::sizeHint() const
vfunc[15]:	QMenuBar::minimumSizeHint() const
vfunc[16]:	QMenuBar::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QMenuBar::mousePressEvent(QMouseEvent*)
vfunc[19]:	QMenuBar::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QMenuBar::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QMenuBar::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)

© 2008 Linux Foundation

vfunc[25]:	QMenuBar::focusInEvent(QFocusEvent*)
vfunc[26]:	QMenuBar::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QMenuBar::leaveEvent(QEvent*)
vfunc[29]:	QMenuBar::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QMenuBar::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QMenuBar::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QMenuBar::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange

	(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QMenuBar class is described by Table 17-402

Table 17-402 typeinfo for QMenuBar

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMenuBar
basetype:	typeinfo for QWidget

17.4.20.4 Interfaces for Qt4 Menus

An LSB conforming implementation shall provide the generic functions for Qt4 Menus specified in Table 17-403, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-403 libQtGui - Qt4 Menus Function Interfaces

_ZN5QMenu10enterEventEP6QEvent [QtGui]	_ZN5QMenu10insertItemEP9QMenuItemii [QtGui]
ZN5QMenu10insertMenuEP7QActionPS [QtGui]	_ZN5QMenu10leaveEventEP6QEvent [QtGui]
_ZN5QMenu10paintEventEP11QPaintEvent [QtGui]	_ZN5QMenu10timerEventEP11QTimerEvent [QtGui]
_ZN5QMenu10wheelEventEP11QWheelEvent [QtGui]	_ZN5QMenu11aboutToHideEv [QtGui]
_ZN5QMenu11aboutToShowEv [QtGui]	_ZN5QMenu11actionEventEP12QActionEvent [QtGui]
_ZN5QMenu11changeEventEP6QEvent [QtGui]	_ZN5QMenu11highlightedEi [QtGui]
_ZN5QMenu11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN5QMenu11qt_metacastEPKc [QtGui]
_ZN5QMenu12addSeparatorEv [QtGui]	_ZN5QMenu13keyPressEventEP9QKeyEvent [QtGui]
_ZN5QMenu14mouseMoveEventEP11QMouseEvent [QtGui]	_ZN5QMenu14setNoReplayForEP7QWidget [QtGui]
_ZN5QMenu15hideTearOffMenuEv [QtGui]	_ZN5QMenu15insertSeparatorEP7QAction [QtGui]
_ZN5QMenu15insertSeparatorEi [QtGui]	_ZN5QMenu15mousePressEventEP11QMouseEvent [QtGui]
_ZN5QMenu15setActiveActionEP7QAction [QtGui]	_ZN5QMenu16setDefaultActionEP7QAction [QtGui]
_ZN5QMenu16setItemParameterEii [QtGui]	_ZN5QMenu17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN5QMenu17setTearOffEnabledEb [QtGui]	_ZN5QMenu18focusNextPrevChildEb [QtXml]
_ZN5QMenu24setSeparatorsCollapsi	_ZN5QMenu4execE5QListIP7QActio

bleEb [QtXml]	nERK6QPointS2_ [QtGui]
_ZN5QMenu4execERK6QPointP7QAction [QtGui]	_ZN5QMenu4execEv [QtGui]
_ZN5QMenu5clearEv [QtGui]	_ZN5QMenu5eventEP6QEvent [QtGui]
_ZN5QMenu5popupERK6QPointP7QAction [QtGui]	_ZN5QMenu5setIdEii [QtGui]
ZN5QMenu7addMenuEPS [QtGui]	_ZN5QMenu7addMenuERK5QIconRK7QString [QtGui]
_ZN5QMenu7addMenuERK7QString [QtGui]	_ZN5QMenu7hoveredEP7QAction [QtGui]
_ZN5QMenu7setIconERK5QIcon [QtGui]	_ZN5QMenu8setTitleERK7QString [QtGui]
_ZN5QMenu9activatedEi [QtGui]	_ZN5QMenu9addActionERK5QIconRK7QString [QtGui]
_ZN5QMenu9addActionERK5QIconRK7QStringPK7QObjectPKcRK12QKeySequence [QtGui]	_ZN5QMenu9addActionERK7QString [QtGui]
_ZN5QMenu9addActionERK7QStringPK7QObjectPKcRK12QKeySequence [QtGui]	_ZN5QMenu9findPopupEPS_Pi [QtGui]
_ZN5QMenu9hideEventEP10QHideEvent [QtGui]	_ZN5QMenu9insertAnyEPK5QIconPK7QStringPK7QObjectPKcPK12QKeySequencePKS_ii [QtGui]
_ZN5QMenu9triggeredEP7QAction [QtGui]	_ZN5QMenuC1EP7QWidget [QtGui]
_ZN5QMenuC1ERK7QStringP7QWidget [QtGui]	_ZN5QMenuC2EP7QWidget [QtGui]
_ZN5QMenuC2ERK7QStringP7QWidget [QtGui]	_ZN5QMenuD0Ev [QtGui]
_ZN5QMenuD1Ev [QtGui]	_ZN5QMenuD2Ev [QtGui]
_ZN8QMenuBar10insertMenuEP7QActionP5QMenu [QtGui]	_ZN8QMenuBar10leaveEventEP6QEvent [QtGui]
_ZN8QMenuBar10paintEventEP11QPaintEvent [QtGui]	_ZN8QMenuBar11actionEventEP12QActionEvent [QtGui]
_ZN8QMenuBar11changeEventEP6QEvent [QtGui]	_ZN8QMenuBar11eventFilterEP7QObjectP6QEvent [QtGui]
_ZN8QMenuBar11highlightedEi [QtGui]	_ZN8QMenuBar11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN8QMenuBar11qt_metacastEPKc [QtGui]	_ZN8QMenuBar11resizeEventEP12QResizeEvent [QtGui]
_ZN8QMenuBar12addSeparatorEv [QtGui]	_ZN8QMenuBar12focusInEventEP11QFocusEvent [QtGui]
_ZN8QMenuBar12setDefaultUpEb [QtGui]	_ZN8QMenuBar13focusOutEventEP11QFocusEvent [QtGui]
_ZN8QMenuBar13keyPressEventEP	_ZN8QMenuBar14mouseMoveEvent

9QKeyEvent [QtGui]	EP11QMouseEvent [QtGui]
_ZN8QMenuBar15insertSeparatorEP7QAction [QtXml]	_ZN8QMenuBar15insertSeparatorEi [QtGui]
_ZN8QMenuBar15mousePressEventEP11QMouseEvent [QtGui]	_ZN8QMenuBar15setActiveActionEP7QAction [QtGui]
_ZN8QMenuBar15setAutoGeometryEb [QtGui]	_ZN8QMenuBar15setCornerWidgetEP7QWidgetN2Qt6CornerE [QtGui]
_ZN8QMenuBar16setItemParameterEii [QtGui]	_ZN8QMenuBar17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN8QMenuBar5clearEv [QtGui]	_ZN8QMenuBar5eventEP6QEvent [QtGui]
_ZN8QMenuBar7addMenuEP5QMenu [QtGui]	_ZN8QMenuBar7addMenuERK5QIconRK7QString [QtGui]
_ZN8QMenuBar7addMenuERK7QString [QtGui]	_ZN8QMenuBar7hoveredEP7QAction [QtGui]
_ZN8QMenuBar9activatedEi [QtGui]	_ZN8QMenuBar9addActionERK7QString [QtGui]
_ZN8QMenuBar9addActionERK7QStringPK7QObjectPKc [QtGui]	_ZN8QMenuBar9triggeredEP7QAction [QtGui]
_ZN8QMenuBarC1EP7QWidget [QtGui]	_ZN8QMenuBarC1EP7QWidgetPKc [QtGui]
_ZN8QMenuBarC2EP7QWidget [QtGui]	_ZN8QMenuBarC2EP7QWidgetPKc [QtGui]
_ZN8QMenuBarD0Ev [QtGui]	_ZN8QMenuBarD1Ev [QtGui]
_ZN8QMenuBarD2Ev [QtGui]	_ZN9QMenuItem11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN9QMenuItem11qt_metacastEPKc [QtXml]	_ZN9QMenuItemC1Ev [QtGui]
_ZN9QMenuItemC2Ev [QtGui]	_ZNK5QMenu10frameWidthEv [QtGui]
_ZNK5QMenu10menuActionEv [QtGui]	_ZNK5QMenu10metaObjectEv [QtGui]
_ZNK5QMenu11columnCountEv [QtGui]	_ZNK5QMenu12activeActionEv [QtGui]
_ZNK5QMenu13defaultActionEv [QtGui]	_ZNK5QMenu13itemParameterEi [QtGui]
_ZNK5QMenu14actionGeometryEP7QAction [QtGui]	_ZNK5QMenu16isTearOffEnabledEv [QtGui]
_ZNK5QMenu20isTearOffMenuVisibleEv [QtGui]	_ZNK5QMenu21separatorsCollapsibleEv [QtXml]
_ZNK5QMenu4iconEv [QtGui]	_ZNK5QMenu5titleEv [QtGui]
_ZNK5QMenu7isEmptyEv [QtXml]	_ZNK5QMenu8actionAtERK6QPoint [QtGui]
_ZNK5QMenu8sizeHintEv [QtGui]	_ZNK8QMenuBar10frameWidthEv [QtGui]

© 2008 Linux Foundation

_ZNK8QMenuBar10metaObjectEv [QtGui]	_ZNK8QMenuBar11isDefaultUpEv [QtGui]
_ZNK8QMenuBar12activeActionEv [QtGui]	_ZNK8QMenuBar12autoGeometryEv [QtGui]
_ZNK8QMenuBar12cornerWidgetEN2Qt6CornerE [QtGui]	_ZNK8QMenuBar13itemParameterEi [QtGui]
_ZNK8QMenuBar14actionGeometryEP7QAction [QtGui]	_ZNK8QMenuBar14heightForWidthEi [QtGui]
_ZNK8QMenuBar15minimumSizeHintEv [QtGui]	_ZNK8QMenuBar8actionAtERK6QPoint [QtGui]
_ZNK8QMenuBar8sizeHintEv [QtGui]	_ZNK9QMenuItem10metaObjectEv [QtXml]
_ZNK9QMenuItem11signalValueEv [QtGui]	_ZNK9QMenuItem2idEv [QtGui]

17.4.21 Qt4 Widgets

17.4.21.1 Class data for QWidget

The virtual table for the QWidget class is described by Table 17-404

Table 17-404 Primary vtable for QWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWidget
vfunc[0]:	QWidget::metaObject() const
vfunc[1]:	QWidget::qt_metacast(char const*)
vfunc[2]:	QWidget::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QWidget::~QWidget()
vfunc[4]:	QWidget::~QWidget()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const

vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)

© 2008 Linux Foundation

vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QWidget class is described by Table 17-405

Table 17-405 typeinfo for QWidget

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QWidget	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QPaintDevice	2050

17.4.21.2 Class data for QFrame

The virtual table for the QFrame class is described by Table 17-406

Table 17-406 Primary vtable for QFrame

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFrame
vfunc[0]:	QFrame::metaObject() const
vfunc[1]:	QFrame::qt_metacast(char const*)
vfunc[2]:	QFrame::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QFrame::~QFrame()
vfunc[4]:	QFrame::~QFrame()
vfunc[5]:	QFrame::event(QEvent*)

vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QFrame::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QFrame::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)

© 2008 Linux Foundation

vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QFrame class is described by Table 17-407

Table 17-407 typeinfo for QFrame

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFrame
basetype:	typeinfo for QWidget

17.4.21.3 Class data for QLineEdit

The virtual table for the QLineEdit class is described by Table 17-408

Table 17-408 Primary vtable for QLineEdit

Base Offset	0
Virtual Base Offset	0

RTTI	typeinfo for QLineEdit
vfunc[0]:	QLineEdit::metaObject() const
vfunc[1]:	QLineEdit::qt_metacast(char const*)
vfunc[2]:	QLineEdit::qt_metacall(QMetaObject ::Call, int, void**)
vfunc[3]:	QLineEdit::~QLineEdit()
vfunc[4]:	QLineEdit::~QLineEdit()
vfunc[5]:	QLineEdit::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QLineEdit::sizeHint() const
vfunc[15]:	QLineEdit::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QLineEdit::mousePressEvent(QMou seEvent*)
vfunc[19]:	QLineEdit::mouseReleaseEvent(QM ouseEvent*)
vfunc[20]:	QLineEdit::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QLineEdit::mouseMoveEvent(QMou seEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent *)
vfunc[23]:	QLineEdit::keyPressEvent(QKeyEve nt*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEv ent*)
vfunc[25]:	QLineEdit::focusInEvent(QFocusEve nt*)
vfunc[26]:	QLineEdit::focusOutEvent(QFocusE vent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)

© 2008 Linux Foundation

vfunc[29]:	QLineEdit::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QLineEdit::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QLineEdit::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QLineEdit::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QLineEdit::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QLineEdit::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QLineEdit::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QLineEdit::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QLineEdit::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QLineEdit class is described by Table 17-409

Table 17-409 typeinfo for QLineEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QLineEdit
basetype:	typeinfo for QWidget

17.4.21.4 Class data for QSlider

The virtual table for the QSlider class is described by Table 17-410

Table 17-410 Primary vtable for QSlider

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSlider
vfunc[0]:	QSlider::metaObject() const
vfunc[1]:	QSlider::qt_metacast(char const*)
vfunc[2]:	QSlider::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSlider::~QSlider()
vfunc[4]:	QSlider::~QSlider()
vfunc[5]:	QSlider::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractSlider::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QSlider::sizeHint() const
vfunc[15]:	QSlider::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QSlider::mousePressEvent(QMouseEvent*)
vfunc[19]:	QSlider::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QSlider::mouseMoveEvent(QMouseEvent*)

© 2008 Linux Foundation

vfunc[22]:	QAbstractSlider::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractSlider::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QSlider::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractSlider::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)

vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractSlider::sliderChange(QAbstractSlider::SliderChange)

The Run Time Type Information for the QSlider class is described by Table 17-411

Table 17-411 typeinfo for QSlider

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSlider
basetype:	typeinfo for QAbstractSlider

17.4.21.5 Class data for QTabBar

The virtual table for the QTabBar class is described by Table 17-412

Table 17-412 Primary vtable for QTabBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTabBar
vfunc[0]:	QTabBar::metaObject() const
vfunc[1]:	QTabBar::qt_metacast(char const*)
vfunc[2]:	QTabBar::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTabBar::~QTabBar()
vfunc[4]:	QTabBar::~QTabBar()
vfunc[5]:	QTabBar::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)

vfunc[14]:	QTabBar::sizeHint() const
vfunc[15]:	QTabBar::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QTabBar::mousePressEvent(QMouse Event*)
vfunc[19]:	QTabBar::mouseReleaseEvent(QMo useEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QTabBar::mouseMoveEvent(QMous eEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent *)
vfunc[23]:	QTabBar::keyPressEvent(QKeyEvent *)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEv ent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEven t*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEv ent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QTabBar::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QTabBar::resizeEvent(QResizeEvent *)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QCont extMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnt erEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragM oveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLe aveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QTabBar::showEvent(QShowEvent*)

vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QTabBar::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QTabBar::tabSizeHint(int) const
vfunc[55]:	QTabBar::tabInserted(int)
vfunc[56]:	QTabBar::tabRemoved(int)
vfunc[57]:	QTabBar::tabLayoutChange()

The Run Time Type Information for the QTabBar class is described by Table 17-413

Table 17-413 typeinfo for QTabBar

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTabBar
basetype:	typeinfo for QWidget

17.4.21.6 Class data for QTabWidget

The virtual table for the QTabWidget class is described by Table 17-414

Table 17-414 Primary vtable for QTabWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTabWidget
vfunc[0]:	QTabWidget::metaObject() const
vfunc[1]:	QTabWidget::qt_metacast(char const*)
vfunc[2]:	QTabWidget::qt_metacall(QMetaObject::Call, int, void**)

vfunc[3]:	QTabWidget::~QTabWidget()
vfunc[4]:	QTabWidget::~QTabWidget()
vfunc[5]:	QTabWidget::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QTabWidget::sizeHint() const
vfunc[15]:	QTabWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QTabWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QTabWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QTabWidget::resizeEvent(QResizeEvent*)

vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QTabWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QTabWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QTabWidget::tabInserted(int)
vfunc[55]:	QTabWidget::tabRemoved(int)

The Run Time Type Information for the QTabWidget class is described by Table 17-415

Table 17-415 typeinfo for QTabWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTabWidget

basetype:	typeinfo for QWidget

17.4.21.7 Class data for QListView

The virtual table for the QListView class is described by Table 17-416

Table 17-416 Primary vtable for QListView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QListView
vfunc[0]:	QListView::metaObject() const
vfunc[1]:	QListView::qt_metacast(char const*)
vfunc[2]:	QListView::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QListView::~QListView()
vfunc[4]:	QListView::~QListView()
vfunc[5]:	QListView::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QListView::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractScrollArea::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractItemView::mousePressEvent(QMouseEvent*)
vfunc[19]:	QListView::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QAbstractItemView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QListView::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractItemView::keyPressEvent(

	QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractItemView::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractItemView::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QListView::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QListView::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractScrollArea::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QAbstractItemView::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QListView::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QListView::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QListView::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette

© 2008 Linux Foundation

	const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractItemView::viewportEvent(QEvent*)
vfunc[55]:	QListView::scrollContentsBy(int, int)
vfunc[56]:	QAbstractItemView::setModel(QAbs tractItemModel*)
vfunc[57]:	QAbstractItemView::setSelectionMo del(QItemSelectionModel*)
vfunc[58]:	QAbstractItemView::keyboardSearc h(QString const&)
vfunc[59]:	QListView::visualRect(QModelIndex const&) const
vfunc[60]:	QListView::scrollTo(QModelIndex const&, QAbstractItemView::ScrollHint)
vfunc[61]:	QListView::indexAt(QPoint const&) const
vfunc[62]:	QAbstractItemView::sizeHintForRo w(int) const
vfunc[63]:	QAbstractItemView::sizeHintForCol umn(int) const
vfunc[64]:	QListView::reset()
vfunc[65]:	QListView::setRootIndex(QModelIn dex const&)
vfunc[66]:	QListView::doItemsLayout()
vfunc[67]:	QAbstractItemView::selectAll()
vfunc[68]:	QListView::dataChanged(QModelIn dex const&, QModelIndex const&)
vfunc[69]:	QListView::rowsInserted(QModelIn dex const&, int, int)
vfunc[70]:	QListView::rowsAboutToBeRemove d(QModelIndex const&, int, int)
vfunc[71]:	QAbstractItemView::selectionChang ed(QItemSelection const&, QItemSelection const&)
vfunc[72]:	QAbstractItemView::currentChange d(QModelIndex const&, QModelIndex const&)
vfunc[73]:	QAbstractItemView::updateEditorD ata()

vfunc[74]:	QAbstractItemView::updateEditorGeometries()
vfunc[75]:	QListView::updateGeometries()
vfunc[76]:	QAbstractItemView::verticalScrollbarAction(int)
vfunc[77]:	QAbstractItemView::horizontalScrollbarAction(int)
vfunc[78]:	QAbstractItemView::verticalScrollbarValueChanged(int)
vfunc[79]:	QAbstractItemView::horizontalScrollbarValueChanged(int)
vfunc[80]:	QAbstractItemView::closeEditor(QWidget*, QAbstractItemDelegate::EndEditHint)
vfunc[81]:	QAbstractItemView::commitData(QWidget*)
vfunc[82]:	QAbstractItemView::editorDestroyed(QObject*)
vfunc[83]:	QListView::moveCursor(QAbstractItemView::CursorAction, QFlags<Qt::KeyboardModifier>)
vfunc[84]:	QListView::horizontalOffset() const
vfunc[85]:	QListView::verticalOffset() const
vfunc[86]:	QListView::isIndexHidden(QModelIndex const&) const
vfunc[87]:	QListView::setSelection(QRect const&, QFlags<QItemSelectionModel::SelectionFlag>)
vfunc[88]:	QListView::visualRegionForSelection(QItemSelection const&) const
vfunc[89]:	QListView::selectedIndexes() const
vfunc[90]:	QAbstractItemView::edit(QModelIndex const&, QAbstractItemView::EditTrigger, QEvent*)
vfunc[91]:	QAbstractItemView::selectionCommand(QModelIndex const&, QEvent const*) const
vfunc[92]:	QListView::startDrag(QFlags<Qt::DropAction>)
vfunc[93]:	QListView::viewOptions() const

The Run Time Type Information for the QListView class is described by Table 17-417

Table 17-417 typeinfo for QListView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QListView
basetype:	typeinfo for QAbstractItemView

17.4.21.8 Class data for QListWidgetItem

The virtual table for the QListWidgetItem class is described by Table 17-418

Table 17-418 Primary vtable for QListWidgetItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QListWidgetItem
vfunc[0]:	QListWidgetItem::~QListWidgetItem()
vfunc[1]:	QListWidgetItem::~QListWidgetItem()
vfunc[2]:	QListWidgetItem::clone() const
vfunc[3]:	NULL or QListWidgetItem::setBackgroundColor(QColor const&)
vfunc[4]:	QListWidgetItem::data(int) const
vfunc[5]:	QListWidgetItem::setData(int, QVariant const&)
vfunc[6]:	QListWidgetItem::operator<(QListWidgetItem const&) const
vfunc[7]:	QListWidgetItem::read(QDataStream&)
vfunc[8]:	QListWidgetItem::write(QDataStream&) const

The Run Time Type Information for the QListWidgetItem class is described by Table 17-419

Table 17-419 typeinfo for QListWidgetItem

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QListWidgetItem

17.4.21.9 Class data for QListWidget

The virtual table for the QListWidget class is described by Table 17-420

Table 17-420 Primary vtable for QListWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QListWidget

vfunc[0]:	QListWidget::metaObject() const
vfunc[1]:	QListWidget::qt_metacast(char const*)
vfunc[2]:	QListWidget::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QListWidget::~QListWidget()
vfunc[4]:	QListWidget::~QListWidget()
vfunc[5]:	QListWidget::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QListView::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractScrollArea::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractItemView::mousePressEvent(QMouseEvent*)
vfunc[19]:	QListView::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QAbstractItemView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QListView::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractItemView::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractItemView::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractItemView::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)

© 2008 Linux Foundation

vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QListView::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QListView::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractScrollArea::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QAbstractItemView::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QListView::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QListView::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QListView::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractItemView::viewportEvent(QEvent*)

vfunc[55]:	QListView::scrollContentsBy(int, int)
vfunc[56]:	QListWidget::setModel(QAbstractItemModel*)
vfunc[57]:	QAbstractItemView::setSelectionModel(QItemSelectionModel*)
vfunc[58]:	QAbstractItemView::keyboardSearch(QString const&)
vfunc[59]:	QListView::visualRect(QModelIndex const&) const
vfunc[60]:	QListView::scrollTo(QModelIndex const&, QAbstractItemView::ScrollHint)
vfunc[61]:	QListView::indexAt(QPoint const&) const
vfunc[62]:	QAbstractItemView::sizeHintForRow(int) const
vfunc[63]:	QAbstractItemView::sizeHintForColumn(int) const
vfunc[64]:	QListView::reset()
vfunc[65]:	QListView::setRootIndex(QModelIndex const&)
vfunc[66]:	QListView::doItemsLayout()
vfunc[67]:	QAbstractItemView::selectAll()
vfunc[68]:	QListView::dataChanged(QModelIndex const&, QModelIndex const&)
vfunc[69]:	QListView::rowsInserted(QModelIndex const&, int, int)
vfunc[70]:	QListView::rowsAboutToBeRemoved(QModelIndex const&, int, int)
vfunc[71]:	QAbstractItemView::selectionChanged(QItemSelection const&, QItemSelection const&)
vfunc[72]:	QAbstractItemView::currentChanged(QModelIndex const&, QModelIndex const&)
vfunc[73]:	QAbstractItemView::updateEditorData()
vfunc[74]:	QAbstractItemView::updateEditorGeometries()
vfunc[75]:	QListView::updateGeometries()
vfunc[76]:	QAbstractItemView::verticalScrollbarAction(int)
vfunc[77]:	QAbstractItemView::horizontalScrollbarAction(int)
vfunc[78]:	QAbstractItemView::verticalScrollba

	rValueChanged(int)
vfunc[79]:	QAbstractItemView::horizontalScrollbarValueChanged(int)
vfunc[80]:	QAbstractItemView::closeEditor(QWidget*, QAbstractItemDelegate::EndEditHint)
vfunc[81]:	QAbstractItemView::commitData(QWidget*)
vfunc[82]:	QAbstractItemView::editorDestroyed(QObject*)
vfunc[83]:	QListView::moveCursor(QAbstractItemView::CursorAction, QFlags<Qt::KeyboardModifier>)
vfunc[84]:	QListView::horizontalOffset() const
vfunc[85]:	QListView::verticalOffset() const
vfunc[86]:	QListView::isIndexHidden(QModelIndex const&) const
vfunc[87]:	QListView::setSelection(QRect const&, QFlags<QItemSelectionModel::SelectionFlag>)
vfunc[88]:	QListView::visualRegionForSelection(QItemSelection const&) const
vfunc[89]:	QListView::selectedIndexes() const
vfunc[90]:	QAbstractItemView::edit(QModelIndex const&, QAbstractItemView::EditTrigger, QEvent*)
vfunc[91]:	QAbstractItemView::selectionCommand(QModelIndex const&, QEvent const*) const
vfunc[92]:	QListView::startDrag(QFlags<Qt::DropAction>)
vfunc[93]:	QListView::viewOptions() const
vfunc[94]:	QListWidget::mimeTypes() const
vfunc[95]:	QListWidget::mimeData(QList<QListWidgetItem*>) const
vfunc[96]:	QListWidget::dropMimeData(int, QMimeData const*, Qt::DropAction)
vfunc[97]:	QListWidget::supportedDropActions() const

The Run Time Type Information for the QListWidget class is described by Table 17-421

Table 17-421 typeinfo for QListWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QListWidget
basetype:	typeinfo for QListView

17.4.21.10 Class data for QDesktopWidget

The virtual table for the QDesktopWidget class is described by Table 17-422

Table 17-422 Primary vtable for QDesktopWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDesktopWidget
vfunc[0]:	QDesktopWidget::metaObject() const
vfunc[1]:	QDesktopWidget::qt_metacast(char const*)
vfunc[2]:	QDesktopWidget::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QDesktopWidget::~QDesktopWidget()
vfunc[4]:	QDesktopWidget::~QDesktopWidget()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)

vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDesktopWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)

vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QDesktopWidget class is described by Table 17-423

Table 17-423 typeinfo for QDesktopWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDesktopWidget
basetype:	typeinfo for QWidget

17.4.21.11 Class data for QInputContextFactoryInterface

The virtual table for the QInputContextFactoryInterface class is described by Table 17-424

Table 17-424 Primary vtable for QInputContextFactoryInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QInputContextFactoryInterface
vfunc[0]:	NULL or QInputContextFactoryInterface::~QInputContextFactoryInterface()
vfunc[1]:	NULL or QInputContextFactoryInterface::~QInputContextFactoryInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual

The Run Time Type Information for the QInputContextFactoryInterface class is described by Table 17-425

Table 17-425 typeinfo for QInputContextFactoryInterface

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for

	QInputContextFactoryInterface
basetype:	typeinfo for QFactoryInterface

17.4.21.12 Class data for QInputContext

The virtual table for the QInputContext class is described by Table 17-426

Table 17-426 Primary vtable for QInputContext

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QInputContext
vfunc[0]:	QInputContext::metaObject() const
vfunc[1]:	QInputContext::qt_metacast(char const*)
vfunc[2]:	QInputContext::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QInputContext::~QInputContext()
vfunc[4]:	QInputContext::~QInputContext()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	QInputContext::update()
vfunc[16]:	QInputContext::mouseHandler(int, QMouseEvent*)
vfunc[17]:	QInputContext::font() const
vfunc[18]:	__cxa_pure_virtual
vfunc[19]:	QInputContext::setFocusWidget(QWidget*)
vfunc[20]:	QInputContext::widgetDestroyed(QWidget*)
vfunc[21]:	QInputContext::actions()
vfunc[22]:	QInputContext::x11FilterEvent(QWidget*, _XEvent*)
vfunc[23]:	QInputContext::filterEvent(QEvent const*)

The Run Time Type Information for the QInputContext class is described by Table 17-427

Table 17-427 typeinfo for QInputContext

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QInputContext
basetype:	typeinfo for QObject

17.4.21.13 Class data for QCheckBox

The virtual table for the QCheckBox class is described by Table 17-428

Table 17-428 Primary vtable for QCheckBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCheckBox
vfunc[0]:	QCheckBox::metaObject() const
vfunc[1]:	QCheckBox::qt_metacast(char const*)
vfunc[2]:	QCheckBox::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QCheckBox::~QCheckBox()
vfunc[4]:	NULL or QCheckBox::~QCheckBox()
vfunc[5]:	QCheckBox::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractButton::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QCheckBox::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractButton::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractButton::mouseReleaseEvent(QMouseEvent*)

vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QCheckBox::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractButton::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractButton::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractButton::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractButton::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QCheckBox::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractButton::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)

vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QCheckBox::hitButton(QPoint const&) const
vfunc[55]:	QCheckBox::checkStateSet()
vfunc[56]:	QCheckBox::nextCheckState()

The Run Time Type Information for the QCheckBox class is described by Table 17-429

Table 17-429 typeinfo for QCheckBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCheckBox
basetype:	typeinfo for QAbstractButton

17.4.21.14 Class data for QSpinBox

The virtual table for the QSpinBox class is described by Table 17-430

Table 17-430 Primary vtable for QSpinBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSpinBox
vfunc[0]:	QSpinBox::metaObject() const
vfunc[1]:	QSpinBox::qt_metacast(char const*)
vfunc[2]:	QSpinBox::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QSpinBox::~QSpinBox()
vfunc[4]:	NULL or QSpinBox::~QSpinBox()
vfunc[5]:	QSpinBox::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractSpinBox::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)

© 2008 Linux Foundation

vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractSpinBox::sizeHint() const
vfunc[15]:	QAbstractSpinBox::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractSpinBox::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractSpinBox::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractSpinBox::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractSpinBox::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractSpinBox::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractSpinBox::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractSpinBox::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractSpinBox::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QAbstractSpinBox::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractSpinBox::resizeEvent(QResizeEvent*)
vfunc[32]:	QAbstractSpinBox::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractSpinBox::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent

	*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QAbstractSpinBox::showEvent(QShowEvent*)
vfunc[41]:	QAbstractSpinBox::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractSpinBox::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QSpinBox::validate(QString&, int&) const
vfunc[55]:	QSpinBox::fixup(QString&) const
vfunc[56]:	QAbstractSpinBox::stepBy(int)
vfunc[57]:	QAbstractSpinBox::clear()
vfunc[58]:	QAbstractSpinBox::stepEnabled() const
vfunc[59]:	QSpinBox::valueFromText(QString const&) const
vfunc[60]:	QSpinBox::textFromValue(int) const

The Run Time Type Information for the QSpinBox class is described by Table 17-431

Table 17-431 typeinfo for QSpinBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSpinBox
basetype:	typeinfo for QAbstractSpinBox

17.4.21.15 Class data for QDoubleSpinBox

The virtual table for the QDoubleSpinBox class is described by Table 17-432

Table 17-432 Primary vtable for QDoubleSpinBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDoubleSpinBox
vfunc[0]:	QDoubleSpinBox::metaObject() const
vfunc[1]:	QDoubleSpinBox::qt_metacast(char const*)
vfunc[2]:	QDoubleSpinBox::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QDoubleSpinBox::~QDoubleSpinBox()
vfunc[4]:	NULL or QDoubleSpinBox::~QDoubleSpinBox()
vfunc[5]:	QAbstractSpinBox::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractSpinBox::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractSpinBox::sizeHint() const
vfunc[15]:	QAbstractSpinBox::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractSpinBox::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractSpinBox::mouseReleaseEv

	ent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractSpinBox::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractSpinBox::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractSpinBox::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractSpinBox::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractSpinBox::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractSpinBox::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QAbstractSpinBox::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QAbstractSpinBox::resizeEvent(QResizeEvent*)
vfunc[32]:	QAbstractSpinBox::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractSpinBox::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QAbstractSpinBox::showEvent(QShowEvent*)
vfunc[41]:	QAbstractSpinBox::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractSpinBox::changeEvent(QEvent*)

© 2008 Linux Foundation

vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDoubleSpinBox::validate(QString&, int&) const
vfunc[55]:	QDoubleSpinBox::fixup(QString&) const
vfunc[56]:	QAbstractSpinBox::stepBy(int)
vfunc[57]:	QAbstractSpinBox::clear()
vfunc[58]:	QAbstractSpinBox::stepEnabled() const
vfunc[59]:	QDoubleSpinBox::valueFromText(QString const&) const
vfunc[60]:	QDoubleSpinBox::textFromValue(double) const

The Run Time Type Information for the QDoubleSpinBox class is described by Table 17-433

Table 17-433 typeinfo for QDoubleSpinBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDoubleSpinBox
basetype:	typeinfo for QAbstractSpinBox

17.4.21.16 Class data for QLCDNumber

The virtual table for the QLCDNumber class is described by Table 17-434

Table 17-434 Primary vtable for QLCDNumber

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLCDNumber

vfunc[0]:	QLCDNumber::metaObject() const
vfunc[1]:	QLCDNumber::qt_metacast(char const*)
vfunc[2]:	QLCDNumber::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QLCDNumber::~QLCDNumber()
vfunc[4]:	QLCDNumber::~QLCDNumber()
vfunc[5]:	QLCDNumber::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QLCDNumber::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QLCDNumber::paintEvent(QPaintE

© 2008 Linux Foundation

	vent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent *)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QLCDNumber class is described by Table 17-435

Table 17-435 typeinfo for QLCDNumber

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QLCDNumber
basetype:	typeinfo for QFrame

17.4.21.17 Class data for QStackedWidget

The virtual table for the QStackedWidget class is described by Table 17-436

Table 17-436 Primary vtable for QStackedWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStackedWidget
vfunc[0]:	QStackedWidget::metaObject() const
vfunc[1]:	QStackedWidget::qt_metacast(char const*)
vfunc[2]:	QStackedWidget::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QStackedWidget::~QStackedWidget()
vfunc[4]:	QStackedWidget::~QStackedWidget()
vfunc[5]:	QStackedWidget::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QFrame::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)

vfunc[22]:	QWidget::wheelEvent(QWheelEvent *)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent *)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QFrame::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent *)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)

vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QStackedWidget class is described by Table 17-437

Table 17-437 typeinfo for QStackedWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStackedWidget
basetype:	typeinfo for QFrame

17.4.21.18 Class data for QPushButton

The virtual table for the QPushButton class is described by Table 17-438

Table 17-438 Primary vtable for QPushButton

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPushButton
vfunc[0]:	QPushButton::metaObject() const
vfunc[1]:	QPushButton::qt_metacast(char const*)
vfunc[2]:	QPushButton::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QPushButton::~QPushButton()
vfunc[4]:	QPushButton::~QPushButton()
vfunc[5]:	QPushButton::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractButton::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QPushButton::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const

vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractButton::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractButton::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractButton::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QPushButton::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractButton::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QPushButton::focusInEvent(QFocusEvent*)
vfunc[26]:	QPushButton::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QPushButton::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)

vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractButton::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractButton::hitButton(QPoint const&) const
vfunc[55]:	QAbstractButton::checkStateSet()
vfunc[56]:	QAbstractButton::nextCheckState()

The Run Time Type Information for the QPushButton class is described by Table 17-439

Table 17-439 typeinfo for QPushButton

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPushButton
basetype:	typeinfo for QAbstractButton

17.4.21.19 Class data for QLabel

The virtual table for the QLabel class is described by Table 17-440

Table 17-440 Primary vtable for QLabel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLabel
vfunc[0]:	QLabel::metaObject() const
vfunc[1]:	QLabel::qt_metacast(char const*)
vfunc[2]:	QLabel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QLabel::~QLabel()

vfunc[4]:	QLabel::~QLabel()
vfunc[5]:	QLabel::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QLabel::sizeHint() const
vfunc[15]:	QLabel::minimumSizeHint() const
vfunc[16]:	QLabel::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QLabel::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QCont

	extMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QLabel::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QLabel class is described by Table 17-441

Table 17-441 typeinfo for QLabel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QLabel
basetype:	typeinfo for QFrame

17.4.21.20 Class data for QDockWidget

The virtual table for the QDockWidget class is described by Table 17-442

Table 17-442 Primary vtable for QDockWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDockWidget
vfunc[0]:	QDockWidget::metaObject() const
vfunc[1]:	QDockWidget::qt_metacast(char const*)
vfunc[2]:	QDockWidget::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QDockWidget::~QDockWidget()
vfunc[4]:	QDockWidget::~QDockWidget()
vfunc[5]:	QDockWidget::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEv

	ent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QDockWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QDockWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QDockWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)

© 2008 Linux Foundation

vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QDockWidget class is described by Table 17-443

Table 17-443 typeinfo for QDockWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDockWidget
basetype:	typeinfo for QWidget

17.4.21.21 Class data for QMainWindow

The virtual table for the QMainWindow class is described by Table 17-444

Table 17-444 Primary vtable for QMainWindow

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMainWindow
vfunc[0]:	QMainWindow::metaObject() const
vfunc[1]:	QMainWindow::qt_metacast(char const*)
vfunc[2]:	QMainWindow::qt_metacall(QMeta Object::Call, int, void**)
vfunc[3]:	QMainWindow::~QMainWindow()
vfunc[4]:	QMainWindow::~QMainWindow()
vfunc[5]:	QMainWindow::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMous eEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMo useEvent*)

vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QMainWindow::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::In

	putMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QMainWindow::createPopupMenu()

The Run Time Type Information for the QMainWindow class is described by Table 17-445

Table 17-445 typeinfo for QMainWindow

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMainWindow
basetype:	typeinfo for QWidget

17.4.21.22 Class data for QTextEdit

The virtual table for the QTextEdit class is described by Table 17-446

Table 17-446 Primary vtable for QTextEdit

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextEdit
vfunc[0]:	QTextEdit::metaObject() const
vfunc[1]:	QTextEdit::qt_metacast(char const*)
vfunc[2]:	QTextEdit::qt_metacall(QMetaObject ::Call, int, void**)
vfunc[3]:	QTextEdit::~QTextEdit()
vfunc[4]:	QTextEdit::~QTextEdit()
vfunc[5]:	QTextEdit::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QTextEdit::timerEvent(QTimerEvent *)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char

	const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractScrollArea::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QTextEdit::mousePressEvent(QMouseEvent*)
vfunc[19]:	QTextEdit::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QTextEdit::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QTextEdit::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QTextEdit::wheelEvent(QWheelEvent*)
vfunc[23]:	QTextEdit::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QTextEdit::focusInEvent(QFocusEvent*)
vfunc[26]:	QTextEdit::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QTextEdit::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QTextEdit::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QTextEdit::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QTextEdit::dragEnterEvent(QDragEnterEvent*)

© 2008 Linux Foundation

vfunc[37]:	QTextEdit::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QTextEdit::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QTextEdit::dropEvent(QDropEvent*)
vfunc[40]:	QTextEdit::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QTextEdit::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QTextEdit::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QTextEdit::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QTextEdit::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractScrollArea::viewportEvent(QEvent*)
vfunc[55]:	QTextEdit::scrollContentsBy(int, int)
vfunc[56]:	QTextEdit::loadResource(int, QUrl const&)
vfunc[57]:	QTextEdit::createMimeDataFromSelection() const
vfunc[58]:	QTextEdit::canInsertFromMimeData(QMimeData const*) const
vfunc[59]:	QTextEdit::insertFromMimeData(QMimeData const*)

The Run Time Type Information for the QTextEdit class is described by Table 17-447

Table 17-447 typeinfo for QTextEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info

Name	typeinfo name for QTextEdit
basetype:	typeinfo for QAbstractScrollArea

17.4.21.23 Class data for QProgressBar

The virtual table for the QProgressBar class is described by Table 17-448

Table 17-448 Primary vtable for QProgressBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QProgressBar
vfunc[0]:	QProgressBar::metaObject() const
vfunc[1]:	QProgressBar::qt_metacast(char const*)
vfunc[2]:	QProgressBar::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QProgressBar::~QProgressBar()
vfunc[4]:	NULL or QProgressBar::~QProgressBar()
vfunc[5]:	QProgressBar::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QProgressBar::sizeHint() const
vfunc[15]:	QProgressBar::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent

	*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent *)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QProgressBar::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent *)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)

vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QProgressBar::text() const

The Run Time Type Information for the QProgressBar class is described by Table 17-449

Table 17-449 typeinfo for QProgressBar

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QProgressBar
basetype:	typeinfo for QWidget

17.4.21.24 Class data for QScrollBar

The virtual table for the QScrollBar class is described by Table 17-450

Table 17-450 Primary vtable for QScrollBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QScrollBar
vfunc[0]:	QScrollBar::metaObject() const
vfunc[1]:	QScrollBar::qt_metacast(char const*)
vfunc[2]:	QScrollBar::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QScrollBar::~QScrollBar()
vfunc[4]:	QScrollBar::~QScrollBar()
vfunc[5]:	QScrollBar::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractSlider::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QScrollBar::sizeHint() const

© 2008 Linux Foundation

vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QScrollBar::mousePressEvent(QMouseEvent*)
vfunc[19]:	QScrollBar::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QScrollBar::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractSlider::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractSlider::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QScrollBar::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QScrollBar::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)

vfunc[41]:	QScrollBar::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractSlider::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QScrollBar::sliderChange(QAbstractSlider::SliderChange)

The Run Time Type Information for the QScrollBar class is described by Table 17-451

Table 17-451 typeinfo for QScrollBar

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QScrollBar
basetype:	typeinfo for QAbstractSlider

17.4.21.25 Class data for QTextBrowser

The virtual table for the QTextBrowser class is described by Table 17-452

Table 17-452 Primary vtable for QTextBrowser

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextBrowser
vfunc[0]:	QTextBrowser::metaObject() const
vfunc[1]:	QTextBrowser::qt_metacast(char const*)
vfunc[2]:	QTextBrowser::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTextBrowser::~QTextBrowser()

© 2008 Linux Foundation

vfunc[4]:	QTextBrowser::~QTextBrowser()
vfunc[5]:	QTextBrowser::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QTextEdit::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QAbstractScrollArea::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QTextBrowser::mousePressEvent(QMouseEvent*)
vfunc[19]:	QTextBrowser::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QTextEdit::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QTextBrowser::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QTextEdit::wheelEvent(QWheelEvent*)
vfunc[23]:	QTextBrowser::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QTextEdit::focusInEvent(QFocusEvent*)
vfunc[26]:	QTextBrowser::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QTextBrowser::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QTextEdit::resizeEvent(QResizeEven

	t*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QTextEdit::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QTextEdit::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QTextEdit::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QTextEdit::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QTextEdit::dropEvent(QDropEvent*)
vfunc[40]:	QTextEdit::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QTextEdit::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QTextEdit::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QTextEdit::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QTextBrowser::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractScrollArea::viewportEvent(QEvent*)
vfunc[55]:	QTextEdit::scrollContentsBy(int, int)
vfunc[56]:	QTextBrowser::loadResource(int, QUrl const&)
vfunc[57]:	QTextEdit::createMimeDataFromSel

© 2008 Linux Foundation

	ection() const
vfunc[58]:	QTextEdit::canInsertFromMimeData (QMimeData const*) const
vfunc[59]:	QTextEdit::insertFromMimeData(Q MimeData const*)
vfunc[60]:	QTextBrowser::setSource(QUrl const&)
vfunc[61]:	QTextBrowser::backward()
vfunc[62]:	QTextBrowser::forward()
vfunc[63]:	QTextBrowser::home()
vfunc[64]:	QTextBrowser::reload()

The Run Time Type Information for the QTextBrowser class is described by Table 17-453

Table 17-453 typeinfo for QTextBrowser

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextBrowser
basetype:	typeinfo for QTextEdit

17.4.21.26 Class data for QScrollArea

The virtual table for the QScrollArea class is described by Table 17-454

Table 17-454 Primary vtable for QScrollArea

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QScrollArea
vfunc[0]:	QScrollArea::metaObject() const
vfunc[1]:	QScrollArea::qt_metacast(char const*)
vfunc[2]:	QScrollArea::qt_metacall(QMetaObje ct::Call, int, void**)
vfunc[3]:	QScrollArea::~QScrollArea()
vfunc[4]:	QScrollArea::~QScrollArea()
vfunc[5]:	QScrollArea::event(QEvent*)
vfunc[6]:	QScrollArea::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QScrollArea::sizeHint() const
vfunc[15]:	QAbstractScrollArea::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractScrollArea::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractScrollArea::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QAbstractScrollArea::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractScrollArea::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractScrollArea::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QAbstractScrollArea::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QScrollArea::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QAbstractScrollArea::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QAbstractScrollArea::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QAbstractScrollArea::dragMoveEvent(QDragMoveEvent*)

© 2008 Linux Foundation

vfunc[38]:	QAbstractScrollArea::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QAbstractScrollArea::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QFrame::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QScrollArea::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractScrollArea::viewportEvent(QEvent*)
vfunc[55]:	QScrollArea::scrollContentsBy(int, int)

The Run Time Type Information for the QScrollArea class is described by Table 17-455

Table 17-455 typeinfo for QScrollArea

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QScrollArea
basetype:	typeinfo for QAbstractScrollArea

17.4.21.27 Class data for QToolButton

The virtual table for the QToolButton class is described by Table 17-456

Table 17-456 Primary vtable for QToolButton

Base Offset	0
Virtual Base Offset	0

RTTI	typeinfo for QToolButton
vfunc[0]:	QToolButton::metaObject() const
vfunc[1]:	QToolButton::qt_metacast(char const*)
vfunc[2]:	QToolButton::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QToolButton::~QToolButton()
vfunc[4]:	QToolButton::~QToolButton()
vfunc[5]:	QToolButton::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QToolButton::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QToolButton::sizeHint() const
vfunc[15]:	QToolButton::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QToolButton::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractButton::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QAbstractButton::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractButton::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractButton::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractButton::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractButton::focusOutEvent(QFocusEvent*)
vfunc[27]:	QToolButton::enterEvent(QEvent*)

© 2008 Linux Foundation

vfunc[28]:	QToolButton::leaveEvent(QEvent*)
vfunc[29]:	QToolButton::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QToolButton::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QToolButton::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractButton::hitButton(QPoint const&) const
vfunc[55]:	QAbstractButton::checkStateSet()

vfunc[56]:	QToolButton::nextCheckState()

The Run Time Type Information for the QToolButton class is described by Table 17-457

Table 17-457 typeinfo for QToolButton

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolButton
basetype:	typeinfo for QAbstractButton

17.4.21.28 Class data for QComboBox

The virtual table for the QComboBox class is described by Table 17-458

Table 17-458 Primary vtable for QComboBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QComboBox
vfunc[0]:	QComboBox::metaObject() const
vfunc[1]:	QComboBox::qt_metacast(char const*)
vfunc[2]:	QComboBox::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QComboBox::~QComboBox()
vfunc[4]:	QComboBox::~QComboBox()
vfunc[5]:	QComboBox::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QComboBox::sizeHint() const
vfunc[15]:	QComboBox::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QComboBox::mousePressEvent(QMouseEvent*)
vfunc[19]:	QComboBox::mouseReleaseEvent(Q

	MouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QComboBox::wheelEvent(QWheelEvent*)
vfunc[23]:	QComboBox::keyPressEvent(QKeyEvent*)
vfunc[24]:	QComboBox::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QComboBox::focusInEvent(QFocusEvent*)
vfunc[26]:	QComboBox::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QComboBox::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QComboBox::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QComboBox::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QComboBox::showEvent(QShowEvent*)
vfunc[41]:	QComboBox::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QComboBox::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const

vfunc[45]:	QComboBox::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QComboBox::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QComboBox::showPopup()
vfunc[55]:	QComboBox::hidePopup()

The Run Time Type Information for the QComboBox class is described by Table 17-459

Table 17-459 typeinfo for QComboBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QComboBox
basetype:	typeinfo for QWidget

17.4.21.29 Class data for QRadioButton

The virtual table for the QRadioButton class is described by Table 17-460

Table 17-460 Primary vtable for QRadioButton

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QRadioButton
vfunc[0]:	QRadioButton::metaObject() const
vfunc[1]:	QRadioButton::qt_metacast(char const*)
vfunc[2]:	QRadioButton::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	NULL or QRadioButton::~QRadioButton()
vfunc[4]:	NULL or QRadioButton::~QRadioButton()
vfunc[5]:	QRadioButton::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)

© 2008 Linux Foundation

vfunc[7]:	QAbstractButton::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QRadioButton::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QAbstractButton::mousePressEvent(QMouseEvent*)
vfunc[19]:	QAbstractButton::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QRadioButton::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractButton::keyPressEvent(QKeyEvent*)
vfunc[24]:	QAbstractButton::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QAbstractButton::focusInEvent(QFocusEvent*)
vfunc[26]:	QAbstractButton::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QRadioButton::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)

vfunc[35]:	QWidget::actionEvent(QActionEvent *)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractButton::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QRadioButton::hitButton(QPoint const&) const
vfunc[55]:	QAbstractButton::checkStateSet()
vfunc[56]:	QAbstractButton::nextCheckState()

The Run Time Type Information for the QRadioButton class is described by Table 17-461

Table 17-461 typeinfo for QRadioButton

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QRadioButton
basetype:	typeinfo for QAbstractButton

17.4.21.30 Class data for QFocusFrame

The virtual table for the QFocusFrame class is described by Table 17-462

Table 17-462 Primary vtable for QFocusFrame

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFocusFrame
vfunc[0]:	QFocusFrame::metaObject() const
vfunc[1]:	QFocusFrame::qt_metacast(char const*)
vfunc[2]:	QFocusFrame::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QFocusFrame::~QFocusFrame()
vfunc[4]:	QFocusFrame::~QFocusFrame()
vfunc[5]:	QFocusFrame::event(QEvent*)
vfunc[6]:	QFocusFrame::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)

vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QFocusFrame::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange

© 2008 Linux Foundation

	(bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QFocusFrame class is described by Table 17-463

Table 17-463 typeinfo for QFocusFrame

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFocusFrame
basetype:	typeinfo for QWidget

17.4.21.31 Class data for QToolBox

The virtual table for the QToolBox class is described by Table 17-464

Table 17-464 Primary vtable for QToolBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QToolBox
vfunc[0]:	QToolBox::metaObject() const
vfunc[1]:	QToolBox::qt_metacast(char const*)
vfunc[2]:	QToolBox::qt_metacall(QMetaObject ::Call, int, void**)
vfunc[3]:	QToolBox::~QToolBox()
vfunc[4]:	QToolBox::~QToolBox()
vfunc[5]:	QToolBox::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QFrame::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)

vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QFrame::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QToolBox::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QToolBox::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)

© 2008 Linux Foundation

vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QToolBox::itemInserted(int)
vfunc[55]:	QToolBox::itemRemoved(int)

The Run Time Type Information for the QToolBox class is described by Table 17-465

Table 17-465 typeinfo for QToolBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolBox
basetype:	typeinfo for QFrame

17.4.21.32 Class data for QDial

The virtual table for the QDial class is described by Table 17-466

Table 17-466 Primary vtable for QDial

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDial
vfunc[0]:	QDial::metaObject() const
vfunc[1]:	QDial::qt_metacast(char const*)
vfunc[2]:	QDial::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QDial::~QDial()
vfunc[4]:	QDial::~QDial()
vfunc[5]:	QDial::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QAbstractSlider::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)

vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QDial::sizeHint() const
vfunc[15]:	QDial::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QDial::mousePressEvent(QMouseEvent*)
vfunc[19]:	QDial::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QDial::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QAbstractSlider::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractSlider::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QDial::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QDial::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)

© 2008 Linux Foundation

vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractSlider::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDial::sliderChange(QAbstractSlider::SliderChange)

The Run Time Type Information for the QDial class is described by Table 17-467

Table 17-467 typeinfo for QDial

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDial
basetype:	typeinfo for QAbstractSlider

17.4.21.33 Class data for QSystemTrayIcon

The virtual table for the QSystemTrayIcon class is described by Table 17-468

Table 17-468 Primary vtable for QSystemTrayIcon

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSystemTrayIcon
vfunc[0]:	QSystemTrayIcon::metaObject() const
vfunc[1]:	QSystemTrayIcon::qt_metacast(char

	const*)
vfunc[2]:	QSystemTrayIcon::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSystemTrayIcon::~QSystemTrayIcon()
vfunc[4]:	QSystemTrayIcon::~QSystemTrayIcon()
vfunc[5]:	QSystemTrayIcon::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

17.4.21.34 Interfaces for Qt4 Widgets

An LSB conforming implementation shall provide the generic functions for Qt4 Widgets specified in Table 17-469, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-469 libQtGui - Qt4 Widgets Function Interfaces

_ZN10QLCDNumber10paintEventEP11QPaintEvent [QtGui]	_ZN10QLCDNumber10setBinModeEv [QtGui]
_ZN10QLCDNumber10setDecModeEv [QtGui]	_ZN10QLCDNumber10setHexModeEv [QtGui]
_ZN10QLCDNumber10setOctModeEv [QtGui]	_ZN10QLCDNumber11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN10QLCDNumber11qt_metacastEPKc [QtGui]	_ZN10QLCDNumber12setNumDigitsEi [QtGui]
_ZN10QLCDNumber15setSegmentStyleENS_12SegmentStyleE [QtGui]	_ZN10QLCDNumber20setSmallDecimalPointEb [QtGui]
_ZN10QLCDNumber5eventEP6QEvent [QtGui]	_ZN10QLCDNumber7displayERK7QString [QtGui]
_ZN10QLCDNumber7displayEd [QtGui]	_ZN10QLCDNumber7displayEi [QtGui]
_ZN10QLCDNumber7setModeENS_4ModeE [QtGui]	_ZN10QLCDNumber8overflowEv [QtGui]
_ZN10QLCDNumberC1EP7QWidget [QtGui]	_ZN10QLCDNumberC1EP7QWidgetPKc [QtGui]
_ZN10QLCDNumberC1EjP7QWidget [QtGui]	_ZN10QLCDNumberC1EjP7QWidgetPKc [QtGui]
_ZN10QLCDNumberC2EP7QWidget [QtGui]	_ZN10QLCDNumberC2EP7QWidgetPKc [QtGui]

_ZN10QLCDNumberC2EjP7QWidget [QtGui]	_ZN10QLCDNumberC2EjP7QWidgetPKc [QtGui]
_ZN10QLCDNumberD0Ev [QtGui]	_ZN10QLCDNumberD1Ev [QtGui]
_ZN10QLCDNumberD2Ev [QtGui]	_ZN10QScrollBar10paintEventEP11QPaintEvent [QtGui]
_ZN10QScrollBar11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN10QScrollBar11qt_metacastEPKc [QtGui]
_ZN10QScrollBar12sliderChangeEN15QAbstractSlider12SliderChangeE [QtGui]	_ZN10QScrollBar14mouseMoveEventEP11QMouseEvent [QtGui]
_ZN10QScrollBar15mousePressEventEP11QMouseEvent [QtGui]	_ZN10QScrollBar16contextMenuEventEP17QContextMenuEvent [QtGui]
_ZN10QScrollBar17mouseReleaseEventEP11QMouseEvent [QtGui]	_ZN10QScrollBar5eventEP6QEvent [QtGui]
_ZN10QScrollBar9hideEventEP10QHideEvent [QtGui]	_ZN10QScrollBarC1EN2Qt11OrientationEP7QWidget [QtGui]
_ZN10QScrollBarC1EN2Qt11OrientationEP7QWidgetPKc [QtGui]	_ZN10QScrollBarC1EP7QWidget [QtGui]
_ZN10QScrollBarC1EP7QWidgetPKc [QtGui]	_ZN10QScrollBarC1EiiiiiN2Qt11OrientationEP7QWidgetPKc [QtGui]
_ZN10QScrollBarC2EN2Qt11OrientationEP7QWidget [QtGui]	_ZN10QScrollBarC2EN2Qt11OrientationEP7QWidgetPKc [QtGui]
_ZN10QScrollBarC2EP7QWidget [QtGui]	_ZN10QScrollBarC2EP7QWidgetPKc [QtGui]
_ZN10QScrollBarC2EiiiiiN2Qt11OrientationEP7QWidgetPKc [QtGui]	_ZN10QScrollBarD0Ev [QtGui]
_ZN10QScrollBarD1Ev [QtGui]	_ZN10QScrollBarD2Ev [QtGui]
_ZN10QTabWidget10paintEventEP11QPaintEvent [QtGui]	_ZN10QTabWidget10setTabIconEiRK5QIcon [QtGui]
_ZN10QTabWidget10setTabTextEiRK7QString [QtGui]	_ZN10QTabWidget10tabRemovedEi [QtGui]
_ZN10QTabWidget11changeEventEP6QEvent [QtGui]	_ZN10QTabWidget11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN10QTabWidget11qt_metacastEPKc [QtGui]	_ZN10QTabWidget11resizeEventEP12QResizeEvent [QtGui]
_ZN10QTabWidget11setIconSizeERK5QSize [QtXml]	_ZN10QTabWidget11setTabShapeENS_8TabShapeE [QtGui]
_ZN10QTabWidget11tabInsertedEi [QtGui]	_ZN10QTabWidget12setElideModeEN2Qt13TextElideModeE [QtXml]
_ZN10QTabWidget13keyPressEventEP9QKeyEvent [QtGui]	_ZN10QTabWidget13setTabEnabledEib [QtGui]
_ZN10QTabWidget13setTabToolTipEiRK7QString [QtGui]	_ZN10QTabWidget14currentChangedEP7QWidget [QtGui]
_ZN10QTabWidget14currentChangedEi [QtGui]	_ZN10QTabWidget14setTabPositionENS_11TabPositionE [QtGui]

_ZN10QTabWidget15setCornerWidgetEP7QWidgetN2Qt6CornerE [QtGui]	_ZN10QTabWidget15setCurrentIndexEi [QtGui]
_ZN10QTabWidget15setTabWhatsThisEiRK7QString [QtGui]	_ZN10QTabWidget16setCurrentWidgetEP7QWidget [QtGui]
_ZN10QTabWidget20setUsesScrollButtonsEb [QtXml]	_ZN10QTabWidget5eventEP6QEvent [QtGui]
_ZN10QTabWidget6addTabEP7QWidgetRK5QIconRK7QString [QtGui]	_ZN10QTabWidget6addTabEP7QWidgetRK7QString [QtGui]
_ZN10QTabWidget8selectedERK7QString [QtXml]	_ZN10QTabWidget9insertTabEiP7QWidgetRK5QIconRK7QString [QtGui]
_ZN10QTabWidget9insertTabEiP7QWidgetRK7QString [QtGui]	_ZN10QTabWidget9removeTabEi [QtGui]
_ZN10QTabWidget9setTabBarEP7QTabBar [QtGui]	_ZN10QTabWidget9showEventEP10QShowEvent [QtGui]
_ZN10QTabWidgetC1EP7QWidget [QtGui]	_ZN10QTabWidgetC1EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN10QTabWidgetC2EP7QWidget [QtGui]	_ZN10QTabWidgetC2EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN10QTabWidgetD0Ev [QtGui]	_ZN10QTabWidgetD1Ev [QtGui]
_ZN10QTabWidgetD2Ev [QtGui]	_ZN10QWhatsThis12createActionEP7QObject [QtGui]
_ZN10QWhatsThis15inWhatsThisModeEv [QtGui]	_ZN10QWhatsThis15whatsThisButtonEP7QWidget [QtGui]
_ZN10QWhatsThis18enterWhatsThisModeEv [QtGui]	_ZN10QWhatsThis18leaveWhatsThisModeEv [QtGui]
_ZN10QWhatsThis3addEP7QWidgetRK7QString [QtGui]	_ZN10QWhatsThis6removeEP7QWidget [QtGui]
_ZN10QWhatsThis8hideTextEv [QtGui]	_ZN10QWhatsThis8showTextERK6QPointRK7QStringP7QWidget [QtGui]
_ZN11QDockWidget10closeEventEP11QCloseEvent [QtGui]	_ZN11QDockWidget10paintEventEP11QPaintEvent [QtGui]
_ZN11QDockWidget11changeEventEP6QEvent [QtGui]	_ZN11QDockWidget11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN11QDockWidget11qt_metacastEPKc [QtGui]	_ZN11QDockWidget11setFeaturesE6QFlagsINS_17DockWidgetFeatureEE [QtGui]
_ZN11QDockWidget11setFloatingEb [QtGui]	_ZN11QDockWidget15featuresChangedE6QFlagsINS_17DockWidgetFeatureEE [QtGui]
_ZN11QDockWidget15setAllowedAreasE6QFlagsIN2Qt14DockWidgetA	_ZN11QDockWidget15topLevelChangedEb [QtGui]

reaEE [QtGui]	
_ZN11QDockWidget19allowedAreasChangedE6QFlagsIN2Qt14DockWidgetAreaEE [QtGui]	_ZN11QDockWidget5eventEP6QEvent [QtGui]
_ZN11QDockWidget9setWidgetEP7QWidget [QtGui]	_ZN11QDockWidgetC1EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN11QDockWidgetC1ERK7QStringP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN11QDockWidgetC2EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN11QDockWidgetC2ERK7QStringP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN11QDockWidgetD0Ev [QtGui]
_ZN11QDockWidgetD1Ev [QtGui]	_ZN11QDockWidgetD2Ev [QtGui]
_ZN11QFocusFrame10paintEventEP11QPaintEvent [QtGui]	_ZN11QFocusFrame11eventFilterEP7QObjectP6QEvent [QtGui]
_ZN11QFocusFrame11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN11QFocusFrame11qt_metacastEPKc [QtGui]
_ZN11QFocusFrame5eventEP6QEvent [QtGui]	_ZN11QFocusFrame9setWidgetEP7QWidget [QtGui]
_ZN11QFocusFrameC1EP7QWidget [QtGui]	_ZN11QFocusFrameC2EP7QWidget [QtGui]
_ZN11QFocusFrameD0Ev [QtGui]	_ZN11QFocusFrameD1Ev [QtGui]
_ZN11QFocusFrameD2Ev [QtGui]	_ZN11QListWidget10insertItemEiP15QListWidgetItem [QtGui]
_ZN11QListWidget10insertItemEiRK7QString [QtGui]	_ZN11QListWidget11insertItemsEiRK11QStringList [QtGui]
_ZN11QListWidget11itemChangedEP15QListWidgetItem [QtGui]	_ZN11QListWidget11itemClickedEP15QListWidgetItem [QtGui]
_ZN11QListWidget11itemEnteredEP15QListWidgetItem [QtGui]	_ZN11QListWidget11itemPressedEP15QListWidgetItem [QtGui]
_ZN11QListWidget11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN11QListWidget11qt_metacastEPKc [QtGui]
_ZN11QListWidget12dropMimeDataEiPK9QMimeDataN2Qt10DropActionE [QtGui]	_ZN11QListWidget12scrollToItemEPK15QListWidgetItemN17QAbstractItemView10ScrollHintE [QtGui]
_ZN11QListWidget13itemActivatedEP15QListWidgetItem [QtGui]	_ZN11QListWidget13setCurrentRowEi [QtGui]
_ZN11QListWidget13setItemHiddenEPK15QListWidgetItemb [QtGui]	_ZN11QListWidget13setItemWidgetEP15QListWidgetItemP7QWidget [QtGui]
_ZN11QListWidget14setCurrentItemEP15QListWidgetItem [QtGui]	_ZN11QListWidget15setItemSelectedEPK15QListWidgetItemb [QtGui]
_ZN11QListWidget17currentRowChangedEi [QtGui]	_ZN11QListWidget17itemDoubleClickedEP15QListWidgetItem [QtGui]
_ZN11QListWidget17setSortingEnab	_ZN11QListWidget18currentItemCh

ledEb [QtXml]	angedEP15QListWidgetItemS1_ [QtGui]
_ZN11QListWidget18currentTextChangedERK7QString [QtGui]	_ZN11QListWidget20itemSelectionChangedEv [QtGui]
_ZN11QListWidget20openPersistentEditorEP15QListWidgetItem [QtGui]	_ZN11QListWidget21closePersistentEditorEP15QListWidgetItem [QtGui]
_ZN11QListWidget5clearEv [QtGui]	_ZN11QListWidget5eventEP6QEvent [QtGui]
_ZN11QListWidget8editItemEP15QListWidgetItem [QtGui]	_ZN11QListWidget8setModelEP18QAbstractItemModel [QtGui]
_ZN11QListWidget8takeItemEi [QtGui]	_ZN11QListWidget9dropEventEP10QDropEvent [QtXml]
_ZN11QListWidget9sortItemsEN2Qt9SortOrderE [QtGui]	_ZN11QListWidgetC1EP7QWidget [QtGui]
_ZN11QListWidgetC2EP7QWidget [QtGui]	_ZN11QListWidgetD0Ev [QtGui]
_ZN11QListWidgetD1Ev [QtGui]	_ZN11QListWidgetD2Ev [QtGui]
_ZN11QMainWindow10addToolBarEN2Qt11ToolBarAreaEP8QToolBar [QtGui]	_ZN11QMainWindow10addToolBarEP8QToolBar [QtGui]
_ZN11QMainWindow10addToolBarERK7QString [QtGui]	_ZN11QMainWindow10setMenuBarEP8QMenuBar [QtGui]
_ZN11QMainWindow11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN11QMainWindow11qt_metacastEPKc [QtGui]
_ZN11QMainWindow11setAnimatedEb [QtXml]	_ZN11QMainWindow11setIconSizeERK5QSize [QtGui]
_ZN11QMainWindow12restoreStateERK10QByteArrayi [QtGui]	_ZN11QMainWindow12setStatusBarEP10QStatusBar [QtGui]
_ZN11QMainWindow13addDockWidgetEN2Qt14DockWidgetAreaEP11QDockWidget [QtGui]	_ZN11QMainWindow13addDockWidgetEN2Qt14DockWidgetAreaEP11QDockWidgetNS0_11OrientationE [QtGui]
ZN11QMainWindow13insertToolBarEP8QToolBarS1 [QtGui]	_ZN11QMainWindow13removeToolBarEP8QToolBar [QtGui]
_ZN11QMainWindow13setMenuWidgetEP7QWidget [QtXml]	_ZN11QMainWindow15addToolBarBreakEN2Qt11ToolBarAreaE [QtGui]
_ZN11QMainWindow15createPopupMenuEv [QtGui]	_ZN11QMainWindow15iconSizeChangedERK5QSize [QtGui]
_ZN11QMainWindow15splitDockWidgetEP11QDockWidgetS1_N2Qt11OrientationE [QtGui]	_ZN11QMainWindow16contextMenuEventEP17QContextMenuEvent [QtGui]
_ZN11QMainWindow16removeDockWidgetEP11QDockWidget [QtGui]	_ZN11QMainWindow16setCentralWidgetEP7QWidget [QtGui]
_ZN11QMainWindow16tabifyDock	_ZN11QMainWindow18insertToolB

WidgetEP11QDockWidgetS1_ [QtXml]	arBreakEP8QToolBar [QtGui]
_ZN11QMainWindow18setToolButtonStyleEN2Qt15ToolButtonStyleE [QtGui]	_ZN11QMainWindow21setDockNestingEnabledEb [QtXml]
_ZN11QMainWindow22toolButtonStyleChangedEN2Qt15ToolButtonStyleE [QtGui]	_ZN11QMainWindow5eventEP6QEvent [QtGui]
_ZN11QMainWindow9setCornerEN2Qt6CornerENS0_14DockWidgetAreaE [QtGui]	_ZN11QMainWindowC1EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN11QMainWindowC1EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN11QMainWindowC2EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN11QMainWindowC2EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN11QMainWindowD0Ev [QtGui]
_ZN11QMainWindowD1Ev [QtGui]	_ZN11QMainWindowD2Ev [QtGui]
_ZN11QPushButton10paintEventEP11QPaintEvent [QtGui]	_ZN11QPushButton10setDefaultEb [QtGui]
_ZN11QPushButton11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN11QPushButton11qt_metacastEPKc [QtGui]
_ZN11QPushButton12focusInEventEP11QFocusEvent [QtGui]	_ZN11QPushButton13focusOutEventEP11QFocusEvent [QtGui]
_ZN11QPushButton13keyPressEventEP9QKeyEvent [QtGui]	_ZN11QPushButton14setAutoDefaultEb [QtGui]
_ZN11QPushButton5eventEP6QEvent [QtGui]	_ZN11QPushButton7setFlatEb [QtGui]
_ZN11QPushButton7setMenuEP5QMenu [QtGui]	_ZN11QPushButton8showMenuEv [QtGui]
_ZN11QPushButtonC1EP7QWidget [QtGui]	_ZN11QPushButtonC1EP7QWidgetPKc [QtGui]
_ZN11QPushButtonC1ERK5QIconRK7QStringP7QWidget [QtGui]	_ZN11QPushButtonC1ERK5QIconRK7QStringP7QWidgetPKc [QtGui]
_ZN11QPushButtonC1ERK7QStringP7QWidget [QtGui]	_ZN11QPushButtonC1ERK7QStringP7QWidgetPKc [QtGui]
_ZN11QPushButtonC2EP7QWidget [QtGui]	_ZN11QPushButtonC2EP7QWidgetPKc [QtGui]
_ZN11QPushButtonC2ERK5QIconRK7QStringP7QWidget [QtGui]	_ZN11QPushButtonC2ERK5QIconRK7QStringP7QWidgetPKc [QtGui]
_ZN11QPushButtonC2ERK7QStringP7QWidget [QtGui]	_ZN11QPushButtonC2ERK7QStringP7QWidgetPKc [QtGui]
_ZN11QPushButtonD0Ev [QtGui]	_ZN11QPushButtonD1Ev [QtGui]
_ZN11QPushButtonD2Ev [QtGui]	_ZN11QScrollArea10takeWidgetEv [QtGui]
_ZN11QScrollArea11eventFilterEP7	_ZN11QScrollArea11qt_metacallEN1

QObjectP6QEvent [QtGui]	1QMetaObject4CallEiPPv [QtGui]
_ZN11QScrollArea11qt_metacastEPKc [QtGui]	_ZN11QScrollArea11resizeEventEP12QResizeEvent [QtGui]
_ZN11QScrollArea12setAlignmentE6QFlagsIN2Qt13AlignmentFlagEE [QtXml]	_ZN11QScrollArea13ensureVisibleEiiii [QtGui]
_ZN11QScrollArea16scrollContentsByEii [QtGui]	_ZN11QScrollArea18focusNextPrevChildEb [QtGui]
_ZN11QScrollArea18setWidgetResizableEb [QtGui]	_ZN11QScrollArea19ensureWidgetVisibleEP7QWidgetii [QtXml]
_ZN11QScrollArea5eventEP6QEvent [QtGui]	_ZN11QScrollArea9setWidgetEP7QWidget [QtGui]
_ZN11QScrollAreaC1EP7QWidget [QtGui]	_ZN11QScrollAreaC2EP7QWidget [QtGui]
_ZN11QScrollAreaD0Ev [QtGui]	_ZN11QScrollAreaD1Ev [QtGui]
_ZN11QScrollAreaD2Ev [QtGui]	_ZN11QToolButton10enterEventEP6QEvent [QtGui]
_ZN11QToolButton10leaveEventEP6QEvent [QtGui]	_ZN11QToolButton10paintEventEP11QPaintEvent [QtGui]
_ZN11QToolButton10setIconSetERK5QIconb [QtGui]	_ZN11QToolButton10timerEventEP11QTimerEvent [QtGui]
_ZN11QToolButton11actionEventEP12QActionEvent [QtGui]	_ZN11QToolButton11changeEventEP6QEvent [QtGui]
_ZN11QToolButton11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN11QToolButton11qt_metacastEPKc [QtGui]
_ZN11QToolButton12setArrowTypeEN2Qt9ArrowTypeE [QtGui]	_ZN11QToolButton12setAutoRaiseEb [QtGui]
_ZN11QToolButton12setOnIconSetERK5QIcon [QtGui]	_ZN11QToolButton12setPopupModeENS_19ToolButtonPopupModeE [QtGui]
_ZN11QToolButton13setOffIconSetERK5QIcon [QtGui]	_ZN11QToolButton13setPopupDelayEi [QtGui]
_ZN11QToolButton14nextCheckStateEv [QtGui]	_ZN11QToolButton15mousePressEventEP11QMouseEvent [QtGui]
_ZN11QToolButton16setDefaultActionEP7QAction [QtGui]	_ZN11QToolButton17mouseReleaseEventEP11QMouseEvent [QtXml]
_ZN11QToolButton18setToolButtonStyleEN2Qt15ToolButtonStyleE [QtGui]	_ZN11QToolButton5eventEP6QEvent [QtGui]
_ZN11QToolButton7setMenuEP5QMenu [QtGui]	_ZN11QToolButton8showMenuEv [QtGui]
_ZN11QToolButton9triggeredEP7QAction [QtGui]	_ZN11QToolButtonC1EN2Qt9ArrowTypeEP7QWidgetPKc [QtGui]
_ZN11QToolButtonC1EP7QWidget [QtGui]	_ZN11QToolButtonC1EP7QWidgetPKc [QtGui]
_ZN11QToolButtonC1ERK5QIconR	_ZN11QToolButtonC2EN2Qt9Arro

K7QStringS5_P7QObjectPKcP7QWidgetS9_ [QtGui]	wTypeEP7QWidgetPKc [QtGui]
_ZN11QToolButtonC2EP7QWidget [QtGui]	_ZN11QToolButtonC2EP7QWidgetPKc [QtGui]
_ZN11QToolButtonC2ERK5QIconRK7QStringS5_P7QObjectPKcP7QWidgetS9_ [QtGui]	_ZN11QToolButtonD0Ev [QtGui]
_ZN11QToolButtonD1Ev [QtGui]	_ZN11QToolButtonD2Ev [QtGui]
_ZN12QProgressBar10paintEventEP11QPaintEvent [QtGui]	_ZN12QProgressBar10setMaximumEi [QtGui]
_ZN12QProgressBar10setMinimumEi [QtGui]	_ZN12QProgressBar11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN12QProgressBar11qt_metacastEPKc [QtGui]	_ZN12QProgressBar12setAlignmentE6QFlagsIN2Qt13AlignmentFlagEE [QtGui]
_ZN12QProgressBar12valueChangedEi [QtGui]	_ZN12QProgressBar13textDirectionEv [QtGui]
_ZN12QProgressBar14setOrientationEN2Qt11OrientationE [QtGui]	_ZN12QProgressBar14setTextVisibleEb [QtGui]
_ZN12QProgressBar16setTextDirectionENS_9DirectionE [QtGui]	_ZN12QProgressBar18invertedAppearanceEv [QtGui]
_ZN12QProgressBar21setInvertedAppearanceEb [QtGui]	_ZN12QProgressBar5eventEP6QEvent [QtGui]
_ZN12QProgressBar5resetEv [QtGui]	_ZN12QProgressBar8setRangeEii [QtGui]
_ZN12QProgressBar8setValueEi [QtGui]	_ZN12QProgressBar9setFormatERK7QString [QtXml]
_ZN12QProgressBarC1EP7QWidget [QtGui]	_ZN12QProgressBarC2EP7QWidget [QtGui]
_ZN12QRadioButton10paintEventEP11QPaintEvent [QtGui]	_ZN12QRadioButton11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN12QRadioButton11qt_metacastEPKc [QtGui]	_ZN12QRadioButton14mouseMoveEventEP11QMouseEvent [QtGui]
_ZN12QRadioButton5eventEP6QEvent [QtGui]	_ZN12QRadioButtonC1EP7QWidget [QtGui]
_ZN12QRadioButtonC1EP7QWidgetPKc [QtGui]	_ZN12QRadioButtonC1ERK7QStringP7QWidget [QtGui]
_ZN12QRadioButtonC1ERK7QStringP7QWidgetPKc [QtGui]	_ZN12QRadioButtonC2EP7QWidget [QtGui]
_ZN12QRadioButtonC2EP7QWidgetPKc [QtGui]	_ZN12QRadioButtonC2ERK7QStringP7QWidget [QtGui]
_ZN12QRadioButtonC2ERK7QStringP7QWidgetPKc [QtGui]	_ZN12QTextBrowser10paintEventEP11QPaintEvent [QtGui]
_ZN12QTextBrowser11highlightedERK4QUrl [QtGui]	_ZN12QTextBrowser11highlightedERK7QString [QtGui]
_ZN12QTextBrowser11qt_metacallE	_ZN12QTextBrowser11qt_metacastE

N11QMetaObject4CallEiPPv [QtGui]	PKc [QtGui]
_ZN12QTextBrowser12clearHistory Ev [QtXml]	_ZN12QTextBrowser12loadResource EiRK4QUrl [QtGui]
_ZN12QTextBrowser13anchorClicke dERK4QUrl [QtGui]	_ZN12QTextBrowser13focusOutEve ntEP11QFocusEvent [QtGui]
_ZN12QTextBrowser13keyPressEve ntEP9QKeyEvent [QtGui]	_ZN12QTextBrowser13sourceChang edERK4QUrl [QtGui]
_ZN12QTextBrowser14mouseMove EventEP11QMouseEvent [QtGui]	_ZN12QTextBrowser14setSearchPat hsERK11QStringList [QtGui]
_ZN12QTextBrowser15mousePressE ventEP11QMouseEvent [QtGui]	_ZN12QTextBrowser16forwardAvail ableEb [QtGui]
_ZN12QTextBrowser17backwardAv ailableEb [QtGui]	_ZN12QTextBrowser17mouseReleas eEventEP11QMouseEvent [QtGui]
_ZN12QTextBrowser18focusNextPre vChildEb [QtGui]	_ZN12QTextBrowser20setOpenExter nalLinksEb [QtXml]
_ZN12QTextBrowser4homeEv [QtGui]	_ZN12QTextBrowser5eventEP6QEv ent [QtGui]
_ZN12QTextBrowser6reloadEv [QtGui]	_ZN12QTextBrowser7forwardEv [QtGui]
_ZN12QTextBrowser8backwardEv [QtGui]	_ZN12QTextBrowser9setSourceERK 4QUrl [QtGui]
_ZN12QTextBrowserC1EP7QWidget [QtGui]	_ZN12QTextBrowserC1EP7QWidget PKc [QtGui]
_ZN12QTextBrowserC2EP7QWidget [QtGui]	_ZN12QTextBrowserC2EP7QWidget PKc [QtGui]
_ZN12QTextBrowserD0Ev [QtGui]	_ZN12QTextBrowserD1Ev [QtGui]
_ZN12QTextBrowserD2Ev [QtGui]	_ZN13QInputContext11filterEventE PK6QEvent [QtGui]
_ZN13QInputContext11qt_metacallE N11QMetaObject4CallEiPPv [QtGui]	_ZN13QInputContext11qt_metacast EPKc [QtGui]
_ZN13QInputContext12mouseHandl erEiP11QMouseEvent [QtGui]	_ZN13QInputContext14setFocusWid getEP7QWidget [QtGui]
_ZN13QInputContext14x11FilterEve ntEP7QWidgetP7_XEvent [QtGui]	_ZN13QInputContext15widgetDestr oyedEP7QWidget [QtGui]
_ZN13QInputContext6updateEv [QtGui]	_ZN13QInputContext7actionsEv [QtGui]
_ZN13QInputContext9sendEventER K17QInputMethodEvent [QtGui]	_ZN13QInputContextC1EP7QObject [QtGui]
_ZN13QInputContextC2EP7QObject [QtGui]	_ZN13QInputContextD0Ev [QtGui]
_ZN13QInputContextD1Ev [QtGui]	_ZN13QInputContextD2Ev [QtGui]
_ZN14QDesktopWidget11qt_metaca llEN11QMetaObject4CallEiPPv [QtGui]	_ZN14QDesktopWidget11qt_metaca stEPKc [QtGui]
_ZN14QDesktopWidget11resizeEve	_ZN14QDesktopWidget15workArea

ntEP12QResizeEvent [QtGui]	ResizedEi [QtGui]
_ZN14QDesktopWidget6screenEi [QtGui]	_ZN14QDesktopWidget7resizedEi [QtGui]
_ZN14QDesktopWidgetC1Ev [QtGui]	_ZN14QDesktopWidgetC2Ev [QtGui]
_ZN14QDesktopWidgetD0Ev [QtGui]	_ZN14QDesktopWidgetD1Ev [QtGui]
_ZN14QDesktopWidgetD2Ev [QtGui]	_ZN14QDoubleSpinBox10setMaximumEd [QtGui]
_ZN14QDoubleSpinBox10setMinimumEd [QtGui]	_ZN14QDoubleSpinBox11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN14QDoubleSpinBox11qt_metacastEPKc [QtGui]	_ZN14QDoubleSpinBox11setDecimalsEi [QtGui]
_ZN14QDoubleSpinBox12valueChangedERK7QString [QtGui]	_ZN14QDoubleSpinBox12valueChangedEd [QtGui]
_ZN14QDoubleSpinBox13setSingleStepEd [QtGui]	_ZN14QDoubleSpinBox8setRangeEdd [QtGui]
_ZN14QDoubleSpinBox8setValueEd [QtGui]	_ZN14QDoubleSpinBox9setPrefixERK7QString [QtGui]
_ZN14QDoubleSpinBox9setSuffixERK7QString [QtGui]	_ZN14QDoubleSpinBoxC1EP7QWidget [QtGui]
_ZN14QDoubleSpinBoxC2EP7QWidget [QtGui]	_ZN14QStackedWidget11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN14QStackedWidget11qt_metacastEPKc [QtGui]	_ZN14QStackedWidget12insertWidgetEiP7QWidget [QtGui]
_ZN14QStackedWidget12removeWidgetEP7QWidget [QtGui]	_ZN14QStackedWidget13widgetRemovedEi [QtGui]
_ZN14QStackedWidget14currentChangedEi [QtGui]	_ZN14QStackedWidget15setCurrentIndexEi [QtGui]
_ZN14QStackedWidget16setCurrentWidgetEP7QWidget [QtGui]	_ZN14QStackedWidget5eventEP6QEvent [QtGui]
_ZN14QStackedWidget9addWidgetEP7QWidget [QtGui]	_ZN14QStackedWidgetC1EP7QWidget [QtGui]
_ZN14QStackedWidgetC2EP7QWidget [QtGui]	_ZN14QStackedWidgetD0Ev [QtGui]
_ZN14QStackedWidgetD1Ev [QtGui]	_ZN14QStackedWidgetD2Ev [QtGui]
_ZN15QCalendarWidget11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]	_ZN15QCalendarWidget11qt_metacastEPKc [QtXml]
_ZN15QCalendarWidget11resizeEventEP12QResizeEvent [QtXml]	_ZN15QCalendarWidget12setDateRangeERK5QDateS2_ [QtXml]
_ZN15QCalendarWidget12showNextYearEv [QtXml]	_ZN15QCalendarWidget13keyPressEventEP9QKeyEvent [QtXml]

_ZN15QCalendarWidget13showNextMonthEv [QtXml]	_ZN15QCalendarWidget14setCurrentPageEii [QtXml]
_ZN15QCalendarWidget14setGridVisibleEb [QtXml]	_ZN15QCalendarWidget14setMaximumDateERK5QDate [QtXml]
_ZN15QCalendarWidget14setMinimumDateERK5QDate [QtXml]	_ZN15QCalendarWidget15mousePressEventEP11QMouseEvent [QtXml]
_ZN15QCalendarWidget15setSelectedDateERK5QDate [QtXml]	_ZN15QCalendarWidget16selectionChangedEv [QtXml]
_ZN15QCalendarWidget16setHeaderVisibleEb [QtXml]	_ZN15QCalendarWidget16setSelectionModeENS_13SelectionModeE [QtXml]
_ZN15QCalendarWidget16showPreviousYearEv [QtXml]	_ZN15QCalendarWidget16showSelectedDateEv [QtXml]
_ZN15QCalendarWidget17setDateTextFormatERK5QDateRK15QTextCharFormat [QtXml]	_ZN15QCalendarWidget17setFirstDayOfWeekEN2Qt9DayOfWeekE [QtXml]
_ZN15QCalendarWidget17showPreviousMonthEv [QtXml]	_ZN15QCalendarWidget18currentPageChangedEii [QtXml]
_ZN15QCalendarWidget19setHeaderTextFormatERK15QTextCharFormat [QtXml]	_ZN15QCalendarWidget20setWeekdayTextFormatEN2Qt9DayOfWeekERK15QTextCharFormat [QtXml]
_ZN15QCalendarWidget23setVerticalHeaderFormatENS_20VerticalHeaderFormatE [QtXml]	_ZN15QCalendarWidget25setHorizontalHeaderFormatENS_22HorizontalHeaderFormatE [QtXml]
_ZN15QCalendarWidget5eventEP6QEvent [QtXml]	_ZN15QCalendarWidget7clickedERK5QDate [QtXml]
_ZN15QCalendarWidget9activatedERK5QDate [QtXml]	_ZN15QCalendarWidget9showTodayEv [QtXml]
_ZN15QCalendarWidgetC1EP7QWidget [QtXml]	_ZN15QCalendarWidgetC2EP7QWidget [QtXml]
_ZN15QCalendarWidgetD0Ev [QtXml]	_ZN15QCalendarWidgetD1Ev [QtXml]
_ZN15QCalendarWidgetD2Ev [QtXml]	_ZN15QListWidgetItem4readER11QDataStream [QtGui]
_ZN15QListWidgetItem7setDataEiRK8QVariant [QtGui]	_ZN15QListWidgetItem8setFlagsE6QFlagsIN2Qt8ItemFlagEE [QtXml]
_ZN15QListWidgetItemC1EP11QListWidgeti [QtGui]	_ZN15QListWidgetItemC1ERK5QIconRK7QStringP11QListWidgeti [QtGui]
_ZN15QListWidgetItemC1ERK7QStringP11QListWidgeti [QtGui]	_ZN15QListWidgetItemC1ERKS_ [QtGui]
_ZN15QListWidgetItemC2EP11QListWidgeti [QtGui]	_ZN15QListWidgetItemC2ERK5QIconRK7QStringP11QListWidgeti [QtGui]
_ZN15QListWidgetItemC2ERK7QStringP11QListWidgeti [QtGui]	_ZN15QListWidgetItemC2ERKS_ [QtGui]

© 2008 Linux Foundation

_ZN15QListWidgetItemD0Ev [QtGui]	_ZN15QListWidgetItemD1Ev [QtGui]
_ZN15QListWidgetItemD2Ev [QtGui]	_ZN15QListWidgetItemaSERKS_ [QtGui]
_ZN15QSystemTrayIcon10setToolTipERK7QString [QtXml]	_ZN15QSystemTrayIcon10setVisibleEb [QtXml]
_ZN15QSystemTrayIcon11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]	_ZN15QSystemTrayIcon11qt_metacastEPKc [QtXml]
_ZN15QSystemTrayIcon11showMessageERK7QStringS2_NS_11MessageIconEi [QtXml]	_ZN15QSystemTrayIcon14messageClickedEv [QtXml]
_ZN15QSystemTrayIcon14setContextMenuEP5QMenu [QtXml]	_ZN15QSystemTrayIcon16supportsMessagesEv [QtXml]
_ZN15QSystemTrayIcon21isSystemTrayAvailableEv [QtXml]	_ZN15QSystemTrayIcon5eventEP6QEvent [QtXml]
_ZN15QSystemTrayIcon7setIconERK5QIcon [QtXml]	_ZN15QSystemTrayIcon9activatedENS_16ActivationReasonE [QtXml]
_ZN15QSystemTrayIconC1EP7QObject [QtXml]	_ZN15QSystemTrayIconC1ERK5QIconP7QObject [QtXml]
_ZN15QSystemTrayIconC2EP7QObject [QtXml]	_ZN15QSystemTrayIconC2ERK5QIconP7QObject [QtXml]
_ZN15QSystemTrayIconD0Ev [QtXml]	_ZN15QSystemTrayIconD1Ev [QtXml]
_ZN15QSystemTrayIconD2Ev [QtXml]	_ZN16QDesktopServices13setUrlHandlerERK7QStringP7QObjectPKc [QtXml]
_ZN16QDesktopServices15unsetUrlHandlerERK7QString [QtXml]	_ZN16QDesktopServices7openUrlERK4QUrl [QtXml]
_ZN16QDialogButtonBox11changeEventEP6QEvent [QtXml]	_ZN16QDialogButtonBox11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN16QDialogButtonBox11qt_metacastEPKc [QtXml]	_ZN16QDialogButtonBox12removeButtonEP15QAbstractButton [QtXml]
_ZN16QDialogButtonBox13helpRequestedEv [QtXml]	_ZN16QDialogButtonBox14setOrientationEN2Qt11OrientationE [QtXml]
_ZN16QDialogButtonBox16setCenterButtonsEb [QtXml]	_ZN16QDialogButtonBox18setStandardButtonsE6QFlagsINS_14StandardButtonEE [QtXml]
_ZN16QDialogButtonBox5clearEv [QtXml]	_ZN16QDialogButtonBox5eventEP6QEvent [QtXml]
_ZN16QDialogButtonBox7clickedEP15QAbstractButton [QtXml]	_ZN16QDialogButtonBox8acceptedEv [QtXml]
_ZN16QDialogButtonBox8rejectedEv [QtXml]	_ZN16QDialogButtonBox9addButtonENS_14StandardButtonE [QtXml]
_ZN16QDialogButtonBox9addButto	_ZN16QDialogButtonBox9addButto

nEP15QAbstractButtonNS_10ButtonRoleE [QtXml]	nERK7QStringNS_10ButtonRoleE [QtXml]
_ZN16QDialogButtonBoxC1E6QFlagsINS_14StandardButtonEEN2Qt11OrientationEP7QWidget [QtXml]	_ZN16QDialogButtonBoxC1EN2Qt11OrientationEP7QWidget [QtXml]
_ZN16QDialogButtonBoxC1EP7QWidget [QtXml]	_ZN16QDialogButtonBoxC2E6QFlagsINS_14StandardButtonEEN2Qt11OrientationEP7QWidget [QtXml]
_ZN16QDialogButtonBoxC2EN2Qt11OrientationEP7QWidget [QtXml]	_ZN16QDialogButtonBoxC2EP7QWidget [QtXml]
_ZN16QDialogButtonBoxD0Ev [QtXml]	_ZN16QDialogButtonBoxD1Ev [QtXml]
_ZN16QDialogButtonBoxD2Ev [QtXml]	_ZN20QInputContextFactory11descriptionERK7QString [QtGui]
_ZN20QInputContextFactory11displayNameERK7QString [QtGui]	_ZN20QInputContextFactory4keysEv [QtGui]
_ZN20QInputContextFactory6createERK7QStringP7QObject [QtGui]	_ZN20QInputContextFactory9languagesERK7QString [QtGui]
_ZN5QDial10paintEventEP11QPaintEvent [QtGui]	_ZN5QDial11dialPressedEv [QtGui]
_ZN5QDial11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN5QDial11qt_metacastEPKc [QtGui]
_ZN5QDial11resizeEventEP12QResizeEvent [QtGui]	_ZN5QDial11setWrappingEb [QtGui]
_ZN5QDial12dialReleasedEv [QtGui]	_ZN5QDial12sliderChangeEN15QAbstractSlider12SliderChangeE [QtGui]
_ZN5QDial14mouseMoveEventEP11QMouseEvent [QtGui]	_ZN5QDial14setNotchTargetEd [QtGui]
_ZN5QDial15mousePressEventEP11QMouseEvent [QtGui]	_ZN5QDial17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN5QDial17setNotchesVisibleEb [QtGui]	_ZN5QDial5eventEP6QEvent [QtGui]
_ZN5QDial9dialMovedEi [QtGui]	_ZN5QDialC1EP7QWidget [QtGui]
_ZN5QDialC1EP7QWidgetPKc [QtGui]	_ZN5QDialC1EiiiiP7QWidgetPKc [QtGui]
_ZN5QDialC2EP7QWidget [QtGui]	_ZN5QDialC2EP7QWidgetPKc [QtGui]
_ZN5QDialC2EiiiiP7QWidgetPKc [QtGui]	_ZN5QDialD0Ev [QtGui]
_ZN5QDialD1Ev [QtGui]	_ZN5QDialD2Ev [QtGui]
_ZN6QFrame10paintEventEP11QPaintEvent [QtGui]	_ZN6QFrame11changeEventEP6QEvent [QtGui]
_ZN6QFrame11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN6QFrame11qt_metacastEPKc [QtGui]
_ZN6QFrame12setFrameRectERK5Q	_ZN6QFrame12setLineWidthEi

Rect [QtGui]	[QtGui]
_ZN6QFrame13setFrameShapeENS_5ShapeE [QtGui]	_ZN6QFrame13setFrameStyleEi [QtGui]
_ZN6QFrame14setFrameShadowENS_6ShadowE [QtGui]	_ZN6QFrame15setMidLineWidthEi [QtGui]
_ZN6QFrame5eventEP6QEvent [QtGui]	_ZN6QFrame9drawFrameEP8QPainter [QtGui]
_ZN6QFrameC1EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN6QFrameC1EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN6QFrameC2EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN6QFrameC2EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN6QFrameD0Ev [QtGui]	_ZN6QFrameD1Ev [QtGui]
_ZN6QFrameD2Ev [QtGui]	_ZN6QLabel10paintEventEP11QPaintEvent [QtGui]
_ZN6QLabel10setPictureERK8QPicture [QtGui]	_ZN6QLabel11changeEventEP6QEvent [QtGui]
_ZN6QLabel11linkHoveredERK7QString [QtXml]	_ZN6QLabel11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN6QLabel11qt_metacastEPKc [QtGui]	_ZN6QLabel11setWordWrapEb [QtGui]
_ZN6QLabel12focusInEventEP11QFocusEvent [QtXml]	_ZN6QLabel12setAlignmentE6QFlagsIN2Qt13AlignmentFlagEE [QtGui]
_ZN6QLabel12setAlignmentEi [QtGui]	_ZN6QLabel13focusOutEventEP11QFocusEvent [QtXml]
_ZN6QLabel13keyPressEventEP9QKeyEvent [QtXml]	_ZN6QLabel13linkActivatedERK7QString [QtXml]
_ZN6QLabel13setTextFormatEN2Qt10TextFormatE [QtGui]	_ZN6QLabel14mouseMoveEventEP11QMouseEvent [QtXml]
_ZN6QLabel15mousePressEventEP11QMouseEvent [QtXml]	_ZN6QLabel16contextMenuEventEP17QContextMenuEvent [QtXml]
_ZN6QLabel17mouseReleaseEventEP11QMouseEvent [QtXml]	_ZN6QLabel17setScaledContentsEb [QtGui]
_ZN6QLabel18focusNextPrevChildEb [QtXml]	_ZN6QLabel20setOpenExternalLinksEb [QtXml]
_ZN6QLabel23setTextInteractionFlagsE6QFlagsIN2Qt19TextInteractionFlagEE [QtXml]	_ZN6QLabel5clearEv [QtGui]
_ZN6QLabel5eventEP6QEvent [QtGui]	_ZN6QLabel6setNumEd [QtGui]
_ZN6QLabel6setNumEi [QtGui]	_ZN6QLabel7setTextERK7QString [QtGui]
_ZN6QLabel8setBuddyEP7QWidget [QtGui]	_ZN6QLabel8setMovieEP6QMovie [QtGui]
_ZN6QLabel9setIndentEi [QtGui]	_ZN6QLabel9setMarginEi [QtGui]

_ZN6QLabel9setPixmapERK7QPixmap [QtGui]	_ZN6QLabelC1EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN6QLabelC1EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN6QLabelC1EP7QWidgetRK7QStringS1_PKc6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN6QLabelC1ERK7QStringP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN6QLabelC1ERK7QStringP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN6QLabelC2EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN6QLabelC2EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN6QLabelC2EP7QWidgetRK7QStringS1_PKc6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN6QLabelC2ERK7QStringP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN6QLabelC2ERK7QStringP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN6QLabelD0Ev [QtGui]
_ZN6QLabelD1Ev [QtGui]	_ZN6QLabelD2Ev [QtGui]
_ZN7QSlider10paintEventEP11QPaintEvent [QtGui]	_ZN7QSlider11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN7QSlider11qt_metacastEPKc [QtGui]	_ZN7QSlider14mouseMoveEventEP11QMouseEvent [QtGui]
_ZN7QSlider15mousePressEventEP11QMouseEvent [QtGui]	_ZN7QSlider15setTickIntervalEi [QtGui]
_ZN7QSlider15setTickPositionENS_12TickPositionE [QtGui]	_ZN7QSlider17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN7QSlider5eventEP6QEvent [QtGui]	_ZN7QSliderC1EN2Qt11OrientationEP7QWidget [QtGui]
_ZN7QSliderC1EN2Qt11OrientationEP7QWidgetPKc [QtGui]	_ZN7QSliderC1EP7QWidget [QtGui]
_ZN7QSliderC1EP7QWidgetPKc [QtGui]	_ZN7QSliderC1EiiiiN2Qt11OrientationEP7QWidgetPKc [QtGui]
_ZN7QSliderC2EN2Qt11OrientationEP7QWidget [QtGui]	_ZN7QSliderC2EN2Qt11OrientationEP7QWidgetPKc [QtGui]
_ZN7QSliderC2EP7QWidget [QtGui]	_ZN7QSliderC2EP7QWidgetPKc [QtGui]
_ZN7QSliderC2EiiiiN2Qt11OrientationEP7QWidgetPKc [QtGui]	_ZN7QSliderD0Ev [QtGui]
_ZN7QSliderD1Ev [QtGui]	_ZN7QSliderD2Ev [QtGui]
_ZN7QTabBar10paintEventEP11QPaintEvent [QtGui]	_ZN7QTabBar10setTabDataEiRK8QVariant [QtGui]
_ZN7QTabBar10setTabIconEiRK5QIcon [QtGui]	_ZN7QTabBar10setTabTextEiRK7QString [QtGui]
_ZN7QTabBar10tabRemovedEi [QtGui]	_ZN7QTabBar11changeEventEP6QEvent [QtGui]
_ZN7QTabBar11qt_metacallEN11Q	_ZN7QTabBar11qt_metacastEPKc

MetaObject4CallEiPPv [QtGui]	[QtGui]
_ZN7QTabBar11resizeEventEP12QResizeEvent [QtGui]	_ZN7QTabBar11setDrawBaseEb [QtGui]
_ZN7QTabBar11setIconSizeERK5QSize [QtGui]	_ZN7QTabBar11tabInsertedEi [QtGui]
_ZN7QTabBar12setElideModeEN2Qt13TextElideModeE [QtXml]	_ZN7QTabBar13keyPressEventEP9QKeyEvent [QtGui]
_ZN7QTabBar13setTabEnabledEib [QtGui]	_ZN7QTabBar13setTabToolTipEiRK7QString [QtGui]
_ZN7QTabBar14currentChangedEi [QtGui]	_ZN7QTabBar14mouseMoveEventEP11QMouseEvent [QtGui]
_ZN7QTabBar15mousePressEventEP11QMouseEvent [QtGui]	_ZN7QTabBar15setCurrentIndexEi [QtGui]
_ZN7QTabBar15setTabTextColorEiRK6QColor [QtGui]	_ZN7QTabBar15setTabWhatsThisEiRK7QString [QtGui]
_ZN7QTabBar15tabLayoutChangeEv [QtGui]	_ZN7QTabBar17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN7QTabBar20setUsesScrollButtonsEb [QtXml]	_ZN7QTabBar5eventEP6QEvent [QtGui]
_ZN7QTabBar6addTabERK5QIconRK7QString [QtGui]	_ZN7QTabBar6addTabERK7QString [QtGui]
_ZN7QTabBar8selectedEi [QtGui]	_ZN7QTabBar8setShapeENS_5ShapeE [QtGui]
_ZN7QTabBar9insertTabEiRK5QIconRK7QString [QtGui]	_ZN7QTabBar9insertTabEiRK7QString [QtGui]
_ZN7QTabBar9removeTabEi [QtGui]	_ZN7QTabBar9showEventEP10QShowEvent [QtGui]
_ZN7QTabBarC1EP7QWidget [QtGui]	_ZN7QTabBarC2EP7QWidget [QtGui]
_ZN7QTabBarD0Ev [QtGui]	_ZN7QTabBarD1Ev [QtGui]
_ZN7QTabBarD2Ev [QtGui]	_ZN7QWidget10addActionsE5QListIP7QActionE [QtGui]
_ZN7QWidget10adjustSizeEv [QtGui]	_ZN7QWidget10clearFocusEv [QtGui]
_ZN7QWidget10closeEventEP11QCloseEvent [QtGui]	_ZN7QWidget10enterEventEP6QEvent [QtGui]
_ZN7QWidget10fontChangeERK5QFont [QtGui]	_ZN7QWidget10leaveEventEP6QEvent [QtGui]
_ZN7QWidget10paintEventEP11QPaintEvent [QtGui]	_ZN7QWidget10setEnabledEb [QtGui]
_ZN7QWidget10setPaletteERK8QPalette [QtGui]	_ZN7QWidget10setToolTipERK7QString [QtGui]
_ZN7QWidget10setVisibleEb [QtGui]	_ZN7QWidget10showNormalEv [QtGui]
ZN7QWidget10stackUnderEPS	_ZN7QWidget10wheelEventEP11Q

[QtGui]	WheelEvent [QtGui]
_ZN7QWidget11actionEventEP12QActionEvent [QtGui]	_ZN7QWidget11changeEventEP6QEvent [QtGui]
_ZN7QWidget11createWinIdEv [QtXml]	_ZN7QWidget11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN7QWidget11qt_metacastEPKc [QtGui]	_ZN7QWidget11resizeEventEP12QResizeEvent [QtGui]
_ZN7QWidget11setBaseSizeEii [QtGui]	_ZN7QWidget11setDisabledEb [QtGui]
_ZN7QWidget11setGeometryERK5QRect [QtGui]	_ZN7QWidget11setTabOrderEPS_S0_ [QtGui]
_ZN7QWidget11styleChangeER6QStyle [QtGui]	_ZN7QWidget11tabletEventEP12QTabletEvent [QtGui]
_ZN7QWidget11unsetCursorEv [QtGui]	_ZN7QWidget12focusInEventEP11QFocusEvent [QtGui]
_ZN7QWidget12grabKeyboardEv [QtGui]	_ZN7QWidget12grabShortcutERK12QKeySequenceN2Qt15ShortcutContextE [QtGui]
_ZN7QWidget12inputContextEv [QtGui]	_ZN7QWidget12insertActionEP7QActionS1_ [QtGui]
_ZN7QWidget12mouseGrabberEv [QtGui]	_ZN7QWidget12releaseMouseEv [QtGui]
_ZN7QWidget12removeActionEP7QAction [QtGui]	_ZN7QWidget12setAttributeEN2Qt15WidgetAttributeEb [QtGui]
_ZN7QWidget12setFixedSizeERK5QSize [QtGui]	_ZN7QWidget12setFixedSizeEii [QtGui]
_ZN7QWidget12setStatusTipERK7QString [QtGui]	_ZN7QWidget12setWhatsThisERK7QString [QtGui]
_ZN7QWidget13dragMoveEventEP14QDragMoveEvent [QtGui]	_ZN7QWidget13enabledChangeEb [QtGui]
_ZN7QWidget13focusOutEventEP11QFocusEvent [QtGui]	_ZN7QWidget13insertActionsEP7QAction5QListIS1_E [QtGui]
_ZN7QWidget13keyPressEventEP9QKeyEvent [QtGui]	_ZN7QWidget13paletteChangeERK8QPalette [QtGui]
_ZN7QWidget13setFixedWidthEi [QtGui]	_ZN7QWidget13setFocusProxyEPS_ [QtGui]
_ZN7QWidget13setSizePolicyE11QSizePolicy [QtGui]	_ZN7QWidget13setStyleSheetERK7QString [QtXml]
_ZN7QWidget13setWindowIconERK5QIcon [QtGui]	_ZN7QWidget13setWindowRoleERK7QString [QtGui]
_ZN7QWidget13showMaximizedEv [QtGui]	_ZN7QWidget13showMinimizedEv [QtGui]
_ZN7QWidget14activateWindowEv [QtGui]	_ZN7QWidget14dragEnterEventEP15QDragEnterEvent [QtGui]
_ZN7QWidget14dragLeaveEventEP15QDragLeaveEvent [QtGui]	_ZN7QWidget14languageChangeEv [QtGui]

_ZN7QWidget14mouseMoveEventEP11QMouseEvent [QtGui]	_ZN7QWidget14setAcceptDropsEb [QtGui]
_ZN7QWidget14setFixedHeightEi [QtGui]	_ZN7QWidget14setFocusPolicyEN2Qt11FocusPolicyE [QtGui]
_ZN7QWidget14setMaximumSizeEii [QtGui]	_ZN7QWidget14setMinimumSizeEii [QtGui]
_ZN7QWidget14setWindowFlagsE6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN7QWidget14setWindowStateE6QFlagsIN2Qt11WindowStateEE [QtGui]
_ZN7QWidget14setWindowTitleERK7QString [QtGui]	_ZN7QWidget14showFullScreenEv [QtGui]
_ZN7QWidget14updateGeometryEv [QtGui]	_ZN7QWidget15keyReleaseEventEP9QKeyEvent [QtGui]
_ZN7QWidget15keyboardGrabberEv [QtGui]	_ZN7QWidget15mousePressEventEP11QMouseEvent [QtGui]
_ZN7QWidget15releaseKeyboardEv [QtGui]	_ZN7QWidget15releaseShortcutEi [QtGui]
_ZN7QWidget15restoreGeometryERK10QByteArray [QtXml]	_ZN7QWidget15setInputContextEP13QInputContext [QtGui]
_ZN7QWidget15setMaximumWidthEi [QtGui]	_ZN7QWidget15setMinimumWidthEi [QtGui]
_ZN7QWidget16contextMenuEventEP17QContextMenuEvent [QtGui]	_ZN7QWidget16inputMethodEventEP17QInputMethodEvent [QtGui]
_ZN7QWidget16setMaximumHeightEi [QtGui]	_ZN7QWidget16setMinimumHeightEi [QtGui]
_ZN7QWidget16setSizeIncrementEii [QtGui]	_ZN7QWidget16setWindowOpacityEd [QtGui]
_ZN7QWidget16setWindowSurfaceEP14QWindowSurface [QtXml]	_ZN7QWidget16updateMicroFocusEv [QtGui]
_ZN7QWidget17mouseReleaseEventEP11QMouseEvent [QtGui]	_ZN7QWidget17resetInputContextEv [QtGui]
_ZN7QWidget17setAccessibleNameERK7QString [QtGui]	_ZN7QWidget17setBackgroundModeEN2Qt14BackgroundModeES1_ [QtGui]
_ZN7QWidget17setBackgroundRoleEN8QPalette9ColorRoleE [QtGui]	_ZN7QWidget17setForegroundRoleEN8QPalette9ColorRoleE [QtGui]
_ZN7QWidget17setUpdatesEnabledEb [QtGui]	_ZN7QWidget17setWindowIconTextERK7QString [QtGui]
_ZN7QWidget17setWindowModalityEN2Qt14WindowModalityE [QtGui]	_ZN7QWidget17setWindowModifiedEb [QtGui]
_ZN7QWidget18focusNextPrevChildEb [QtGui]	_ZN7QWidget18setContentsMarginsEiiii [QtGui]
_ZN7QWidget18setLayoutDirectionEN2Qt15LayoutDirectionE [QtGui]	_ZN7QWidget18setShortcutEnabledEib [QtGui]
_ZN7QWidget19overrideWindowFl	_ZN7QWidget19overrideWindowSt

agsE6QFlagsIN2Qt10WindowTypeEE [QtGui]	ateE6QFlagsIN2Qt11WindowStateEE [QtGui]
_ZN7QWidget20setContextMenuPolicyEN2Qt17ContextMenuPolicyE [QtGui]	_ZN7QWidget20unsetLayoutDirectionEv [QtGui]
_ZN7QWidget21mouseDoubleClickEventEP11QMouseEvent [QtGui]	_ZN7QWidget21setAutoFillBackgroundEb [QtGui]
_ZN7QWidget21setShortcutAutoRepeatEib [QtXml]	_ZN7QWidget22windowActivationChangeEb [QtGui]
_ZN7QWidget24setAccessibleDescriptionERK7QString [QtGui]	_ZN7QWidget26customContextMenuRequestedERK6QPoint [QtGui]
_ZN7QWidget4findEm [QtGui]	_ZN7QWidget4moveERK6QPoint [QtGui]
_ZN7QWidget5closeEb [QtGui]	_ZN7QWidget5closeEv [QtGui]
_ZN7QWidget5eraseERK7QRegion [QtGui]	_ZN7QWidget5eventEP6QEvent [QtGui]
_ZN7QWidget5lowerEv [QtGui]	_ZN7QWidget5raiseEv [QtGui]
_ZN7QWidget6createEmbb [QtGui]	_ZN7QWidget6resizeERK5QSize [QtGui]
_ZN7QWidget6scrollEii [QtGui]	_ZN7QWidget6scrollEiiRK5QRect [QtGui]
_ZN7QWidget6updateERK5QRect [QtGui]	_ZN7QWidget6updateERK7QRegion [QtGui]
_ZN7QWidget6updateEv [QtGui]	_ZN7QWidget7destroyEbb [QtGui]
_ZN7QWidget7repaintERK5QRect [QtGui]	_ZN7QWidget7repaintERK7QRegion [QtGui]
_ZN7QWidget7repaintEiiii [QtGui]	_ZN7QWidget7repaintEv [QtGui]
_ZN7QWidget7setFontERK5QFont [QtGui]	_ZN7QWidget7setIconERK7QPixmap [QtGui]
_ZN7QWidget7setMaskERK7QBitmap [QtGui]	_ZN7QWidget7setMaskERK7QRegion [QtGui]
_ZN7QWidget7wmapperEv [QtGui]	_ZN7QWidget8setFocusEN2Qt11FocusReasonE [QtGui]
_ZN7QWidget8setStyleEP6QStyle [QtGui]	_ZN7QWidget8setStyleERK7QString [QtGui]
_ZN7QWidget8x11EventEP7_XEvent [QtGui]	_ZN7QWidget9addActionEP7QAction [QtGui]
_ZN7QWidget9clearMaskEv [QtGui]	_ZN7QWidget9dropEventEP10QDropEvent [QtGui]
_ZN7QWidget9grabMouseERK7QCursor [QtGui]	_ZN7QWidget9grabMouseEv [QtGui]
_ZN7QWidget9hideEventEP10QHideEvent [QtGui]	_ZN7QWidget9moveEventEP10QMoveEvent [QtGui]
_ZN7QWidget9setCursorERK7QCursor [QtGui]	_ZN7QWidget9setLayoutEP7QLayout [QtGui]

© 2008 Linux Foundation

ZN7QWidget9setParentEPS [QtGui]	_ZN7QWidget9setParentEPS_6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN7QWidget9showEventEP10QShowEvent [QtGui]	_ZN7QWidgetC1EPS_6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN7QWidgetC1EPS_PKc6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN7QWidgetC2EPS_6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN7QWidgetC2EPS_PKc6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN7QWidgetD0Ev [QtGui]
_ZN7QWidgetD1Ev [QtGui]	_ZN7QWidgetD2Ev [QtGui]
_ZN8QSpinBox10setMaximumEi [QtGui]	_ZN8QSpinBox10setMinimumEi [QtGui]
_ZN8QSpinBox11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN8QSpinBox11qt_metacastEPKc [QtGui]
_ZN8QSpinBox12valueChangedERK7QString [QtGui]	_ZN8QSpinBox12valueChangedEi [QtGui]
_ZN8QSpinBox13setSingleStepEi [QtGui]	_ZN8QSpinBox5eventEP6QEvent [QtGui]
_ZN8QSpinBox8setRangeEii [QtGui]	_ZN8QSpinBox8setValueEi [QtGui]
_ZN8QSpinBox9setPrefixERK7QString [QtGui]	_ZN8QSpinBox9setSuffixERK7QString [QtGui]
_ZN8QSpinBoxC1EP7QWidget [QtGui]	_ZN8QSpinBoxC1EP7QWidgetPKc [QtGui]
_ZN8QSpinBoxC1EiiiP7QWidgetPKc [QtGui]	_ZN8QSpinBoxC2EP7QWidget [QtGui]
_ZN8QSpinBoxC2EP7QWidgetPKc [QtGui]	_ZN8QSpinBoxC2EiiiP7QWidgetPKc [QtGui]
_ZN8QToolBox10insertItemEiP7QWidgetRK5QIconRK7QString [QtGui]	_ZN8QToolBox10removeItemEi [QtGui]
_ZN8QToolBox11changeEventEP6QEvent [QtGui]	_ZN8QToolBox11itemRemovedEi [QtGui]
_ZN8QToolBox11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN8QToolBox11qt_metacastEPKc [QtGui]
_ZN8QToolBox11setItemIconEiRK5QIcon [QtGui]	_ZN8QToolBox11setItemTextEiRK7QString [QtGui]
_ZN8QToolBox12itemInsertedEi [QtGui]	_ZN8QToolBox14currentChangedEi [QtGui]
_ZN8QToolBox14setItemEnabledEib [QtGui]	_ZN8QToolBox14setItemToolTipEiRK7QString [QtGui]
_ZN8QToolBox15setCurrentIndexEi [QtGui]	_ZN8QToolBox16setCurrentWidgetEP7QWidget [QtGui]
_ZN8QToolBox5eventEP6QEvent [QtGui]	_ZN8QToolBox9showEventEP10QShowEvent [QtGui]
_ZN8QToolBoxC1EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN8QToolBoxC1EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]

_ZN8QToolBoxC2EP7QWidget6QFlagsIN2Qt10WindowTypeEE [QtGui]	_ZN8QToolBoxC2EP7QWidgetPKc6QFlagsIN2Qt10WindowTypeEE [QtGui]
_ZN8QToolBoxD0Ev [QtGui]	_ZN8QToolBoxD1Ev [QtGui]
_ZN8QToolBoxD2Ev [QtGui]	_ZN8QToolTip10setPaletteERK8QPalette [QtXml]
_ZN8QToolTip4fontEv [QtXml]	_ZN8QToolTip7paletteEv [QtGui]
_ZN8QToolTip7setFontERK5QFont [QtXml]	_ZN8QToolTip8showTextERK6QPointRK7QStringP7QWidget [QtGui]
_ZN8QToolTip8showTextERK6QPointRK7QStringP7QWidgetRK5QRect [QtXml]	_ZN9QCheckBox10paintEventEP11QPaintEvent [QtGui]
_ZN9QCheckBox11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]	_ZN9QCheckBox11qt_metacastEPKc [QtGui]
_ZN9QCheckBox11setTristateEb [QtGui]	_ZN9QCheckBox12stateChangedEi [QtGui]
_ZN9QCheckBox13checkStateSetEv [QtGui]	_ZN9QCheckBox13setCheckStateEN2Qt10CheckStateE [QtGui]
_ZN9QCheckBox14mouseMoveEventEP11QMouseEvent [QtGui]	_ZN9QCheckBox14nextCheckStateEv [QtGui]
_ZN9QCheckBox5eventEP6QEvent [QtGui]	_ZN9QCheckBoxC1EP7QWidget [QtGui]
_ZN9QCheckBoxC1EP7QWidgetPKc [QtGui]	_ZN9QCheckBoxC1ERK7QStringP7QWidget [QtGui]
_ZN9QCheckBoxC1ERK7QStringP7QWidgetPKc [QtGui]	_ZN9QCheckBoxC2EP7QWidget [QtGui]
_ZN9QCheckBoxC2EP7QWidgetPKc [QtGui]	_ZN9QCheckBoxC2ERK7QStringP7QWidget [QtGui]
_ZN9QCheckBoxC2ERK7QStringP7QWidgetPKc [QtGui]	_ZN9QComboBox10insertItemEiRK5QIconRK7QStringRK8QVariant [QtGui]
_ZN9QComboBox10paintEventEP11QPaintEvent [QtGui]	_ZN9QComboBox10removeItemEi [QtGui]
_ZN9QComboBox10wheelEventEP11QWheelEvent [QtGui]	_ZN9QComboBox11changeEventEP6QEvent [QtGui]
_ZN9QComboBox11highlightedERK7QString [QtGui]	_ZN9QComboBox11highlightedEi [QtGui]
_ZN9QComboBox11insertItemsEiRK11QStringList [QtGui]	_ZN9QComboBox11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN9QComboBox11qt_metacastEPKc [QtGui]	_ZN9QComboBox11resizeEventEP12QResizeEvent [QtGui]
_ZN9QComboBox11setEditTextERK7QString [QtGui]	_ZN9QComboBox11setEditableEb [QtGui]
_ZN9QComboBox11setIconSizeERK5QSize [QtGui]	_ZN9QComboBox11setItemDataEiRK8QVarianti [QtGui]
_ZN9QComboBox11setItemIconEiR	_ZN9QComboBox11setItemTextEiR

K5QIcon [QtGui]	K7QString [QtGui]
_ZN9QComboBox11setLineEditEP9QLineEdit [QtGui]	_ZN9QComboBox11setMaxCountEi [QtGui]
_ZN9QComboBox11textChangedERK7QString [QtGui]	_ZN9QComboBox12focusInEventEP11QFocusEvent [QtGui]
_ZN9QComboBox12setCompleterEP10QCompleter [QtXml]	_ZN9QComboBox12setValidatorEPK10QValidator [QtGui]
_ZN9QComboBox13clearEditTextEv [QtGui]	_ZN9QComboBox13focusOutEventEP11QFocusEvent [QtGui]
_ZN9QComboBox13keyPressEventEP9QKeyEvent [QtGui]	_ZN9QComboBox14setModelColumnEi [QtGui]
_ZN9QComboBox15editTextChangedERK7QString [QtGui]	_ZN9QComboBox15keyReleaseEventEP9QKeyEvent [QtGui]
_ZN9QComboBox15mousePressEventEP11QMouseEvent [QtGui]	_ZN9QComboBox15setCurrentIndexEi [QtGui]
_ZN9QComboBox15setInsertPolicyENS_12InsertPolicyE [QtGui]	_ZN9QComboBox15setItemDelegateEP21QAbstractItemDelegate [QtGui]
_ZN9QComboBox16contextMenuEventEP17QContextMenuEvent [QtGui]	_ZN9QComboBox16inputMethodEventEP17QInputMethodEvent [QtGui]
_ZN9QComboBox17mouseReleaseEventEP11QMouseEvent [QtGui]	_ZN9QComboBox17setAutoCompletionEb [QtGui]
_ZN9QComboBox17setRootModelIndexERK11QModelIndex [QtGui]	_ZN9QComboBox18setMaxVisibleItemsEi [QtGui]
_ZN9QComboBox19currentIndexChangedERK7QString [QtGui]	_ZN9QComboBox19currentIndexChangedEi [QtGui]
_ZN9QComboBox19setSizeAdjustPolicyENS_16SizeAdjustPolicyE [QtGui]	_ZN9QComboBox20setDuplicatesEnabledEb [QtGui]
_ZN9QComboBox24setMinimumContentsLengthEi [QtGui]	_ZN9QComboBox32setAutoCompletionCaseSensitivityEN2Qt15CaseSensitivityE [QtGui]
_ZN9QComboBox5clearEv [QtGui]	_ZN9QComboBox5eventEP6QEvent [QtGui]
_ZN9QComboBox7setViewEP17QAbstractItemView [QtGui]	_ZN9QComboBox8setFrameEb [QtGui]
_ZN9QComboBox8setModelEP18QAbstractItemModel [QtGui]	_ZN9QComboBox9activatedERK7QString [QtGui]
_ZN9QComboBox9activatedEi [QtGui]	_ZN9QComboBox9hideEventEP10QHideEvent [QtGui]
_ZN9QComboBox9hidePopupEv [QtGui]	_ZN9QComboBox9showEventEP10QShowEvent [QtGui]
_ZN9QComboBox9showPopupEv [QtGui]	_ZN9QComboBoxC1EP7QWidget [QtGui]
_ZN9QComboBoxC1EP7QWidgetPKc [QtGui]	_ZN9QComboBoxC1EbP7QWidgetPKc [QtGui]

_ZN9QComboBoxC2EP7QWidget [QtGui]	_ZN9QComboBoxC2EP7QWidgetPKc [QtGui]
_ZN9QComboBoxC2EbP7QWidgetPKc [QtGui]	_ZN9QComboBoxD0Ev [QtGui]
_ZN9QComboBoxD1Ev [QtGui]	_ZN9QComboBoxD2Ev [QtGui]
_ZN9QLineEdit10paintEventEP11QPaintEvent [QtGui]	_ZN9QLineEdit10textEditedERK7QString [QtGui]
_ZN9QLineEdit11changeEventEP6QEvent [QtGui]	_ZN9QLineEdit11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN9QLineEdit11qt_metacastEPKc [QtGui]	_ZN9QLineEdit11setEchoModeENS_8EchoModeE [QtGui]
_ZN9QLineEdit11setModifiedEb [QtGui]	_ZN9QLineEdit11setReadOnlyEb [QtGui]
_ZN9QLineEdit11textChangedERK7QString [QtGui]	_ZN9QLineEdit12focusInEventEP11QFocusEvent [QtGui]
ZN9QLineEdit12getSelectionEPiS0 [QtGui]	_ZN9QLineEdit12setAlignmentE6QFlagsIN2Qt13AlignmentFlagEE [QtGui]
_ZN9QLineEdit12setCompleterEP10QCompleter [QtXml]	_ZN9QLineEdit12setInputMaskERK7QString [QtGui]
_ZN9QLineEdit12setMaxLengthEi [QtGui]	_ZN9QLineEdit12setSelectionEii [QtGui]
_ZN9QLineEdit12setValidatorEPK10QValidator [QtGui]	_ZN9QLineEdit13cursorForwardEbi [QtGui]
_ZN9QLineEdit13dragMoveEventEP14QDragMoveEvent [QtGui]	_ZN9QLineEdit13focusOutEventEP11QFocusEvent [QtGui]
_ZN9QLineEdit13keyPressEventEP9QKeyEvent [QtGui]	_ZN9QLineEdit13returnPressedEv [QtGui]
_ZN9QLineEdit14cursorBackwardEbi [QtGui]	_ZN9QLineEdit14dragEnterEventEP15QDragEnterEvent [QtGui]
_ZN9QLineEdit14dragLeaveEventEP15QDragLeaveEvent [QtGui]	_ZN9QLineEdit14mouseMoveEventEP11QMouseEvent [QtGui]
_ZN9QLineEdit14setDragEnabledEb [QtGui]	_ZN9QLineEdit14validateAndSetERK7QStringiii [QtGui]
_ZN9QLineEdit15editingFinishedEv [QtGui]	_ZN9QLineEdit15mousePressEventEP11QMouseEvent [QtGui]
_ZN9QLineEdit16contextMenuEventEP17QContextMenuEvent [QtGui]	_ZN9QLineEdit16cursorPositionAtERK6QPoint [QtGui]
_ZN9QLineEdit16inputMethodEventEP17QInputMethodEvent [QtGui]	_ZN9QLineEdit16selectionChangedEv [QtGui]
_ZN9QLineEdit17cursorWordForwardEb [QtGui]	_ZN9QLineEdit17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN9QLineEdit17setCursorPositionEi [QtGui]	_ZN9QLineEdit18cursorWordBackwardEb [QtGui]
_ZN9QLineEdit21cursorPositionChangedEii [QtGui]	_ZN9QLineEdit21mouseDoubleClickEventEP11QMouseEvent [QtGui]

_ZN9QLineEdit25createStandardContextMenuEv [QtGui]	_ZN9QLineEdit3cutEv [QtGui]
_ZN9QLineEdit3delEv [QtGui]	_ZN9QLineEdit3endEb [QtGui]
_ZN9QLineEdit4homeEb [QtGui]	_ZN9QLineEdit4redoEv [QtGui]
_ZN9QLineEdit4undoEv [QtGui]	_ZN9QLineEdit5clearEv [QtGui]
_ZN9QLineEdit5eventEP6QEvent [QtGui]	_ZN9QLineEdit5pasteEv [QtGui]
_ZN9QLineEdit6insertERK7QString [QtGui]	_ZN9QLineEdit7setTextERK7QString [QtGui]
_ZN9QLineEdit8deselectEv [QtGui]	_ZN9QLineEdit8setFrameEb [QtGui]
_ZN9QLineEdit9backspaceEv [QtGui]	_ZN9QLineEdit9dropEventEP10QDropEvent [QtGui]
_ZN9QLineEdit9lostFocusEv [QtGui]	_ZN9QLineEdit9selectAllEv [QtGui]
_ZN9QLineEdit9setEditedEb [QtGui]	_ZN9QLineEditC1EP7QWidget [QtGui]
_ZN9QLineEditC1EP7QWidgetPKc [QtGui]	_ZN9QLineEditC1ERK7QStringP7QWidget [QtGui]
_ZN9QLineEditC1ERK7QStringP7QWidgetPKc [QtGui]	_ZN9QLineEditC1ERK7QStringS2_P7QWidgetPKc [QtGui]
_ZN9QLineEditC2EP7QWidget [QtGui]	_ZN9QLineEditC2EP7QWidgetPKc [QtGui]
_ZN9QLineEditC2ERK7QStringP7QWidget [QtGui]	_ZN9QLineEditC2ERK7QStringP7QWidgetPKc [QtGui]
_ZN9QLineEditC2ERK7QStringS2_P7QWidgetPKc [QtGui]	_ZN9QLineEditD0Ev [QtGui]
_ZN9QLineEditD1Ev [QtGui]	_ZN9QLineEditD2Ev [QtGui]
_ZN9QListView10moveCursorEN17QAbstractItemView12CursorActionE6QFlagsIN2Qt16KeyboardModifierEE [QtGui]	_ZN9QListView10paintEventEP11QPaintEvent [QtGui]
_ZN9QListView10setSpacingEi [QtGui]	_ZN9QListView10timerEventEP11QTimerEvent [QtGui]
ZN9QListView11dataChangedERK11QModelIndexS2 [QtGui]	_ZN9QListView11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN9QListView11qt_metacastEPKc [QtGui]	_ZN9QListView11resizeEventEP12QResizeEvent [QtGui]
_ZN9QListView11setGridSizeERK5QSize [QtGui]	_ZN9QListView11setMovementENS_8MovementE [QtGui]
_ZN9QListView11setViewModeENS_8ViewModeE [QtGui]	_ZN9QListView11setWordWrapEb [QtXml]
_ZN9QListView11setWrappingEb [QtGui]	_ZN9QListView12indexesMovedERK5QListI11QModelIndexE [QtXml]
_ZN9QListView12internalDragE6QFlagsIN2Qt10DropActionEE [QtGui]	_ZN9QListView12internalDropEP10QDropEvent [QtGui]

_ZN9QListView12rowsInsertedERK11QModelIndexii [QtGui]	_ZN9QListView12setBatchSizeEi [QtXml]
_ZN9QListView12setRootIndexERK11QModelIndex [QtGui]	_ZN9QListView12setRowHiddenEib [QtGui]
_ZN9QListView12setSelectionERK5QRect6QFlagsIN19QItemSelectionModel13SelectionFlagEE [QtGui]	_ZN9QListView13doItemsLayoutEv [QtGui]
_ZN9QListView13dragMoveEventEP14QDragMoveEvent [QtGui]	_ZN9QListView13setLayoutModeENS_10LayoutModeE [QtGui]
_ZN9QListView13setResizeModeENS_10ResizeModeE [QtGui]	_ZN9QListView14dragLeaveEventEP15QDragLeaveEvent [QtGui]
_ZN9QListView14mouseMoveEventEP11QMouseEvent [QtGui]	_ZN9QListView14resizeContentsEii [QtGui]
_ZN9QListView14setModelColumnEi [QtGui]	_ZN9QListView16scrollContentsByEii [QtGui]
_ZN9QListView16updateGeometriesEv [QtGui]	_ZN9QListView17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN9QListView18clearPropertyFlagsEv [QtGui]	_ZN9QListView19setPositionForIndexERK6QPointRK11QModelIndex [QtGui]
_ZN9QListView19setUniformItemSizesEb [QtGui]	_ZN9QListView20rowsAboutToBeRemovedERK11QModelIndexii [QtGui]
_ZN9QListView5eventEP6QEvent [QtGui]	_ZN9QListView5resetEv [QtGui]
_ZN9QListView7setFlowENS_4FlowE [QtGui]	_ZN9QListView8scrollToERK11QModelIndexN17QAbstractItemView10ScrollHintE [QtGui]
_ZN9QListView9dropEventEP10QDropEvent [QtGui]	_ZN9QListView9startDragE6QFlagsIN2Qt10DropActionEE [QtGui]
_ZN9QListViewC1EP7QWidget [QtGui]	_ZN9QListViewC2EP7QWidget [QtGui]
_ZN9QListViewD0Ev [QtGui]	_ZN9QListViewD1Ev [QtGui]
_ZN9QListViewD2Ev [QtGui]	_ZN9QTextEdit10insertHtmlERK7QString [QtGui]
_ZN9QTextEdit10moveCursorEN11QTextCursor13MoveOperationENS0_8MoveModeE [QtXml]	_ZN9QTextEdit10moveCursorENS_12CursorActionEN11QTextCursor8MoveModeE [QtGui]
_ZN9QTextEdit10moveCursorENS_12CursorActionEb [QtXml]	_ZN9QTextEdit10paintEventEP11QPaintEvent [QtGui]
_ZN9QTextEdit10timerEventEP11QTimerEvent [QtGui]	_ZN9QTextEdit10wheelEventEP11QWheelEvent [QtGui]
_ZN9QTextEdit11changeEventEP6QEvent [QtGui]	_ZN9QTextEdit11qt_metacallEN11QMetaObject4CallEiPPv [QtGui]
_ZN9QTextEdit11qt_metacastEPKc [QtGui]	_ZN9QTextEdit11resizeEventEP12QResizeEvent [QtGui]

_ZN9QTextEdit11setDocumentEP13QTextDocument [QtGui]	_ZN9QTextEdit11setReadOnlyEb [QtGui]
_ZN9QTextEdit11textChangedEv [QtGui]	_ZN9QTextEdit12focusInEventEP11QFocusEvent [QtGui]
_ZN9QTextEdit12loadResourceEiRK4QUrl [QtGui]	_ZN9QTextEdit12setAlignmentE6QFlagsIN2Qt13AlignmentFlagEE [QtGui]
_ZN9QTextEdit12setPlainTextERK7QString [QtGui]	_ZN9QTextEdit12setTextColorERK6QColor [QtGui]
_ZN9QTextEdit13copyAvailableEb [QtGui]	_ZN9QTextEdit13dragMoveEventEP14QDragMoveEvent [QtGui]
_ZN9QTextEdit13focusOutEventEP11QFocusEvent [QtGui]	_ZN9QTextEdit13keyPressEventEP9QKeyEvent [QtGui]
_ZN9QTextEdit13redoAvailableEb [QtGui]	_ZN9QTextEdit13setFontFamilyERK7QString [QtGui]
_ZN9QTextEdit13setFontItalicEb [QtGui]	_ZN9QTextEdit13setFontWeightEi [QtGui]
_ZN9QTextEdit13setTextCursorERK11QTextCursor [QtGui]	_ZN9QTextEdit13setTextFormatEN2Qt10TextFormatE [QtGui]
_ZN9QTextEdit13undoAvailableEb [QtGui]	_ZN9QTextEdit14dragEnterEventEP15QDragEnterEvent [QtGui]
_ZN9QTextEdit14dragLeaveEventEP15QDragLeaveEvent [QtGui]	_ZN9QTextEdit14mouseMoveEventEP11QMouseEvent [QtGui]
_ZN9QTextEdit14scrollToAnchorERK7QString [QtGui]	_ZN9QTextEdit14setCurrentFontERK5QFont [QtGui]
_ZN9QTextEdit14setCursorWidthEi [QtXml]	_ZN9QTextEdit15insertPlainTextERK7QString [QtGui]
_ZN9QTextEdit15keyReleaseEventEP9QKeyEvent [QtXml]	_ZN9QTextEdit15mousePressEventEP11QMouseEvent [QtGui]
_ZN9QTextEdit15setLineWrapModeENS_12LineWrapModeE [QtGui]	_ZN9QTextEdit15setTabStopWidthEi [QtGui]
_ZN9QTextEdit15setWordWrapModeEN11QTextOption8WrapModeE [QtGui]	_ZN9QTextEdit16contextMenuEventEP17QContextMenuEvent [QtGui]
_ZN9QTextEdit16doKeyboardActionENS_14KeyboardActionE [QtGui]	_ZN9QTextEdit16inputMethodEventEP17QInputMethodEvent [QtGui]
_ZN9QTextEdit16scrollContentsByEii [QtGui]	_ZN9QTextEdit16selectionChangedEv [QtGui]
_ZN9QTextEdit16setFontPointSizeEd [QtGui]	_ZN9QTextEdit16setFontUnderlineEb [QtGui]
_ZN9QTextEdit16setOverwriteModeEb [QtGui]	_ZN9QTextEdit17mouseReleaseEventEP11QMouseEvent [QtGui]
_ZN9QTextEdit17setAcceptRichTextEb [QtGui]	_ZN9QTextEdit17setAutoFormattingE6QFlagsINS_18AutoFormattingFlagEE [QtGui]
_ZN9QTextEdit18currentFontChang	_ZN9QTextEdit18focusNextPrevChil

edERK5QFont [QtGui]	dEb [QtGui]
_ZN9QTextEdit18insertFromMimeDataEPK9QMimeData [QtGui]	_ZN9QTextEdit18setExtraSelectionsERK5QListINS_14ExtraSelectionEE [QtXml]
_ZN9QTextEdit18setTabChangesFocusEb [QtGui]	_ZN9QTextEdit19currentColorChangedERK6QColor [QtGui]
_ZN9QTextEdit19ensureCursorVisibleEv [QtGui]	_ZN9QTextEdit20setCurrentCharFormatERK15QTextCharFormat [QtGui]
_ZN9QTextEdit21cursorPositionChangedEv [QtGui]	_ZN9QTextEdit21mouseDoubleClickEventEP11QMouseEvent [QtGui]
_ZN9QTextEdit22mergeCurrentCharFormatERK15QTextCharFormat [QtGui]	_ZN9QTextEdit23setTextInteractionFlagsE6QFlagsIN2Qt19TextInteractionFlagEE [QtXml]
_ZN9QTextEdit24currentCharFormatChangedERK15QTextCharFormat [QtGui]	_ZN9QTextEdit24setLineWrapColumnOrWidthEi [QtGui]
_ZN9QTextEdit25createStandardContextMenuEv [QtGui]	_ZN9QTextEdit3cutEv [QtGui]
_ZN9QTextEdit4copyEv [QtGui]	_ZN9QTextEdit4findERK7QString6QFlagsIN13QTextDocument8FindFlagEE [QtGui]
_ZN9QTextEdit4redoEv [QtXml]	_ZN9QTextEdit4undoEv [QtXml]
_ZN9QTextEdit5clearEv [QtGui]	_ZN9QTextEdit5eventEP6QEvent [QtGui]
_ZN9QTextEdit5pasteEv [QtGui]	_ZN9QTextEdit6appendERK7QString [QtGui]
_ZN9QTextEdit6zoomInEi [QtGui]	_ZN9QTextEdit7setHtmlERK7QString [QtGui]
_ZN9QTextEdit7setTextERK7QString [QtGui]	_ZN9QTextEdit7zoomOutEi [QtGui]
_ZN9QTextEdit9dropEventEP10QDropEvent [QtGui]	_ZN9QTextEdit9selectAllEv [QtGui]
_ZN9QTextEdit9showEventEP10QShowEvent [QtGui]	_ZN9QTextEditC1EP7QWidget [QtGui]
_ZN9QTextEditC1EP7QWidgetPKc [QtGui]	_ZN9QTextEditC1ERK7QStringP7QWidget [QtGui]
_ZN9QTextEditC2EP7QWidget [QtGui]	_ZN9QTextEditC2EP7QWidgetPKc [QtGui]
_ZN9QTextEditC2ERK7QStringP7QWidget [QtGui]	_ZN9QTextEditD0Ev [QtGui]
_ZN9QTextEditD1Ev [QtGui]	_ZN9QTextEditD2Ev [QtGui]
_ZNK10QLCDNumber10metaObjectEv [QtGui]	_ZNK10QLCDNumber12segmentStyleEv [QtGui]
_ZNK10QLCDNumber13checkOverflowEd [QtGui]	_ZNK10QLCDNumber13checkOverflowEi [QtGui]

_ZNK10QLCDNumber17smallDecimalPointEv [QtGui]	_ZNK10QLCDNumber4modeEv [QtGui]
_ZNK10QLCDNumber5valueEv [QtGui]	_ZNK10QLCDNumber8intValueEv [QtGui]
_ZNK10QLCDNumber8sizeHintEv [QtGui]	_ZNK10QLCDNumber9numDigitsEv [QtGui]
_ZNK10QScrollBar10metaObjectEv [QtGui]	_ZNK10QScrollBar8sizeHintEv [QtGui]
_ZNK10QTabWidget10metaObjectEv [QtGui]	_ZNK10QTabWidget10tabToolTipEi [QtGui]
_ZNK10QTabWidget11tabPositionEv [QtGui]	_ZNK10QTabWidget12cornerWidgetEN2Qt6CornerE [QtGui]
_ZNK10QTabWidget12currentIndexEv [QtGui]	_ZNK10QTabWidget12isTabEnabledEi [QtGui]
_ZNK10QTabWidget12tabWhatsThisEi [QtGui]	_ZNK10QTabWidget13currentWidgetEv [QtGui]
_ZNK10QTabWidget15minimumSizeHintEv [QtGui]	_ZNK10QTabWidget17usesScrollButtonsEv [QtXml]
_ZNK10QTabWidget5countEv [QtGui]	_ZNK10QTabWidget6tabBarEv [QtGui]
_ZNK10QTabWidget6widgetEi [QtGui]	_ZNK10QTabWidget7indexOfEP7QWidget [QtGui]
_ZNK10QTabWidget7tabIconEi [QtGui]	_ZNK10QTabWidget7tabTextEi [QtGui]
_ZNK10QTabWidget8iconSizeEv [QtXml]	_ZNK10QTabWidget8sizeHintEv [QtGui]
_ZNK10QTabWidget8tabShapeEv [QtGui]	_ZNK10QTabWidget9elideModeEv [QtXml]
_ZNK11QDockWidget10metaObjectEv [QtGui]	_ZNK11QDockWidget12allowedAreasEv [QtGui]
_ZNK11QDockWidget16toggleViewActionEv [QtGui]	_ZNK11QDockWidget6widgetEv [QtGui]
_ZNK11QDockWidget8featuresEv [QtGui]	_ZNK11QFocusFrame10metaObjectEv [QtGui]
_ZNK11QFocusFrame6widgetEv [QtGui]	_ZNK11QListWidget10currentRowEv [QtGui]
_ZNK11QListWidget10itemWidgetEP15QListWidgetItem [QtGui]	_ZNK11QListWidget10metaObjectEv [QtGui]
_ZNK11QListWidget11currentItemEv [QtGui]	_ZNK11QListWidget12isItemHiddenEPK15QListWidgetItem [QtGui]
_ZNK11QListWidget13indexFromItemEP15QListWidgetItem [QtGui]	_ZNK11QListWidget13itemFromIndexERK11QModelIndex [QtGui]
_ZNK11QListWidget13selectedItemsEv [QtGui]	_ZNK11QListWidget14isItemSelectedEPK15QListWidgetItem [QtGui]
_ZNK11QListWidget14visualItemRectEPK15QListWidgetItem [QtGui]	_ZNK11QListWidget16isSortingEnabledEv [QtXml]

_ZNK11QListWidget20supportedDropActionsEv [QtGui]	_ZNK11QListWidget3rowEPK15QListWidgetItem [QtGui]
_ZNK11QListWidget4itemEi [QtGui]	_ZNK11QListWidget5countEv [QtGui]
_ZNK11QListWidget5itemsEPK9QMimeData [QtGui]	_ZNK11QListWidget6itemAtERK6QPoint [QtGui]
_ZNK11QListWidget8mimeDataE5QListIP15QListWidgetItemE [QtGui]	_ZNK11QListWidget9findItemsERK7QString6QFlagsIN2Qt9MatchFlagEE [QtGui]
_ZNK11QListWidget9mimeTypesEv [QtGui]	_ZNK11QMainWindow10isAnimatedEv [QtXml]
_ZNK11QMainWindow10menuWidgetEv [QtXml]	_ZNK11QMainWindow10metaObjectEv [QtGui]
_ZNK11QMainWindow11isSeparatorERK6QPoint [QtXml]	_ZNK11QMainWindow11toolBarAreaEP8QToolBar [QtGui]
_ZNK11QMainWindow13centralWidgetEv [QtGui]	_ZNK11QMainWindow14dockWidgetAreaEP11QDockWidget [QtGui]
_ZNK11QMainWindow15toolButtonStyleEv [QtGui]	_ZNK11QMainWindow20isDockNestingEnabledEv [QtXml]
_ZNK11QMainWindow6cornerEN2Qt6CornerE [QtGui]	_ZNK11QMainWindow7menuBarEv [QtGui]
_ZNK11QMainWindow8iconSizeEv [QtGui]	_ZNK11QMainWindow9saveStateEi [QtGui]
_ZNK11QMainWindow9statusBarEv [QtGui]	_ZNK11QPushButton10metaObjectEv [QtGui]
_ZNK11QPushButton11autoDefaultEv [QtGui]	_ZNK11QPushButton4menuEv [QtGui]
_ZNK11QPushButton6isFlatEv [QtGui]	_ZNK11QPushButton8sizeHintEv [QtGui]
_ZNK11QPushButton9isDefaultEv [QtGui]	_ZNK11QScrollArea10metaObjectEv [QtGui]
_ZNK11QScrollArea15widgetResizableEv [QtGui]	_ZNK11QScrollArea6widgetEv [QtGui]
_ZNK11QScrollArea8sizeHintEv [QtGui]	_ZNK11QScrollArea9alignmentEv [QtXml]
_ZNK11QToolButton10metaObjectEv [QtGui]	_ZNK11QToolButton10offIconSetEv [QtGui]
_ZNK11QToolButton10popupDelayEv [QtGui]	_ZNK11QToolButton13defaultActionEv [QtGui]
_ZNK11QToolButton15minimumSizeHintEv [QtGui]	_ZNK11QToolButton15toolButtonStyleEv [QtGui]
_ZNK11QToolButton4menuEv [QtGui]	_ZNK11QToolButton7iconSetEb [QtGui]
_ZNK11QToolButton8sizeHintEv [QtGui]	_ZNK11QToolButton9arrowTypeEv [QtGui]
_ZNK11QToolButton9autoRaiseEv	_ZNK11QToolButton9hitButtonERK

[QtGui]	6QPoint [QtXml]
_ZNK11QToolButton9onIconSetEv [QtGui]	_ZNK11QToolButton9popupModeEv [QtGui]
_ZNK12QProgressBar10metaObjectEv [QtGui]	_ZNK12QProgressBar11orientationEv [QtGui]
_ZNK12QProgressBar13isTextVisibleEv [QtGui]	_ZNK12QProgressBar15minimumSizeHintEv [QtGui]
_ZNK12QProgressBar4textEv [QtGui]	_ZNK12QProgressBar5valueEv [QtGui]
_ZNK12QProgressBar6formatEv [QtXml]	_ZNK12QProgressBar7maximumEv [QtGui]
_ZNK12QProgressBar7minimumEv [QtGui]	_ZNK12QProgressBar8sizeHintEv [QtGui]
_ZNK12QProgressBar9alignmentEv [QtGui]	_ZNK12QRadioButton10metaObjectEv [QtGui]
_ZNK12QRadioButton8sizeHintEv [QtGui]	_ZNK12QRadioButton9hitButtonERK6QPoint [QtGui]
_ZNK12QTextBrowser10metaObjectEv [QtGui]	_ZNK12QTextBrowser11searchPathsEv [QtGui]
_ZNK12QTextBrowser17openExternalLinksEv [QtXml]	_ZNK12QTextBrowser18isForwardAvailableEv [QtXml]
_ZNK12QTextBrowser19isBackwardAvailableEv [QtXml]	_ZNK12QTextBrowser6sourceEv [QtGui]
_ZNK13QInputContext10metaObjectEv [QtGui]	_ZNK13QInputContext11focusWidgetEv [QtGui]
_ZNK13QInputContext14standardFormatENS_14StandardFormatE [QtGui]	_ZNK13QInputContext4fontEv [QtGui]
_ZNK14QDesktopWidget10metaObjectEv [QtGui]	_ZNK14QDesktopWidget10numScreensEv [QtGui]
_ZNK14QDesktopWidget12screenNumberEPK7QWidget [QtGui]	_ZNK14QDesktopWidget12screenNumberERK6QPoint [QtGui]
_ZNK14QDesktopWidget13primaryScreenEv [QtGui]	_ZNK14QDesktopWidget14screenGeometryEi [QtGui]
_ZNK14QDesktopWidget16isVirtualDesktopEv [QtGui]	_ZNK14QDesktopWidget17availableGeometryEi [QtGui]
_ZNK14QDoubleSpinBox10metaObjectEv [QtGui]	_ZNK14QDoubleSpinBox10singleStepEv [QtGui]
_ZNK14QDoubleSpinBox13textFromValueEd [QtGui]	_ZNK14QDoubleSpinBox13valueFromTextERK7QString [QtGui]
_ZNK14QDoubleSpinBox5fixupER7QString [QtGui]	_ZNK14QDoubleSpinBox5valueEv [QtGui]
_ZNK14QDoubleSpinBox6prefixEv [QtGui]	_ZNK14QDoubleSpinBox6suffixEv [QtGui]
_ZNK14QDoubleSpinBox7maximumEv [QtGui]	_ZNK14QDoubleSpinBox7minimumEv [QtGui]

_ZNK14QDoubleSpinBox8decimalsEv [QtGui]	_ZNK14QDoubleSpinBox8validateER7QStringRi [QtGui]
_ZNK14QDoubleSpinBox9cleanTextEv [QtGui]	_ZNK14QStackedWidget10metaObjectEv [QtGui]
_ZNK14QStackedWidget12currentIndexEv [QtGui]	_ZNK14QStackedWidget13currentWidgetEv [QtGui]
_ZNK14QStackedWidget5countEv [QtGui]	_ZNK14QStackedWidget6widgetEi [QtGui]
_ZNK14QStackedWidget7indexOfEP7QWidget [QtGui]	_ZNK15QCalendarWidget10metaObjectEv [QtXml]
_ZNK15QCalendarWidget10monthShownEv [QtXml]	_ZNK15QCalendarWidget11maximumDateEv [QtXml]
_ZNK15QCalendarWidget11minimumDateEv [QtXml]	_ZNK15QCalendarWidget12selectedDateEv [QtXml]
_ZNK15QCalendarWidget13isGridVisibleEv [QtXml]	_ZNK15QCalendarWidget13selectionModeEv [QtXml]
_ZNK15QCalendarWidget14dateTextFormatERK5QDate [QtXml]	_ZNK15QCalendarWidget14dateTextFormatEv [QtXml]
_ZNK15QCalendarWidget14firstDayOfWeekEv [QtXml]	_ZNK15QCalendarWidget15isHeaderVisibleEv [QtXml]
_ZNK15QCalendarWidget15minimumSizeHintEv [QtXml]	_ZNK15QCalendarWidget16headerTextFormatEv [QtXml]
_ZNK15QCalendarWidget17weekdayTextFormatEN2Qt9DayOfWeekE [QtXml]	_ZNK15QCalendarWidget20verticalHeaderFormatEv [QtXml]
_ZNK15QCalendarWidget22horizontalHeaderFormatEv [QtXml]	_ZNK15QCalendarWidget8sizeHintEv [QtXml]
_ZNK15QCalendarWidget9paintCellEP8QPainterRK5QRectRK5QDate [QtXml]	_ZNK15QCalendarWidget9yearShownEv [QtXml]
_ZNK15QListWidgetItem4dataEi [QtGui]	_ZNK15QListWidgetItem5cloneEv [QtGui]
_ZNK15QListWidgetItem5writeER11QDataStream [QtGui]	_ZNK15QListWidgetItemltERKS_ [QtGui]
_ZNK15QSystemTrayIcon10metaObjectEv [QtXml]	_ZNK15QSystemTrayIcon11contextMenuEv [QtXml]
_ZNK15QSystemTrayIcon4iconEv [QtXml]	_ZNK15QSystemTrayIcon7toolTipEv [QtXml]
_ZNK15QSystemTrayIcon9isVisibleEv [QtXml]	_ZNK16QDialogButtonBox10buttonRoleEP15QAbstractButton [QtXml]
_ZNK16QDialogButtonBox10metaObjectEv [QtXml]	_ZNK16QDialogButtonBox11orientationEv [QtXml]
_ZNK16QDialogButtonBox13centerButtonsEv [QtXml]	_ZNK16QDialogButtonBox14standardButtonEP15QAbstractButton [QtXml]
_ZNK16QDialogButtonBox15standar	_ZNK16QDialogButtonBox6buttonE

dButtonsEv [QtXml]	NS_14StandardButtonE [QtXml]
_ZNK16QDialogButtonBox7buttons Ev [QtXml]	_ZNK5QDial10metaObjectEv [QtGui]
_ZNK5QDial11notchTargetEv [QtGui]	_ZNK5QDial14notchesVisibleEv [QtGui]
_ZNK5QDial15minimumSizeHintEv [QtGui]	_ZNK5QDial8sizeHintEv [QtGui]
_ZNK5QDial8wrappingEv [QtGui]	_ZNK5QDial9notchSizeEv [QtGui]
_ZNK6QFrame10frameShapeEv [QtGui]	_ZNK6QFrame10frameStyleEv [QtGui]
_ZNK6QFrame10frameWidthEv [QtGui]	_ZNK6QFrame10metaObjectEv [QtGui]
_ZNK6QFrame11frameShadowEv [QtGui]	_ZNK6QFrame12midLineWidthEv [QtGui]
_ZNK6QFrame8sizeHintEv [QtGui]	_ZNK6QFrame9frameRectEv [QtGui]
_ZNK6QFrame9lineWidthEv [QtGui]	_ZNK6QLabel10metaObjectEv [QtGui]
_ZNK6QLabel10textFormatEv [QtGui]	_ZNK6QLabel14heightForWidthEi [QtGui]
_ZNK6QLabel15minimumSizeHintE v [QtGui]	_ZNK6QLabel17hasScaledContentsE v [QtGui]
_ZNK6QLabel17openExternalLinksE v [QtXml]	_ZNK6QLabel20textInteractionFlags Ev [QtXml]
_ZNK6QLabel4textEv [QtGui]	_ZNK6QLabel5buddyEv [QtGui]
_ZNK6QLabel5movieEv [QtGui]	_ZNK6QLabel6indentEv [QtGui]
_ZNK6QLabel6marginEv [QtGui]	_ZNK6QLabel6pixmapEv [QtGui]
_ZNK6QLabel7pictureEv [QtGui]	_ZNK6QLabel8sizeHintEv [QtGui]
_ZNK6QLabel8wordWrapEv [QtGui]	_ZNK6QLabel9alignmentEv [QtGui]
_ZNK7QSlider10metaObjectEv [QtGui]	_ZNK7QSlider12tickIntervalEv [QtGui]
_ZNK7QSlider12tickPositionEv [QtGui]	_ZNK7QSlider15minimumSizeHintE v [QtGui]
_ZNK7QSlider8sizeHintEv [QtGui]	_ZNK7QTabBar10metaObjectEv [QtGui]
_ZNK7QTabBar10tabToolTipEi [QtGui]	_ZNK7QTabBar11tabSizeHintEi [QtGui]
_ZNK7QTabBar12currentIndexEv [QtGui]	_ZNK7QTabBar12isTabEnabledEi [QtGui]
_ZNK7QTabBar12tabTextColorEi [QtGui]	_ZNK7QTabBar12tabWhatsThisEi [QtGui]
_ZNK7QTabBar15minimumSizeHint Ev [QtGui]	_ZNK7QTabBar17usesScrollButtons Ev [QtXml]
_ZNK7QTabBar5countEv [QtGui]	_ZNK7QTabBar5shapeEv [QtGui]

_ZNK7QTabBar7tabDataEi [QtGui]	_ZNK7QTabBar7tabIconEi [QtGui]
_ZNK7QTabBar7tabRectEi [QtGui]	_ZNK7QTabBar7tabTextEi [QtGui]
_ZNK7QTabBar8drawBaseEv [QtGui]	_ZNK7QTabBar8iconSizeEv [QtGui]
_ZNK7QTabBar8sizeHintEv [QtGui]	_ZNK7QTabBar9elideModeEv [QtXml]
_ZNK7QWidget10focusProxyEv [QtGui]	_ZNK7QWidget10metaObjectEv [QtGui]
_ZNK7QWidget10sizePolicyEv [QtGui]	_ZNK7QWidget10styleSheetEv [QtXml]
_ZNK7QWidget10windowIconEv [QtGui]	_ZNK7QWidget10windowRoleEv [QtGui]
_ZNK7QWidget11acceptDropsEv [QtGui]	_ZNK7QWidget11focusPolicyEv [QtGui]
_ZNK7QWidget11focusWidgetEv [QtGui]	_ZNK7QWidget11isEnabledToEPS_ [QtGui]
_ZNK7QWidget11isMaximizedEv [QtGui]	_ZNK7QWidget11isMinimizedEv [QtGui]
ZNK7QWidget11isVisibleToEPS [QtGui]	_ZNK7QWidget11mapToGlobalERK6QPoint [QtGui]
_ZNK7QWidget11mapToParentERK6QPoint [QtGui]	_ZNK7QWidget11maximumSizeEv [QtGui]
_ZNK7QWidget11minimumSizeEv [QtGui]	_ZNK7QWidget11paintEngineEv [QtGui]
_ZNK7QWidget11visibleRectEv [QtGui]	_ZNK7QWidget11windowStateEv [QtGui]
_ZNK7QWidget11windowTitleEv [QtGui]	_ZNK7QWidget12childrenRectEv [QtGui]
_ZNK7QWidget12contentsRectEv [QtGui]	_ZNK7QWidget12isAncestorOfEPKS_ [QtGui]
_ZNK7QWidget12isFullScreenEv [QtGui]	_ZNK7QWidget12saveGeometryEv [QtXml]
_ZNK7QWidget13frameGeometryEv [QtGui]	_ZNK7QWidget13mapFromGlobalERK6QPoint [QtGui]
_ZNK7QWidget13mapFromParentERK6QPoint [QtGui]	_ZNK7QWidget13sizeIncrementEv [QtGui]
_ZNK7QWidget13visibleRegionEv [QtGui]	_ZNK7QWidget13windowOpacityEv [QtGui]
_ZNK7QWidget13windowSurfaceEv [QtXml]	_ZNK7QWidget14accessibleNameEv [QtGui]
_ZNK7QWidget14backgroundModeEv [QtGui]	_ZNK7QWidget14backgroundRoleEv [QtGui]
_ZNK7QWidget14childrenRegionEv [QtGui]	_ZNK7QWidget14ensurePolishedEv [QtGui]
_ZNK7QWidget14foregroundRoleEv	_ZNK7QWidget14heightForWidthEi

[QtGui]	[QtGui]
_ZNK7QWidget14isActiveWindowEv [QtGui]	_ZNK7QWidget14normalGeometryEv [QtGui]
_ZNK7QWidget14windowIconTextEv [QtGui]	_ZNK7QWidget14windowModalityEv [QtGui]
_ZNK7QWidget15layoutDirectionEv [QtGui]	_ZNK7QWidget15minimumSizeHintEv [QtGui]
_ZNK7QWidget16inputMethodQueryEN2Qt16InputMethodQueryE [QtGui]	_ZNK7QWidget16isWindowModifiedEv [QtGui]
_ZNK7QWidget16nextInFocusChainEv [QtGui]	_ZNK7QWidget16x11PictureHandleEv [QtGui]
_ZNK7QWidget17contextMenuPolicyEv [QtGui]	_ZNK7QWidget18autoFillBackgroundEv [QtGui]
_ZNK7QWidget18getContentsMarginsEPiS0_S0_S0_ [QtGui]	_ZNK7QWidget1xEv [QtGui]
_ZNK7QWidget1yEv [QtGui]	_ZNK7QWidget20testAttribute_helperEN2Qt15WidgetAttributeE [QtGui]
_ZNK7QWidget21accessibleDescriptionEv [QtGui]	_ZNK7QWidget3posEv [QtGui]
_ZNK7QWidget4iconEv [QtGui]	_ZNK7QWidget4maskEv [QtGui]
_ZNK7QWidget5mapToEPS_RK6QPoint [QtGui]	_ZNK7QWidget5styleEv [QtGui]
_ZNK7QWidget5winIdEv [QtXml]	_ZNK7QWidget6cursorEv [QtGui]
_ZNK7QWidget6handleEv [QtGui]	_ZNK7QWidget6layoutEv [QtGui]
_ZNK7QWidget6metricEN12QPaintDevice17PaintDeviceMetricE [QtGui]	_ZNK7QWidget6windowEv [QtGui]
_ZNK7QWidget7actionsEv [QtGui]	_ZNK7QWidget7childAtERK6QPoint [QtGui]
_ZNK7QWidget7devTypeEv [QtGui]	_ZNK7QWidget7mapFromEPS_RK6QPoint [QtGui]
_ZNK7QWidget7paletteEv [QtGui]	_ZNK7QWidget7toolTipEv [QtGui]
_ZNK7QWidget7x11InfoEv [QtGui]	_ZNK7QWidget8baseSizeEv [QtGui]
_ZNK7QWidget8hasFocusEv [QtGui]	_ZNK7QWidget8sizeHintEv [QtGui]
_ZNK7QWidget9frameSizeEv [QtGui]	_ZNK7QWidget9statusTipEv [QtGui]
_ZNK7QWidget9whatsThisEv [QtGui]	_ZNK8QSpinBox10metaObjectEv [QtGui]
_ZNK8QSpinBox10singleStepEv [QtGui]	_ZNK8QSpinBox13textFromValueEi [QtGui]
_ZNK8QSpinBox13valueFromTextERK7QString [QtGui]	_ZNK8QSpinBox5fixupER7QString [QtGui]

_ZNK8QSpinBox5valueEv [QtGui]	_ZNK8QSpinBox6prefixEv [QtGui]
_ZNK8QSpinBox6suffixEv [QtGui]	_ZNK8QSpinBox7maximumEv [QtGui]
_ZNK8QSpinBox7minimumEv [QtGui]	_ZNK8QSpinBox8validateER7QStringRi [QtGui]
_ZNK8QSpinBox9cleanTextEv [QtGui]	_ZNK8QToolBox10metaObjectEv [QtGui]
_ZNK8QToolBox11itemToolTipEi [QtGui]	_ZNK8QToolBox12currentIndexEv [QtGui]
_ZNK8QToolBox13currentWidgetEv [QtGui]	_ZNK8QToolBox13isItemEnabledEi [QtGui]
_ZNK8QToolBox5countEv [QtGui]	_ZNK8QToolBox6widgetEi [QtGui]
_ZNK8QToolBox7indexOfEP7QWidget [QtGui]	_ZNK8QToolBox8itemIconEi [QtGui]
_ZNK8QToolBox8itemTextEi [QtGui]	_ZNK9QCheckBox10checkStateEv [QtGui]
_ZNK9QCheckBox10isTristateEv [QtGui]	_ZNK9QCheckBox10metaObjectEv [QtGui]
_ZNK9QCheckBox8sizeHintEv [QtGui]	_ZNK9QCheckBox9hitButtonERK6QPoint [QtGui]
_ZNK9QComboBox10isEditableEv [QtGui]	_ZNK9QComboBox10metaObjectEv [QtGui]
_ZNK9QComboBox11currentTextEv [QtGui]	_ZNK9QComboBox11modelColumnEv [QtGui]
_ZNK9QComboBox12currentIndexEv [QtGui]	_ZNK9QComboBox12insertPolicyEv [QtGui]
_ZNK9QComboBox12itemDelegateEv [QtGui]	_ZNK9QComboBox14autoCompletionEv [QtGui]
_ZNK9QComboBox14rootModelIndexEv [QtGui]	_ZNK9QComboBox15maxVisibleItemsEv [QtGui]
_ZNK9QComboBox15minimumSizeHintEv [QtGui]	_ZNK9QComboBox16inputMethodQueryEN2Qt16InputMethodQueryE [QtGui]
_ZNK9QComboBox16sizeAdjustPolicyEv [QtGui]	_ZNK9QComboBox17duplicatesEnabledEv [QtGui]
_ZNK9QComboBox21minimumContentsLengthEv [QtGui]	_ZNK9QComboBox29autoCompletionCaseSensitivityEv [QtGui]
_ZNK9QComboBox4viewEv [QtGui]	_ZNK9QComboBox5countEv [QtGui]
_ZNK9QComboBox5modelEv [QtGui]	_ZNK9QComboBox8findDataERK8QVarianti6QFlagsIN2Qt9MatchFlagEE [QtGui]
_ZNK9QComboBox8hasFrameEv [QtGui]	_ZNK9QComboBox8iconSizeEv [QtGui]
_ZNK9QComboBox8itemDataEii [QtGui]	_ZNK9QComboBox8itemIconEi [QtGui]

© 2008 Linux Foundation

_ZNK9QComboBox8itemTextEi [QtGui]	_ZNK9QComboBox8lineEditEv [QtGui]
_ZNK9QComboBox8maxCountEv [QtGui]	_ZNK9QComboBox8sizeHintEv [QtGui]
_ZNK9QComboBox9completerEv [QtXml]	_ZNK9QComboBox9validatorEv [QtGui]
_ZNK9QLineEdit10isModifiedEv [QtGui]	_ZNK9QLineEdit10isReadOnlyEv [QtGui]
_ZNK9QLineEdit10metaObjectEv [QtGui]	_ZNK9QLineEdit11characterAtEiP5 QChar [QtGui]
_ZNK9QLineEdit11displayTextEv [QtGui]	_ZNK9QLineEdit11dragEnabledEv [QtGui]
_ZNK9QLineEdit12selectedTextEv [QtGui]	_ZNK9QLineEdit14cursorPositionEv [QtGui]
_ZNK9QLineEdit14selectionStartEv [QtGui]	_ZNK9QLineEdit15hasSelectedText Ev [QtGui]
_ZNK9QLineEdit15isRedoAvailable Ev [QtGui]	_ZNK9QLineEdit15isUndoAvailable Ev [QtGui]
_ZNK9QLineEdit15minimumSizeHi ntEv [QtGui]	_ZNK9QLineEdit16inputMethodQu eryEN2Qt16InputMethodQueryE [QtGui]
_ZNK9QLineEdit18hasAcceptableIn putEv [QtGui]	_ZNK9QLineEdit4copyEv [QtGui]
_ZNK9QLineEdit4textEv [QtGui]	_ZNK9QLineEdit6editedEv [QtGui]
_ZNK9QLineEdit8echoModeEv [QtGui]	_ZNK9QLineEdit8hasFrameEv [QtGui]
_ZNK9QLineEdit8sizeHintEv [QtGui]	_ZNK9QLineEdit9alignmentEv [QtGui]
_ZNK9QLineEdit9completerEv [QtXml]	_ZNK9QLineEdit9inputMaskEv [QtGui]
_ZNK9QLineEdit9maxLengthEv [QtGui]	_ZNK9QLineEdit9validatorEv [QtGui]
_ZNK9QListView10isWrappingEv [QtGui]	_ZNK9QListView10layoutModeEv [QtGui]
_ZNK9QListView10metaObjectEv [QtGui]	_ZNK9QListView10resizeModeEv [QtGui]
_ZNK9QListView10visualRectERK1 1QModelIndex [QtGui]	_ZNK9QListView11isRowHiddenEi [QtGui]
_ZNK9QListView11modelColumnE v [QtGui]	_ZNK9QListView11viewOptionsEv [QtGui]
_ZNK9QListView12contentsSizeEv [QtGui]	_ZNK9QListView12rectForIndexER K11QModelIndex [QtGui]
_ZNK9QListView13isIndexHiddenE RK11QModelIndex [QtGui]	_ZNK9QListView14verticalOffsetEv [QtGui]
_ZNK9QListView15selectedIndexes Ev [QtGui]	_ZNK9QListView16horizontalOffset Ev [QtGui]

_ZNK9QListView16uniformItemSizesEv [QtGui]	_ZNK9QListView24visualRegionForSelectionERK14QItemSelection [QtGui]
_ZNK9QListView4flowEv [QtGui]	_ZNK9QListView7indexAtERK6QPoint [QtGui]
_ZNK9QListView7spacingEv [QtGui]	_ZNK9QListView8gridSizeEv [QtGui]
_ZNK9QListView8movementEv [QtGui]	_ZNK9QListView8viewModeEv [QtGui]
_ZNK9QListView8wordWrapEv [QtXml]	_ZNK9QListView9batchSizeEv [QtXml]
_ZNK9QTextEdit10cursorRectERK11QTextCursor [QtGui]	_ZNK9QTextEdit10cursorRectEv [QtGui]
_ZNK9QTextEdit10fontFamilyEv [QtGui]	_ZNK9QTextEdit10fontItalicEv [QtGui]
_ZNK9QTextEdit10fontWeightEv [QtGui]	_ZNK9QTextEdit10isReadOnlyEv [QtGui]
_ZNK9QTextEdit10metaObjectEv [QtGui]	_ZNK9QTextEdit10textCursorEv [QtGui]
_ZNK9QTextEdit10textFormatEv [QtGui]	_ZNK9QTextEdit11currentFontEv [QtGui]
_ZNK9QTextEdit11cursorWidthEv [QtXml]	_ZNK9QTextEdit12lineWrapModeEv [QtGui]
_ZNK9QTextEdit12tabStopWidthEv [QtGui]	_ZNK9QTextEdit12wordWrapModeEv [QtGui]
_ZNK9QTextEdit13fontPointSizeEv [QtGui]	_ZNK9QTextEdit13fontUnderlineEv [QtGui]
_ZNK9QTextEdit13overwriteModeEv [QtGui]	_ZNK9QTextEdit14acceptRichTextEv [QtGui]
_ZNK9QTextEdit14autoFormattingEv [QtGui]	_ZNK9QTextEdit15extraSelectionsEv [QtXml]
_ZNK9QTextEdit15tabChangesFocusEv [QtGui]	_ZNK9QTextEdit16inputMethodQueryEN2Qt16InputMethodQueryE [QtGui]
_ZNK9QTextEdit17currentCharFormatEv [QtGui]	_ZNK9QTextEdit17cursorForPositionERK6QPoint [QtGui]
_ZNK9QTextEdit20textInteractionFlagsEv [QtXml]	_ZNK9QTextEdit21canInsertFromMimeDataEPK9QMimeData [QtGui]
_ZNK9QTextEdit21lineWrapColumnOrWidthEv [QtGui]	_ZNK9QTextEdit27createMimeDataFromSelectionEv [QtGui]
_ZNK9QTextEdit4textEv [QtGui]	_ZNK9QTextEdit8anchorAtERK6QPoint [QtGui]
_ZNK9QTextEdit8canPasteEv [QtXml]	_ZNK9QTextEdit8documentEv [QtGui]
_ZNK9QTextEdit9alignmentEv [QtGui]	_ZNK9QTextEdit9textColorEv [QtGui]

_ZlsR11QDataStreamRK15QListWidgetItem [QtGui]	_ZrsR11QDataStreamR15QListWidgetItem [QtGui]

17.4.22 Qt4 Drag and Drop

17.4.22.1 Class data for QMimeSource

The virtual table for the QMimeSource class is described by Table 17-470

Table 17-470 Primary vtable for QMimeSource

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMimeSource
vfunc[0]:	QMimeSource::~QMimeSource()
vfunc[1]:	QMimeSource::~QMimeSource()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	QMimeSource::provides(char const*) const
vfunc[4]:	__cxa_pure_virtual

The Run Time Type Information for the QMimeSource class is described by Table 17-471

Table 17-471 typeinfo for QMimeSource

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QMimeSource

17.4.22.2 Class data for QDrag

The virtual table for the QDrag class is described by Table 17-472

Table 17-472 Primary vtable for QDrag

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDrag
vfunc[0]:	QDrag::metaObject() const
vfunc[1]:	QDrag::qt_metacast(char const*)
vfunc[2]:	QDrag::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QDrag::~QDrag()
vfunc[4]:	QDrag::~QDrag()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)

vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QDrag class is described by Table 17-473

Table 17-473 typeinfo for QDrag

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDrag
basetype:	typeinfo for QObject

17.4.22.3 Class data for QDropEvent

The virtual table for the QDropEvent class is described by Table 17-474

Table 17-474 Primary vtable for QDropEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDropEvent
vfunc[0]:	QDropEvent::~QDropEvent()
vfunc[1]:	QDropEvent::~QDropEvent()
vfunc[2]:	QDropEvent::format(int) const
vfunc[3]:	QDropEvent::encodedData(char const*) const
vfunc[4]:	QDropEvent::provides(char const*) const

The Run Time Type Information for the QDropEvent class is described by Table 17-475

Table 17-475 typeinfo for QDropEvent

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QDropEvent	
flags:	0	
basetype:	typeinfo for QEvent	2
basetype:	typeinfo for QMimeSource	3074

17.4.22.4 Class data for QDragMoveEvent

The virtual table for the QDragMoveEvent class is described by Table 17-476

Table 17-476 Primary vtable for QDragMoveEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDragMoveEvent
vfunc[0]:	QDragMoveEvent::~QDragMoveEvent()
vfunc[1]:	QDragMoveEvent::~QDragMoveEvent()
vfunc[2]:	QDropEvent::format(int) const
vfunc[3]:	QDropEvent::encodedData(char const*) const
vfunc[4]:	QDropEvent::provides(char const*) const

The Run Time Type Information for the QDragMoveEvent class is described by Table 17-477

Table 17-477 typeinfo for QDragMoveEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragMoveEvent
basetype:	typeinfo for QDropEvent

17.4.22.5 Class data for QDragEnterEvent

The virtual table for the QDragEnterEvent class is described by Table 17-478

Table 17-478 Primary vtable for QDragEnterEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDragEnterEvent
vfunc[0]:	QDragEnterEvent::~QDragEnterEvent()
vfunc[1]:	QDragEnterEvent::~QDragEnterEvent()
vfunc[2]:	QDropEvent::format(int) const
vfunc[3]:	QDropEvent::encodedData(char const*) const
vfunc[4]:	QDropEvent::provides(char const*) const

The Run Time Type Information for the QDragEnterEvent class is described by Table 17-479

Table 17-479 typeinfo for QDragEnterEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragEnterEvent

basetype:	typeinfo for QDragMoveEvent

17.4.22.6 Class data for QDragResponseEvent

The virtual table for the QDragResponseEvent class is described by Table 17-480

Table 17-480 Primary vtable for QDragResponseEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDragResponseEvent
vfunc[0]:	QDragResponseEvent::~QDragResponseEvent()
vfunc[1]:	QDragResponseEvent::~QDragResponseEvent()

The Run Time Type Information for the QDragResponseEvent class is described by Table 17-481

Table 17-481 typeinfo for QDragResponseEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragResponseEvent
basetype:	typeinfo for QEvent

17.4.22.7 Class data for QDragLeaveEvent

The virtual table for the QDragLeaveEvent class is described by Table 17-482

Table 17-482 Primary vtable for QDragLeaveEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDragLeaveEvent
vfunc[0]:	QDragLeaveEvent::~QDragLeaveEvent()
vfunc[1]:	QDragLeaveEvent::~QDragLeaveEvent()

The Run Time Type Information for the QDragLeaveEvent class is described by Table 17-483

Table 17-483 typeinfo for QDragLeaveEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragLeaveEvent
basetype:	typeinfo for QEvent

17.4.22.8 Interfaces for Qt4 Drag and Drop

An LSB conforming implementation shall provide the generic functions for Qt4

Drag and Drop specified in Table 17-484, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-484 libQtGui - Qt4 Drag and Drop Function Interfaces

_ZN10QDropEvent13setDropActionEN2Qt10DropActionE [QtGui]	_ZN10QDropEventC1ERK6QPoint6QFlagsIN2Qt10DropActionEEPK9QMimeDataS3_INS4_11MouseButtonEES3_INS4_16KeyboardModifierEEN6QEvent4TypeE [QtGui]
_ZN10QDropEventC2ERK6QPoint6QFlagsIN2Qt10DropActionEEPK9QMimeDataS3_INS4_11MouseButtonEES3_INS4_16KeyboardModifierEEN6QEvent4TypeE [QtGui]	_ZN10QDropEventD0Ev [QtGui]
_ZN10QDropEventD1Ev [QtGui]	_ZN10QDropEventD2Ev [QtGui]
_ZN11QMimeSourceD0Ev [QtGui]	_ZN11QMimeSourceD1Ev [QtGui]
_ZN11QMimeSourceD2Ev [QtGui]	_ZN14QDragMoveEventC1ERK6QPoint6QFlagsIN2Qt10DropActionEEPK9QMimeDataS3_INS4_11MouseButtonEES3_INS4_16KeyboardModifierEEN6QEvent4TypeE [QtGui]
_ZN14QDragMoveEventC2ERK6QPoint6QFlagsIN2Qt10DropActionEEPK9QMimeDataS3_INS4_11MouseButtonEES3_INS4_16KeyboardModifierEEN6QEvent4TypeE [QtGui]	_ZN14QDragMoveEventD0Ev [QtGui]
_ZN14QDragMoveEventD1Ev [QtGui]	_ZN14QDragMoveEventD2Ev [QtGui]
_ZN15QDragEnterEventC1ERK6QPoint6QFlagsIN2Qt10DropActionEEPK9QMimeDataS3_INS4_11MouseButtonEES3_INS4_16KeyboardModifierEE [QtGui]	_ZN15QDragEnterEventC2ERK6QPoint6QFlagsIN2Qt10DropActionEEPK9QMimeDataS3_INS4_11MouseButtonEES3_INS4_16KeyboardModifierEE [QtGui]
_ZN15QDragEnterEventD0Ev [QtGui]	_ZN15QDragEnterEventD1Ev [QtGui]
_ZN15QDragEnterEventD2Ev [QtGui]	_ZN15QDragLeaveEventC1Ev [QtGui]
_ZN15QDragLeaveEventC2Ev [QtGui]	_ZN15QDragLeaveEventD0Ev [QtGui]
_ZN15QDragLeaveEventD1Ev [QtGui]	_ZN15QDragLeaveEventD2Ev [QtGui]
_ZN18QDragResponseEventC1Eb [QtGui]	_ZN18QDragResponseEventC2Eb [QtGui]
_ZN18QDragResponseEventD0Ev [QtGui]	_ZN18QDragResponseEventD1Ev [QtGui]
_ZN18QDragResponseEventD2Ev [QtGui]	_ZN5QDrag10setHotSpotERK6QPoint [QtGui]
_ZN5QDrag11qt_metacallEN11QMe	_ZN5QDrag11qt_metacastEPKc

taObject4CallEiPPv [QtGui]	[QtGui]
_ZN5QDrag11setMimeDataEP9QMimeData [QtGui]	_ZN5QDrag13actionChangedEN2Qt10DropActionE [QtGui]
_ZN5QDrag13setDragCursorERK7QPixmapN2Qt10DropActionE [QtGui]	_ZN5QDrag13targetChangedEP7QWidget [QtGui]
_ZN5QDrag5startE6QFlagsIN2Qt10DropActionEE [QtGui]	_ZN5QDrag9setPixmapERK7QPixmap [QtGui]
_ZN5QDragC1EP7QWidget [QtGui]	_ZN5QDragC2EP7QWidget [QtGui]
_ZN5QDragD0Ev [QtGui]	_ZN5QDragD1Ev [QtGui]
_ZN5QDragD2Ev [QtGui]	_ZNK10QDropEvent11encodedDataEPKc [QtGui]
_ZNK10QDropEvent6actionEv [QtGui]	_ZNK10QDropEvent6formatEi [QtGui]
_ZNK10QDropEvent6sourceEv [QtGui]	_ZNK10QDropEvent8providesEPKc [QtGui]
_ZNK11QMimeSource8providesEPKc [QtGui]	_ZNK5QDrag10metaObjectEv [QtGui]
_ZNK5QDrag6pixmapEv [QtGui]	_ZNK5QDrag6sourceEv [QtGui]
_ZNK5QDrag6targetEv [QtGui]	_ZNK5QDrag7hotSpotEv [QtGui]
_ZNK5QDrag8mimeDataEv [QtGui]	

17.4.23 Qt4 2D Graphics

17.4.23.1 Class data for QIconEngineFactoryInterface

The virtual table for the QIconEngineFactoryInterface class is described by Table 17-485

Table 17-485 Primary vtable for QIconEngineFactoryInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIconEngineFactoryInterface
vfunc[0]:	NULL or QIconEngineFactoryInterface::~QIconEngineFactoryInterface()
vfunc[1]:	NULL or QIconEngineFactoryInterface::~QIconEngineFactoryInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QIconEngineFactoryInterface class is described by Table 17-486

Table 17-486 typeinfo for QIconEngineFactoryInterface

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QIconEngineFactoryInterface
basetype:	typeinfo for QFactoryInterface

17.4.23.2 Class data for QIconEngine

The virtual table for the QIconEngine class is described by Table 17-487

Table 17-487 Primary vtable for QIconEngine

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIconEngine
vfunc[0]:	QIconEngine::~QIconEngine()
vfunc[1]:	QIconEngine::~QIconEngine()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	QIconEngine::actualSize(QSize const&, QIcon::Mode, QIcon::State)
vfunc[4]:	QIconEngine::pixmap(QSize const&, QIcon::Mode, QIcon::State)
vfunc[5]:	QIconEngine::addPixmap(QPixmap const&, QIcon::Mode, QIcon::State)
vfunc[6]:	QIconEngine::addFile(QString const&, QSize const&, QIcon::Mode, QIcon::State)

The Run Time Type Information for the QIconEngine class is described by Table 17-488

Table 17-488 typeinfo for QIconEngine

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QIconEngine

17.4.23.3 Class data for QPaintEngine

The virtual table for the QPaintEngine class is described by Table 17-489

Table 17-489 Primary vtable for QPaintEngine

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPaintEngine
vfunc[0]:	QPaintEngine::~QPaintEngine()
vfunc[1]:	QPaintEngine::~QPaintEngine()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual

vfunc[5]:	QPaintEngine::drawRects(QRect const*, int)
vfunc[6]:	QPaintEngine::drawRects(QRectF const*, int)
vfunc[7]:	QPaintEngine::drawLines(QLine const*, int)
vfunc[8]:	QPaintEngine::drawLines(QLineF const*, int)
vfunc[9]:	QPaintEngine::drawEllipse(QRectF const&)
vfunc[10]:	QPaintEngine::drawEllipse(QRect const&)
vfunc[11]:	QPaintEngine::drawPath(QPainterPath const&)
vfunc[12]:	QPaintEngine::drawPoints(QPointF const*, int)
vfunc[13]:	QPaintEngine::drawPoints(QPoint const*, int)
vfunc[14]:	QPaintEngine::drawPolygon(QPointF const*, int, QPaintEngine::PolygonDrawMode)
vfunc[15]:	QPaintEngine::drawPolygon(QPoint const*, int, QPaintEngine::PolygonDrawMode)
vfunc[16]:	__cxa_pure_virtual
vfunc[17]:	QPaintEngine::drawTextItem(QPointF const&, QTextItem const&)
vfunc[18]:	QPaintEngine::drawTiledPixmap(QRectF const&, QPixmap const&, QPointF const&)
vfunc[19]:	QPaintEngine::drawImage(QRectF const&, QImage const&, QRectF const&, QFlags<Qt::ImageConversionFlag>)
vfunc[20]:	QPaintEngine::coordinateOffset() const
vfunc[21]:	__cxa_pure_virtual

The Run Time Type Information for the QPaintEngine class is described by Table 17-490

Table 17-490 typeinfo for QPaintEngine

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QPaintEngine

17.4.23.4 Class data for QGraphicsEllipseItem

The virtual table for the QGraphicsEllipseItem class is described by Table 17-491

Table 17-491 Primary vtable for QGraphicsEllipseItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsEllipseItem
vfunc[0]:	QGraphicsEllipseItem::~QGraphicsEllipseItem()
vfunc[1]:	QGraphicsEllipseItem::~QGraphicsEllipseItem()
vfunc[2]:	QGraphicsItem::advance(int)
vfunc[3]:	QGraphicsEllipseItem::boundingRect() const
vfunc[4]:	QGraphicsEllipseItem::shape() const
vfunc[5]:	QGraphicsEllipseItem::contains(QPointF const&) const
vfunc[6]:	QGraphicsItem::collidesWithItem(QGraphicsItem const*, Qt::ItemSelectionMode) const
vfunc[7]:	QGraphicsItem::collidesWithPath(QPainterPath const&, Qt::ItemSelectionMode) const
vfunc[8]:	QGraphicsEllipseItem::isObscuredBy(QGraphicsItem const*) const
vfunc[9]:	QGraphicsEllipseItem::opaqueArea() const
vfunc[10]:	QGraphicsEllipseItem::paint(QPainter*, QStyleOptionGraphicsItem const*, QWidget*)
vfunc[11]:	QGraphicsEllipseItem::type() const
vfunc[12]:	QGraphicsItem::sceneEventFilter(QGraphicsItem*, QEvent*)
vfunc[13]:	QGraphicsItem::sceneEvent(QEvent*)
vfunc[14]:	QGraphicsItem::contextMenuEvent(QGraphicsSceneContextMenuEvent*)
vfunc[15]:	QGraphicsItem::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsItem::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsItem::dragMoveEvent(QGraphicsSceneDragDropEvent*)
vfunc[18]:	QGraphicsItem::dropEvent(QGraphicsSceneDragDropEvent*)

vfunc[19]:	QGraphicsItem::focusInEvent(QFocusEvent*)
vfunc[20]:	QGraphicsItem::focusOutEvent(QFocusEvent*)
vfunc[21]:	QGraphicsItem::hoverEnterEvent(QGraphicsSceneHoverEvent*)
vfunc[22]:	QGraphicsItem::hoverMoveEvent(QGraphicsSceneHoverEvent*)
vfunc[23]:	QGraphicsItem::hoverLeaveEvent(QGraphicsSceneHoverEvent*)
vfunc[24]:	QGraphicsItem::keyPressEvent(QKeyEvent*)
vfunc[25]:	QGraphicsItem::keyReleaseEvent(QKeyEvent*)
vfunc[26]:	QGraphicsItem::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsItem::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[28]:	QGraphicsItem::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[29]:	QGraphicsItem::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[30]:	QGraphicsItem::wheelEvent(QGraphicsSceneWheelEvent*)
vfunc[31]:	QGraphicsItem::inputMethodEvent(QInputMethodEvent*)
vfunc[32]:	QGraphicsItem::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[33]:	QGraphicsItem::itemChange(QGraphicsItem::GraphicsItemChange, QVariant const&)
vfunc[34]:	QGraphicsEllipseItem::supportsExtension(QGraphicsItem::Extension) const
vfunc[35]:	QGraphicsEllipseItem::setExtension(QGraphicsItem::Extension, QVariant const&)
vfunc[36]:	QGraphicsEllipseItem::extension(QVariant const&) const

17.4.23.5 Class data for QGraphicsItem

The virtual table for the QGraphicsItem class is described by Table 17-492

Table 17-492 Primary vtable for QGraphicsItem

Base Offset	0
Virtual Base Offset	0

RTTI	typeinfo for QGraphicsItem
vfunc[0]:	QGraphicsItem::~QGraphicsItem()
vfunc[1]:	QGraphicsItem::~QGraphicsItem()
vfunc[2]:	QGraphicsItem::advance(int)
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	QGraphicsItem::shape() const
vfunc[5]:	QGraphicsItem::contains(QPointF const&) const
vfunc[6]:	QGraphicsItem::collidesWithItem(QGraphicsItem const*, Qt::ItemSelectionMode) const
vfunc[7]:	QGraphicsItem::collidesWithPath(QPainterPath const&, Qt::ItemSelectionMode) const
vfunc[8]:	QGraphicsItem::isObscuredBy(QGraphicsItem const*) const
vfunc[9]:	QGraphicsItem::opaqueArea() const
vfunc[10]:	__cxa_pure_virtual
vfunc[11]:	QGraphicsItem::type() const
vfunc[12]:	QGraphicsItem::sceneEventFilter(QGraphicsItem*, QEvent*)
vfunc[13]:	QGraphicsItem::sceneEvent(QEvent*)
vfunc[14]:	QGraphicsItem::contextMenuEvent(QGraphicsSceneContextMenuEvent*)
vfunc[15]:	QGraphicsItem::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsItem::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsItem::dragMoveEvent(QGraphicsSceneDragDropEvent*)
vfunc[18]:	QGraphicsItem::dropEvent(QGraphicsSceneDragDropEvent*)
vfunc[19]:	QGraphicsItem::focusInEvent(QFocusEvent*)
vfunc[20]:	QGraphicsItem::focusOutEvent(QFocusEvent*)
vfunc[21]:	QGraphicsItem::hoverEnterEvent(QGraphicsSceneHoverEvent*)
vfunc[22]:	QGraphicsItem::hoverMoveEvent(QGraphicsSceneHoverEvent*)
vfunc[23]:	QGraphicsItem::hoverLeaveEvent(QGraphicsSceneHoverEvent*)
vfunc[24]:	QGraphicsItem::keyPressEvent(QKe

	yEvent*)
vfunc[25]:	QGraphicsItem::keyReleaseEvent(QKeyEvent*)
vfunc[26]:	QGraphicsItem::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsItem::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[28]:	QGraphicsItem::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[29]:	QGraphicsItem::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[30]:	QGraphicsItem::wheelEvent(QGraphicsSceneWheelEvent*)
vfunc[31]:	QGraphicsItem::inputMethodEvent(QInputMethodEvent*)
vfunc[32]:	QGraphicsItem::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[33]:	QGraphicsItem::itemChange(QGraphicsItem::GraphicsItemChange, QVariant const&)
vfunc[34]:	QGraphicsItem::supportsExtension(QGraphicsItem::Extension) const
vfunc[35]:	QGraphicsItem::setExtension(QGraphicsItem::Extension, QVariant const&)
vfunc[36]:	QGraphicsItem::extension(QVariant const&) const

17.4.23.6 Class data for QGraphicsItemAnimation

The virtual table for the QGraphicsItemAnimation class is described by Table 17-493

Table 17-493 Primary vtable for QGraphicsItemAnimation

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsItemAnimation
vfunc[0]:	QGraphicsItemAnimation::metaObject() const
vfunc[1]:	QGraphicsItemAnimation::qt_metacast(char const*)
vfunc[2]:	QGraphicsItemAnimation::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QGraphicsItemAnimation::~QGraphicsItemAnimation()
vfunc[4]:	QGraphicsItemAnimation::~QGraph

	icsItemAnimation()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QGraphicsItemAnimation::beforeAnimationStep(double)
vfunc[13]:	QGraphicsItemAnimation::afterAnimationStep(double)

17.4.23.7 Class data for QGraphicsItemGroup

The virtual table for the QGraphicsItemGroup class is described by Table 17-494

Table 17-494 Primary vtable for QGraphicsItemGroup

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsItemGroup
vfunc[0]:	QGraphicsItemGroup::~QGraphicsItemGroup()
vfunc[1]:	QGraphicsItemGroup::~QGraphicsItemGroup()
vfunc[2]:	QGraphicsItem::advance(int)
vfunc[3]:	QGraphicsItemGroup::boundingRect() const
vfunc[4]:	QGraphicsItem::shape() const
vfunc[5]:	QGraphicsItem::contains(QPointF const&) const
vfunc[6]:	QGraphicsItem::collidesWithItem(QGraphicsItem const*, Qt::ItemSelectionMode) const
vfunc[7]:	QGraphicsItem::collidesWithPath(QPainterPath const&, Qt::ItemSelectionMode) const
vfunc[8]:	QGraphicsItemGroup::isObscuredBy(QGraphicsItem const*) const
vfunc[9]:	QGraphicsItemGroup::opaqueArea() const
vfunc[10]:	QGraphicsItemGroup::paint(QPainter*, QStyleOptionGraphicsItem const*, QWidget*)

vfunc[11]:	QGraphicsItemGroup::type() const
vfunc[12]:	QGraphicsItem::sceneEventFilter(QGraphicsItem*, QEvent*)
vfunc[13]:	QGraphicsItem::sceneEvent(QEvent*)
vfunc[14]:	QGraphicsItem::contextMenuEvent(QGraphicsSceneContextMenuEvent*)
vfunc[15]:	QGraphicsItem::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsItem::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsItem::dragMoveEvent(QGraphicsSceneDragDropEvent*)
vfunc[18]:	QGraphicsItem::dropEvent(QGraphicsSceneDragDropEvent*)
vfunc[19]:	QGraphicsItem::focusInEvent(QFocusEvent*)
vfunc[20]:	QGraphicsItem::focusOutEvent(QFocusEvent*)
vfunc[21]:	QGraphicsItem::hoverEnterEvent(QGraphicsSceneHoverEvent*)
vfunc[22]:	QGraphicsItem::hoverMoveEvent(QGraphicsSceneHoverEvent*)
vfunc[23]:	QGraphicsItem::hoverLeaveEvent(QGraphicsSceneHoverEvent*)
vfunc[24]:	QGraphicsItem::keyPressEvent(QKeyEvent*)
vfunc[25]:	QGraphicsItem::keyReleaseEvent(QKeyEvent*)
vfunc[26]:	QGraphicsItem::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsItem::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[28]:	QGraphicsItem::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[29]:	QGraphicsItem::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[30]:	QGraphicsItem::wheelEvent(QGraphicsSceneWheelEvent*)
vfunc[31]:	QGraphicsItem::inputMethodEvent(QInputMethodEvent*)
vfunc[32]:	QGraphicsItem::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[33]:	QGraphicsItem::itemChange(QGraphicsItem::GraphicsItemChange,

	QVariant const&)
vfunc[34]:	QGraphicsItem::supportsExtension(QGraphicsItem::Extension) const
vfunc[35]:	QGraphicsItem::setExtension(QGraphicsItem::Extension, QVariant const&)
vfunc[36]:	QGraphicsItem::extension(QVariant const&) const

17.4.23.8 Class data for QGraphicsLineItem

The virtual table for the QGraphicsLineItem class is described by Table 17-495

Table 17-495 Primary vtable for QGraphicsLineItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsLineItem
vfunc[0]:	QGraphicsLineItem::~QGraphicsLineItem()
vfunc[1]:	QGraphicsLineItem::~QGraphicsLineItem()
vfunc[2]:	QGraphicsItem::advance(int)
vfunc[3]:	QGraphicsLineItem::boundingRect() const
vfunc[4]:	QGraphicsLineItem::shape() const
vfunc[5]:	QGraphicsLineItem::contains(QPointF const&) const
vfunc[6]:	QGraphicsItem::collidesWithItem(QGraphicsItem const*, Qt::ItemSelectionMode) const
vfunc[7]:	QGraphicsItem::collidesWithPath(QPainterPath const&, Qt::ItemSelectionMode) const
vfunc[8]:	QGraphicsLineItem::isObscuredBy(QGraphicsItem const*) const
vfunc[9]:	QGraphicsLineItem::opaqueArea() const
vfunc[10]:	QGraphicsLineItem::paint(QPainter*, QStyleOptionGraphicsItem const*, QWidget*)
vfunc[11]:	QGraphicsLineItem::type() const
vfunc[12]:	QGraphicsItem::sceneEventFilter(QGraphicsItem*, QEvent*)
vfunc[13]:	QGraphicsItem::sceneEvent(QEvent*)
vfunc[14]:	QGraphicsItem::contextMenuEvent(QGraphicsSceneContextMenuEvent*

	)
vfunc[15]:	QGraphicsItem::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsItem::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsItem::dragMoveEvent(QGraphicsSceneDragDropEvent*)
vfunc[18]:	QGraphicsItem::dropEvent(QGraphicsSceneDragDropEvent*)
vfunc[19]:	QGraphicsItem::focusInEvent(QFocusEvent*)
vfunc[20]:	QGraphicsItem::focusOutEvent(QFocusEvent*)
vfunc[21]:	QGraphicsItem::hoverEnterEvent(QGraphicsSceneHoverEvent*)
vfunc[22]:	QGraphicsItem::hoverMoveEvent(QGraphicsSceneHoverEvent*)
vfunc[23]:	QGraphicsItem::hoverLeaveEvent(QGraphicsSceneHoverEvent*)
vfunc[24]:	QGraphicsItem::keyPressEvent(QKeyEvent*)
vfunc[25]:	QGraphicsItem::keyReleaseEvent(QKeyEvent*)
vfunc[26]:	QGraphicsItem::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsItem::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[28]:	QGraphicsItem::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[29]:	QGraphicsItem::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[30]:	QGraphicsItem::wheelEvent(QGraphicsSceneWheelEvent*)
vfunc[31]:	QGraphicsItem::inputMethodEvent(QInputMethodEvent*)
vfunc[32]:	QGraphicsItem::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[33]:	QGraphicsItem::itemChange(QGraphicsItem::GraphicsItemChange, QVariant const&)
vfunc[34]:	QGraphicsLineItem::supportsExtension(QGraphicsItem::Extension) const
vfunc[35]:	QGraphicsLineItem::setExtension(QGraphicsItem::Extension, QVariant const&)
vfunc[36]:	QGraphicsLineItem::extension(QVar

© 2008 Linux Foundation

	iant const&) const

17.4.23.9 Class data for QGraphicsPathItem

The virtual table for the QGraphicsPathItem class is described by Table 17-496

Table 17-496 Primary vtable for QGraphicsPathItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsPathItem
vfunc[0]:	QGraphicsPathItem::~QGraphicsPathItem()
vfunc[1]:	QGraphicsPathItem::~QGraphicsPathItem()
vfunc[2]:	QGraphicsItem::advance(int)
vfunc[3]:	QGraphicsPathItem::boundingRect() const
vfunc[4]:	QGraphicsPathItem::shape() const
vfunc[5]:	QGraphicsPathItem::contains(QPointF const&) const
vfunc[6]:	QGraphicsItem::collidesWithItem(QGraphicsItem const*, Qt::ItemSelectionMode) const
vfunc[7]:	QGraphicsItem::collidesWithPath(QPainterPath const&, Qt::ItemSelectionMode) const
vfunc[8]:	QGraphicsPathItem::isObscuredBy(QGraphicsItem const*) const
vfunc[9]:	QGraphicsPathItem::opaqueArea() const
vfunc[10]:	QGraphicsPathItem::paint(QPainter*, QStyleOptionGraphicsItem const*, QWidget*)
vfunc[11]:	QGraphicsPathItem::type() const
vfunc[12]:	QGraphicsItem::sceneEventFilter(QGraphicsItem*, QEvent*)
vfunc[13]:	QGraphicsItem::sceneEvent(QEvent*)
vfunc[14]:	QGraphicsItem::contextMenuEvent(QGraphicsSceneContextMenuEvent*)
vfunc[15]:	QGraphicsItem::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsItem::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsItem::dragMoveEvent(QGraphicsSceneDragDropEvent*)

vfunc[18]:	QGraphicsItem::dropEvent(QGraphicsSceneDragDropEvent*)
vfunc[19]:	QGraphicsItem::focusInEvent(QFocusEvent*)
vfunc[20]:	QGraphicsItem::focusOutEvent(QFocusEvent*)
vfunc[21]:	QGraphicsItem::hoverEnterEvent(QGraphicsSceneHoverEvent*)
vfunc[22]:	QGraphicsItem::hoverMoveEvent(QGraphicsSceneHoverEvent*)
vfunc[23]:	QGraphicsItem::hoverLeaveEvent(QGraphicsSceneHoverEvent*)
vfunc[24]:	QGraphicsItem::keyPressEvent(QKeyEvent*)
vfunc[25]:	QGraphicsItem::keyReleaseEvent(QKeyEvent*)
vfunc[26]:	QGraphicsItem::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsItem::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[28]:	QGraphicsItem::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[29]:	QGraphicsItem::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[30]:	QGraphicsItem::wheelEvent(QGraphicsSceneWheelEvent*)
vfunc[31]:	QGraphicsItem::inputMethodEvent(QInputMethodEvent*)
vfunc[32]:	QGraphicsItem::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[33]:	QGraphicsItem::itemChange(QGraphicsItem::GraphicsItemChange, QVariant const&)
vfunc[34]:	QGraphicsPathItem::supportsExtension(QGraphicsItem::Extension) const
vfunc[35]:	QGraphicsPathItem::setExtension(QGraphicsItem::Extension, QVariant const&)
vfunc[36]:	QGraphicsPathItem::extension(QVariant const&) const

17.4.23.10 Class data for QGraphicsPixmapItem

The virtual table for the QGraphicsPixmapItem class is described by Table 17-497

© 2008 Linux Foundation

Table 17-497 Primary vtable for QGraphicsPixmapItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsPixmapItem
vfunc[0]:	QGraphicsPixmapItem::~QGraphicsPixmapItem()
vfunc[1]:	QGraphicsPixmapItem::~QGraphicsPixmapItem()
vfunc[2]:	QGraphicsItem::advance(int)
vfunc[3]:	QGraphicsPixmapItem::boundingRect() const
vfunc[4]:	QGraphicsPixmapItem::shape() const
vfunc[5]:	QGraphicsPixmapItem::contains(QPointF const&) const
vfunc[6]:	QGraphicsItem::collidesWithItem(QGraphicsItem const*, Qt::ItemSelectionMode) const
vfunc[7]:	QGraphicsItem::collidesWithPath(QPainterPath const&, Qt::ItemSelectionMode) const
vfunc[8]:	QGraphicsPixmapItem::isObscuredBy(QGraphicsItem const*) const
vfunc[9]:	QGraphicsPixmapItem::opaqueArea() const
vfunc[10]:	QGraphicsPixmapItem::paint(QPainter*, QStyleOptionGraphicsItem const*, QWidget*)
vfunc[11]:	QGraphicsPixmapItem::type() const
vfunc[12]:	QGraphicsItem::sceneEventFilter(QGraphicsItem*, QEvent*)
vfunc[13]:	QGraphicsItem::sceneEvent(QEvent*)
vfunc[14]:	QGraphicsItem::contextMenuEvent(QGraphicsSceneContextMenuEvent*)
vfunc[15]:	QGraphicsItem::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsItem::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsItem::dragMoveEvent(QGraphicsSceneDragDropEvent*)
vfunc[18]:	QGraphicsItem::dropEvent(QGraphicsSceneDragDropEvent*)
vfunc[19]:	QGraphicsItem::focusInEvent(QFocusEvent*)

vfunc[20]:	QGraphicsItem::focusOutEvent(QFocusEvent*)
vfunc[21]:	QGraphicsItem::hoverEnterEvent(QGraphicsSceneHoverEvent*)
vfunc[22]:	QGraphicsItem::hoverMoveEvent(QGraphicsSceneHoverEvent*)
vfunc[23]:	QGraphicsItem::hoverLeaveEvent(QGraphicsSceneHoverEvent*)
vfunc[24]:	QGraphicsItem::keyPressEvent(QKeyEvent*)
vfunc[25]:	QGraphicsItem::keyReleaseEvent(QKeyEvent*)
vfunc[26]:	QGraphicsItem::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsItem::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[28]:	QGraphicsItem::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[29]:	QGraphicsItem::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[30]:	QGraphicsItem::wheelEvent(QGraphicsSceneWheelEvent*)
vfunc[31]:	QGraphicsItem::inputMethodEvent(QInputMethodEvent*)
vfunc[32]:	QGraphicsItem::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[33]:	QGraphicsItem::itemChange(QGraphicsItem::GraphicsItemChange, QVariant const&)
vfunc[34]:	QGraphicsPixmapItem::supportsExtension(QGraphicsItem::Extension) const
vfunc[35]:	QGraphicsPixmapItem::setExtension(QGraphicsItem::Extension, QVariant const&)
vfunc[36]:	QGraphicsPixmapItem::extension(QVariant const&) const

17.4.23.11 Class data for QGraphicsPolygonItem

The virtual table for the QGraphicsPolygonItem class is described by Table 17-498

Table 17-498 Primary vtable for QGraphicsPolygonItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsPolygonItem

vfunc[0]:	QGraphicsPolygonItem::~QGraphicsPolygonItem()
vfunc[1]:	QGraphicsPolygonItem::~QGraphicsPolygonItem()
vfunc[2]:	QGraphicsItem::advance(int)
vfunc[3]:	QGraphicsPolygonItem::boundingRect() const
vfunc[4]:	QGraphicsPolygonItem::shape() const
vfunc[5]:	QGraphicsPolygonItem::contains(QPointF const&) const
vfunc[6]:	QGraphicsItem::collidesWithItem(QGraphicsItem const*, Qt::ItemSelectionMode) const
vfunc[7]:	QGraphicsItem::collidesWithPath(QPainterPath const&, Qt::ItemSelectionMode) const
vfunc[8]:	QGraphicsPolygonItem::isObscuredBy(QGraphicsItem const*) const
vfunc[9]:	QGraphicsPolygonItem::opaqueArea() const
vfunc[10]:	QGraphicsPolygonItem::paint(QPainter*, QStyleOptionGraphicsItem const*, QWidget*)
vfunc[11]:	QGraphicsPolygonItem::type() const
vfunc[12]:	QGraphicsItem::sceneEventFilter(QGraphicsItem*, QEvent*)
vfunc[13]:	QGraphicsItem::sceneEvent(QEvent*)
vfunc[14]:	QGraphicsItem::contextMenuEvent(QGraphicsSceneContextMenuEvent*)
vfunc[15]:	QGraphicsItem::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsItem::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsItem::dragMoveEvent(QGraphicsSceneDragDropEvent*)
vfunc[18]:	QGraphicsItem::dropEvent(QGraphicsSceneDragDropEvent*)
vfunc[19]:	QGraphicsItem::focusInEvent(QFocusEvent*)
vfunc[20]:	QGraphicsItem::focusOutEvent(QFocusEvent*)
vfunc[21]:	QGraphicsItem::hoverEnterEvent(QGraphicsSceneHoverEvent*)

vfunc[22]:	QGraphicsItem::hoverMoveEvent(QGraphicsSceneHoverEvent*)
vfunc[23]:	QGraphicsItem::hoverLeaveEvent(QGraphicsSceneHoverEvent*)
vfunc[24]:	QGraphicsItem::keyPressEvent(QKeyEvent*)
vfunc[25]:	QGraphicsItem::keyReleaseEvent(QKeyEvent*)
vfunc[26]:	QGraphicsItem::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsItem::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[28]:	QGraphicsItem::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[29]:	QGraphicsItem::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[30]:	QGraphicsItem::wheelEvent(QGraphicsSceneWheelEvent*)
vfunc[31]:	QGraphicsItem::inputMethodEvent(QInputMethodEvent*)
vfunc[32]:	QGraphicsItem::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[33]:	QGraphicsItem::itemChange(QGraphicsItem::GraphicsItemChange, QVariant const&)
vfunc[34]:	QGraphicsPolygonItem::supportsExtension(QGraphicsItem::Extension) const
vfunc[35]:	QGraphicsPolygonItem::setExtension(QGraphicsItem::Extension, QVariant const&)
vfunc[36]:	QGraphicsPolygonItem::extension(QVariant const&) const

17.4.23.12 Class data for QGraphicsRectItem

The virtual table for the QGraphicsRectItem class is described by Table 17-499

Table 17-499 Primary vtable for QGraphicsRectItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsRectItem
vfunc[0]:	QGraphicsRectItem::~QGraphicsRectItem()
vfunc[1]:	QGraphicsRectItem::~QGraphicsRectItem()
vfunc[2]:	QGraphicsItem::advance(int)

vfunc[3]:	QGraphicsRectItem::boundingRect() const
vfunc[4]:	QGraphicsRectItem::shape() const
vfunc[5]:	QGraphicsRectItem::contains(QPointF const&) const
vfunc[6]:	QGraphicsItem::collidesWithItem(QGraphicsItem const*, Qt::ItemSelectionMode) const
vfunc[7]:	QGraphicsItem::collidesWithPath(QPainterPath const&, Qt::ItemSelectionMode) const
vfunc[8]:	QGraphicsRectItem::isObscuredBy(QGraphicsItem const*) const
vfunc[9]:	QGraphicsRectItem::opaqueArea() const
vfunc[10]:	QGraphicsRectItem::paint(QPainter*, QStyleOptionGraphicsItem const*, QWidget*)
vfunc[11]:	QGraphicsRectItem::type() const
vfunc[12]:	QGraphicsItem::sceneEventFilter(QGraphicsItem*, QEvent*)
vfunc[13]:	QGraphicsItem::sceneEvent(QEvent*)
vfunc[14]:	QGraphicsItem::contextMenuEvent(QGraphicsSceneContextMenuEvent*)
vfunc[15]:	QGraphicsItem::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsItem::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsItem::dragMoveEvent(QGraphicsSceneDragDropEvent*)
vfunc[18]:	QGraphicsItem::dropEvent(QGraphicsSceneDragDropEvent*)
vfunc[19]:	QGraphicsItem::focusInEvent(QFocusEvent*)
vfunc[20]:	QGraphicsItem::focusOutEvent(QFocusEvent*)
vfunc[21]:	QGraphicsItem::hoverEnterEvent(QGraphicsSceneHoverEvent*)
vfunc[22]:	QGraphicsItem::hoverMoveEvent(QGraphicsSceneHoverEvent*)
vfunc[23]:	QGraphicsItem::hoverLeaveEvent(QGraphicsSceneHoverEvent*)
vfunc[24]:	QGraphicsItem::keyPressEvent(QKeyEvent*)

vfunc[25]:	QGraphicsItem::keyReleaseEvent(QKeyEvent*)
vfunc[26]:	QGraphicsItem::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsItem::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[28]:	QGraphicsItem::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[29]:	QGraphicsItem::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[30]:	QGraphicsItem::wheelEvent(QGraphicsSceneWheelEvent*)
vfunc[31]:	QGraphicsItem::inputMethodEvent(QInputMethodEvent*)
vfunc[32]:	QGraphicsItem::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[33]:	QGraphicsItem::itemChange(QGraphicsItem::GraphicsItemChange, QVariant const&)
vfunc[34]:	QGraphicsRectItem::supportsExtension(QGraphicsItem::Extension) const
vfunc[35]:	QGraphicsRectItem::setExtension(QGraphicsItem::Extension, QVariant const&)
vfunc[36]:	QGraphicsRectItem::extension(QVariant const&) const

17.4.23.13 Class data for QGraphicsScene

The virtual table for the QGraphicsScene class is described by Table 17-500

Table 17-500 Primary vtable for QGraphicsScene

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsScene
vfunc[0]:	QGraphicsScene::metaObject() const
vfunc[1]:	QGraphicsScene::qt_metacast(char const*)
vfunc[2]:	QGraphicsScene::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QGraphicsScene::~QGraphicsScene()
vfunc[4]:	QGraphicsScene::~QGraphicsScene()
vfunc[5]:	QGraphicsScene::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)

© 2008 Linux Foundation

vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QGraphicsScene::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[13]:	QGraphicsScene::contextMenuEvent(QGraphicsSceneContextMenuEvent*)
vfunc[14]:	QGraphicsScene::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[15]:	QGraphicsScene::dragMoveEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsScene::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsScene::dropEvent(QGraphicsSceneDragDropEvent*)
vfunc[18]:	QGraphicsScene::focusInEvent(QFocusEvent*)
vfunc[19]:	QGraphicsScene::focusOutEvent(QFocusEvent*)
vfunc[20]:	QGraphicsScene::helpEvent(QGraphicsSceneHelpEvent*)
vfunc[21]:	QGraphicsScene::keyPressEvent(QKeyEvent*)
vfunc[22]:	QGraphicsScene::keyReleaseEvent(QKeyEvent*)
vfunc[23]:	QGraphicsScene::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[24]:	QGraphicsScene::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[25]:	QGraphicsScene::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[26]:	QGraphicsScene::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsScene::wheelEvent(QGraphicsSceneWheelEvent*)
vfunc[28]:	QGraphicsScene::inputMethodEvent(QInputMethodEvent*)
vfunc[29]:	QGraphicsScene::drawBackground(QPainter*, QRectF const&)
vfunc[30]:	QGraphicsScene::drawForeground(QPainter*, QRectF const&)
vfunc[31]:	QGraphicsScene::drawItems(QPaint

	er*, int, QGraphicsItem**, QStyleOptionGraphicsItem const*, QWidget*)

The Run Time Type Information for the QGraphicsScene class is described by Table 17-501

Table 17-501 typeinfo for QGraphicsScene

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGraphicsScene
basetype:	typeinfo for QObject

17.4.23.14 Class data for QGraphicsSceneContextMenuEvent

The virtual table for the QGraphicsSceneContextMenuEvent class is described by Table 17-502

Table 17-502 Primary vtable for QGraphicsSceneContextMenuEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsSceneContextMenuEvent
vfunc[0]:	QGraphicsSceneContextMenuEvent::~QGraphicsSceneContextMenuEvent()
vfunc[1]:	QGraphicsSceneContextMenuEvent::~QGraphicsSceneContextMenuEvent()

17.4.23.15 Class data for QGraphicsSceneDragDropEvent

The virtual table for the QGraphicsSceneDragDropEvent class is described by Table 17-503

Table 17-503 Primary vtable for QGraphicsSceneDragDropEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsSceneDragDropEvent
vfunc[0]:	QGraphicsSceneDragDropEvent::~QGraphicsSceneDragDropEvent()
vfunc[1]:	QGraphicsSceneDragDropEvent::~QGraphicsSceneDragDropEvent()

17.4.23.16 Class data for QGraphicsSceneEvent

The virtual table for the QGraphicsSceneEvent class is described by Table 17-504

Table 17-504 Primary vtable for QGraphicsSceneEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsSceneEvent
vfunc[0]:	QGraphicsSceneEvent::~QGraphicsSceneEvent()
vfunc[1]:	QGraphicsSceneEvent::~QGraphicsSceneEvent()

17.4.23.17 Class data for QGraphicsSceneHelpEvent

The virtual table for the QGraphicsSceneHelpEvent class is described by Table 17-505

Table 17-505 Primary vtable for QGraphicsSceneHelpEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsSceneHelpEvent
vfunc[0]:	QGraphicsSceneHelpEvent::~QGraphicsSceneHelpEvent()
vfunc[1]:	QGraphicsSceneHelpEvent::~QGraphicsSceneHelpEvent()

17.4.23.18 Class data for QGraphicsSceneHoverEvent

The virtual table for the QGraphicsSceneHoverEvent class is described by Table 17-506

Table 17-506 Primary vtable for QGraphicsSceneHoverEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsSceneHoverEvent
vfunc[0]:	QGraphicsSceneHoverEvent::~QGraphicsSceneHoverEvent()
vfunc[1]:	QGraphicsSceneHoverEvent::~QGraphicsSceneHoverEvent()

17.4.23.19 Class data for QGraphicsSceneMouseEvent

The virtual table for the QGraphicsSceneMouseEvent class is described by Table 17-507

Table 17-507 Primary vtable for QGraphicsSceneMouseEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsSceneMouseEvent

vfunc[0]:	QGraphicsSceneMouseEvent::~QGraphicsSceneMouseEvent()
vfunc[1]:	QGraphicsSceneMouseEvent::~QGraphicsSceneMouseEvent()

17.4.23.20 Class data for QGraphicsSceneWheelEvent

The virtual table for the QGraphicsSceneWheelEvent class is described by Table 17-508

Table 17-508 Primary vtable for QGraphicsSceneWheelEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsSceneWheelEvent
vfunc[0]:	QGraphicsSceneWheelEvent::~QGraphicsSceneWheelEvent()
vfunc[1]:	QGraphicsSceneWheelEvent::~QGraphicsSceneWheelEvent()

17.4.23.21 Class data for QGraphicsSimpleTextItem

The virtual table for the QGraphicsSimpleTextItem class is described by Table 17-509

Table 17-509 Primary vtable for QGraphicsSimpleTextItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGraphicsSimpleTextItem
vfunc[0]:	QGraphicsSimpleTextItem::~QGraphicsSimpleTextItem()
vfunc[1]:	QGraphicsSimpleTextItem::~QGraphicsSimpleTextItem()
vfunc[2]:	QGraphicsItem::advance(int)
vfunc[3]:	QGraphicsSimpleTextItem::boundingRect() const
vfunc[4]:	QGraphicsSimpleTextItem::shape() const
vfunc[5]:	QGraphicsSimpleTextItem::contains(QPointF const&) const
vfunc[6]:	QGraphicsItem::collidesWithItem(QGraphicsItem const*, Qt::ItemSelectionMode) const
vfunc[7]:	QGraphicsItem::collidesWithPath(QPainterPath const&, Qt::ItemSelectionMode) const
vfunc[8]:	QGraphicsSimpleTextItem::isObscur

© 2008 Linux Foundation

	edBy(QGraphicsItem const*) const
vfunc[9]:	QGraphicsSimpleTextItem::opaqueArea() const
vfunc[10]:	QGraphicsSimpleTextItem::paint(QPainter*, QStyleOptionGraphicsItem const*, QWidget*)
vfunc[11]:	QGraphicsSimpleTextItem::type() const
vfunc[12]:	QGraphicsItem::sceneEventFilter(QGraphicsItem*, QEvent*)
vfunc[13]:	QGraphicsItem::sceneEvent(QEvent*)
vfunc[14]:	QGraphicsItem::contextMenuEvent(QGraphicsSceneContextMenuEvent*)
vfunc[15]:	QGraphicsItem::dragEnterEvent(QGraphicsSceneDragDropEvent*)
vfunc[16]:	QGraphicsItem::dragLeaveEvent(QGraphicsSceneDragDropEvent*)
vfunc[17]:	QGraphicsItem::dragMoveEvent(QGraphicsSceneDragDropEvent*)
vfunc[18]:	QGraphicsItem::dropEvent(QGraphicsSceneDragDropEvent*)
vfunc[19]:	QGraphicsItem::focusInEvent(QFocusEvent*)
vfunc[20]:	QGraphicsItem::focusOutEvent(QFocusEvent*)
vfunc[21]:	QGraphicsItem::hoverEnterEvent(QGraphicsSceneHoverEvent*)
vfunc[22]:	QGraphicsItem::hoverMoveEvent(QGraphicsSceneHoverEvent*)
vfunc[23]:	QGraphicsItem::hoverLeaveEvent(QGraphicsSceneHoverEvent*)
vfunc[24]:	QGraphicsItem::keyPressEvent(QKeyEvent*)
vfunc[25]:	QGraphicsItem::keyReleaseEvent(QKeyEvent*)
vfunc[26]:	QGraphicsItem::mousePressEvent(QGraphicsSceneMouseEvent*)
vfunc[27]:	QGraphicsItem::mouseMoveEvent(QGraphicsSceneMouseEvent*)
vfunc[28]:	QGraphicsItem::mouseReleaseEvent(QGraphicsSceneMouseEvent*)
vfunc[29]:	QGraphicsItem::mouseDoubleClickEvent(QGraphicsSceneMouseEvent*)
vfunc[30]:	QGraphicsItem::wheelEvent(QGrap

	hicsSceneWheelEvent*)
vfunc[31]:	QGraphicsItem::inputMethodEvent(QInputMethodEvent*)
vfunc[32]:	QGraphicsItem::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[33]:	QGraphicsItem::itemChange(QGraphicsItem::GraphicsItemChange, QVariant const&)
vfunc[34]:	QGraphicsSimpleTextItem::supportsExtension(QGraphicsItem::Extension) const
vfunc[35]:	QGraphicsSimpleTextItem::setExtension(QGraphicsItem::Extension, QVariant const&)
vfunc[36]:	QGraphicsSimpleTextItem::extension(QVariant const&) const

17.4.23.22 Interfaces for Qt4 2D Graphics

An LSB conforming implementation shall provide the generic functions for Qt4 2D Graphics specified in Table 17-510, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-510 libQtGui - Qt4 2D Graphics Function Interfaces

_Z13qDrawWinPanelP8QPainteriiiiRK8QPalettebPK6QBrush [QtGui]	_Z14qDrawPlainRectP8QPainterRK5QRectRK6QColoriPK6QBrush [QtGui]
_Z14qDrawPlainRectP8QPainteriiiiRK6QColoriPK6QBrush [QtGui]	_Z14qDrawShadeLineP8QPainterRK6QPointS3_RK8QPalettebii [QtGui]
_Z14qDrawShadeLineP8QPainteriiiiRK8QPalettebii [QtGui]	_Z14qDrawShadeRectP8QPainterRK5QRectRK8QPalettebiiPK6QBrush [QtGui]
_Z14qDrawShadeRectP8QPainteriiiiRK8QPalettebiiPK6QBrush [QtGui]	_Z14qDrawWinButtonP8QPainterRK5QRectRK8QPalettebPK6QBrush [QtGui]
_Z14qDrawWinButtonP8QPainteriiiiRK8QPalettebPK6QBrush [QtGui]	_Z15qDrawShadePanelP8QPainterRK5QRectRK8QPalettebiPK6QBrush [QtGui]
_Z15qDrawShadePanelP8QPainteriiiiRK8QPalettebiPK6QBrush [QtGui]	_ZN11QIconEngine10actualSizeERK5QSizeN5QIcon4ModeENS3_5StateE [QtGui]
_ZN11QIconEngine6pixmapERK5QSizeN5QIcon4ModeENS3_5StateE [QtGui]	_ZN11QIconEngine7addFileERK7QStringRK5QSizeN5QIcon4ModeENS6_5StateE [QtGui]
_ZN11QIconEngine9addPixmapERK7QPixmapN5QIcon4ModeENS3_5StateE [QtGui]	_ZN11QIconEngineD0Ev [QtGui]
_ZN11QIconEngineD1Ev [QtGui]	_ZN11QIconEngineD2Ev [QtGui]

_ZN12QPaintEngine10drawPointsEPK6QPointi [QtGui]	_ZN12QPaintEngine10drawPointsEPK7QPointFi [QtGui]
_ZN12QPaintEngine11drawEllipseERK5QRect [QtGui]	_ZN12QPaintEngine11drawEllipseERK6QRectF [QtGui]
_ZN12QPaintEngine11drawPolygonEPK6QPointiNS_15PolygonDrawModeE [QtGui]	_ZN12QPaintEngine11drawPolygonEPK7QPointFiNS_15PolygonDrawModeE [QtGui]
_ZN12QPaintEngine12drawTextItemERK7QPointFRK9QTextItem [QtGui]	_ZN12QPaintEngine13setSystemClipERK7QRegion [QtGui]
_ZN12QPaintEngine13setSystemRectERK5QRect [QtGui]	_ZN12QPaintEngine14setPaintDeviceEP12QPaintDevice [QtGui]
_ZN12QPaintEngine15drawTiledPixmapERK6QRectFRK7QPixmapRK7QPointF [QtGui]	_ZN12QPaintEngine8drawPathERK12QPainterPath [QtGui]
_ZN12QPaintEngine9drawImageERK6QRectFRK6QImageS2_6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]	_ZN12QPaintEngine9drawLinesEPK5QLinei [QtGui]
_ZN12QPaintEngine9drawLinesEPK6QLineFi [QtGui]	_ZN12QPaintEngine9drawRectsEPK5QRecti [QtGui]
_ZN12QPaintEngine9drawRectsEPK6QRectFi [QtGui]	_ZN12QPaintEngineC1E6QFlagsINS_18PaintEngineFeatureEE [QtGui]
_ZN12QPaintEngineC2E6QFlagsINS_18PaintEngineFeatureEE [QtGui]	_ZN12QPaintEngineD0Ev [QtGui]
_ZN12QPaintEngineD1Ev [QtGui]	_ZN12QPaintEngineD2Ev [QtGui]
_ZN12QPainterPath10addEllipseERK6QRectF [QtGui]	_ZN12QPainterPath10addPolygonERK9QPolygonF [QtGui]
ZN12QPainterPath11connectPathERKS [QtGui]	_ZN12QPainterPath11setFillRuleEN2Qt8FillRuleE [QtGui]
_ZN12QPainterPath12closeSubpathEv [QtGui]	_ZN12QPainterPath5arcToERK6QRectFdd [QtGui]
_ZN12QPainterPath6lineToERK7QPointF [QtGui]	_ZN12QPainterPath6moveToERK7QPointF [QtGui]
ZN12QPainterPath6quadToERK7QPointFS2 [QtGui]	_ZN12QPainterPath7addPathERKS_ [QtGui]
_ZN12QPainterPath7addRectERK6QRectF [QtGui]	_ZN12QPainterPath7addTextERK7QPointFRK5QFontRK7QString [QtGui]
_ZN12QPainterPath7cubicToERK7QPointFS2_S2_ [QtGui]	_ZN12QPainterPath9addRegionERK7QRegion [QtGui]
_ZN12QPainterPath9arcMoveToERK6QRectFd [QtXml]	_ZN12QPainterPathC1ERK7QPointF [QtGui]
ZN12QPainterPathC1ERKS [QtGui]	_ZN12QPainterPathC1Ev [QtGui]
_ZN12QPainterPathC2ERK7QPointF	_ZN12QPainterPathC2ERKS_

[QtGui]	[QtGui]
_ZN12QPainterPathC2Ev [QtGui]	_ZN12QPainterPathD1Ev [QtGui]
_ZN12QPainterPathD2Ev [QtGui]	_ZN12QPainterPathaSERKS_ [QtGui]
_ZN13QGraphicsItem10addToIndexEv [QtXml]	_ZN13QGraphicsItem10clearFocusEv [QtXml]
_ZN13QGraphicsItem10itemChangeENS_18GraphicsItemChangeERK8QVariant [QtXml]	_ZN13QGraphicsItem10sceneEventEP6QEvent [QtXml]
_ZN13QGraphicsItem10setEnabledEb [QtXml]	_ZN13QGraphicsItem10setToolTipERK7QString [QtXml]
_ZN13QGraphicsItem10setVisibleEb [QtXml]	_ZN13QGraphicsItem10wheelEventEP24QGraphicsSceneWheelEvent [QtXml]
_ZN13QGraphicsItem11resetMatrixEv [QtXml]	_ZN13QGraphicsItem11setSelectedEb [QtXml]
_ZN13QGraphicsItem11unsetCursorEv [QtXml]	_ZN13QGraphicsItem12focusInEventEP11QFocusEvent [QtXml]
_ZN13QGraphicsItem12setExtensionENS_9ExtensionERK8QVariant [QtXml]	_ZN13QGraphicsItem13dragMoveEventEP27QGraphicsSceneDragDropEvent [QtXml]
_ZN13QGraphicsItem13ensureVisibleERK6QRectFii [QtXml]	_ZN13QGraphicsItem13focusOutEventEP11QFocusEvent [QtXml]
_ZN13QGraphicsItem13keyPressEventEP9QKeyEvent [QtXml]	_ZN13QGraphicsItem13setParentItemEPS_ [QtXml]
_ZN13QGraphicsItem14dragEnterEventEP27QGraphicsSceneDragDropEvent [QtXml]	_ZN13QGraphicsItem14dragLeaveEventEP27QGraphicsSceneDragDropEvent [QtXml]
_ZN13QGraphicsItem14hoverMoveEventEP24QGraphicsSceneHoverEvent [QtXml]	_ZN13QGraphicsItem14mouseMoveEventEP24QGraphicsSceneMouseEvent [QtXml]
_ZN13QGraphicsItem14setAcceptDropsEb [QtXml]	_ZN13QGraphicsItem15hoverEnterEventEP24QGraphicsSceneHoverEvent [QtXml]
_ZN13QGraphicsItem15hoverLeaveEventEP24QGraphicsSceneHoverEvent [QtXml]	_ZN13QGraphicsItem15keyReleaseEventEP9QKeyEvent [QtXml]
_ZN13QGraphicsItem15mousePressEventEP24QGraphicsSceneMouseEvent [QtXml]	_ZN13QGraphicsItem15removeFromIndexEv [QtXml]
_ZN13QGraphicsItem16contextMenuEventEP30QGraphicsSceneContextMenuEvent [QtXml]	_ZN13QGraphicsItem16inputMethodEventEP17QInputMethodEvent [QtXml]
_ZN13QGraphicsItem16sceneEventFilterEPS_P6QEvent [QtXml]	_ZN13QGraphicsItem17mouseReleaseEventEP24QGraphicsSceneMouseEvent [QtXml]

_ZN13QGraphicsItem21mouseDoubleClickEventEP24QGraphicsSceneMouseEvent [QtXml]	_ZN13QGraphicsItem21prepareGeometryChangeEv [QtXml]
_ZN13QGraphicsItem21setAcceptsHoverEventsEb [QtXml]	_ZN13QGraphicsItem21setHandlesChildEventsEb [QtXml]
ZN13QGraphicsItem22removeSceneEventFilterEPS [QtXml]	_ZN13QGraphicsItem23installSceneEventFilterEPS_ [QtXml]
_ZN13QGraphicsItem23setAcceptedMouseButtonsE6QFlagsIN2Qt11MouseButtonEE [QtXml]	_ZN13QGraphicsItem5scaleEdd [QtXml]
_ZN13QGraphicsItem5shearEdd [QtXml]	_ZN13QGraphicsItem6rotateEd [QtXml]
_ZN13QGraphicsItem6setPosERK7QPointF [QtXml]	_ZN13QGraphicsItem6updateERK6QRectF [QtXml]
_ZN13QGraphicsItem7advanceEi [QtXml]	_ZN13QGraphicsItem7setDataEiRK8QVariant [QtXml]
_ZN13QGraphicsItem7setFlagENS_16GraphicsItemFlagEb [QtXml]	_ZN13QGraphicsItem8setFlagsE6QFlagsINS_16GraphicsItemFlagEE [QtXml]
_ZN13QGraphicsItem8setFocusEN2Qt11FocusReasonE [QtXml]	_ZN13QGraphicsItem8setGroupEP18QGraphicsItemGroup [QtXml]
_ZN13QGraphicsItem9dropEventEP27QGraphicsSceneDragDropEvent [QtXml]	_ZN13QGraphicsItem9setCursorERK7QCursor [QtXml]
_ZN13QGraphicsItem9setMatrixERK7QMatrixb [QtXml]	_ZN13QGraphicsItem9setZValueEd [QtXml]
_ZN13QGraphicsItem9translateEdd [QtXml]	_ZN13QGraphicsItemC1EPS_P14QGraphicsScene [QtXml]
_ZN13QGraphicsItemC2EPS_P14QGraphicsScene [QtXml]	_ZN13QGraphicsItemD0Ev [QtXml]
_ZN13QGraphicsItemD1Ev [QtXml]	_ZN13QGraphicsItemD2Ev [QtXml]
_ZN13QGraphicsView10paintEventEP11QPaintEvent [QtXml]	_ZN13QGraphicsView10wheelEventEP11QWheelEvent [QtXml]
_ZN13QGraphicsView11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]	_ZN13QGraphicsView11qt_metacastEPKc [QtXml]
_ZN13QGraphicsView11resetMatrixEv [QtXml]	_ZN13QGraphicsView11resizeEventEP12QResizeEvent [QtXml]
_ZN13QGraphicsView11setDragModeENS_8DragModeE [QtXml]	_ZN13QGraphicsView11updateSceneERK5QListI6QRectFE [QtXml]
_ZN13QGraphicsView12focusInEventEP11QFocusEvent [QtXml]	_ZN13QGraphicsView12setAlignmentE6QFlagsIN2Qt13AlignmentFlagEE [QtXml]
_ZN13QGraphicsView12setCacheModeE6QFlagsINS_13CacheModeFlagEE [QtXml]	_ZN13QGraphicsView12setSceneRectERK6QRectF [QtXml]

_ZN13QGraphicsView13dragMoveEventEP14QDragMoveEvent [QtXml]	_ZN13QGraphicsView13ensureVisibleEPK13QGraphicsItemii [QtXml]
_ZN13QGraphicsView13ensureVisibleERK6QRectFii [QtXml]	_ZN13QGraphicsView13focusOutEventEP11QFocusEvent [QtXml]
_ZN13QGraphicsView13keyPressEventEP9QKeyEvent [QtXml]	_ZN13QGraphicsView13setRenderHintEN8QPainter10RenderHintEb [QtXml]
_ZN13QGraphicsView13setupViewportEP7QWidget [QtXml]	_ZN13QGraphicsView13viewportEventEP6QEvent [QtXml]
_ZN13QGraphicsView14dragEnterEventEP15QDragEnterEvent [QtXml]	_ZN13QGraphicsView14dragLeaveEventEP15QDragLeaveEvent [QtXml]
_ZN13QGraphicsView14drawBackgroundEP8QPainterRK6QRectF [QtXml]	_ZN13QGraphicsView14drawForegroundEP8QPainterRK6QRectF [QtXml]
_ZN13QGraphicsView14mouseMoveEventEP11QMouseEvent [QtXml]	_ZN13QGraphicsView14setInteractiveEb [QtXml]
_ZN13QGraphicsView14setRenderHintsE6QFlagsIN8QPainter10RenderHintEE [QtXml]	_ZN13QGraphicsView15keyReleaseEventEP9QKeyEvent [QtXml]
_ZN13QGraphicsView15mousePressEventEP11QMouseEvent [QtXml]	_ZN13QGraphicsView15setResizeAnchorENS_14ViewportAnchorE [QtXml]
_ZN13QGraphicsView15updateSceneRectERK6QRectF [QtXml]	_ZN13QGraphicsView16contextMenuEventEP17QContextMenuEvent [QtXml]
_ZN13QGraphicsView16inputMethodEventEP17QInputMethodEvent [QtXml]	_ZN13QGraphicsView16scrollContentsByEii [QtXml]
_ZN13QGraphicsView17mouseReleaseEventEP11QMouseEvent [QtXml]	_ZN13QGraphicsView18resetCachedContentEv [QtXml]
_ZN13QGraphicsView18setBackgroundBrushERK6QBrush [QtXml]	_ZN13QGraphicsView18setForegroundBrushERK6QBrush [QtXml]
_ZN13QGraphicsView21mouseDoubleClickEventEP11QMouseEvent [QtXml]	_ZN13QGraphicsView23setTransformationAnchorENS_14ViewportAnchorE [QtXml]
_ZN13QGraphicsView5eventEP6QEvent [QtXml]	_ZN13QGraphicsView5scaleEdd [QtXml]
_ZN13QGraphicsView5shearEdd [QtXml]	_ZN13QGraphicsView6renderEP8QPainterRK6QRectFRK5QRectN2Qt15AspectRatioModeE [QtXml]
_ZN13QGraphicsView6rotateEd [QtXml]	_ZN13QGraphicsView8centerOnEPK13QGraphicsItem [QtXml]
_ZN13QGraphicsView8centerOnERK7QPointF [QtXml]	_ZN13QGraphicsView8setSceneEP14QGraphicsScene [QtXml]
_ZN13QGraphicsView9drawItemsEP8QPainteriPP13QGraphicsItemPK24QStyleOptionGraphicsItem	_ZN13QGraphicsView9dropEventEP10QDropEvent [QtXml]

[QtXml]	
_ZN13QGraphicsView9fitInViewEPK13QGraphicsItemN2Qt15AspectRatioModeE [QtXml]	_ZN13QGraphicsView9fitInViewERK6QRectFN2Qt15AspectRatioModeE [QtXml]
_ZN13QGraphicsView9setMatrixERK7QMatrixb [QtXml]	_ZN13QGraphicsView9showEventEP10QShowEvent [QtXml]
_ZN13QGraphicsView9translateEdd [QtXml]	_ZN13QGraphicsViewC1EP14QGraphicsSceneP7QWidget [QtXml]
_ZN13QGraphicsViewC1EP7QWidget [QtXml]	_ZN13QGraphicsViewC2EP14QGraphicsSceneP7QWidget [QtXml]
_ZN13QGraphicsViewC2EP7QWidget [QtXml]	_ZN13QGraphicsViewD0Ev [QtXml]
_ZN13QGraphicsViewD1Ev [QtXml]	_ZN13QGraphicsViewD2Ev [QtXml]
_ZN14QGraphicsScene10addEllipseERK6QRectFRK4QPenRK6QBrush [QtXml]	_ZN14QGraphicsScene10addPolygonERK9QPolygonFRK4QPenRK6QBrush [QtXml]
_ZN14QGraphicsScene10clearFocusEv [QtXml]	_ZN14QGraphicsScene10removeItemEP13QGraphicsItem [QtXml]
_ZN14QGraphicsScene10wheelEventEP24QGraphicsSceneWheelEvent [QtXml]	_ZN14QGraphicsScene11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN14QGraphicsScene11qt_metacastEPKc [QtXml]	_ZN14QGraphicsScene12focusInEventEP11QFocusEvent [QtXml]
_ZN14QGraphicsScene12setFocusItemEP13QGraphicsItemN2Qt11FocusReasonE [QtXml]	_ZN14QGraphicsScene12setSceneRectERK6QRectF [QtXml]
_ZN14QGraphicsScene13dragMoveEventEP27QGraphicsSceneDragDropEvent [QtXml]	_ZN14QGraphicsScene13focusOutEventEP11QFocusEvent [QtXml]
_ZN14QGraphicsScene13keyPressEventEP9QKeyEvent [QtXml]	_ZN14QGraphicsScene14clearSelectionEv [QtXml]
_ZN14QGraphicsScene14dragEnterEventEP27QGraphicsSceneDragDropEvent [QtXml]	_ZN14QGraphicsScene14dragLeaveEventEP27QGraphicsSceneDragDropEvent [QtXml]
_ZN14QGraphicsScene14drawBackgroundEP8QPainterRK6QRectF [QtXml]	_ZN14QGraphicsScene14drawForegroundEP8QPainterRK6QRectF [QtXml]
_ZN14QGraphicsScene14mouseMoveEventEP24QGraphicsSceneMouseEvent [QtXml]	_ZN14QGraphicsScene15createItemGroupERK5QListIP13QGraphicsItemE [QtXml]
_ZN14QGraphicsScene15keyReleaseEventEP9QKeyEvent [QtXml]	_ZN14QGraphicsScene15mousePressEventEP24QGraphicsSceneMouseEvent [QtXml]
_ZN14QGraphicsScene16contextMenuEventEP30QGraphicsSceneContextMenuEvent [QtXml]	_ZN14QGraphicsScene16destroyItemGroupEP18QGraphicsItemGroup [QtXml]

_ZN14QGraphicsScene16inputMethodEventEP17QInputMethodEvent [QtXml]	_ZN14QGraphicsScene16sceneRectChangedERK6QRectF [QtXml]
_ZN14QGraphicsScene16setSelectionAreaERK12QPainterPath [QtXml]	_ZN14QGraphicsScene17mouseReleaseEventEP24QGraphicsSceneMouseEvent [QtXml]
_ZN14QGraphicsScene18setBackgroundBrushERK6QBrush [QtXml]	_ZN14QGraphicsScene18setForegroundBrushERK6QBrush [QtXml]
_ZN14QGraphicsScene18setItemIndexMethodENS_15ItemIndexMethodE [QtXml]	_ZN14QGraphicsScene21mouseDoubleClickEventEP24QGraphicsSceneMouseEvent [QtXml]
_ZN14QGraphicsScene5eventEP6QEvent [QtXml]	_ZN14QGraphicsScene6renderEP8QPainterRK6QRectFS4_N2Qt15AspectRatioModeE [QtXml]
_ZN14QGraphicsScene6updateERK6QRectF [QtXml]	_ZN14QGraphicsScene7addItemEP13QGraphicsItem [QtXml]
_ZN14QGraphicsScene7addLineERK6QLineFRK4QPen [QtXml]	_ZN14QGraphicsScene7addPathERK12QPainterPathRK4QPenRK6QBrush [QtXml]
_ZN14QGraphicsScene7addRectERK6QRectFRK4QPenRK6QBrush [QtXml]	_ZN14QGraphicsScene7addTextERK7QStringRK5QFont [QtXml]
_ZN14QGraphicsScene7advanceEv [QtXml]	_ZN14QGraphicsScene7changedERK5QListI6QRectFE [QtXml]
_ZN14QGraphicsScene8setFocusEN2Qt11FocusReasonE [QtXml]	_ZN14QGraphicsScene9addPixmapERK7QPixmap [QtXml]
_ZN14QGraphicsScene9drawItemsEP8QPainteriPP13QGraphicsItemPK24QStyleOptionGraphicsItemP7QWidget [QtXml]	_ZN14QGraphicsScene9dropEventEP27QGraphicsSceneDragDropEvent [QtXml]
_ZN14QGraphicsScene9helpEventEP23QGraphicsSceneHelpEvent [QtXml]	_ZN14QGraphicsSceneC1EP7QObject [QtXml]
_ZN14QGraphicsSceneC1ERK6QRectFP7QObject [QtXml]	_ZN14QGraphicsSceneC1EddddP7QObject [QtXml]
_ZN14QGraphicsSceneC2EP7QObject [QtXml]	_ZN14QGraphicsSceneC2ERK6QRectFP7QObject [QtXml]
_ZN14QGraphicsSceneC2EddddP7QObject [QtXml]	_ZN14QGraphicsSceneD0Ev [QtXml]
_ZN14QGraphicsSceneD1Ev [QtXml]	_ZN14QGraphicsSceneD2Ev [QtXml]
_ZN15QLinearGradient12setFinalStopERK7QPointF [QtXml]	_ZN15QLinearGradient8setStartERK7QPointF [QtXml]
ZN15QLinearGradientC1ERK7QPointFS2 [QtGui]	_ZN15QLinearGradientC1Edddd [QtGui]
_ZN15QLinearGradientC1Ev [QtXml]	_ZN15QLinearGradientC2ERK7QPointFS2_ [QtGui]

_ZN15QLinearGradientC2Edddd [QtGui]	_ZN15QLinearGradientC2Ev [QtXml]
_ZN15QRadialGradient13setFocalPointERK7QPointF [QtXml]	_ZN15QRadialGradient9setCenterERK7QPointF [QtXml]
_ZN15QRadialGradient9setRadiusEd [QtXml]	_ZN15QRadialGradientC1ERK7QPointFd [QtXml]
ZN15QRadialGradientC1ERK7QPointFdS2 [QtGui]	_ZN15QRadialGradientC1Eddd [QtXml]
_ZN15QRadialGradientC1Eddddd [QtGui]	_ZN15QRadialGradientC1Ev [QtXml]
_ZN15QRadialGradientC2ERK7QPointFd [QtXml]	_ZN15QRadialGradientC2ERK7QPointFdS2_ [QtGui]
_ZN15QRadialGradientC2Eddd [QtXml]	_ZN15QRadialGradientC2Eddddd [QtGui]
_ZN15QRadialGradientC2Ev [QtXml]	_ZN16QConicalGradient8setAngleEd [QtXml]
_ZN16QConicalGradient9setCenterERK7QPointF [QtXml]	_ZN16QConicalGradientC1ERK7QPointFd [QtGui]
_ZN16QConicalGradientC1Eddd [QtGui]	_ZN16QConicalGradientC1Ev [QtXml]
_ZN16QConicalGradientC2ERK7QPointFd [QtGui]	_ZN16QConicalGradientC2Eddd [QtGui]
_ZN16QConicalGradientC2Ev [QtXml]	_ZN17QGraphicsLineItem12setExtensionEN13QGraphicsItem9ExtensionERK8QVariant [QtXml]
_ZN17QGraphicsLineItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget [QtXml]	_ZN17QGraphicsLineItem6setPenERK4QPen [QtXml]
_ZN17QGraphicsLineItem7setLineERK6QLineF [QtXml]	_ZN17QGraphicsLineItemC1EP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN17QGraphicsLineItemC1ERK6QLineFP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN17QGraphicsLineItemC1EddddP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN17QGraphicsLineItemC2EP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN17QGraphicsLineItemC2ERK6QLineFP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN17QGraphicsLineItemC2EddddP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN17QGraphicsLineItemD0Ev [QtXml]
_ZN17QGraphicsLineItemD1Ev [QtXml]	_ZN17QGraphicsLineItemD2Ev [QtXml]
_ZN17QGraphicsPathItem12setExtensionEN13QGraphicsItem9ExtensionERK8QVariant [QtXml]	_ZN17QGraphicsPathItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget [QtXml]
_ZN17QGraphicsPathItem7setPathE	_ZN17QGraphicsPathItemC1EP13Q

RK12QPainterPath [QtXml]	GraphicsItemP14QGraphicsScene [QtXml]
_ZN17QGraphicsPathItemC1ERK12QPainterPathP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN17QGraphicsPathItemC2EP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN17QGraphicsPathItemC2ERK12QPainterPathP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN17QGraphicsPathItemD0Ev [QtXml]
_ZN17QGraphicsPathItemD1Ev [QtXml]	_ZN17QGraphicsPathItemD2Ev [QtXml]
_ZN17QGraphicsRectItem12setExtensionEN13QGraphicsItem9ExtensionERK8QVariant [QtXml]	_ZN17QGraphicsRectItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget [QtXml]
_ZN17QGraphicsRectItem7setRectERK6QRectF [QtXml]	_ZN17QGraphicsRectItemC1EP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN17QGraphicsRectItemC1ERK6QRectFP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN17QGraphicsRectItemC1Edddd P13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN17QGraphicsRectItemC2EP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN17QGraphicsRectItemC2ERK6QRectFP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN17QGraphicsRectItemC2Edddd P13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN17QGraphicsRectItemD0Ev [QtXml]
_ZN17QGraphicsRectItemD1Ev [QtXml]	_ZN17QGraphicsRectItemD2Ev [QtXml]
_ZN17QGraphicsTextItem10adjustSizeEv [QtXml]	_ZN17QGraphicsTextItem10sceneEventEP6QEvent [QtXml]
_ZN17QGraphicsTextItem11linkHoveredERK7QString [QtXml]	_ZN17QGraphicsTextItem11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN17QGraphicsTextItem11qt_metacastEPKc [QtXml]	_ZN17QGraphicsTextItem11setDocumentEP13QTextDocument [QtXml]
_ZN17QGraphicsTextItem12focusInEventEP11QFocusEvent [QtXml]	_ZN17QGraphicsTextItem12setExtensionEN13QGraphicsItem9ExtensionERK8QVariant [QtXml]
_ZN17QGraphicsTextItem12setPlainTextERK7QString [QtXml]	_ZN17QGraphicsTextItem12setTextWidthEd [QtXml]
_ZN17QGraphicsTextItem13dragMoveEventEP27QGraphicsSceneDragDropEvent [QtXml]	_ZN17QGraphicsTextItem13focusOutEventEP11QFocusEvent [QtXml]
_ZN17QGraphicsTextItem13keyPressEventEP9QKeyEvent [QtXml]	_ZN17QGraphicsTextItem13linkActivatedERK7QString [QtXml]
_ZN17QGraphicsTextItem13setTextCursorERK11QTextCursor [QtXml]	_ZN17QGraphicsTextItem14dragEnterEventEP27QGraphicsSceneDragDropEvent [QtXml]

© 2008 Linux Foundation

_ZN17QGraphicsTextItem14dragLeaveEventEP27QGraphicsSceneDragDropEvent [QtXml]	_ZN17QGraphicsTextItem14hoverMoveEventEP24QGraphicsSceneHoverEvent [QtXml]
_ZN17QGraphicsTextItem14mouseMoveEventEP24QGraphicsSceneMouseEvent [QtXml]	_ZN17QGraphicsTextItem15hoverEnterEventEP24QGraphicsSceneHoverEvent [QtXml]
_ZN17QGraphicsTextItem15hoverLeaveEventEP24QGraphicsSceneHoverEvent [QtXml]	_ZN17QGraphicsTextItem15keyReleaseEventEP9QKeyEvent [QtXml]
_ZN17QGraphicsTextItem15mousePressEventEP24QGraphicsSceneMouseEvent [QtXml]	_ZN17QGraphicsTextItem16contextMenuEventEP30QGraphicsSceneContextMenuEvent [QtXml]
_ZN17QGraphicsTextItem16inputMethodEventEP17QInputMethodEvent [QtXml]	_ZN17QGraphicsTextItem17mouseReleaseEventEP24QGraphicsSceneMouseEvent [QtXml]
_ZN17QGraphicsTextItem19setDefaultTextColorERK6QColor [QtXml]	_ZN17QGraphicsTextItem20setOpenExternalLinksEb [QtXml]
_ZN17QGraphicsTextItem21mouseDoubleClickEventEP24QGraphicsSceneMouseEvent [QtXml]	_ZN17QGraphicsTextItem23setTextInteractionFlagsE6QFlagsIN2Qt19TextInteractionFlagEE [QtXml]
_ZN17QGraphicsTextItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget [QtXml]	_ZN17QGraphicsTextItem7setFontERK5QFont [QtXml]
_ZN17QGraphicsTextItem7setHtmlERK7QString [QtXml]	_ZN17QGraphicsTextItem9dropEventEP27QGraphicsSceneDragDropEvent [QtXml]
_ZN17QGraphicsTextItemC1EP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN17QGraphicsTextItemC1ERK7QStringP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN17QGraphicsTextItemC2EP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN17QGraphicsTextItemC2ERK7QStringP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN17QGraphicsTextItemD0Ev [QtXml]	_ZN17QGraphicsTextItemD1Ev [QtXml]
_ZN17QGraphicsTextItemD2Ev [QtXml]	_ZN18QGraphicsItemGroup10addToGroupEP13QGraphicsItem [QtXml]
_ZN18QGraphicsItemGroup15removeFromGroupEP13QGraphicsItem [QtXml]	_ZN18QGraphicsItemGroup5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget [QtXml]
_ZN18QGraphicsItemGroupC1EP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN18QGraphicsItemGroupC2EP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN18QGraphicsItemGroupD0Ev [QtXml]	_ZN18QGraphicsItemGroupD1Ev [QtXml]
_ZN18QGraphicsItemGroupD2Ev [QtXml]	_ZN19QGraphicsPixmapItem12setExtensionEN13QGraphicsItem9ExtensionERK8QVariant [QtXml]

_ZN19QGraphicsPixmapItem12setShapeModeENS_9ShapeModeE [QtXml]	_ZN19QGraphicsPixmapItem21setTransformationModeEN2Qt18TransformationModeE [QtXml]
_ZN19QGraphicsPixmapItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget [QtXml]	_ZN19QGraphicsPixmapItem9setOffsetERK7QPointF [QtXml]
_ZN19QGraphicsPixmapItem9setPixmapERK7QPixmap [QtXml]	_ZN19QGraphicsPixmapItemC1EP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN19QGraphicsPixmapItemC1ERK7QPixmapP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN19QGraphicsPixmapItemC2EP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN19QGraphicsPixmapItemC2ERK7QPixmapP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN19QGraphicsPixmapItemD0Ev [QtXml]
_ZN19QGraphicsPixmapItemD1Ev [QtXml]	_ZN19QGraphicsPixmapItemD2Ev [QtXml]
_ZN19QGraphicsSceneEvent9setWidgetEP7QWidget [QtXml]	_ZN19QGraphicsSceneEventC1EN6QEvent4TypeE [QtXml]
_ZN19QGraphicsSceneEventC2EN6QEvent4TypeE [QtXml]	_ZN19QGraphicsSceneEventD0Ev [QtXml]
_ZN19QGraphicsSceneEventD1Ev [QtXml]	_ZN19QGraphicsSceneEventD2Ev [QtXml]
_ZN19QPainterPathStroker11setCapStyleEN2Qt11PenCapStyleE [QtGui]	_ZN19QPainterPathStroker12setJoinStyleEN2Qt12PenJoinStyleE [QtGui]
_ZN19QPainterPathStroker13setMiterLimitEd [QtGui]	_ZN19QPainterPathStroker14setDashPatternEN2Qt8PenStyleE [QtGui]
_ZN19QPainterPathStroker14setDashPatternERK7QVectorIdE [QtGui]	_ZN19QPainterPathStroker17setCurveThresholdEd [QtGui]
_ZN19QPainterPathStroker8setWidthEd [QtGui]	_ZN19QPainterPathStrokerC1Ev [QtGui]
_ZN19QPainterPathStrokerC2Ev [QtGui]	_ZN19QPainterPathStrokerD1Ev [QtGui]
_ZN19QPainterPathStrokerD2Ev [QtGui]	_ZN20QGraphicsEllipseItem12setExtensionEN13QGraphicsItem9ExtensionERK8QVariant [QtXml]
_ZN20QGraphicsEllipseItem12setSpanAngleEi [QtXml]	_ZN20QGraphicsEllipseItem13setStartAngleEi [QtXml]
_ZN20QGraphicsEllipseItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget [QtXml]	_ZN20QGraphicsEllipseItem7setRectERK6QRectF [QtXml]
_ZN20QGraphicsEllipseItemC1EP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN20QGraphicsEllipseItemC1ERK6QRectFP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN20QGraphicsEllipseItemC1EdddddP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN20QGraphicsEllipseItemC2EP13QGraphicsItemP14QGraphicsScene [QtXml]

_ZN20QGraphicsEllipseItemC2ERK6QRectFP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN20QGraphicsEllipseItemC2EdddddP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN20QGraphicsEllipseItemD0Ev [QtXml]	_ZN20QGraphicsEllipseItemD1Ev [QtXml]
_ZN20QGraphicsEllipseItemD2Ev [QtXml]	_ZN20QGraphicsPolygonItem10setPolygonERK9QPolygonF [QtXml]
_ZN20QGraphicsPolygonItem11setFillRuleEN2Qt8FillRuleE [QtXml]	_ZN20QGraphicsPolygonItem12setExtensionEN13QGraphicsItem9ExtensionERK8QVariant [QtXml]
_ZN20QGraphicsPolygonItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget [QtXml]	_ZN20QGraphicsPolygonItemC1EP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN20QGraphicsPolygonItemC1ERK9QPolygonFP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN20QGraphicsPolygonItemC2EP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN20QGraphicsPolygonItemC2ERK9QPolygonFP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN20QGraphicsPolygonItemD0Ev [QtXml]
_ZN20QGraphicsPolygonItemD1Ev [QtXml]	_ZN20QGraphicsPolygonItemD2Ev [QtXml]
_ZN22QGraphicsItemAnimation10setScaleAtEddd [QtXml]	_ZN22QGraphicsItemAnimation10setShearAtEddd [QtXml]
_ZN22QGraphicsItemAnimation11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]	_ZN22QGraphicsItemAnimation11qt_metacastEPKc [QtXml]
_ZN22QGraphicsItemAnimation11setTimeLineEP9QTimeLine [QtXml]	_ZN22QGraphicsItemAnimation13setRotationAtEdd [QtXml]
_ZN22QGraphicsItemAnimation16setTranslationAtEddd [QtXml]	_ZN22QGraphicsItemAnimation18afterAnimationStepEd [QtXml]
_ZN22QGraphicsItemAnimation19beforeAnimationStepEd [QtXml]	_ZN22QGraphicsItemAnimation5clearEv [QtXml]
_ZN22QGraphicsItemAnimation5resetEv [QtXml]	_ZN22QGraphicsItemAnimation7setItemEP13QGraphicsItem [QtXml]
_ZN22QGraphicsItemAnimation7setStepEd [QtXml]	_ZN22QGraphicsItemAnimation8setPosAtEdRK7QPointF [QtXml]
_ZN22QGraphicsItemAnimationC1EP7QObject [QtXml]	_ZN22QGraphicsItemAnimationC2EP7QObject [QtXml]
_ZN22QGraphicsItemAnimationD0Ev [QtXml]	_ZN22QGraphicsItemAnimationD1Ev [QtXml]
_ZN22QGraphicsItemAnimationD2Ev [QtXml]	_ZN23QGraphicsSceneHelpEvent11setScenePosERK7QPointF [QtXml]
_ZN23QGraphicsSceneHelpEvent12setScreenPosERK6QPoint [QtXml]	_ZN23QGraphicsSceneHelpEventC1EN6QEvent4TypeE [QtXml]
_ZN23QGraphicsSceneHelpEventC2EN6QEvent4TypeE [QtXml]	_ZN23QGraphicsSceneHelpEventD0Ev [QtXml]

_ZN23QGraphicsSceneHelpEventD1Ev [QtXml]	_ZN23QGraphicsSceneHelpEventD2Ev [QtXml]
_ZN23QGraphicsSimpleTextItem12setExtensionEN13QGraphicsItem9ExtensionERK8QVariant [QtXml]	_ZN23QGraphicsSimpleTextItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget [QtXml]
_ZN23QGraphicsSimpleTextItem7setFontERK5QFont [QtXml]	_ZN23QGraphicsSimpleTextItem7setTextERK7QString [QtXml]
_ZN23QGraphicsSimpleTextItemC1EP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN23QGraphicsSimpleTextItemC1ERK7QStringP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN23QGraphicsSimpleTextItemC2EP13QGraphicsItemP14QGraphicsScene [QtXml]	_ZN23QGraphicsSimpleTextItemC2ERK7QStringP13QGraphicsItemP14QGraphicsScene [QtXml]
_ZN23QGraphicsSimpleTextItemD0Ev [QtXml]	_ZN23QGraphicsSimpleTextItemD1Ev [QtXml]
_ZN23QGraphicsSimpleTextItemD2Ev [QtXml]	_ZN24QGraphicsSceneHoverEvent11setScenePosERK7QPointF [QtXml]
_ZN24QGraphicsSceneHoverEvent12setScreenPosERK6QPoint [QtXml]	_ZN24QGraphicsSceneHoverEvent6setPosERK7QPointF [QtXml]
_ZN24QGraphicsSceneHoverEventC1EN6QEvent4TypeE [QtXml]	_ZN24QGraphicsSceneHoverEventC2EN6QEvent4TypeE [QtXml]
_ZN24QGraphicsSceneHoverEventD0Ev [QtXml]	_ZN24QGraphicsSceneHoverEventD1Ev [QtXml]
_ZN24QGraphicsSceneHoverEventD2Ev [QtXml]	_ZN24QGraphicsSceneMouseEvent10setButtonsE6QFlagsIN2Qt11MouseButtonEE [QtXml]
_ZN24QGraphicsSceneMouseEvent10setLastPosERK7QPointF [QtXml]	_ZN24QGraphicsSceneMouseEvent11setScenePosERK7QPointF [QtXml]
_ZN24QGraphicsSceneMouseEvent12setModifiersE6QFlagsIN2Qt16KeyboardModifierEE [QtXml]	_ZN24QGraphicsSceneMouseEvent12setScreenPosERK6QPoint [QtXml]
_ZN24QGraphicsSceneMouseEvent15setLastScenePosERK7QPointF [QtXml]	_ZN24QGraphicsSceneMouseEvent16setButtonDownPosEN2Qt11MouseButtonERK7QPointF [QtXml]
_ZN24QGraphicsSceneMouseEvent16setLastScreenPosERK6QPoint [QtXml]	_ZN24QGraphicsSceneMouseEvent21setButtonDownScenePosEN2Qt11MouseButtonERK7QPointF [QtXml]
_ZN24QGraphicsSceneMouseEvent22setButtonDownScreenPosEN2Qt11MouseButtonERK6QPoint [QtXml]	_ZN24QGraphicsSceneMouseEvent6setPosERK7QPointF [QtXml]
_ZN24QGraphicsSceneMouseEvent9setButtonEN2Qt11MouseButtonE [QtXml]	_ZN24QGraphicsSceneMouseEventC1EN6QEvent4TypeE [QtXml]
_ZN24QGraphicsSceneMouseEventC2EN6QEvent4TypeE [QtXml]	_ZN24QGraphicsSceneMouseEventD0Ev [QtXml]
_ZN24QGraphicsSceneMouseEventD1Ev [QtXml]	_ZN24QGraphicsSceneMouseEventD2Ev [QtXml]

_ZN24QGraphicsSceneWheelEvent10setButtonsE6QFlagsIN2Qt11MouseButtonEE [QtXml]	_ZN24QGraphicsSceneWheelEvent11setScenePosERK7QPointF [QtXml]
_ZN24QGraphicsSceneWheelEvent12setModifiersE6QFlagsIN2Qt16KeyboardModifierEE [QtXml]	_ZN24QGraphicsSceneWheelEvent12setScreenPosERK6QPoint [QtXml]
_ZN24QGraphicsSceneWheelEvent6setPosERK7QPointF [QtXml]	_ZN24QGraphicsSceneWheelEvent8setDeltaEi [QtXml]
_ZN24QGraphicsSceneWheelEventC1EN6QEvent4TypeE [QtXml]	_ZN24QGraphicsSceneWheelEventC2EN6QEvent4TypeE [QtXml]
_ZN24QGraphicsSceneWheelEventD0Ev [QtXml]	_ZN24QGraphicsSceneWheelEventD1Ev [QtXml]
_ZN24QGraphicsSceneWheelEventD2Ev [QtXml]	_ZN27QGraphicsSceneDragDropEvent10setButtonsE6QFlagsIN2Qt11MouseButtonEE [QtXml]
_ZN27QGraphicsSceneDragDropEvent11setMimeDataEPK9QMimeData [QtXml]	_ZN27QGraphicsSceneDragDropEvent11setScenePosERK7QPointF [QtXml]
_ZN27QGraphicsSceneDragDropEvent12setModifiersE6QFlagsIN2Qt16KeyboardModifierEE [QtXml]	_ZN27QGraphicsSceneDragDropEvent12setScreenPosERK6QPoint [QtXml]
_ZN27QGraphicsSceneDragDropEvent13setDropActionEN2Qt10DropActionE [QtXml]	_ZN27QGraphicsSceneDragDropEvent17setProposedActionEN2Qt10DropActionE [QtXml]
_ZN27QGraphicsSceneDragDropEvent18setPossibleActionsE6QFlagsIN2Qt10DropActionEE [QtXml]	_ZN27QGraphicsSceneDragDropEvent20acceptProposedActionEv [QtXml]
_ZN27QGraphicsSceneDragDropEvent6setPosERK7QPointF [QtXml]	_ZN27QGraphicsSceneDragDropEvent9setSourceEP7QWidget [QtXml]
_ZN27QGraphicsSceneDragDropEventC1EN6QEvent4TypeE [QtXml]	_ZN27QGraphicsSceneDragDropEventC2EN6QEvent4TypeE [QtXml]
_ZN27QGraphicsSceneDragDropEventD0Ev [QtXml]	_ZN27QGraphicsSceneDragDropEventD1Ev [QtXml]
_ZN27QGraphicsSceneDragDropEventD2Ev [QtXml]	_ZN30QGraphicsSceneContextMenuEvent11setScenePosERK7QPointF [QtXml]
_ZN30QGraphicsSceneContextMenuEvent12setModifiersE6QFlagsIN2Qt16KeyboardModifierEE [QtXml]	_ZN30QGraphicsSceneContextMenuEvent12setScreenPosERK6QPoint [QtXml]
_ZN30QGraphicsSceneContextMenuEvent6setPosERK7QPointF [QtXml]	_ZN30QGraphicsSceneContextMenuEvent9setReasonENS_6ReasonE [QtXml]
_ZN30QGraphicsSceneContextMenuEventC1EN6QEvent4TypeE [QtXml]	_ZN30QGraphicsSceneContextMenuEventC2EN6QEvent4TypeE [QtXml]
_ZN30QGraphicsSceneContextMenuEventD0Ev [QtXml]	_ZN30QGraphicsSceneContextMenuEventD1Ev [QtXml]
_ZN30QGraphicsSceneContextMenu	_ZN4QPen10isDetachedEv [QtGui]

EventD2Ev [QtXml]	
_ZN4QPen11setCapStyleEN2Qt11PenCapStyleE [QtGui]	_ZN4QPen12setJoinStyleEN2Qt12PenJoinStyleE [QtGui]
_ZN4QPen13setMiterLimitEd [QtGui]	_ZN4QPen14setDashPatternERK7QVectorIdE [QtGui]
_ZN4QPen8setBrushERK6QBrush [QtGui]	_ZN4QPen8setColorERK6QColor [QtGui]
_ZN4QPen8setStyleEN2Qt8PenStyleE [QtGui]	_ZN4QPen8setWidthEi [QtGui]
_ZN4QPen9setWidthFEd [QtGui]	_ZN4QPenC1EN2Qt8PenStyleE [QtGui]
_ZN4QPenC1ERK6QBrushdN2Qt8PenStyleENS3_11PenCapStyleENS3_12PenJoinStyleE [QtGui]	_ZN4QPenC1ERK6QColor [QtGui]
ZN4QPenC1ERKS [QtGui]	_ZN4QPenC1Ev [QtGui]
_ZN4QPenC2EN2Qt8PenStyleE [QtGui]	_ZN4QPenC2ERK6QBrushdN2Qt8PenStyleENS3_11PenCapStyleENS3_12PenJoinStyleE [QtGui]
_ZN4QPenC2ERK6QColor [QtGui]	_ZN4QPenC2ERKS_ [QtGui]
_ZN4QPenC2Ev [QtGui]	_ZN4QPenD1Ev [QtGui]
_ZN4QPenD2Ev [QtGui]	_ZN4QPenaSERKS_ [QtGui]
_ZN5QIcon10pixmapSizeENS_4SizeE [QtGui]	_ZN5QIcon13setPixmapSizeENS_4SizeERK5QSize [QtGui]
_ZN5QIcon7addFileERK7QStringRK5QSizeNS_4ModeENS_5StateE [QtGui]	_ZN5QIcon9addPixmapERK7QPixmapNS_4ModeENS_5StateE [QtGui]
_ZN5QIconC1EP11QIconEngine [QtGui]	_ZN5QIconC1ERK7QPixmap [QtGui]
_ZN5QIconC1ERK7QString [QtGui]	_ZN5QIconC1ERKS_ [QtGui]
_ZN5QIconC1Ev [QtGui]	_ZN5QIconC2EP11QIconEngine [QtGui]
_ZN5QIconC2ERK7QPixmap [QtGui]	_ZN5QIconC2ERK7QString [QtGui]
ZN5QIconC2ERKS [QtGui]	_ZN5QIconC2Ev [QtGui]
_ZN5QIconD1Ev [QtGui]	_ZN5QIconD2Ev [QtGui]
ZN5QIconaSERKS [QtGui]	_ZN6QBrush10setTextureERK7QPixmap [QtGui]
_ZN6QBrush15setTextureImageERK6QImage [QtXml]	_ZN6QBrush8setColorERK6QColor [QtGui]
_ZN6QBrush8setStyleEN2Qt10BrushStyleE [QtGui]	_ZN6QBrush9setMatrixERK7QMatrix [QtXml]
_ZN6QBrushC1EN2Qt10BrushStyleE [QtGui]	_ZN6QBrushC1EN2Qt11GlobalColorENS0_10BrushStyleE [QtGui]
_ZN6QBrushC1EN2Qt11GlobalColorERK7QPixmap [QtGui]	_ZN6QBrushC1ERK6QColorN2Qt10BrushStyleE [QtGui]

_ZN6QBrushC1ERK6QColorRK7QPixmap [QtGui]	_ZN6QBrushC1ERK6QImage [QtXml]
_ZN6QBrushC1ERK7QPixmap [QtGui]	_ZN6QBrushC1ERK9QGradient [QtGui]
ZN6QBrushC1ERKS [QtGui]	_ZN6QBrushC1Ev [QtGui]
_ZN6QBrushC2EN2Qt10BrushStyleE [QtGui]	_ZN6QBrushC2EN2Qt11GlobalColorENS0_10BrushStyleE [QtGui]
_ZN6QBrushC2EN2Qt11GlobalColorERK7QPixmap [QtGui]	_ZN6QBrushC2ERK6QColorN2Qt10BrushStyleE [QtGui]
_ZN6QBrushC2ERK6QColorRK7QPixmap [QtGui]	_ZN6QBrushC2ERK6QImage [QtXml]
_ZN6QBrushC2ERK7QPixmap [QtGui]	_ZN6QBrushC2ERK9QGradient [QtGui]
ZN6QBrushC2ERKS [QtGui]	_ZN6QBrushC2Ev [QtGui]
_ZN6QBrushD1Ev [QtGui]	_ZN6QBrushD2Ev [QtGui]
ZN6QBrushaSERKS [QtGui]	_ZN7QMatrix5resetEv [QtGui]
_ZN7QMatrix5scaleEdd [QtGui]	_ZN7QMatrix5shearEdd [QtGui]
_ZN7QMatrix6rotateEd [QtGui]	_ZN7QMatrix9setMatrixEdddddd [QtGui]
_ZN7QMatrix9translateEdd [QtGui]	_ZN7QMatrixC1ERKS_ [QtGui]
_ZN7QMatrixC1Edddddd [QtGui]	_ZN7QMatrixC1Ev [QtGui]
ZN7QMatrixC2ERKS [QtGui]	_ZN7QMatrixC2Edddddd [QtGui]
_ZN7QMatrixC2Ev [QtGui]	_ZN7QMatrixaSERKS_ [QtGui]
ZN7QMatrixmLERKS [QtGui]	_ZN7QRegion8setRectsEPK5QRecti [QtGui]
_ZN7QRegion9translateEii [QtGui]	_ZN7QRegionC1ERK5QRectNS_10RegionTypeE [QtGui]
_ZN7QRegionC1ERK7QBitmap [QtGui]	_ZN7QRegionC1ERK8QPolygonN2Qt8FillRuleE [QtGui]
_ZN7QRegionC1ERK8QPolygonb [QtGui]	_ZN7QRegionC1ERKS_ [QtGui]
_ZN7QRegionC1EiiiiNS_10RegionTypeE [QtGui]	_ZN7QRegionC1Ev [QtGui]
_ZN7QRegionC2ERK5QRectNS_10RegionTypeE [QtGui]	_ZN7QRegionC2ERK7QBitmap [QtGui]
_ZN7QRegionC2ERK8QPolygonN2Qt8FillRuleE [QtGui]	_ZN7QRegionC2ERK8QPolygonb [QtGui]
ZN7QRegionC2ERKS [QtGui]	_ZN7QRegionC2EiiiiNS_10RegionTypeE [QtGui]
_ZN7QRegionC2Ev [QtGui]	_ZN7QRegionD1Ev [QtGui]
_ZN7QRegionD2Ev [QtGui]	_ZN7QRegionaNERKS_ [QtGui]
ZN7QRegionaSERKS [QtGui]	_ZN7QRegioneOERKS_ [QtGui]
ZN7QRegionmIERKS [QtGui]	_ZN7QRegionoRERKS_ [QtGui]
ZN7QRegionpLERKS [QtGui]	_ZN8QPainter10drawPixmapERK6

	QRectFRK7QPixmapS2_ [QtGui]
_ZN8QPainter10drawPointsEPK6QPointi [QtGui]	_ZN8QPainter10drawPointsEPK7QPointFi [QtGui]
_ZN8QPainter10redirectedEPK12QPaintDeviceP6QPoint [QtGui]	_ZN8QPainter10setOpacityEd [QtXml]
_ZN8QPainter10strokePathERK12QPainterPathRK4QPen [QtGui]	_ZN8QPainter11drawEllipseERK5QRect [QtGui]
_ZN8QPainter11drawEllipseERK6QRectF [QtGui]	_ZN8QPainter11drawPictureERK7QPointFRK8QPicture [QtGui]
_ZN8QPainter11drawPolygonEPK6QPointiN2Qt8FillRuleE [QtGui]	_ZN8QPainter11drawPolygonEPK7QPointFiN2Qt8FillRuleE [QtGui]
_ZN8QPainter11resetMatrixEv [QtGui]	_ZN8QPainter11setClipPathERK12QPainterPathN2Qt13ClipOperationE [QtGui]
_ZN8QPainter11setClipRectERK6QRectFN2Qt13ClipOperationE [QtGui]	_ZN8QPainter11setClippingEb [QtGui]
_ZN8QPainter11setViewportERK5QRect [QtGui]	_ZN8QPainter12boundingRectERK5QRectiRK7QString [QtGui]
_ZN8QPainter12boundingRectERK6QRectFRK7QStringRK11QTextOption [QtGui]	_ZN8QPainter12boundingRectERK6QRectFiRK7QString [QtGui]
_ZN8QPainter12drawPolylineEPK6QPointi [QtGui]	_ZN8QPainter12drawPolylineEPK7QPointFi [QtGui]
_ZN8QPainter13drawRoundRectERK6QRectFii [QtGui]	_ZN8QPainter13setBackgroundERK6QBrush [QtGui]
_ZN8QPainter13setClipRegionERK7QRegionN2Qt13ClipOperationE [QtGui]	_ZN8QPainter13setRedirectedEPK12QPaintDevicePS0_RK6QPoint [QtGui]
_ZN8QPainter13setRenderHintENS_10RenderHintEb [QtGui]	_ZN8QPainter14setBrushOriginERK7QPointF [QtGui]
_ZN8QPainter14setRenderHintsE6QFlagsINS_10RenderHintEEb [QtXml]	_ZN8QPainter14setWorldMatrixERK7QMatrixb [QtXml]
_ZN8QPainter15drawCubicBezierERK8QPolygoni [QtGui]	_ZN8QPainter15drawTiledPixmapERK6QRectFRK7QPixmapRK7QPointF [QtGui]
_ZN8QPainter16drawLineSegmentsERK8QPolygonii [QtGui]	_ZN8QPainter16setMatrixEnabledEb [QtGui]
_ZN8QPainter17drawConvexPolygonEPK6QPointi [QtGui]	_ZN8QPainter17drawConvexPolygonEPK7QPointFi [QtGui]
_ZN8QPainter17restoreRedirectedEPK12QPaintDevice [QtGui]	_ZN8QPainter17setBackgroundModeEN2Qt6BGModeE [QtGui]
_ZN8QPainter18setCompositionModeENS_15CompositionModeE [QtGui]	_ZN8QPainter18setLayoutDirectionEN2Qt15LayoutDirectionE [QtGui]
_ZN8QPainter21setWorldMatrixEnabledEb [QtXml]	_ZN8QPainter23setViewTransformEnabledEb [QtGui]

_ZN8QPainter3endEv [QtGui]	_ZN8QPainter4saveEv [QtGui]
_ZN8QPainter5beginEP12QPaintDevice [QtGui]	_ZN8QPainter5scaleEdd [QtGui]
_ZN8QPainter5shearEdd [QtGui]	_ZN8QPainter6rotateEd [QtGui]
_ZN8QPainter6setPenEN2Qt8PenStyleE [QtGui]	_ZN8QPainter6setPenERK4QPen [QtGui]
_ZN8QPainter6setPenERK6QColor [QtGui]	_ZN8QPainter7drawArcERK6QRectFii [QtGui]
_ZN8QPainter7drawPieERK6QRectFii [QtGui]	_ZN8QPainter7restoreEv [QtGui]
_ZN8QPainter7setFontERK5QFont [QtGui]	_ZN8QPainter8drawPathERK12QPainterPath [QtGui]
ZN8QPainter8drawTextERK5QRectiRK7QStringPS0 [QtGui]	_ZN8QPainter8drawTextERK6QRectFRK7QStringRK11QTextOption [QtGui]
ZN8QPainter8drawTextERK6QRectFiRK7QStringPS0 [QtGui]	_ZN8QPainter8drawTextERK7QPointFRK7QString [QtGui]
_ZN8QPainter8fillPathERK12QPainterPathRK6QBrush [QtGui]	_ZN8QPainter8fillRectERK5QRectRK6QBrush [QtGui]
_ZN8QPainter8fillRectERK6QRectFRK6QBrush [QtGui]	_ZN8QPainter8initFromEPK7QWidget [QtGui]
_ZN8QPainter8setBrushEN2Qt10BrushStyleE [QtGui]	_ZN8QPainter8setBrushERK6QBrush [QtGui]
_ZN8QPainter9drawChordERK6QRectFii [QtGui]	_ZN8QPainter9drawImageERK6QRectFRK6QImageS2_6QFlagsIN2Qt19ImageConversionFlagEE [QtGui]
_ZN8QPainter9drawLinesEPK5QLinei [QtGui]	_ZN8QPainter9drawLinesEPK6QLineFi [QtGui]
_ZN8QPainter9drawLinesEPK6QPointi [QtGui]	_ZN8QPainter9drawLinesEPK7QPointFi [QtGui]
_ZN8QPainter9drawRectsEPK5QRecti [QtGui]	_ZN8QPainter9drawRectsEPK6QRectFi [QtGui]
_ZN8QPainter9eraseRectERK6QRectF [QtGui]	_ZN8QPainter9setMatrixERK7QMatrixb [QtGui]
_ZN8QPainter9setWindowERK5QRect [QtGui]	_ZN8QPainter9translateERK7QPointF [QtGui]
_ZN8QPainterC1EP12QPaintDevice [QtGui]	_ZN8QPainterC1Ev [QtGui]
_ZN8QPainterC2EP12QPaintDevice [QtGui]	_ZN8QPainterC2Ev [QtGui]
_ZN8QPainterD1Ev [QtGui]	_ZN8QPainterD2Ev [QtGui]
_ZN8QPolygon9putPointsEiiPKi [QtGui]	_ZN8QPolygon9putPointsEiiRKS_i [QtGui]
_ZN8QPolygon9putPointsEiiiiz [QtGui]	_ZN8QPolygon9setPointsEiPKi [QtGui]

_ZN8QPolygon9setPointsEiiiz [QtGui]	_ZN8QPolygon9translateEii [QtGui]
_ZN8QPolygonC1ERK5QRectb [QtGui]	_ZN8QPolygonC1EiPKi [QtGui]
_ZN8QPolygonC2ERK5QRectb [QtGui]	_ZN8QPolygonC2EiPKi [QtGui]
_ZN9QGradient10setColorAtEdRK6QColor [QtGui]	_ZN9QGradient17setCoordinateModeENS_14CoordinateModeE [QtXml]
_ZN9QGradient8setStopsERK7QVectorI5QPairId6QColorEE [QtGui]	_ZN9QGradientC1Ev [QtGui]
_ZN9QGradientC2Ev [QtGui]	_ZN9QGradienteqERKS_ [QtGui]
_ZN9QPolygonF9translateERK7QPointF [QtGui]	_ZN9QPolygonFC1ERK6QRectF [QtGui]
_ZN9QPolygonFC1ERK8QPolygon [QtGui]	_ZN9QPolygonFC2ERK6QRectF [QtGui]
_ZN9QPolygonFC2ERK8QPolygon [QtGui]	_ZNK12QPaintEngine10systemClipEv [QtGui]
_ZNK12QPaintEngine10systemRectEv [QtGui]	_ZNK12QPaintEngine11paintDeviceEv [QtGui]
_ZNK12QPaintEngine16coordinateOffsetEv [QtGui]	_ZNK12QPaintEngine7painterEv [QtGui]
_ZNK12QPainterPath10intersectsERK6QRectF [QtGui]	_ZNK12QPainterPath10toReversedEv [QtGui]
_ZNK12QPainterPath12boundingRectEv [QtGui]	_ZNK12QPainterPath13toFillPolygonERK7QMatrix [QtGui]
_ZNK12QPainterPath14toFillPolygonsERK7QMatrix [QtGui]	_ZNK12QPainterPath15currentPositionEv [QtGui]
_ZNK12QPainterPath16controlPointRectEv [QtGui]	_ZNK12QPainterPath17toSubpathPolygonsERK7QMatrix [QtGui]
_ZNK12QPainterPath8containsERK6QRectF [QtGui]	_ZNK12QPainterPath8containsERK7QPointF [QtGui]
_ZNK12QPainterPath8fillRuleEv [QtGui]	_ZNK12QPainterPatheqERKS_ [QtGui]
ZNK12QPainterPathneERKS [QtGui]	_ZNK13QGraphicsItem10isObscuredEv [QtXml]
_ZNK13QGraphicsItem10isSelectedEv [QtXml]	_ZNK13QGraphicsItem10mapToSceneERK12QPainterPath [QtXml]
_ZNK13QGraphicsItem10mapToSceneERK6QRectF [QtXml]	_ZNK13QGraphicsItem10mapToSceneERK7QPointF [QtXml]
_ZNK13QGraphicsItem10mapToSceneERK9QPolygonF [QtXml]	_ZNK13QGraphicsItem10opaqueAreaEv [QtXml]
_ZNK13QGraphicsItem10parentItemEv [QtXml]	_ZNK13QGraphicsItem11acceptDropsEv [QtXml]
_ZNK13QGraphicsItem11mapFromItemEPKS_RK12QPainterPath	_ZNK13QGraphicsItem11mapFromItemEPKS_RK6QRectF [QtXml]

[QtXml]	
_ZNK13QGraphicsItem11mapFromItemEPKS_RK7QPointF [QtXml]	_ZNK13QGraphicsItem11mapFromItemEPKS_RK9QPolygonF [QtXml]
_ZNK13QGraphicsItem11mapToParentERK12QPainterPath [QtXml]	_ZNK13QGraphicsItem11mapToParentERK6QRectF [QtXml]
_ZNK13QGraphicsItem11mapToParentERK7QPointF [QtXml]	_ZNK13QGraphicsItem11mapToParentERK9QPolygonF [QtXml]
_ZNK13QGraphicsItem11sceneMatrixEv [QtXml]	_ZNK13QGraphicsItem12isAncestorOfEPKS_ [QtXml]
ZNK13QGraphicsItem12isObscuredByEPKS [QtXml]	_ZNK13QGraphicsItem12mapFromSceneERK12QPainterPath [QtXml]
_ZNK13QGraphicsItem12mapFromSceneERK6QRectF [QtXml]	_ZNK13QGraphicsItem12mapFromSceneERK7QPointF [QtXml]
_ZNK13QGraphicsItem12mapFromSceneERK9QPolygonF [QtXml]	_ZNK13QGraphicsItem12topLevelItemEv [QtXml]
_ZNK13QGraphicsItem13mapFromParentERK12QPainterPath [QtXml]	_ZNK13QGraphicsItem13mapFromParentERK6QRectF [QtXml]
_ZNK13QGraphicsItem13mapFromParentERK7QPointF [QtXml]	_ZNK13QGraphicsItem13mapFromParentERK9QPolygonF [QtXml]
_ZNK13QGraphicsItem14collidingItemsEN2Qt17ItemSelectionModeE [QtXml]	_ZNK13QGraphicsItem16collidesWithItemEPKS_N2Qt17ItemSelectionModeE [QtXml]
_ZNK13QGraphicsItem16collidesWithPathERK12QPainterPathN2Qt17ItemSelectionModeE [QtXml]	_ZNK13QGraphicsItem16inputMethodQueryEN2Qt16InputMethodQueryE [QtXml]
_ZNK13QGraphicsItem17sceneBoundingRectEv [QtXml]	_ZNK13QGraphicsItem17supportsExtensionENS_9ExtensionE [QtXml]
_ZNK13QGraphicsItem18acceptsHoverEventsEv [QtXml]	_ZNK13QGraphicsItem18handlesChildEventsEv [QtXml]
_ZNK13QGraphicsItem20acceptedMouseButtonsEv [QtXml]	_ZNK13QGraphicsItem20childrenBoundingRectEv [QtXml]
_ZNK13QGraphicsItem3posEv [QtXml]	_ZNK13QGraphicsItem4dataEi [QtXml]
_ZNK13QGraphicsItem4typeEv [QtXml]	_ZNK13QGraphicsItem5flagsEv [QtXml]
_ZNK13QGraphicsItem5groupEv [QtXml]	_ZNK13QGraphicsItem5sceneEv [QtXml]
_ZNK13QGraphicsItem5shapeEv [QtXml]	_ZNK13QGraphicsItem6cursorEv [QtXml]
_ZNK13QGraphicsItem6matrixEv [QtXml]	_ZNK13QGraphicsItem6zValueEv [QtXml]
_ZNK13QGraphicsItem7toolTipEv [QtXml]	_ZNK13QGraphicsItem8childrenEv [QtXml]
_ZNK13QGraphicsItem8containsERK7QPointF [QtXml]	_ZNK13QGraphicsItem8hasFocusEv [QtXml]
_ZNK13QGraphicsItem8scenePosEv	_ZNK13QGraphicsItem9extensionE

[QtXml]	RK8QVariant [QtXml]
_ZNK13QGraphicsItem9hasCursorEv [QtXml]	_ZNK13QGraphicsItem9isEnabledEv [QtXml]
_ZNK13QGraphicsItem9isVisibleEv [QtXml]	_ZNK13QGraphicsItem9mapToItemEPKS_RK12QPainterPath [QtXml]
_ZNK13QGraphicsItem9mapToItemEPKS_RK6QRectF [QtXml]	_ZNK13QGraphicsItem9mapToItemEPKS_RK7QPointF [QtXml]
_ZNK13QGraphicsItem9mapToItemEPKS_RK9QPolygonF [QtXml]	_ZNK13QGraphicsView10mapToSceneERK12QPainterPath [QtXml]
_ZNK13QGraphicsView10mapToSceneERK5QRect [QtXml]	_ZNK13QGraphicsView10mapToSceneERK6QPoint [QtXml]
_ZNK13QGraphicsView10mapToSceneERK8QPolygon [QtXml]	_ZNK13QGraphicsView10metaObjectEv [QtXml]
_ZNK13QGraphicsView11renderHintsEv [QtXml]	_ZNK13QGraphicsView12mapFromSceneERK12QPainterPath [QtXml]
_ZNK13QGraphicsView12mapFromSceneERK6QRectF [QtXml]	_ZNK13QGraphicsView12mapFromSceneERK7QPointF [QtXml]
_ZNK13QGraphicsView12mapFromSceneERK9QPolygonF [QtXml]	_ZNK13QGraphicsView12resizeAnchorEv [QtXml]
_ZNK13QGraphicsView13isInteractiveEv [QtXml]	_ZNK13QGraphicsView15backgroundBrushEv [QtXml]
_ZNK13QGraphicsView15foregroundBrushEv [QtXml]	_ZNK13QGraphicsView16inputMethodQueryEN2Qt16InputMethodQueryE [QtXml]
_ZNK13QGraphicsView20transformationAnchorEv [QtXml]	_ZNK13QGraphicsView5itemsERK12QPainterPathN2Qt17ItemSelectionModeE [QtXml]
_ZNK13QGraphicsView5itemsERK5QRectN2Qt17ItemSelectionModeE [QtXml]	_ZNK13QGraphicsView5itemsERK6QPoint [QtXml]
_ZNK13QGraphicsView5itemsERK8QPolygonN2Qt17ItemSelectionModeE [QtXml]	_ZNK13QGraphicsView5itemsEv [QtXml]
_ZNK13QGraphicsView5sceneEv [QtXml]	_ZNK13QGraphicsView6itemAtERK6QPoint [QtXml]
_ZNK13QGraphicsView6matrixEv [QtXml]	_ZNK13QGraphicsView8dragModeEv [QtXml]
_ZNK13QGraphicsView8sizeHintEv [QtXml]	_ZNK13QGraphicsView9alignmentEv [QtXml]
_ZNK13QGraphicsView9cacheModeEv [QtXml]	_ZNK13QGraphicsView9sceneRectEv [QtXml]
_ZNK14QGraphicsScene10metaObjectEv [QtXml]	_ZNK14QGraphicsScene13selectedItemsEv [QtXml]
_ZNK14QGraphicsScene14collidingItemsEPK13QGraphicsItemN2Qt17ItemSelectionModeE [QtXml]	_ZNK14QGraphicsScene15backgroundBrushEv [QtXml]

_ZNK14QGraphicsScene15foregroundBrushEv [QtXml]	_ZNK14QGraphicsScene15itemIndexMethodEv [QtXml]
_ZNK14QGraphicsScene16inputMethodQueryEN2Qt16InputMethodQueryE [QtXml]	_ZNK14QGraphicsScene16mouseGrabberItemEv [QtXml]
_ZNK14QGraphicsScene17itemsBoundingRectEv [QtXml]	_ZNK14QGraphicsScene5itemsERK12QPainterPathN2Qt17ItemSelectionModeE [QtXml]
_ZNK14QGraphicsScene5itemsERK6QRectFN2Qt17ItemSelectionModeE [QtXml]	_ZNK14QGraphicsScene5itemsERK7QPointF [QtXml]
_ZNK14QGraphicsScene5itemsERK9QPolygonFN2Qt17ItemSelectionModeE [QtXml]	_ZNK14QGraphicsScene5itemsEv [QtXml]
_ZNK14QGraphicsScene5viewsEv [QtXml]	_ZNK14QGraphicsScene6itemAtERK7QPointF [QtXml]
_ZNK14QGraphicsScene8hasFocusEv [QtXml]	_ZNK14QGraphicsScene9focusItemEv [QtXml]
_ZNK14QGraphicsScene9sceneRectEv [QtXml]	_ZNK15QLinearGradient5startEv [QtGui]
_ZNK15QLinearGradient9finalStopEv [QtGui]	_ZNK15QRadialGradient10focalPointEv [QtGui]
_ZNK15QRadialGradient6centerEv [QtGui]	_ZNK15QRadialGradient6radiusEv [QtGui]
_ZNK16QConicalGradient5angleEv [QtGui]	_ZNK16QConicalGradient6centerEv [QtGui]
_ZNK17QGraphicsLineItem10opaqueAreaEv [QtXml]	_ZNK17QGraphicsLineItem12boundingRectEv [QtXml]
_ZNK17QGraphicsLineItem12isObscuredByEPK13QGraphicsItem [QtXml]	_ZNK17QGraphicsLineItem17supportsExtensionEN13QGraphicsItem9ExtensionE [QtXml]
_ZNK17QGraphicsLineItem3penEv [QtXml]	_ZNK17QGraphicsLineItem4lineEv [QtXml]
_ZNK17QGraphicsLineItem4typeEv [QtXml]	_ZNK17QGraphicsLineItem5shapeEv [QtXml]
_ZNK17QGraphicsLineItem8containsERK7QPointF [QtXml]	_ZNK17QGraphicsLineItem9extensionERK8QVariant [QtXml]
_ZNK17QGraphicsPathItem10opaqueAreaEv [QtXml]	_ZNK17QGraphicsPathItem12boundingRectEv [QtXml]
_ZNK17QGraphicsPathItem12isObscuredByEPK13QGraphicsItem [QtXml]	_ZNK17QGraphicsPathItem17supportsExtensionEN13QGraphicsItem9ExtensionE [QtXml]
_ZNK17QGraphicsPathItem4pathEv [QtXml]	_ZNK17QGraphicsPathItem4typeEv [QtXml]
_ZNK17QGraphicsPathItem5shapeEv [QtXml]	_ZNK17QGraphicsPathItem8containsERK7QPointF [QtXml]

_ZNK17QGraphicsPathItem9extensionERK8QVariant [QtXml]	_ZNK17QGraphicsRectItem10opaqueAreaEv [QtXml]
_ZNK17QGraphicsRectItem12boundingRectEv [QtXml]	_ZNK17QGraphicsRectItem12isObscuredByEPK13QGraphicsItem [QtXml]
_ZNK17QGraphicsRectItem17supportsExtensionEN13QGraphicsItem9ExtensionE [QtXml]	_ZNK17QGraphicsRectItem4rectEv [QtXml]
_ZNK17QGraphicsRectItem4typeEv [QtXml]	_ZNK17QGraphicsRectItem5shapeEv [QtXml]
_ZNK17QGraphicsRectItem8containsERK7QPointF [QtXml]	_ZNK17QGraphicsRectItem9extensionERK8QVariant [QtXml]
_ZNK17QGraphicsTextItem10metaObjectEv [QtXml]	_ZNK17QGraphicsTextItem10opaqueAreaEv [QtXml]
_ZNK17QGraphicsTextItem10textCursorEv [QtXml]	_ZNK17QGraphicsTextItem11toPlainTextEv [QtXml]
_ZNK17QGraphicsTextItem12boundingRectEv [QtXml]	_ZNK17QGraphicsTextItem12isObscuredByEPK13QGraphicsItem [QtXml]
_ZNK17QGraphicsTextItem16defaultTextColorEv [QtXml]	_ZNK17QGraphicsTextItem16inputMethodQueryEN2Qt16InputMethodQueryE [QtXml]
_ZNK17QGraphicsTextItem17openExternalLinksEv [QtXml]	_ZNK17QGraphicsTextItem17supportsExtensionEN13QGraphicsItem9ExtensionE [QtXml]
_ZNK17QGraphicsTextItem20textInteractionFlagsEv [QtXml]	_ZNK17QGraphicsTextItem4fontEv [QtXml]
_ZNK17QGraphicsTextItem4typeEv [QtXml]	_ZNK17QGraphicsTextItem5shapeEv [QtXml]
_ZNK17QGraphicsTextItem6toHtmlEv [QtXml]	_ZNK17QGraphicsTextItem8containsERK7QPointF [QtXml]
_ZNK17QGraphicsTextItem8documentEv [QtXml]	_ZNK17QGraphicsTextItem9extensionERK8QVariant [QtXml]
_ZNK17QGraphicsTextItem9textWidthEv [QtXml]	_ZNK17QPaintEngineState10clipRegionEv [QtGui]
_ZNK17QPaintEngineState11brushOriginEv [QtGui]	_ZNK17QPaintEngineState11renderHintsEv [QtGui]
_ZNK17QPaintEngineState13clipOperationEv [QtGui]	_ZNK17QPaintEngineState13isClipEnabledEv [QtGui]
_ZNK17QPaintEngineState14backgroundModeEv [QtGui]	_ZNK17QPaintEngineState15backgroundBrushEv [QtGui]
_ZNK17QPaintEngineState15compositionModeEv [QtGui]	_ZNK17QPaintEngineState3penEv [QtGui]
_ZNK17QPaintEngineState4fontEv [QtGui]	_ZNK17QPaintEngineState5brushEv [QtGui]
_ZNK17QPaintEngineState6matrixE	_ZNK17QPaintEngineState7opacityE

v [QtGui]	v [QtXml]
_ZNK17QPaintEngineState7painterEv [QtGui]	_ZNK17QPaintEngineState8clipPathEv [QtGui]
_ZNK18QGraphicsItemGroup10opaqueAreaEv [QtXml]	_ZNK18QGraphicsItemGroup12boundingRectEv [QtXml]
_ZNK18QGraphicsItemGroup12isObscuredByEPK13QGraphicsItem [QtXml]	_ZNK18QGraphicsItemGroup4typeEv [QtXml]
_ZNK19QGraphicsPixmapItem10opaqueAreaEv [QtXml]	_ZNK19QGraphicsPixmapItem12boundingRectEv [QtXml]
_ZNK19QGraphicsPixmapItem12isObscuredByEPK13QGraphicsItem [QtXml]	_ZNK19QGraphicsPixmapItem17supportsExtensionEN13QGraphicsItem9ExtensionE [QtXml]
_ZNK19QGraphicsPixmapItem18transformationModeEv [QtXml]	_ZNK19QGraphicsPixmapItem4typeEv [QtXml]
_ZNK19QGraphicsPixmapItem5shapeEv [QtXml]	_ZNK19QGraphicsPixmapItem6offsetEv [QtXml]
_ZNK19QGraphicsPixmapItem6pixmapEv [QtXml]	_ZNK19QGraphicsPixmapItem8containsERK7QPointF [QtXml]
_ZNK19QGraphicsPixmapItem9extensionERK8QVariant [QtXml]	_ZNK19QGraphicsPixmapItem9shapeModeEv [QtXml]
_ZNK19QGraphicsSceneEvent6widgetEv [QtXml]	_ZNK19QPainterPathStroker10miterLimitEv [QtGui]
_ZNK19QPainterPathStroker11dashPatternEv [QtGui]	_ZNK19QPainterPathStroker12createStrokeERK12QPainterPath [QtGui]
_ZNK19QPainterPathStroker14curveThresholdEv [QtGui]	_ZNK19QPainterPathStroker5widthEv [QtGui]
_ZNK19QPainterPathStroker8capStyleEv [QtGui]	_ZNK19QPainterPathStroker9joinStyleEv [QtGui]
_ZNK20QGraphicsEllipseItem10opaqueAreaEv [QtXml]	_ZNK20QGraphicsEllipseItem10startAngleEv [QtXml]
_ZNK20QGraphicsEllipseItem12boundingRectEv [QtXml]	_ZNK20QGraphicsEllipseItem12isObscuredByEPK13QGraphicsItem [QtXml]
_ZNK20QGraphicsEllipseItem17supportsExtensionEN13QGraphicsItem9ExtensionE [QtXml]	_ZNK20QGraphicsEllipseItem4rectEv [QtXml]
_ZNK20QGraphicsEllipseItem4typeEv [QtXml]	_ZNK20QGraphicsEllipseItem5shapeEv [QtXml]
_ZNK20QGraphicsEllipseItem8containsERK7QPointF [QtXml]	_ZNK20QGraphicsEllipseItem9extensionERK8QVariant [QtXml]
_ZNK20QGraphicsEllipseItem9spanAngleEv [QtXml]	_ZNK20QGraphicsPolygonItem10opaqueAreaEv [QtXml]
_ZNK20QGraphicsPolygonItem12boundingRectEv [QtXml]	_ZNK20QGraphicsPolygonItem12isObscuredByEPK13QGraphicsItem [QtXml]

_ZNK20QGraphicsPolygonItem17supportsExtensionEN13QGraphicsItem9ExtensionE [QtXml]	_ZNK20QGraphicsPolygonItem4typeEv [QtXml]
_ZNK20QGraphicsPolygonItem5shapeEv [QtXml]	_ZNK20QGraphicsPolygonItem7polygonEv [QtXml]
_ZNK20QGraphicsPolygonItem8containsERK7QPointF [QtXml]	_ZNK20QGraphicsPolygonItem8fillRuleEv [QtXml]
_ZNK20QGraphicsPolygonItem9extensionERK8QVariant [QtXml]	_ZNK22QGraphicsItemAnimation10metaObjectEv [QtXml]
_ZNK22QGraphicsItemAnimation10rotationAtEd [QtXml]	_ZNK22QGraphicsItemAnimation14xTranslationAtEd [QtXml]
_ZNK22QGraphicsItemAnimation14yTranslationAtEd [QtXml]	_ZNK22QGraphicsItemAnimation15verticalScaleAtEd [QtXml]
_ZNK22QGraphicsItemAnimation15verticalShearAtEd [QtXml]	_ZNK22QGraphicsItemAnimation17horizontalScaleAtEd [QtXml]
_ZNK22QGraphicsItemAnimation17horizontalShearAtEd [QtXml]	_ZNK22QGraphicsItemAnimation4itemEv [QtXml]
_ZNK22QGraphicsItemAnimation5posAtEd [QtXml]	_ZNK22QGraphicsItemAnimation8matrixAtEd [QtXml]
_ZNK22QGraphicsItemAnimation8timeLineEv [QtXml]	_ZNK23QGraphicsSceneHelpEvent8scenePosEv [QtXml]
_ZNK23QGraphicsSceneHelpEvent9screenPosEv [QtXml]	_ZNK23QGraphicsSimpleTextItem10opaqueAreaEv [QtXml]
_ZNK23QGraphicsSimpleTextItem12boundingRectEv [QtXml]	_ZNK23QGraphicsSimpleTextItem12isObscuredByEPK13QGraphicsItem [QtXml]
_ZNK23QGraphicsSimpleTextItem17supportsExtensionEN13QGraphicsItem9ExtensionE [QtXml]	_ZNK23QGraphicsSimpleTextItem4fontEv [QtXml]
_ZNK23QGraphicsSimpleTextItem4textEv [QtXml]	_ZNK23QGraphicsSimpleTextItem4typeEv [QtXml]
_ZNK23QGraphicsSimpleTextItem5shapeEv [QtXml]	_ZNK23QGraphicsSimpleTextItem8containsERK7QPointF [QtXml]
_ZNK23QGraphicsSimpleTextItem9extensionERK8QVariant [QtXml]	_ZNK24QGraphicsSceneHoverEvent3posEv [QtXml]
_ZNK24QGraphicsSceneHoverEvent8scenePosEv [QtXml]	_ZNK24QGraphicsSceneHoverEvent9screenPosEv [QtXml]
_ZNK24QGraphicsSceneMouseEvent12lastScenePosEv [QtXml]	_ZNK24QGraphicsSceneMouseEvent13buttonDownPosEN2Qt11MouseButtonE [QtXml]
_ZNK24QGraphicsSceneMouseEvent13lastScreenPosEv [QtXml]	_ZNK24QGraphicsSceneMouseEvent18buttonDownScenePosEN2Qt11MouseButtonE [QtXml]
_ZNK24QGraphicsSceneMouseEvent19buttonDownScreenPosEN2Qt11MouseButtonE [QtXml]	_ZNK24QGraphicsSceneMouseEvent3posEv [QtXml]

_ZNK24QGraphicsSceneMouseEvent6buttonEv [QtXml]	_ZNK24QGraphicsSceneMouseEvent7buttonsEv [QtXml]
_ZNK24QGraphicsSceneMouseEvent7lastPosEv [QtXml]	_ZNK24QGraphicsSceneMouseEvent8scenePosEv [QtXml]
_ZNK24QGraphicsSceneMouseEvent9modifiersEv [QtXml]	_ZNK24QGraphicsSceneMouseEvent9screenPosEv [QtXml]
_ZNK24QGraphicsSceneWheelEvent3posEv [QtXml]	_ZNK24QGraphicsSceneWheelEvent5deltaEv [QtXml]
_ZNK24QGraphicsSceneWheelEvent7buttonsEv [QtXml]	_ZNK24QGraphicsSceneWheelEvent8scenePosEv [QtXml]
_ZNK24QGraphicsSceneWheelEvent9modifiersEv [QtXml]	_ZNK24QGraphicsSceneWheelEvent9screenPosEv [QtXml]
_ZNK27QGraphicsSceneDragDropEvent10dropActionEv [QtXml]	_ZNK27QGraphicsSceneDragDropEvent14proposedActionEv [QtXml]
_ZNK27QGraphicsSceneDragDropEvent15possibleActionsEv [QtXml]	_ZNK27QGraphicsSceneDragDropEvent3posEv [QtXml]
_ZNK27QGraphicsSceneDragDropEvent6sourceEv [QtXml]	_ZNK27QGraphicsSceneDragDropEvent7buttonsEv [QtXml]
_ZNK27QGraphicsSceneDragDropEvent8mimeDataEv [QtXml]	_ZNK27QGraphicsSceneDragDropEvent8scenePosEv [QtXml]
_ZNK27QGraphicsSceneDragDropEvent9modifiersEv [QtXml]	_ZNK27QGraphicsSceneDragDropEvent9screenPosEv [QtXml]
_ZNK30QGraphicsSceneContextMenuEvent3posEv [QtXml]	_ZNK30QGraphicsSceneContextMenuEvent6reasonEv [QtXml]
_ZNK30QGraphicsSceneContextMenuEvent8scenePosEv [QtXml]	_ZNK30QGraphicsSceneContextMenuEvent9modifiersEv [QtXml]
_ZNK30QGraphicsSceneContextMenuEvent9screenPosEv [QtXml]	_ZNK4QPen10miterLimitEv [QtGui]
_ZNK4QPen11dashPatternEv [QtGui]	_ZNK4QPen5brushEv [QtGui]
_ZNK4QPen5colorEv [QtGui]	_ZNK4QPen5styleEv [QtGui]
_ZNK4QPen5widthEv [QtGui]	_ZNK4QPen6widthFEv [QtGui]
_ZNK4QPen7isSolidEv [QtGui]	_ZNK4QPen8capStyleEv [QtGui]
_ZNK4QPen9joinStyleEv [QtGui]	_ZNK4QPencv8QVariantEv [QtGui]
ZNK4QPeneqERKS [QtGui]	_ZNK5QIcon10actualSizeERK5QSizeNS_4ModeENS_5StateE [QtGui]
_ZNK5QIcon10isDetachedEv [QtGui]	_ZNK5QIcon12serialNumberEv [QtGui]
_ZNK5QIcon5paintEP8QPainterRK5QRect6QFlagsIN2Qt13AlignmentFlagEENS_4ModeENS_5StateE [QtGui]	_ZNK5QIcon6isNullEv [QtGui]
_ZNK5QIcon6pixmapENS_4SizeENS_4ModeENS_5StateE [QtGui]	_ZNK5QIcon6pixmapENS_4SizeEbNS_5StateE [QtGui]
_ZNK5QIcon6pixmapERK5QSizeNS_4ModeENS_5StateE [QtGui]	_ZNK5QIcon6pixmapEv [QtGui]

_ZNK5QIconcv8QVariantEv [QtGui]	_ZNK6QBrush12textureImageEv [QtXml]
_ZNK6QBrush6pixmapEv [QtGui]	_ZNK6QBrush7textureEv [QtGui]
_ZNK6QBrush8gradientEv [QtGui]	_ZNK6QBrush8isOpaqueEv [QtGui]
_ZNK6QBrushcv8QVariantEv [QtGui]	_ZNK6QBrusheqERKS_ [QtGui]
_ZNK7QMatrix11mapToRegionERK5QRect [QtGui]	_ZNK7QMatrix12mapToPolygonERK5QRect [QtGui]
_ZNK7QMatrix3mapERK12QPainterPath [QtGui]	_ZNK7QMatrix3mapERK5QLine [QtGui]
_ZNK7QMatrix3mapERK6QLineF [QtGui]	_ZNK7QMatrix3mapERK6QPoint [QtGui]
_ZNK7QMatrix3mapERK7QPointF [QtGui]	_ZNK7QMatrix3mapERK7QRegion [QtGui]
_ZNK7QMatrix3mapERK8QPolygon [QtGui]	_ZNK7QMatrix3mapERK9QPolygonF [QtGui]
ZNK7QMatrix3mapEddPdS0 [QtGui]	_ZNK7QMatrix3mapEiiPiS0_ [QtGui]
_ZNK7QMatrix7mapRectERK5QRect [QtGui]	_ZNK7QMatrix7mapRectERK6QRectF [QtGui]
_ZNK7QMatrix8invertedEPb [QtGui]	_ZNK7QMatrixcv8QVariantEv [QtXml]
ZNK7QMatrixeqERKS [QtGui]	_ZNK7QMatrixmlERKS_ [QtGui]
ZNK7QMatrixneRKS [QtGui]	_ZNK7QRegion10intersectsERK5QRect [QtXml]
ZNK7QRegion10intersectsERKS [QtXml]	_ZNK7QRegion10translatedEii [QtGui]
_ZNK7QRegion12boundingRectEv [QtGui]	_ZNK7QRegion3eorERKS_ [QtGui]
_ZNK7QRegion5rectsEv [QtGui]	_ZNK7QRegion5uniteRKS_ [QtGui]
_ZNK7QRegion7isEmptyEv [QtGui]	_ZNK7QRegion8containsERK5QRect [QtGui]
_ZNK7QRegion8containsERK6QPoint [QtGui]	_ZNK7QRegion8subtractERKS_ [QtGui]
ZNK7QRegion9intersectERKS [QtGui]	_ZNK7QRegionanERKS_ [QtGui]
_ZNK7QRegioncv8QVariantEv [QtGui]	_ZNK7QRegioneoERKS_ [QtGui]
ZNK7QRegioneqERKS [QtGui]	_ZNK7QRegionmiERKS_ [QtGui]
ZNK7QRegionorERKS [QtGui]	_ZNK7QRegionplERKS_ [QtGui]
_ZNK8QPainter10backgroundEv [QtGui]	_ZNK8QPainter10clipRegionEv [QtGui]
_ZNK8QPainter11brushOriginEv [QtGui]	_ZNK8QPainter11fontMetricsEv [QtGui]

_ZNK8QPainter11hasClippingEv [QtGui]	_ZNK8QPainter11paintEngineEv [QtGui]
_ZNK8QPainter11renderHintsEv [QtGui]	_ZNK8QPainter11worldMatrixEv [QtXml]
_ZNK8QPainter12deviceMatrixEv [QtGui]	_ZNK8QPainter12translationXEv [QtGui]
_ZNK8QPainter12translationYEv [QtGui]	_ZNK8QPainter13matrixEnabledEv [QtGui]
_ZNK8QPainter14backgroundMode Ev [QtGui]	_ZNK8QPainter14combinedMatrixE v [QtXml]
_ZNK8QPainter15compositionMode Ev [QtGui]	_ZNK8QPainter15layoutDirectionEv [QtGui]
_ZNK8QPainter18worldMatrixEnabl edEv [QtXml]	_ZNK8QPainter20viewTransformEn abledEv [QtGui]
ZNK8QPainter3mapEiiPiS0 [QtGui]	_ZNK8QPainter3penEv [QtGui]
_ZNK8QPainter4fontEv [QtGui]	_ZNK8QPainter5brushEv [QtGui]
_ZNK8QPainter5xFormERK5QRect [QtGui]	_ZNK8QPainter5xFormERK6QPoint [QtGui]
_ZNK8QPainter5xFormERK8QPolyg on [QtGui]	_ZNK8QPainter5xFormERK8QPolyg onii [QtGui]
_ZNK8QPainter6deviceEv [QtGui]	_ZNK8QPainter6matrixEv [QtGui]
_ZNK8QPainter6windowEv [QtGui]	_ZNK8QPainter7opacityEv [QtXml]
_ZNK8QPainter8clipPathEv [QtGui]	_ZNK8QPainter8fontInfoEv [QtGui]
_ZNK8QPainter8isActiveEv [QtGui]	_ZNK8QPainter8viewportEv [QtGui]
_ZNK8QPainter8xFormDevERK5QR ect [QtGui]	_ZNK8QPainter8xFormDevERK6QP oint [QtGui]
_ZNK8QPainter8xFormDevERK8QP olygon [QtGui]	_ZNK8QPainter8xFormDevERK8QP olygonii [QtGui]
_ZNK8QPolygon12boundingRectEv [QtGui]	_ZNK8QPolygon5pointEiPiS0_ [QtGui]
_ZNK8QPolygoncv8QVariantEv [QtGui]	_ZNK9QGradient14coordinateMode Ev [QtXml]
_ZNK9QGradient5stopsEv [QtGui]	_ZNK9QGradienteqERKS_ [QtGui]
_ZNK9QPolygonF12boundingRectE v [QtGui]	_ZNK9QPolygonF9toPolygonEv [QtGui]
_Zls6QDebugP13QGraphicsItem [QtGui]	_Zls6QDebugRK4QPen [QtGui]
_Zls6QDebugRK6QBrush [QtGui]	_Zls6QDebugRK7QMatrix [QtGui]
_Zls6QDebugRK7QRegion [QtGui]	_Zls6QDebugRK8QPolygon [QtGui]
_Zls6QDebugRK9QPolygonF [QtGui]	_ZlsR11QDataStreamRK12QPainter Path [QtGui]
_ZlsR11QDataStreamRK4QPen [QtGui]	_ZlsR11QDataStreamRK5QIcon [QtXml]

_ZlsR11QDataStreamRK6QBrush [QtGui]	_ZlsR11QDataStreamRK7QMatrix [QtGui]
_ZlsR11QDataStreamRK7QRegion [QtGui]	_ZlsR11QDataStreamRK9QPolygonF [QtGui]
_ZmlRK12QPainterPathRK7QMatrix [QtGui]	_ZrsR11QDataStreamR12QPainterPath [QtGui]
_ZrsR11QDataStreamR4QPen [QtGui]	_ZrsR11QDataStreamR5QIcon [QtXml]
_ZrsR11QDataStreamR6QBrush [QtGui]	_ZrsR11QDataStreamR7QMatrix [QtGui]
_ZrsR11QDataStreamR7QRegion [QtGui]	_ZrsR11QDataStreamR9QPolygonF [QtGui]

17.5 Data Definitions for libQtGui

This section defines global identifiers and their values that are associated with interfaces contained in libQtGui. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

17.5.1 QtGui/qabstractbutton.h

```
class QAbstractButton;
```

17.5.2 QtGui/qabstractitemdelegate.h

```
class QAbstractItemDelegate;
enum _ZN21QAbstractItemDelegate11EndEditHintE {
    NoHint = 0,
    EditNextItem = 1,
    EditPreviousItem = 2,
    SubmitModelCache = 3,
    RevertModelCache = 4
};
```

17.5.3 QtGui/qabstractitemview.h

```
class QAbstractItemView;
enum _ZN17QAbstractItemView13SelectionModeE {
    NoSelection = 0,
    SingleSelection = 1,
```

```
    MultiSelection = 2,
    ExtendedSelection = 3,
    ContiguousSelection = 4
};
enum _ZN17QAbstractItemView17SelectionBehaviorE {
    SelectItems = 0,
    SelectRows = 1,
    SelectColumns = 2
};
enum _ZN17QAbstractItemView10ScrollHintE {
    EnsureVisible = 0,
    PositionAtTop = 1,
    PositionAtBottom = 2
};
enum _ZN17QAbstractItemView11EditTriggerE {
    NoEditTriggers = 0,
    CurrentChanged = 1,
    DoubleClicked = 2,
    SelectedClicked = 4,
    EditKeyPressed = 8,
    AnyKeyPressed = 16,
    AllEditTriggers = 31
};
class QFlags < QAbstractItemView::EditTrigger >;
typedef class QFlags < QAbstractItemView::EditTrigger >
    QAbstractItemView::EditTriggers;
enum _ZN17QAbstractItemView12CursorActionE {
    MoveUp = 0,
    MoveDown = 1,
    MoveLeft = 2,
    MoveRight = 3,
    MoveHome = 4,
    MoveEnd = 5,
    MovePageUp = 6,
    MovePageDown = 7,
    MoveNext = 8,
    MovePrevious = 9
};
enum _ZN17QAbstractItemView5StateE {
    NoState = 0,
    DraggingState = 1,
    DragSelectingState = 2,
    EditingState = 3,
    ExpandingState = 4,
    CollapsingState = 5
};
enum _ZN17QAbstractItemView21DropIndicatorPositionE {
    OnItem = 0,
    AboveItem = 1,
    BelowItem = 2,
    OnViewport = 3
};
```

17.5.4 QtGui/qabstractpagesetupdialog.h

```
class QAbstractPageSetupDialog;
```

17.5.5 QtGui/qabstractprintdialog.h

```
class QAbstractPrintDialog;
enum _ZN20QAbstractPrintDialog10PrintRangeE {
    AllPages = 0,
    Selection = 1,
```

```
    PageRange = 2
};
enum _ZN20QAbstractPrintDialog17PrintDialogOptionE {
    None = 0,
    PrintToFile = 1,
    PrintSelection = 2,
    PrintPageRange = 4,
    PrintCollateCopies = 16
};
class QFlags < QAbstractPrintDialog::PrintDialogOption >;
typedef class QFlags < QAbstractPrintDialog::PrintDialogOption >
    QAbstractPrintDialog::PrintDialogOptions;
```

17.5.6 QtGui/qabstractproxymodel.h

```
class QAbstractProxyModel;
```

17.5.7 QtGui/qabstractscrollarea.h

```
class QAbstractScrollArea;
```

17.5.8 QtGui/qabstractslider.h

```
class QAbstractSlider;
enum _ZN15QAbstractSlider12SliderActionE {
    SliderNoAction = 0,
    SliderSingleStepAdd = 1,
    SliderSingleStepSub = 2,
    SliderPageStepAdd = 3,
    SliderPageStepSub = 4,
    SliderToMinimum = 5,
    SliderToMaximum = 6,
    SliderMove = 7
};
enum _ZN15QAbstractSlider12SliderChangeE {
    SliderRangeChange = 0,
    SliderOrientationChange = 1,
    SliderStepsChange = 2,
    SliderValueChange = 3
};
```

17.5.9 QtGui/qabstractspinbox.h

```
class QAbstractSpinBox;
enum _ZN16QAbstractSpinBox15StepEnabledFlagE {
    StepNone = 0,
    StepUpEnabled = 1,
    StepDownEnabled = 2
};
class QFlags < QAbstractSpinBox::StepEnabledFlag >;
typedef class QFlags < QAbstractSpinBox::StepEnabledFlag >
    QAbstractSpinBox::StepEnabled;
enum _ZN16QAbstractSpinBox13ButtonSymbolsE {
    UpDownArrows = 0,
    PlusMinus = 1
};
```

© 2008 Linux Foundation

17.5.10 QtGui/qabstracttextdocumentlayout.h

```
class QAbstractTextDocumentLayout;
struct QAbstractTextDocumentLayout::Selection;
struct QAbstractTextDocumentLayout::PaintContext;
class QTextObjectInterface;
```

17.5.11 QtGui/qaccessible.h

```
class QAccessible;
enum _ZN11QAccessible5EventE {
    SoundPlayed = 1,
    Alert = 2,
    ForegroundChanged = 3,
    MenuStart = 4,
    MenuEnd = 5,
    PopupMenuStart = 6,
    PopupMenuEnd = 7,
    ContextHelpStart = 12,
    ContextHelpEnd = 13,
    DragDropStart = 14,
    DragDropEnd = 15,
    DialogStart = 16,
    DialogEnd = 17,
    ScrollingStart = 18,
    ScrollingEnd = 19,
    MenuCommand = 24,
    ObjectCreated = 32768,
    ObjectDestroyed = 32769,
    ObjectShow = 32770,
    ObjectHide = 32771,
    ObjectReorder = 32772,
    Focus = 32773,
    Selection = 32774,
    SelectionAdd = 32775,
    SelectionRemove = 32776,
    SelectionWithin = 32777,
    StateChanged = 32778,
    LocationChanged = 32779,
    NameChanged = 32780,
    DescriptionChanged = 32781,
    ValueChanged = 32782,
    ParentChanged = 32783,
    HelpChanged = 32928,
    DefaultActionChanged = 32944,
    AcceleratorChanged = 32960
};
enum _ZN11QAccessible9StateFlagE {
    Modal = -2147483648,
    Normal = 0,
    Unavailable = 1,
    Selected = 2,
    Focused = 4,
    Pressed = 8,
    Checked = 16,
    Mixed = 32,
    ReadOnly = 64,
    HotTracked = 128,
    DefaultButton = 256,
    Expanded = 512,
    Collapsed = 1024,
    Busy = 2048,
    Marqueed = 8192,
```

```
    Animated = 16384,
    Invisible = 32768,
    Offscreen = 65536,
    Sizeable = 131072,
    Moveable = 262144,
    Movable = 262144,
    SelfVoicing = 524288,
    Focusable = 1048576,
    Selectable = 2097152,
    Linked = 4194304,
    Traversed = 8388608,
    MultiSelectable = 16777216,
    ExtSelectable = 33554432,
    Protected = 536870912,
    HasPopup = 1073741824
};
class QFlags < QAccessible::StateFlag >;
typedef     class     QFlags     <     QAccessible::StateFlag     >
QAccessible::State;
enum _ZN11QAccessible4RoleE {
    NoRole = 0,
    TitleBar = 1,
    MenuBar = 2,
    ScrollBar = 3,
    Grip = 4,
    Sound = 5,
    Cursor = 6,
    Caret = 7,
    AlertMessage = 8,
    Window = 9,
    Client = 10,
    PopupMenu = 11,
    MenuItem = 12,
    ToolTip = 13,
    Application = 14,
    Document = 15,
    Pane = 16,
    Chart = 17,
    Dialog = 18,
    Border = 19,
    Grouping = 20,
    Separator = 21,
    ToolBar = 22,
    StatusBar = 23,
    Table = 24,
    ColumnHeader = 25,
    RowHeader = 26,
    Column = 27,
    Row = 28,
    Cell = 29,
    Link = 30,
    HelpBalloon = 31,
    Assistant = 32,
    List = 33,
    ListItem = 34,
    Tree = 35,
    TreeItem = 36,
    PageTab = 37,
    PropertyPage = 38,
    Indicator = 39,
    Graphic = 40,
    StaticText = 41,
    EditableText = 42,
    PushButton = 43,
    CheckBox = 44,
    RadioButton = 45,
```

```
    ComboBox = 46,
    ProgressBar = 48,
    Dial = 49,
    HotkeyField = 50,
    Slider = 51,
    SpinBox = 52,
    Canvas = 53,
    Animation = 54,
    Equation = 55,
    ButtonDropDown = 56,
    ButtonMenu = 57,
    ButtonDropGrid = 58,
    Whitespace = 59,
    PageTabList = 60,
    Clock = 61,
    Splitter = 62,
    LayeredPane = 63,
    UserRole = 65535
};
enum _ZN11QAccessible4TextE {
    Name = 0,
    Description = 1,
    Value = 2,
    Help = 3,
    Accelerator = 4,
    UserText = 65535
};
enum _ZN11QAccessible12RelationFlagE {
    Unrelated = 0,
    Self = 1,
    Ancestor = 2,
    Child = 4,
    Descendent = 8,
    Sibling = 16,
    HierarchyMask = 255,
    Up = 256,
    Down = 512,
    Left = 1024,
    Right = 2048,
    Covers = 4096,
    Covered = 8192,
    GeometryMask = 65280,
    FocusChild = 65536,
    Label = 131072,
    Labelled = 262144,
    Controller = 524288,
    Controlled = 1048576,
    LogicalMask = 16711680
};
class QFlags < QAccessible::RelationFlag >;
typedef    class    QFlags    <    QAccessible::RelationFlag    >
QAccessible::Relation;
enum _ZN11QAccessible6ActionE {
    LastStandardAction = -11,
    AddToSelection = -11,
    ExtendSelection = -10,
    RemoveSelection = -9,
    ClearSelection = -8,
    Select = -7,
    Cancel = -6,
    Accept = -5,
    Decrease = -4,
    Increase = -3,
    SetFocus = -2,
    FirstStandardAction = -1,
    Press = -1,
```

```
    DefaultAction = 0
};
typedef void QAccessible::UpdateHandler;
typedef void QAccessible::RootObjectHandler;
class QAccessibleInterface;
class QAccessibleEvent;
```

17.5.12 QtGui/qaccessiblebridge.h

```
class QAccessibleBridge;
struct QAccessibleBridgeFactoryInterface;
class QAccessibleBridgePlugin;
```

17.5.13 QtGui/qaccessibleobject.h

```
class QAccessibleObject;
class QAccessibleApplication;
```

17.5.14 QtGui/qaccessibleplugin.h

```
struct QAccessibleFactoryInterface;
class QAccessiblePlugin;
```

17.5.15 QtGui/qaccessiblewidget.h

```
class QAccessibleWidget;
```

17.5.16 QtGui/qaction.h

```
class QAction;
enum _ZN7QAction11ActionEventE {
    Trigger = 0,
    Hover = 1
};
```

17.5.17 QtGui/qactiongroup.h

```
class QActionGroup;
```

17.5.18 QtGui/qapplication.h

```
class QApplication;
enum _ZN12QApplication4TypeE {
    Tty = 0,
    GuiClient = 1,
    GuiServer = 2
};
enum _ZN12QApplication9ColorSpecE {
    NormalColor = 0,
    CustomColor = 1,
    ManyColor = 2
};
typedef int QApplication::ColorMode;
```

17.5.19 QtGui/qbitmap.h

```
class QBitmap;
```

17.5.20 QtGui/qboxlayout.h

```
class QBoxLayout;
enum _ZN10QBoxLayout9DirectionE {
    LeftToRight = 0,
    RightToLeft = 1,
    TopToBottom = 2,
    Down = 2,
    BottomToTop = 3,
    Up = 3
};
class QHBoxLayout;
class QVBoxLayout;
```

17.5.21 QtGui/qbrush.h

```
class QBrush;
struct QBrushData;
class QGradient;
enum _ZN9QGradient4TypeE {
    LinearGradient = 0,
    RadialGradient = 1,
    ConicalGradient = 2,
    NoGradient = 3
};
enum _ZN9QGradient6SpreadE {
    PadSpread = 0,
    ReflectSpread = 1,
    RepeatSpread = 2
};
class QLinearGradient;
class QRadialGradient;
class QConicalGradient;
```

17.5.22 QtGui/qbuttongroup.h

```
class QButtonGroup;
```

17.5.23 QtGui/qcdestyle.h

```
class QCDEStyle;
```

17.5.24 QtGui/qcheckbox.h

```
class QCheckBox;
enum _ZN9QCheckBox11ToggleStateE {
    Off = 0,
    NoChange = 1,
    On = 2
};
```

17.5.25 QtGui/qclipboard.h

```
class QClipboard;
enum _ZN10QClipboard4ModeE {
    Clipboard = 0,
    Selection = 1
};
```

17.5.26 QtGui/qcolor.h

```
class QColor;
enum _ZN6QColor4SpecE {
    Invalid = 0,
    Rgb = 1,
    Hsv = 2,
    Cmyk = 3
};
```

17.5.27 QtGui/qcolordialog.h

```
class QColorDialog;
```

17.5.28 QtGui/qcolormap.h

```
class QColormap;
enum _ZN9QColormap4ModeE {
    Direct = 0,
    Indexed = 1,
    Gray = 2
};
```

17.5.29 QtGui/qcombobox.h

```
class QComboBox;
enum _ZN9QComboBox12InsertPolicyE {
    NoInsert = 0,
    NoInsertion = 0,
    AtTop = 1,
    InsertAtTop = 1,
    AtCurrent = 2,
    InsertAtCurrent = 2,
    InsertAtBottom = 3,
    AtBottom = 3,
    InsertAfterCurrent = 4,
    AfterCurrent = 4,
    InsertBeforeCurrent = 5,
    BeforeCurrent = 5
};
typedef enum _ZN9QComboBox12InsertPolicyE {
    NoInsert = 0,
    NoInsertion = 0,
    AtTop = 1,
    InsertAtTop = 1,
    AtCurrent = 2,
    InsertAtCurrent = 2,
    InsertAtBottom = 3,
    AtBottom = 3,
    InsertAfterCurrent = 4,
```

```
    AfterCurrent = 4,
    InsertBeforeCurrent = 5,
    BeforeCurrent = 5
} QComboBox::Policy;
enum _ZN9QComboBox16SizeAdjustPolicyE {
    AdjustToContents = 0,
    AdjustToContentsOnFirstShow = 1,
    AdjustToMinimumContentsLength = 2
};
```

17.5.30 QtGui/qcommonstyle.h

```
class QCommonStyle;
```

17.5.31 QtGui/qcursor.h

```
class QCursor;
typedef enum _ZN2Qt11CursorShapeE QCursorShape;
```

17.5.32 QtGui/qdatetimeedit.h

```
class QDateTimeEdit;
enum _ZN13QDateTimeEdit7SectionE {
    NoSection = 0,
    AmPmSection = 1,
    MSecSection = 2,
    SecondSection = 4,
    MinuteSection = 8,
    HourSection = 16,
    TimeSections_Mask = 31,
    DaySection = 256,
    MonthSection = 512,
    YearSection = 1024,
    DateSections_Mask = 1792
};
class QFlags < QDateTimeEdit::Section >;
typedef     class     QFlags     <     QDateTimeEdit::Section     >
QDateTimeEdit::Sections;
class QTimeEdit;
class QDateEdit;
```

17.5.33 QtGui/qdesktopwidget.h

```
class QDesktopWidget;
```

17.5.34 QtGui/qdial.h

```
typedef enum QtValidLicenseForGuiModule QtGuiModule;
class QDial;
```

17.5.35 QtGui/qdialog.h

```
class QDialog;
enum _ZN7QDialog10DialogCodeE {
    Rejected = 0,
    Accepted = 1
```

```
};
```

17.5.36 QtGui/qdirmodel.h

```
class QFileIconProvider;
enum _ZN17QFileIconProvider8IconTypeE {
    Computer = 0,
    Desktop = 1,
    Trashcan = 2,
    Network = 3,
    Drive = 4,
    Folder = 5,
    File = 6
};
class QDirModel;
enum _ZN9QDirModel5RolesE {
    FileIconRole = 1,
    FilePathRole = 33,
    FileNameRole = 34
};
```

17.5.37 QtGui/qdockwidget.h

```
class QDockWidget;
enum _ZN11QDockWidget17DockWidgetFeatureE {
    NoDockWidgetFeatures = 0,
    DockWidgetClosable = 1,
    DockWidgetMovable = 2,
    DockWidgetFloatable = 4,
    DockWidgetFeatureMask = 7,
    AllDockWidgetFeatures = 7,
    Reserved = 255
};
class QFlags < QDockWidget::DockWidgetFeature >;
typedef class QFlags < QDockWidget::DockWidgetFeature >
    QDockWidget::DockWidgetFeatures;
```

17.5.38 QtGui/qdrag.h

```
class QDrag;
```

17.5.39 QtGui/qerrormessage.h

```
class QErrorMessage;
```

17.5.40 QtGui/qevent.h

```
class QInputEvent;
class QMouseEvent;
class QHoverEvent;
class QWheelEvent;
class QTabletEvent;
enum _ZN12QTabletEvent12TabletDeviceE {
    NoDevice = 0,
    Puck = 1,
    Stylus = 2,
    Airbrush = 3,
    FourDMouse = 4,
```

```
    XFreeEraser = 5,
    RotationStylus = 6
};
enum _ZN12QTabletEvent11PointerTypeE {
    UnknownPointer = 0,
    Pen = 1,
    Cursor = 2,
    Eraser = 3
};
class QKeyEvent;
class QFocusEvent;
enum _ZN11QFocusEvent6ReasonE {
    Mouse = 0,
    Tab = 1,
    Backtab = 2,
    ActiveWindow = 3,
    Popup = 4,
    Shortcut = 5,
    MenuBar = 6,
    Other = 7
};
class QPaintEvent;
class QMoveEvent;
class QResizeEvent;
class QCloseEvent;
class QIconDragEvent;
class QShowEvent;
class QHideEvent;
class QContextMenuEvent;
enum _ZN17QContextMenuEvent6ReasonE {
    Mouse = 0,
    Keyboard = 1,
    Other = 2
};
class QInputMethodEvent;
enum _ZN17QInputMethodEvent13AttributeTypeE {
    TextFormat = 0,
    Cursor = 1,
    Language = 2,
    Ruby = 3
};
class QInputMethodEvent::Attribute;
class QDropEvent;
enum _ZN10QDropEvent6ActionE {
    Copy = 0,
    Link = 1,
    Move = 2,
    Private = 3,
    UserAction = 3
};
class QDragMoveEvent;
class QDragEnterEvent;
class QDragResponseEvent;
class QDragLeaveEvent;
class QHelpEvent;
class QStatusTipEvent;
class QWhatsThisClickedEvent;
class QActionEvent;
class QFileOpenEvent;
class QToolBarChangeEvent;
class QShortcutEvent;
class QClipboardEvent;
class QWindowStateChangeEvent;
class QMenubarUpdatedEvent;
```

17.5.41 QtGui/qfiledialog.h

```
class QFileDialog;
enum _ZN11QFileDialog8ViewModeE {
    Detail = 0,
    List = 1
};
enum _ZN11QFileDialog8FileModeE {
    AnyFile = 0,
    ExistingFile = 1,
    Directory = 2,
    ExistingFiles = 3,
    DirectoryOnly = 4
};
enum _ZN11QFileDialog10AcceptModeE {
    AcceptOpen = 0,
    AcceptSave = 1
};
enum _ZN11QFileDialog11DialogLabelE {
    LookIn = 0,
    FileName = 1,
    FileType = 2,
    Accept = 3,
    Reject = 4
};
enum _ZN11QFileDialog6OptionE {
    ShowDirsOnly = 1,
    DontResolveSymlinks = 2,
    DontConfirmOverwrite = 4,
    DontUseSheet = 8,
    DontUseNativeDialog = 16
};
class QFlags < QFileDialog::Option >;
typedef     class     QFlags     <     QFileDialog::Option     >
QFileDialog::Options;
typedef enum _ZN11QFileDialog8FileModeE {
    AnyFile = 0,
    ExistingFile = 1,
    Directory = 2,
    ExistingFiles = 3,
    DirectoryOnly = 4
} QFileDialog::Mode;
```

17.5.42 QtGui/qfocusframe.h

```
class QFocusFrame;
```

17.5.43 QtGui/qfont.h

```
class QFont;
enum _ZN5QFont9StyleHintE {
    Helvetica = 0,
    SansSerif = 0,
    Times = 1,
    Serif = 1,
    TypeWriter = 2,
    Courier = 2,
    OldEnglish = 3,
    Decorative = 3,
    System = 4,
    AnyStyle = 5
```

```
};
enum _ZN5QFont13StyleStrategyE {
    PreferDefault = 1,
    PreferBitmap = 2,
    PreferDevice = 4,
    PreferOutline = 8,
    ForceOutline = 16,
    PreferMatch = 32,
    PreferQuality = 64,
    PreferAntialias = 128,
    NoAntialias = 256,
    OpenGLCompatible = 512
};
enum _ZN5QFont6WeightE {
    Light = 25,
    Normal = 50,
    DemiBold = 63,
    Bold = 75,
    Black = 87
};
enum _ZN5QFont5StyleE {
    StyleNormal = 0,
    StyleItalic = 1,
    StyleOblique = 2
};
enum _ZN5QFont7StretchE {
    UltraCondensed = 50,
    ExtraCondensed = 62,
    Condensed = 75,
    SemiCondensed = 87,
    Unstretched = 100,
    SemiExpanded = 112,
    Expanded = 125,
    ExtraExpanded = 150,
    UltraExpanded = 200
};
```

17.5.44 QtGui/qfontdatabase.h

```
class QFontDatabase;
enum _ZN13QFontDatabase13WritingSystemE {
    Any = 0,
    Latin = 1,
    Greek = 2,
    Cyrillic = 3,
    Armenian = 4,
    Hebrew = 5,
    Arabic = 6,
    Syriac = 7,
    Thaana = 8,
    Devanagari = 9,
    Bengali = 10,
    Gurmukhi = 11,
    Gujarati = 12,
    Oriya = 13,
    Tamil = 14,
    Telugu = 15,
    Kannada = 16,
    Malayalam = 17,
    Sinhala = 18,
    Thai = 19,
    Lao = 20,
    Tibetan = 21,
    Myanmar = 22,
```

```
    Georgian = 23,
    Khmer = 24,
    SimplifiedChinese = 25,
    TraditionalChinese = 26,
    Japanese = 27,
    Korean = 28,
    Vietnamese = 29,
    Other = 30,
    WritingSystemsCount = 31
};
```

17.5.45 QtGui/qfontdialog.h

```
class QFontDialog;
```

17.5.46 QtGui/qfontinfo.h

```
class QFontInfo;
```

17.5.47 QtGui/qfontmetrics.h

```
class QFontMetrics;
class QFontMetricsF;
```

17.5.48 QtGui/qframe.h

```
class QFrame;
enum _ZN6QFrame5ShapeE {
    NoFrame = 0,
    Box = 1,
    Panel = 2,
    WinPanel = 3,
    HLine = 4,
    VLine = 5,
    TabWidgetPanel = 6,
    LineEditPanel = 6,
    ToolBarPanel = 6,
    MenuBarPanel = 6,
    PopupPanel = 6,
    StyledPanel = 6,
    GroupBoxPanel = 6
};
enum _ZN6QFrame6ShadowE {
    Plain = 16,
    Raised = 32,
    Sunken = 48
};
```

17.5.49 QtGui/qgridlayout.h

```
class QGridLayout;
```

17.5.50 QtGui/qgroupbox.h

```
class QGroupBox;
```

17.5.51 QtGui/qheaderview.h

```
class QHeaderView;
enum _ZN11QHeaderView10ResizeModeE {
    Interactive = 0,
    Stretch = 1,
    Custom = 2
};
```

17.5.52 QtGui/qicon.h

```
class QIcon;
enum _ZN5QIcon4ModeE {
    Normal = 0,
    Disabled = 1,
    Active = 2
};
enum _ZN5QIcon5StateE {
    On = 0,
    Off = 1
};
enum _ZN5QIcon4SizeE {
    Small = 0,
    Automatic = 0,
    Large = 1
};
typedef class QIconQIconSet;
```

17.5.53 QtGui/qiconengine.h

```
class QIconEngine;
```

17.5.54 QtGui/qiconengineplugin.h

```
struct QIconEngineFactoryInterface;
class QIconEnginePlugin;
```

17.5.55 QtGui/qimage.h

```
class QImageTextKeyLang;
class QImage;
enum _ZN6QImage10InvertModeE {
    InvertRgb = 0,
    InvertRgba = 1
};
enum _ZN6QImage6FormatE {
    Format_Invalid = 0,
    Format_Mono = 1,
    Format_MonoLSB = 2,
    Format_Indexed8 = 3,
    Format_RGB32 = 4,
    Format_ARGB32 = 5,
    Format_ARGB32_Premultiplied = 6
};
enum _ZN6QImage6EndianE {
    BigEndian = 0,
    LittleEndian = 1,
    IgnoreEndian = 2
```

```
};
```

17.5.56 QtGui/qimageiohandler.h

```
class QImageIOHandler;
enum _ZN15QImageIOHandler11ImageOptionE {
    Size = 0,
    ClipRect = 1,
    Description = 2,
    ScaledClipRect = 3,
    ScaledSize = 4,
    CompressionRatio = 5,
    Gamma = 6,
    Quality = 7,
    Name = 8,
    SubType = 9,
    IncrementalReading = 10,
    Endianness = 11,
    Animation = 12,
    BackgroundColor = 13
};
struct QImageIOHandlerFactoryInterface;
class QImageIOPlugin;
enum _ZN14QImageIOPlugin10CapabilityE {
    CanRead = 1,
    CanWrite = 2,
    CanReadIncremental = 4
};
class QFlags < QImageIOPlugin::Capability >;
typedef class QFlags < QImageIOPlugin::Capability >
    QImageIOPlugin::Capabilities;
```

17.5.57 QtGui/qimagereader.h

```
class QImageReader;
enum _ZN12QImageReader16ImageReaderErrorE {
    UnknownError = 0,
    FileNotFoundError = 1,
    DeviceError = 2,
    UnsupportedFormatError = 3,
    InvalidDataError = 4
};
```

17.5.58 QtGui/qimagewriter.h

```
class QImageWriter;
enum _ZN12QImageWriter16ImageWriterErrorE {
    UnknownError = 0,
    DeviceError = 1,
    UnsupportedFormatError = 2
};
```

17.5.59 QtGui/qinputcontext.h

```
class QInputContext;
enum _ZN13QInputContext14StandardFormatE {
    PreeditFormat = 0,
    SelectionFormat = 1
};
```

17.5.60 QtGui/qinputcontextfactory.h

```
class QInputContextFactory;
```

17.5.61 QtGui/qinputcontextplugin.h

```
struct QInputContextFactoryInterface;
class QInputContextPlugin;
```

17.5.62 QtGui/qinputdialog.h

```
class QInputDialog;
enum _ZN12QInputDialog4TypeE {
    LineEdit = 0,
    SpinBox = 1,
    DoubleSpinBox = 2,
    ComboBox = 3,
    EditableComboBox = 4
};
```

17.5.63 QtGui/qitemdelegate.h

```
class QItemDelegate;
```

17.5.64 QtGui/qitemeditorfactory.h

```
class QItemEditorCreatorBase;
class QItemEditorFactory;
```

17.5.65 QtGui/qitemselectionmodel.h

```
class QItemSelectionRange;
class QItemSelectionModel;
enum _ZN19QItemSelectionModel13SelectionFlagE {
    NoUpdate = 0,
    Clear = 1,
    Select = 2,
    ClearAndSelect = 3,
    Deselect = 4,
    Toggle = 8,
    Current = 16,
    SelectCurrent = 18,
    ToggleCurrent = 24,
    Rows = 32,
    Columns = 64
};
class QFlags < QItemSelectionModel::SelectionFlag >;
typedef class QFlags < QItemSelectionModel::SelectionFlag >
    QItemSelectionModel::SelectionFlags;
class QItemSelection;
```

17.5.66 QtGui/qkeysequence.h

```
class QKeySequence;
```

```
enum _ZN12QKeySequence13SequenceMatchE {
    NoMatch = 0,
    PartialMatch = 1,
    ExactMatch = 2,
    Identical = 2
};
enum _ZN12QKeySequence14SequenceFormatE {
    NativeText = 0,
    PortableText = 1
};
```

17.5.67 QtGui/qlabel.h

```
class QLabel;
```

17.5.68 QtGui/qlayout.h

```
class QLayoutIterator;
class QLayout;
enum _ZN7QLayout14SizeConstraintE {
    SetDefaultConstraint = 0,
    Auto = 0,
    SetNoConstraint = 1,
    FreeResize = 1,
    SetMinimumSize = 2,
    Minimum = 2,
    Fixed = 3,
    SetFixedSize = 3,
    SetMaximumSize = 4,
    SetMinAndMaxSize = 5
};
```

17.5.69 QtGui/qlayoutitem.h

```
class QLayoutItem;
class QSpacerItem;
class QWidgetItem;
```

17.5.70 QtGui/qlcdnumber.h

```
class QLCDNumber;
enum _ZN10QLCDNumber4ModeE {
    Hex = 0,
    HEX = 0,
    Dec = 1,
    DEC = 1,
    Oct = 2,
    OCT = 2,
    Bin = 3,
    BIN = 3
};
enum _ZN10QLCDNumber12SegmentStyleE {
    Outline = 0,
    Filled = 1,
    Flat = 2
};
```

17.5.71 QtGui/qlineedit.h

```
class QLineEdit;
enum _ZN9QLineEdit8EchoModeE {
    Normal = 0,
    NoEcho = 1,
    Password = 2
};
```

17.5.72 QtGui/qlistview.h

```
class QListView;
enum _ZN9QListView8MovementE {
    Static = 0,
    Free = 1,
    Snap = 2
};
enum _ZN9QListView4FlowE {
    LeftToRight = 0,
    TopToBottom = 1
};
enum _ZN9QListView10ResizeModeE {
    Fixed = 0,
    Adjust = 1
};
enum _ZN9QListView10LayoutModeE {
    SinglePass = 0,
    Batched = 1
};
enum _ZN9QListView8ViewModeE {
    ListMode = 0,
    IconMode = 1
};
```

17.5.73 QtGui/qlistwidget.h

```
class QListWidgetItem;
class QListWidget;
```

17.5.74 QtGui/qmainwindow.h

```
class QMainWindow;
```

17.5.75 QtGui/qmatrix.h

```
class QMatrix;
```

17.5.76 QtGui/qmenu.h

```
class QMenu;
```

17.5.77 QtGui/qmenubar.h

```
class QMenuBar;
```

```
enum _ZN8QMenuBar9SeparatorE {
    Never = 0,
    InWindowsStyle = 1
};
```

17.5.78 QtGui/qmenudata.h

```
class QMenuItem;
```

17.5.79 QtGui/qmessagebox.h

```
class QMessageBox;
enum _ZN11QMessageBox4IconE {
    NoIcon = 0,
    Information = 1,
    Warning = 2,
    Critical = 3,
    Question = 4
};
enum _ZN11QMessageBox6ButtonE {
    NoButton = 0,
    Ok = 1,
    Cancel = 2,
    Yes = 3,
    No = 4,
    Abort = 5,
    Retry = 6,
    Ignore = 7,
    YesAll = 8,
    NoAll = 9,
    ButtonMask = 255,
    Default = 256,
    Escape = 512,
    FlagMask = 768
};
```

17.5.80 QtGui/qmime.h

```
class QMimeSource;
```

17.5.81 QtGui/qmotifstyle.h

```
class QMotifStyle;
```

17.5.82 QtGui/qmovie.h

```
class QMovie;
enum _ZN6QMovie10MovieStateE {
    NotRunning = 0,
    Paused = 1,
    Running = 2
};
enum _ZN6QMovie9CacheModeE {
    CacheNone = 0,
    CacheAll = 1
};
```

17.5.83 QtGui/qpagesetupdialog.h

```
class QPageSetupDialog;
```

17.5.84 QtGui/qpaintdevice.h

```
class QPaintDevice;
enum _ZN12QPaintDevice17PaintDeviceMetricE {
    PdmWidth = 1,
    PdmHeight = 2,
    PdmWidthMM = 3,
    PdmHeightMM = 4,
    PdmNumColors = 5,
    PdmDepth = 6,
    PdmDpiX = 7,
    PdmDpiY = 8,
    PdmPhysicalDpiX = 9,
    PdmPhysicalDpiY = 10
};
```

17.5.85 QtGui/qpaintengine.h

```
class QTextItem;
enum _ZN9QTextItem10RenderFlagE {
    Dummy = -1,
    RightToLeft = 1,
    Overline = 16,
    Underline = 32,
    StrikeOut = 64
};
class QFlags < QTextItem::RenderFlag >;
typedef     class     QFlags     <     QTextItem::RenderFlag     >
QTextItem::RenderFlags;
class QPaintEngine;
enum _ZN12QPaintEngine18PaintEngineFeatureE {
    AllFeatures = -1,
    PrimitiveTransform = 1,
    PatternTransform = 2,
    PixmapTransform = 4,
    PatternBrush = 8,
    LinearGradientFill = 16,
    RadialGradientFill = 32,
    ConicalGradientFill = 64,
    AlphaBlend = 128,
    PorterDuff = 256,
    PainterPaths = 512,
    Antialiasing = 1024,
    BrushStroke = 2048,
    PaintOutsidePaintEvent = 536870912
};
class QFlags < QPaintEngine::PaintEngineFeature >;
typedef class QFlags < QPaintEngine::PaintEngineFeature >
    QPaintEngine::PaintEngineFeatures;
enum _ZN12QPaintEngine9DirtyFlagE {
    DirtyPen = 1,
    DirtyBrush = 2,
    DirtyBrushOrigin = 4,
    DirtyFont = 8,
    DirtyBackground = 16,
    DirtyBackgroundMode = 32,
    DirtyTransform = 64,
```

```
    DirtyClipRegion = 128,
    DirtyClipPath = 256,
    DirtyHints = 512,
    DirtyCompositionMode = 1024,
    DirtyClipEnabled = 2048,
    AllDirty = 65535
};
class QFlags < QPaintEngine::DirtyFlag >;
typedef    class    QFlags    <    QPaintEngine::DirtyFlag    >
QPaintEngine::DirtyFlags;
enum _ZN12QPaintEngine15PolygonDrawModeE {
    OddEvenMode = 0,
    WindingMode = 1,
    ConvexMode = 2,
    PolylineMode = 3
};
enum _ZN12QPaintEngine4TypeE {
    X11 = 0,
    Windows = 1,
    QuickDraw = 2,
    CoreGraphics = 3,
    MacPrinter = 4,
    QWindowSystem = 5,
    PostScript = 6,
    OpenGL = 7,
    Picture = 8,
    SVG = 9,
    Raster = 10,
    User = 50,
    MaxUser = 100
};
class QPaintEngineState;
```

17.5.86 QtGui/qpainter.h

```
class QPainter;
enum _ZN8QPainter10RenderHintE {
    Antialiasing = 1,
    TextAntialiasing = 2,
    SmoothPixmapTransform = 4
};
class QFlags < QPainter::RenderHint >;
typedef     class     QFlags     <     QPainter::RenderHint     >
QPainter::RenderHints;
enum _ZN8QPainter15CompositionModeE {
    CompositionMode_SourceOver = 0,
    CompositionMode_DestinationOver = 1,
    CompositionMode_Clear = 2,
    CompositionMode_Source = 3,
    CompositionMode_Destination = 4,
    CompositionMode_SourceIn = 5,
    CompositionMode_DestinationIn = 6,
    CompositionMode_SourceOut = 7,
    CompositionMode_DestinationOut = 8,
    CompositionMode_SourceAtop = 9,
    CompositionMode_DestinationAtop = 10,
    CompositionMode_Xor = 11
};
```

17.5.87 QtGui/qpainterpath.h

```
class QPainterPath;
enum _ZN12QPainterPath11ElementTypeE {
```

```
    MoveToElement = 0,
    LineToElement = 1,
    CurveToElement = 2,
    CurveToDataElement = 3
};
class QPainterPath::Element;
class QPainterPathPrivate;
class QPainterPathStroker;
```

17.5.88 QtGui/qpalette.h

```
class QPalette;
enum _ZN8QPalette10ColorGroupE {
    Active = 0,
    Normal = 0,
    Disabled = 1,
    Inactive = 2,
    NColorGroups = 3,
    Current = 4,
    All = 5
};
enum _ZN8QPalette9ColorRoleE {
    WindowText = 0,
    Foreground = 0,
    Button = 1,
    Light = 2,
    Midlight = 3,
    Dark = 4,
    Mid = 5,
    Text = 6,
    BrightText = 7,
    ButtonText = 8,
    Base = 9,
    Background = 10,
    Window = 10,
    Shadow = 11,
    Highlight = 12,
    HighlightedText = 13,
    Link = 14,
    LinkVisited = 15,
    AlternateBase = 16,
    NColorRoles = 17,
    NoRole = 17
};
class QColorGroup;
```

17.5.89 QtGui/qpen.h

```
class QPen;
```

17.5.90 QtGui/qpicture.h

```
class QPicture;
typedef void picture_io_handler;
class QPictureIO;
```

17.5.91 QtGui/qpictureformatplugin.h

```
struct QPictureFormatInterface;
```

```
class QPictureFormatPlugin;
```

17.5.92 QtGui/qpixmap.h

```
class QPixmap;
enum _ZN7QPixmap9ColorModeE {
    Auto = 0,
    Color = 1,
    Mono = 2
};
enum _ZN7QPixmap4TypeE {
    PixmapType = 0,
    BitmapType = 1
};
```

17.5.93 QtGui/qpixmapcache.h

```
class QPixmapCache;
```

17.5.94 QtGui/qplastiquestyle.h

```
class QPlastiqueStyle;
```

17.5.95 QtGui/qpolygon.h

```
class QPolygon;
class QPolygonF;
```

17.5.96 QtGui/qprintdialog.h

```
class QPrintDialog;
```

17.5.97 QtGui/qprintengine.h

```
class QPrintEngine;
enum _ZN12QPrintEngine22PrintEnginePropertyKeyE {
    PPK_CollateCopies = 0,
    PPK_ColorMode = 1,
    PPK_Creator = 2,
    PPK_DocumentName = 3,
    PPK_FullPage = 4,
    PPK_NumberOfCopies = 5,
    PPK_Orientation = 6,
    PPK_OutputFileName = 7,
    PPK_PageOrder = 8,
    PPK_PageRect = 9,
    PPK_PageSize = 10,
    PPK_PaperRect = 11,
    PPK_PaperSource = 12,
    PPK_PrinterName = 13,
    PPK_PrinterProgram = 14,
    PPK_Resolution = 15,
    PPK_SelectionOption = 16,
    PPK_SupportedResolutions = 17,
    PPK_WindowsPageSize = 18,
    PPK_FontEmbedding = 19,
```

```
    PPK_SuppressSystemPrintStatus = 20,
    PPK_CustomBase = 65280
};
```

17.5.98 QtGui/qprinter.h

```
class QPrinter;
enum _ZN8QPrinter11PrinterModeE {
    ScreenResolution = 0,
    PrinterResolution = 1,
    HighResolution = 2
};
enum _ZN8QPrinter11OrientationE {
    Portrait = 0,
    Landscape = 1
};
enum _ZN8QPrinter8PageSizeE {
    A4 = 0,
    B5 = 1,
    Letter = 2,
    Legal = 3,
    Executive = 4,
    A0 = 5,
    A1 = 6,
    A2 = 7,
    A3 = 8,
    A5 = 9,
    A6 = 10,
    A7 = 11,
    A8 = 12,
    A9 = 13,
    B0 = 14,
    B1 = 15,
    B10 = 16,
    B2 = 17,
    B3 = 18,
    B4 = 19,
    B6 = 20,
    B7 = 21,
    B8 = 22,
    B9 = 23,
    C5E = 24,
    Comm10E = 25,
    DLE = 26,
    Folio = 27,
    Ledger = 28,
    Tabloid = 29,
    Custom = 30,
    NPageSize = 30
};
enum _ZN8QPrinter9PageOrderE {
    FirstPageFirst = 0,
    LastPageFirst = 1
};
enum _ZN8QPrinter9ColorModeE {
    GrayScale = 0,
    Color = 1
};
enum _ZN8QPrinter11PaperSourceE {
    OnlyOne = 0,
    Lower = 1,
    Middle = 2,
    Manual = 3,
    Envelope = 4,
```

```
    EnvelopeManual = 5,
    Auto = 6,
    Tractor = 7,
    SmallFormat = 8,
    LargeFormat = 9,
    LargeCapacity = 10,
    Cassette = 11,
    FormSource = 12
};
enum _ZN8QPrinter12PrinterStateE {
    Idle = 0,
    Active = 1,
    Aborted = 2,
    Error = 3
};
enum _ZN8QPrinter12OutputFormatE {
    NativeFormat = 0,
    PdfFormat = 1
};
enum _ZN8QPrinter10PrintRangeE {
    AllPages = 0,
    Selection = 1,
    PageRange = 2
};
enum _ZN8QPrinter13PrinterOptionE {
    PrintToFile = 0,
    PrintSelection = 1,
    PrintPageRange = 2
};
```

17.5.99 QtGui/qprogressbar.h

```
class QProgressBar;
enum _ZN12QProgressBar9DirectionE {
    TopToBottom = 0,
    BottomToTop = 1
};
```

17.5.100 QtGui/qprogressdialog.h

```
class QProgressDialog;
```

17.5.101 QtGui/qproxymodel.h

```
class QProxyModel;
```

17.5.102 QtGui/qpushbutton.h

```
class QPushButton;
```

17.5.103 QtGui/qradiobutton.h

```
class QRadioButton;
```

17.5.104 QtGui/qregion.h

```
class QRegion;
enum _ZN7QRegion10RegionTypeE {
    Rectangle = 0,
    Ellipse = 1
};
struct QRegion::QRegionData;
```

17.5.105 QtGui/qrgb.h

```
typedef unsigned int QRgb;
```

17.5.106 QtGui/qrubberband.h

```
class QRubberBand;
enum _ZN11QRubberBand5ShapeE {
    Line = 0,
    Rectangle = 1
};
```

17.5.107 QtGui/qscrollarea.h

```
class QScrollArea;
```

17.5.108 QtGui/qscrollbar.h

```
class QScrollBar;
```

17.5.109 QtGui/qsessionmanager.h

```
class QSessionManager;
enum _ZN15QSessionManager11RestartHintE {
    RestartIfRunning = 0,
    RestartAnyway = 1,
    RestartImmediately = 2,
    RestartNever = 3
};
```

17.5.110 QtGui/qshortcut.h

```
class QShortcut;
```

17.5.111 QtGui/qsizegrip.h

```
class QSizeGrip;
```

17.5.112 QtGui/qsizepolicy.h

```
class QSizePolicy;
enum _ZN11QSizePolicy15SizePolicyMasksE {
    HSize = 4,
    HMask = 15,
    VMask = 240
```

```
};
enum _ZN11QSizePolicy10PolicyFlagE {
    GrowFlag = 1,
    ExpandFlag = 2,
    ShrinkFlag = 4,
    IgnoreFlag = 8
};
enum _ZN11QSizePolicy6PolicyE {
    Fixed = 0,
    Minimum = 1,
    MinimumExpanding = 3,
    Maximum = 4,
    Preferred = 5,
    Expanding = 7,
    Ignored = 13
};
typedef enum _ZN11QSizePolicy6PolicyE {
    Fixed = 0,
    Minimum = 1,
    MinimumExpanding = 3,
    Maximum = 4,
    Preferred = 5,
    Expanding = 7,
    Ignored = 13
} QSizePolicy::SizeType;
typedef Qt::Orientations QSizePolicy::ExpandData;
```

17.5.113 QtGui/qslider.h

```
class QSlider;
enum _ZN7QSlider12TickPositionE {
    NoTicks = 0,
    NoMarks = 0,
    TicksLeft = 1,
    Left = 1,
    Above = 1,
    TicksAbove = 1,
    TicksRight = 2,
    TicksBelow = 2,
    Below = 2,
    Right = 2,
    TicksBothSides = 3,
    Both = 3
};
```

17.5.114 QtGui/qsortfilterproxymodel.h

```
class QSortFilterProxyModel;
```

17.5.115 QtGui/qsound.h

```
class QSound;
```

17.5.116 QtGui/qspinbox.h

```
class QSpinBox;
class QDoubleSpinBox;
```

17.5.117 QtGui/qsplashscreen.h

```
class QSplashScreen;
```

17.5.118 QtGui/qsplitter.h

```
class QSplitter;
enum _ZN9QSplitter10ResizeModeE {
    Stretch = 0,
    KeepSize = 1,
    FollowSizeHint = 2,
    Auto = 3
};
class QSplitterHandle;
```

17.5.119 QtGui/qstackedlayout.h

```
class QStackedLayout;
```

17.5.120 QtGui/qstackedwidget.h

```
class QStackedWidget;
```

17.5.121 QtGui/qstandarditemmodel.h

```
class QStandardItemModel;
```

17.5.122 QtGui/qstatusbar.h

```
class QStatusBar;
```

17.5.123 QtGui/qstringlistmodel.h

```
class QStringListModel;
```

17.5.124 QtGui/qstyle.h

```
class QStyle;
enum _ZN6QStyle9StateFlagE {
    State_None = 0,
    State_Default = 0,
    State_Enabled = 1,
    State_Raised = 2,
    State_Sunken = 4,
    State_Off = 8,
    State_NoChange = 16,
    State_On = 32,
    State_DownArrow = 64,
    State_Horizontal = 128,
    State_HasFocus = 256,
    State_Top = 512,
    State_Bottom = 1024,
```

```
    State_FocusAtBorder = 2048,
    State_AutoRaise = 4096,
    State_MouseOver = 8192,
    State_UpArrow = 16384,
    State_Selected = 32768,
    State_Active = 65536,
    State_Open = 262144,
    State_Children = 524288,
    State_Item = 1048576,
    State_Sibling = 2097152,
    State_Editing = 4194304,
    State_KeyboardFocusChange = 8388608,
    State_ReadOnly = 33554432
};
class QFlags < QStyle::StateFlag >;
typedef class QFlags < QStyle::StateFlag > QStyle::State;
typedef QStyle::State QStyle::SFlags;
enum _ZN6QStyle16PrimitiveElementE {
    PE_Q3CheckListController = 0,
    PE_Q3CheckListExclusiveIndicator = 1,
    PE_Q3CheckListIndicator = 2,
    PE_Q3DockWindowSeparator = 3,
    PE_Q3Separator = 4,
    PE_Frame = 5,
    PE_FrameDefaultButton = 6,
    PE_FrameDockWidget = 7,
    PE_FrameFocusRect = 8,
    PE_FrameGroupBox = 9,
    PE_FrameLineEdit = 10,
    PE_FrameMenu = 11,
    PE_FrameStatusBar = 12,
    PE_FrameTabWidget = 13,
    PE_FrameWindow = 14,
    PE_FrameButtonBevel = 15,
    PE_FrameButtonTool = 16,
    PE_FrameTabBarBase = 17,
    PE_PanelButtonCommand = 18,
    PE_PanelButtonBevel = 19,
    PE_PanelButtonTool = 20,
    PE_PanelMenuBar = 21,
    PE_PanelToolBar = 22,
    PE_PanelLineEdit = 23,
    PE_IndicatorArrowDown = 24,
    PE_IndicatorArrowLeft = 25,
    PE_IndicatorArrowRight = 26,
    PE_IndicatorArrowUp = 27,
    PE_IndicatorBranch = 28,
    PE_IndicatorButtonDropDown = 29,
    PE_IndicatorViewItemCheck = 30,
    PE_IndicatorCheckBox = 31,
    PE_IndicatorDockWidgetResizeHandle = 32,
    PE_IndicatorHeaderArrow = 33,
    PE_IndicatorMenuCheckMark = 34,
    PE_IndicatorProgressChunk = 35,
    PE_IndicatorRadioButton = 36,
    PE_IndicatorSpinDown = 37,
    PE_IndicatorSpinMinus = 38,
    PE_IndicatorSpinPlus = 39,
    PE_IndicatorSpinUp = 40,
    PE_IndicatorToolBarHandle = 41,
    PE_IndicatorToolBarSeparator = 42,
    PE_PanelTipLabel = 43,
    PE_IndicatorTabTear = 44,
    PE_CustomBase = 251658240
};
enum _ZN6QStyle14ControlElementE {
```

```
        CE_CustomBase = -268435456,
        CE_PushButton = 0,
        CE_PushButtonBevel = 1,
        CE_PushButtonLabel = 2,
        CE_CheckBox = 3,
        CE_CheckBoxLabel = 4,
        CE_RadioButton = 5,
        CE_RadioButtonLabel = 6,
        CE_TabBarTab = 7,
        CE_TabBarTabShape = 8,
        CE_TabBarTabLabel = 9,
        CE_ProgressBar = 10,
        CE_ProgressBarGroove = 11,
        CE_ProgressBarContents = 12,
        CE_ProgressBarLabel = 13,
        CE_MenuItem = 14,
        CE_MenuScroller = 15,
        CE_MenuVMargin = 16,
        CE_MenuHMargin = 17,
        CE_MenuTearoff = 18,
        CE_MenuEmptyArea = 19,
        CE_MenuBarItem = 20,
        CE_MenuBarEmptyArea = 21,
        CE_ToolButtonLabel = 22,
        CE_Header = 23,
        CE_HeaderSection = 24,
        CE_HeaderLabel = 25,
        CE_Q3DockWindowEmptyArea = 26,
        CE_ToolBoxTab = 27,
        CE_SizeGrip = 28,
        CE_Splitter = 29,
        CE_RubberBand = 30,
        CE_DockWidgetTitle = 31,
        CE_ScrollBarAddLine = 32,
        CE_ScrollBarSubLine = 33,
        CE_ScrollBarAddPage = 34,
        CE_ScrollBarSubPage = 35,
        CE_ScrollBarSlider = 36,
        CE_ScrollBarFirst = 37,
        CE_ScrollBarLast = 38,
        CE_FocusFrame = 39,
        CE_ComboBoxLabel = 40,
        CE_ToolBar = 41
    };
    enum _ZN6QStyle10SubElementE {
        SE_CustomBase = -268435456,
        SE_PushButtonContents = 0,
        SE_PushButtonFocusRect = 1,
        SE_CheckBoxIndicator = 2,
        SE_CheckBoxContents = 3,
        SE_CheckBoxFocusRect = 4,
        SE_CheckBoxClickRect = 5,
        SE_RadioButtonIndicator = 6,
        SE_RadioButtonContents = 7,
        SE_RadioButtonFocusRect = 8,
        SE_RadioButtonClickRect = 9,
        SE_ComboBoxFocusRect = 10,
        SE_SliderFocusRect = 11,
        SE_Q3DockWindowHandleRect = 12,
        SE_ProgressBarGroove = 13,
        SE_ProgressBarContents = 14,
        SE_ProgressBarLabel = 15,
        SE_DialogButtonAccept = 16,
        SE_DialogButtonReject = 17,
        SE_DialogButtonApply = 18,
        SE_DialogButtonHelp = 19,
```

```
    SE_DialogButtonAll = 20,
    SE_DialogButtonAbort = 21,
    SE_DialogButtonIgnore = 22,
    SE_DialogButtonRetry = 23,
    SE_DialogButtonCustom = 24,
    SE_ToolBoxTabContents = 25,
    SE_HeaderLabel = 26,
    SE_HeaderArrow = 27,
    SE_TabWidgetTabBar = 28,
    SE_TabWidgetTabPane = 29,
    SE_TabWidgetTabContents = 30,
    SE_TabWidgetLeftCorner = 31,
    SE_TabWidgetRightCorner = 32,
    SE_ViewItemCheckIndicator = 33,
    SE_TabBarTearIndicator = 34,
    SE_TreeViewDisclosureItem = 35
};
enum _ZN6QStyle14ComplexControlE {
    CC_CustomBase = -268435456,
    CC_SpinBox = 0,
    CC_ComboBox = 1,
    CC_ScrollBar = 2,
    CC_Slider = 3,
    CC_ToolButton = 4,
    CC_TitleBar = 5,
    CC_Q3ListView = 6,
    CC_Dial = 7,
    CC_GroupBox = 8
};
enum _ZN6QStyle10SubControlE {
    SC_All = -1,
    SC_None = 0,
    SC_SliderGroove = 1,
    SC_ToolButton = 1,
    SC_ComboBoxFrame = 1,
    SC_TitleBarSysMenu = 1,
    SC_SpinBoxUp = 1,
    SC_ScrollBarAddLine = 1,
    SC_DialGroove = 1,
    SC_Q3ListView = 1,
    SC_GroupBoxCheckBox = 1,
    SC_Q3ListViewBranch = 2,
    SC_TitleBarMinButton = 2,
    SC_SpinBoxDown = 2,
    SC_DialHandle = 2,
    SC_SliderHandle = 2,
    SC_GroupBoxLabel = 2,
    SC_ToolButtonMenu = 2,
    SC_ScrollBarSubLine = 2,
    SC_ComboBoxEditField = 2,
    SC_GroupBoxContents = 4,
    SC_ScrollBarAddPage = 4,
    SC_Q3ListViewExpand = 4,
    SC_DialTickmarks = 4,
    SC_TitleBarMaxButton = 4,
    SC_SpinBoxFrame = 4,
    SC_ComboBoxArrow = 4,
    SC_SliderTickmarks = 4,
    SC_GroupBoxFrame = 8,
    SC_SpinBoxEditField = 8,
    SC_ComboBoxListBoxPopup = 8,
    SC_ScrollBarSubPage = 8,
    SC_TitleBarCloseButton = 8,
    SC_ScrollBarFirst = 16,
    SC_TitleBarNormalButton = 16,
    SC_ScrollBarLast = 32,
```

```
    SC_TitleBarShadeButton = 32,
    SC_ScrollBarSlider = 64,
    SC_TitleBarUnshadeButton = 64,
    SC_ScrollBarGroove = 128,
    SC_TitleBarContextHelpButton = 128,
    SC_TitleBarLabel = 256
};
class QFlags < QStyle::SubControl >;
typedef class QFlags < QStyle::SubControl > QStyle::SubControls;
typedef QStyle::SubControls QStyle::SCFlags;
enum _ZN6QStyle11PixelMetricE {
    PM_CustomBase = -268435456,
    PM_ButtonMargin = 0,
    PM_ButtonDefaultIndicator = 1,
    PM_MenuButtonIndicator = 2,
    PM_ButtonShiftHorizontal = 3,
    PM_ButtonShiftVertical = 4,
    PM_DefaultFrameWidth = 5,
    PM_SpinBoxFrameWidth = 6,
    PM_ComboBoxFrameWidth = 7,
    PM_MaximumDragDistance = 8,
    PM_ScrollBarExtent = 9,
    PM_ScrollBarSliderMin = 10,
    PM_SliderThickness = 11,
    PM_SliderControlThickness = 12,
    PM_SliderLength = 13,
    PM_SliderTickmarkOffset = 14,
    PM_SliderSpaceAvailable = 15,
    PM_DockWidgetSeparatorExtent = 16,
    PM_DockWidgetHandleExtent = 17,
    PM_DockWidgetFrameWidth = 18,
    PM_TabBarTabOverlap = 19,
    PM_TabBarTabHSpace = 20,
    PM_TabBarTabVSpace = 21,
    PM_TabBarBaseHeight = 22,
    PM_TabBarBaseOverlap = 23,
    PM_ProgressBarChunkWidth = 24,
    PM_SplitterWidth = 25,
    PM_TitleBarHeight = 26,
    PM_MenuScrollerHeight = 27,
    PM_MenuHMargin = 28,
    PM_MenuVMargin = 29,
    PM_MenuPanelWidth = 30,
    PM_MenuTearoffHeight = 31,
    PM_MenuDesktopFrameWidth = 32,
    PM_MenuBarPanelWidth = 33,
    PM_MenuBarItemSpacing = 34,
    PM_MenuBarVMargin = 35,
    PM_MenuBarHMargin = 36,
    PM_IndicatorWidth = 37,
    PM_IndicatorHeight = 38,
    PM_ExclusiveIndicatorWidth = 39,
    PM_ExclusiveIndicatorHeight = 40,
    PM_CheckListButtonSize = 41,
    PM_CheckListControllerSize = 42,
    PM_DialogButtonsSeparator = 43,
    PM_DialogButtonsButtonWidth = 44,
    PM_DialogButtonsButtonHeight = 45,
    PM_MDIFrameWidth = 46,
    PM_MDIMinimizedWidth = 47,
    PM_HeaderMargin = 48,
    PM_HeaderMarkSize = 49,
    PM_HeaderGripMargin = 50,
    PM_TabBarTabShiftHorizontal = 51,
    PM_TabBarTabShiftVertical = 52,
    PM_TabBarScrollButtonWidth = 53,
```

```
    PM_ToolBarFrameWidth = 54,
    PM_ToolBarHandleExtent = 55,
    PM_ToolBarItemSpacing = 56,
    PM_ToolBarItemMargin = 57,
    PM_ToolBarSeparatorExtent = 58,
    PM_ToolBarExtensionExtent = 59,
    PM_SpinBoxSliderHeight = 60,
    PM_DefaultTopLevelMargin = 61,
    PM_DefaultChildMargin = 62,
    PM_DefaultLayoutSpacing = 63,
    PM_ToolBarIconSize = 64,
    PM_ListViewIconSize = 65,
    PM_IconViewIconSize = 66,
    PM_SmallIconSize = 67,
    PM_LargeIconSize = 68,
    PM_FocusFrameVMargin = 69,
    PM_FocusFrameHMargin = 70,
    PM_ToolTipLabelFrameWidth = 71,
    PM_CheckBoxLabelSpacing = 72,
    PM_TabBarIconSize = 73,
    PM_SizeGripSize = 74,
    PM_DockWidgetTitleMargin = 75
};
enum _ZN6QStyle12ContentsTypeE {
    CT_CustomBase = -268435456,
    CT_PushButton = 0,
    CT_CheckBox = 1,
    CT_RadioButton = 2,
    CT_ToolButton = 3,
    CT_ComboBox = 4,
    CT_Splitter = 5,
    CT_Q3DockWindow = 6,
    CT_ProgressBar = 7,
    CT_MenuItem = 8,
    CT_MenuBarItem = 9,
    CT_MenuBar = 10,
    CT_Menu = 11,
    CT_TabBarTab = 12,
    CT_Slider = 13,
    CT_ScrollBar = 14,
    CT_Q3Header = 15,
    CT_LineEdit = 16,
    CT_SpinBox = 17,
    CT_SizeGrip = 18,
    CT_TabWidget = 19,
    CT_DialogButtons = 20,
    CT_HeaderSection = 21,
    CT_GroupBox = 22
};
enum _ZN6QStyle9StyleHintE {
    SH_CustomBase = -268435456,
    SH_EtchDisabledText = 0,
    SH_DitherDisabledText = 1,
    SH_ScrollBar_MiddleClickAbsolutePosition = 2,
    SH_ScrollBar_ScrollWhenPointerLeavesControl = 3,
    SH_TabBar_SelectMouseType = 4,
    SH_TabBar_Alignment = 5,
    SH_Header_ArrowAlignment = 6,
    SH_Slider_SnapToValue = 7,
    SH_Slider_SloppyKeyEvents = 8,
    SH_ProgressDialog_CenterCancelButton = 9,
    SH_ProgressDialog_TextLabelAlignment = 10,
    SH_PrintDialog_RightAlignButtons = 11,
    SH_MainWindow_SpaceBelowMenuBar = 12,
    SH_FontDialog_SelectAssociatedText = 13,
    SH_Menu_AllowActiveAndDisabled = 14,
```

© 2008 Linux Foundation

```
        SH_Menu_SpaceActivatesItem = 15,
        SH_Menu_SubMenuPopupDelay = 16,
        SH_ScrollView_FrameOnlyAroundContents = 17,
        SH_MenuBar_AltKeyNavigation = 18,
        SH_ComboBox_ListMouseTracking = 19,
        SH_Menu_MouseTracking = 20,
        SH_MenuBar_MouseTracking = 21,
        SH_ItemView_ChangeHighlightOnFocus = 22,
        SH_Widget_ShareActivation = 23,
        SH_Workspace_FillSpaceOnMaximize = 24,
        SH_ComboBox_Popup = 25,
        SH_TitleBar_NoBorder = 26,
        SH_ScrollBar_StopMouseOverSlider = 27,
        SH_BlinkCursorWhenTextSelected = 28,
        SH_RichText_FullWidthSelection = 29,
        SH_Menu_Scrollable = 30,
        SH_GroupBox_TextLabelVerticalAlignment = 31,
        SH_GroupBox_TextLabelColor = 32,
        SH_Menu_SloppySubMenus = 33,
        SH_Table_GridLineColor = 34,
        SH_LineEdit_PasswordCharacter = 35,
        SH_DialogButtons_DefaultButton = 36,
        SH_ToolBox_SelectedPageTitleBold = 37,
        SH_TabBar_PreferNoArrows = 38,
        SH_ScrollBar_LeftClickAbsolutePosition = 39,
        SH_Q3ListViewExpand_SelectMouseType = 40,
        SH_UnderlineShortcut = 41,
        SH_UnderlineAccelerator = 41,
        SH_SpinBox_AnimateButton = 42,
        SH_SpinBox_KeyPressAutoRepeatRate = 43,
        SH_SpinBox_ClickAutoRepeatRate = 44,
        SH_Menu_FillScreenWithScroll = 45,
        SH_ToolTipLabel_Opacity = 46,
        SH_DrawMenuBarSeparator = 47,
        SH_TitleBar_ModifyNotification = 48,
        SH_Button_FocusPolicy = 49,
        SH_MenuBar_DismissOnSecondClick = 50,
        SH_MessageBox_UseBorderForButtonSpacing = 51,
        SH_TitleBar_AutoRaise = 52,
        SH_ToolButton_PopupDelay = 53,
        SH_FocusFrame_Mask = 54,
        SH_RubberBand_Mask = 55,
        SH_WindowFrame_Mask = 56,
        SH_SpinControls_DisableOnBounds = 57,
        SH_Dial_BackgroundRole = 58,
        SH_ComboBox_LayoutDirection = 59,
        SH_ItemView_EllipsisLocation = 60,
        SH_ItemView_ShowDecorationSelected = 61,
        SH_ItemView_ActivateItemOnSingleClick = 62,
        SH_ScrollBar_ContextMenu = 63,
        SH_ScrollBar_RollBetweenButtons = 64,
        SH_GUIStyle = 256,
        SH_ScrollBar_BackgroundMode = 257
    };
    enum _ZN6QStyle14StandardPixmapE {
        SP_CustomBase = -268435456,
        SP_TitleBarMenuButton = 0,
        SP_TitleBarMinButton = 1,
        SP_TitleBarMaxButton = 2,
        SP_TitleBarCloseButton = 3,
        SP_TitleBarNormalButton = 4,
        SP_TitleBarShadeButton = 5,
        SP_TitleBarUnshadeButton = 6,
        SP_TitleBarContextHelpButton = 7,
        SP_DockWidgetCloseButton = 8,
        SP_MessageBoxInformation = 9,
```

```
    SP_MessageBoxWarning = 10,
    SP_MessageBoxCritical = 11,
    SP_MessageBoxQuestion = 12,
    SP_DesktopIcon = 13,
    SP_TrashIcon = 14,
    SP_ComputerIcon = 15,
    SP_DriveFDIcon = 16,
    SP_DriveHDIcon = 17,
    SP_DriveCDIcon = 18,
    SP_DriveDVDIcon = 19,
    SP_DriveNetIcon = 20,
    SP_DirOpenIcon = 21,
    SP_DirClosedIcon = 22,
    SP_DirLinkIcon = 23,
    SP_FileIcon = 24,
    SP_FileLinkIcon = 25,
    SP_ToolBarHorizontalExtensionButton = 26,
    SP_ToolBarVerticalExtensionButton = 27,
    SP_FileDialogStart = 28,
    SP_FileDialogEnd = 29,
    SP_FileDialogToParent = 30,
    SP_FileDialogNewFolder = 31,
    SP_FileDialogDetailedView = 32,
    SP_FileDialogInfoView = 33,
    SP_FileDialogContentsView = 34,
    SP_FileDialogListView = 35,
    SP_FileDialogBack = 36
};
```

17.5.125 QtGui/qstylefactory.h

```
class QStyleFactory;
```

17.5.126 QtGui/qstyleoption.h

```
class QStyleOption;
enum _ZN12QStyleOption10OptionTypeE {
    SO_Default = 0,
    SO_FocusRect = 1,
    SO_Button = 2,
    SO_Tab = 3,
    SO_MenuItem = 4,
    SO_Frame = 5,
    SO_ProgressBar = 6,
    SO_ToolBox = 7,
    SO_Header = 8,
    SO_Q3DockWindow = 9,
    SO_DockWidget = 10,
    SO_Q3ListViewItem = 11,
    SO_ViewItem = 12,
    SO_TabWidgetFrame = 13,
    SO_TabBarBase = 14,
    SO_RubberBand = 15,
    SO_ToolBar = 16,
    SO_CustomBase = 3840,
    SO_Complex = 983040,
    SO_Slider = 983041,
    SO_SpinBox = 983042,
    SO_ToolButton = 983043,
    SO_ComboBox = 983044,
    SO_Q3ListView = 983045,
    SO_TitleBar = 983046,
    SO_GroupBox = 983047,
```

```
    SO_ComplexCustomBase = 251658240
};
class QStyleOptionFocusRect;
class QStyleOptionFrame;
class QStyleOptionFrameV2;
enum _ZN19QStyleOptionFrameV212FrameFeatureE {
    None = 0,
    Flat = 1
};
class QFlags < QStyleOptionFrameV2::FrameFeature >;
typedef class QFlags < QStyleOptionFrameV2::FrameFeature >
    QStyleOptionFrameV2::FrameFeatures;
class QStyleOptionTabWidgetFrame;
class QStyleOptionTabBarBase;
class QStyleOptionHeader;
enum _ZN18QStyleOptionHeader15SectionPositionE {
    Beginning = 0,
    Middle = 1,
    End = 2,
    OnlyOneSection = 3
};
enum _ZN18QStyleOptionHeader16SelectedPositionE {
    NotAdjacent = 0,
    NextIsSelected = 1,
    PreviousIsSelected = 2,
    NextAndPreviousAreSelected = 3
};
enum _ZN18QStyleOptionHeader13SortIndicatorE {
    None = 0,
    SortUp = 1,
    SortDown = 2
};
class QStyleOptionButton;
enum _ZN18QStyleOptionButton13ButtonFeatureE {
    None = 0,
    Flat = 1,
    HasMenu = 2,
    DefaultButton = 4,
    AutoDefaultButton = 8
};
class QFlags < QStyleOptionButton::ButtonFeature >;
typedef class QFlags < QStyleOptionButton::ButtonFeature >
    QStyleOptionButton::ButtonFeatures;
class QStyleOptionTab;
enum _ZN15QStyleOptionTab11TabPositionE {
    Beginning = 0,
    Middle = 1,
    End = 2,
    OnlyOneTab = 3
};
enum _ZN15QStyleOptionTab16SelectedPositionE {
    NotAdjacent = 0,
    NextIsSelected = 1,
    PreviousIsSelected = 2
};
enum _ZN15QStyleOptionTab12CornerWidgetE {
    NoCornerWidgets = 0,
    LeftCornerWidget = 1,
    RightCornerWidget = 2
};
class QFlags < QStyleOptionTab::CornerWidget >;
typedef class QFlags < QStyleOptionTab::CornerWidget >
    QStyleOptionTab::CornerWidgets;
class QStyleOptionTabV2;
class QStyleOptionToolBar;
enum _ZN19QStyleOptionToolBar15ToolBarPositionE {
```

```
    Beginning = 0,
    Middle = 1,
    End = 2,
    OnlyOne = 3
};
enum _ZN19QStyleOptionToolBar14ToolBarFeatureE {
    None = 0,
    Movable = 1
};
class QFlags < QStyleOptionToolBar::ToolBarFeature >;
typedef class QFlags < QStyleOptionToolBar::ToolBarFeature >
    QStyleOptionToolBar::ToolBarFeatures;
class QStyleOptionProgressBar;
class QStyleOptionProgressBarV2;
class QStyleOptionMenuItem;
enum _ZN20QStyleOptionMenuItem12MenuItemTypeE {
    Normal = 0,
    DefaultItem = 1,
    Separator = 2,
    SubMenu = 3,
    Scroller = 4,
    TearOff = 5,
    Margin = 6,
    EmptyArea = 7
};
enum _ZN20QStyleOptionMenuItem9CheckTypeE {
    NotCheckable = 0,
    Exclusive = 1,
    NonExclusive = 2
};
class QStyleOptionQ3ListViewItem;
enum _ZN26QStyleOptionQ3ListViewItem21Q3ListViewItemFeatureE {
    None = 0,
    Expandable = 1,
    MultiLine = 2,
    Visible = 4,
    ParentControl = 8
};
class  QFlags  <  QStyleOptionQ3ListViewItem::Q3ListViewItemFeature
>;
typedef               class               QFlags               <
QStyleOptionQ3ListViewItem::Q3ListViewItemFeature >
    QStyleOptionQ3ListViewItem::Q3ListViewItemFeatures;
class QStyleOptionQ3DockWindow;
class QStyleOptionDockWidget;
class QStyleOptionViewItem;
enum _ZN20QStyleOptionViewItem8PositionE {
    Left = 0,
    Right = 1,
    Top = 2,
    Bottom = 3
};
class QStyleOptionToolBox;
class QStyleOptionRubberBand;
class QStyleOptionComplex;
class QStyleOptionSlider;
class QStyleOptionSpinBox;
class QStyleOptionQ3ListView;
class QStyleOptionToolButton;
enum _ZN22QStyleOptionToolButton17ToolButtonFeatureE {
    None = 0,
    Arrow = 1,
    Menu = 4,
    PopupDelay = 8
};
class QFlags < QStyleOptionToolButton::ToolButtonFeature >;
```

```
typedef class QFlags < QStyleOptionToolButton::ToolButtonFeature
>
    QStyleOptionToolButton::ToolButtonFeatures;
class QStyleOptionComboBox;
class QStyleOptionTitleBar;
class QStyleOptionGroupBox;
class QStyleHintReturn;
enum _ZN16QStyleHintReturn14HintReturnTypeE {
    SH_Default = 61440,
    SH_Mask = 61441
};
class QStyleHintReturnMask;
```

17.5.127 QtGui/qstylepainter.h

```
class QStylePainter;
```

17.5.128 QtGui/qstyleplugin.h

```
struct QStyleFactoryInterface;
class QStylePlugin;
```

17.5.129 QtGui/qsyntaxhighlighter.h

```
class QSyntaxHighlighter;
```

17.5.130 QtGui/qtabbar.h

```
class QTabBar;
enum _ZN7QTabBar5ShapeE {
    RoundedNorth = 0,
    RoundedAbove = 0,
    RoundedSouth = 1,
    RoundedBelow = 1,
    RoundedWest = 2,
    RoundedEast = 3,
    TriangularNorth = 4,
    TriangularAbove = 4,
    TriangularBelow = 5,
    TriangularSouth = 5,
    TriangularWest = 6,
    TriangularEast = 7
};
```

17.5.131 QtGui/qtableview.h

```
class QTableView;
```

17.5.132 QtGui/qtablewidget.h

```
class QTableWidgetSelectionRange;
class QTableWidgetItem;
class QTableWidget;
```

17.5.133 QtGui/qtabwidget.h

```
class QTabWidget;
enum _ZN10QTabWidget11TabPositionE {
    North = 0,
    Top = 0,
    South = 1,
    Bottom = 1,
    West = 2,
    East = 3
};
enum _ZN10QTabWidget8TabShapeE {
    Rounded = 0,
    Triangular = 1
};
```

17.5.134 QtGui/qtextbrowser.h

```
class QTextBrowser;
```

17.5.135 QtGui/qtextcursor.h

```
class QTextCursor;
enum _ZN11QTextCursor8MoveModeE {
    MoveAnchor = 0,
    KeepAnchor = 1
};
enum _ZN11QTextCursor13MoveOperationE {
    NoMove = 0,
    Start = 1,
    Up = 2,
    StartOfLine = 3,
    StartOfBlock = 4,
    StartOfWord = 5,
    PreviousBlock = 6,
    PreviousCharacter = 7,
    PreviousWord = 8,
    Left = 9,
    WordLeft = 10,
    End = 11,
    Down = 12,
    EndOfLine = 13,
    EndOfWord = 14,
    EndOfBlock = 15,
    NextBlock = 16,
    NextCharacter = 17,
    NextWord = 18,
    Right = 19,
    WordRight = 20
};
enum _ZN11QTextCursor13SelectionTypeE {
    WordUnderCursor = 0,
    LineUnderCursor = 1,
    BlockUnderCursor = 2
};
```

17.5.136 QtGui/qtextdocument.h

```
enum _ZN2Qt15HitTestAccuracyE {
```

```
    ExactHit = 0,
    FuzzyHit = 1
};
enum _ZN2Qt14WhiteSpaceModeE {
    WhiteSpaceModeUndefined = -1,
    WhiteSpaceNormal = 0,
    WhiteSpacePre = 1,
    WhiteSpaceNoWrap = 2
};
class QAbstractUndoItem;
class QTextDocument;
enum _ZN13QTextDocument15MetaInformationE {
    DocumentTitle = 0
};
enum _ZN13QTextDocument8FindFlagE {
    FindBackward = 1,
    FindCaseSensitively = 2,
    FindWholeWords = 4
};
class QFlags < QTextDocument::FindFlag >;
typedef    class    QFlags    <    QTextDocument::FindFlag    >
QTextDocument::FindFlags;
enum _ZN13QTextDocument12ResourceTypeE {
    HtmlResource = 1,
    ImageResource = 2,
    UserResource = 100
};
```

17.5.137 QtGui/qtextdocumentfragment.h

```
class QTextDocumentFragment;
```

17.5.138 QtGui/qtextedit.h

```
class QTextEdit;
enum _ZN9QTextEdit12LineWrapModeE {
    NoWrap = 0,
    WidgetWidth = 1,
    FixedPixelWidth = 2,
    FixedColumnWidth = 3
};
enum _ZN9QTextEdit18AutoFormattingFlagE {
    AutoAll = -1,
    AutoNone = 0,
    AutoBulletList = 1
};
class QFlags < QTextEdit::AutoFormattingFlag >;
typedef class QFlags < QTextEdit::AutoFormattingFlag >
    QTextEdit::AutoFormatting;
enum _ZN9QTextEdit12CursorActionE {
    MoveBackward = 0,
    MoveForward = 1,
    MoveWordBackward = 2,
    MoveWordForward = 3,
    MoveUp = 4,
    MoveDown = 5,
    MoveLineStart = 6,
    MoveLineEnd = 7,
    MoveHome = 8,
    MoveEnd = 9,
    MovePageUp = 10,
    MovePgUp = 10,
    MovePageDown = 11,
```

```
    MovePgDown = 11
};
enum _ZN9QTextEdit14KeyboardActionE {
    ActionBackspace = 0,
    ActionDelete = 1,
    ActionReturn = 2,
    ActionKill = 3,
    ActionWordBackspace = 4,
    ActionWordDelete = 5
};
```

17.5.139 QtGui/qtextformat.h

```
class QTextLength;
enum _ZN11QTextLength4TypeE {
    VariableLength = 0,
    FixedLength = 1,
    PercentageLength = 2
};
class QTextFormat;
enum _ZN11QTextFormat10FormatTypeE {
    InvalidFormat = -1,
    BlockFormat = 1,
    CharFormat = 2,
    ListFormat = 3,
    TableFormat = 4,
    FrameFormat = 5,
    UserFormat = 100
};
enum _ZN11QTextFormat8PropertyE {
    ObjectIndex = 0,
    CssFloat = 2048,
    LayoutDirection = 2049,
    OutlinePen = 2064,
    BackgroundBrush = 2080,
    ForegroundBrush = 2081,
    BlockAlignment = 4112,
    BlockTopMargin = 4144,
    BlockBottomMargin = 4145,
    BlockLeftMargin = 4146,
    BlockRightMargin = 4147,
    TextIndent = 4148,
    BlockIndent = 4160,
    BlockNonBreakableLines = 4176,
    BlockTrailingHorizontalRulerWidth = 4192,
    FontFamily = 8192,
    FontPointSize = 8193,
    FontSizeAdjustment = 8194,
    FontSizeIncrement = 8194,
    FontWeight = 8195,
    FontItalic = 8196,
    FontUnderline = 8197,
    FontOverline = 8198,
    FontStrikeOut = 8199,
    FontFixedPitch = 8200,
    FontPixelSize = 8201,
    TextUnderlineColor = 8208,
    TextVerticalAlignment = 8225,
    TextOutline = 8226,
    IsAnchor = 8240,
    AnchorHref = 8241,
    AnchorName = 8242,
    ObjectType = 12032,
    ListStyle = 12288,
```

```
    ListIndent = 12289,
    FrameBorder = 16384,
    FrameMargin = 16385,
    FramePadding = 16386,
    FrameWidth = 16387,
    FrameHeight = 16388,
    TableColumns = 16640,
    TableColumnWidthConstraints = 16641,
    TableCellSpacing = 16642,
    TableCellPadding = 16643,
    TableCellRowSpan = 18448,
    TableCellColumnSpan = 18449,
    ImageName = 20480,
    ImageWidth = 20496,
    ImageHeight = 20497,
    UserProperty = 1048576
};
enum _ZN11QTextFormat11ObjectTypesE {
    NoObject = 0,
    ImageObject = 1,
    TableObject = 2,
    UserObject = 4096
};
class QTextCharFormat;
enum _ZN15QTextCharFormat17VerticalAlignmentE {
    AlignNormal = 0,
    AlignSuperScript = 1,
    AlignSubScript = 2
};
class QTextBlockFormat;
class QTextListFormat;
enum _ZN15QTextListFormat5StyleE {
    ListUpperAlpha = -6,
    ListLowerAlpha = -5,
    ListDecimal = -4,
    ListSquare = -3,
    ListCircle = -2,
    ListDisc = -1,
    ListStyleUndefined = 0
};
class QTextImageFormat;
class QTextFrameFormat;
enum _ZN16QTextFrameFormat8PositionE {
    InFlow = 0,
    FloatLeft = 1,
    FloatRight = 2
};
class QTextTableFormat;
```

17.5.140 QtGui/qtextlayout.h

```
class QTextInlineObject;
class QTextLayout;
struct QTextLayout::FormatRange;
enum _ZN11QTextLayout10CursorModeE {
    SkipCharacters = 0,
    SkipWords = 1
};
class QTextLine;
enum _ZN9QTextLine4EdgeE {
    Leading = 0,
    Trailing = 1
};
enum _ZN9QTextLine14CursorPositionE {
```

```
    CursorBetweenCharacters = 0,
    CursorOnCharacter = 1
};
```

17.5.141 QtGui/qtextlist.h

```
class QTextList;
```

17.5.142 QtGui/qtextobject.h

```
class QTextObject;
class QTextBlockGroup;
class QTextFrameLayoutData;
class QTextFrame;
class QTextFrame::iterator;
typedef class QTextFrame::iteratorQTextFrame::Iterator;
class QTextBlockUserData;
class QTextBlock;
class QTextBlock::iterator;
typedef class QTextBlock::iteratorQTextBlock::Iterator;
class QTextFragment;
```

17.5.143 QtGui/qtextoption.h

```
class QTextOption;
enum _ZN11QTextOption8WrapModeE {
    NoWrap = 0,
    WordWrap = 1,
    ManualWrap = 2,
    WrapAnywhere = 3,
    WrapAtWordBoundaryOrAnywhere = 4
};
enum _ZN11QTextOption4FlagE {
    IncludeTrailingSpaces = -2147483648
};
class QFlags < QTextOption::Flag >;
typedef class QFlags < QTextOption::Flag > QTextOption::Flags;
```

17.5.144 QtGui/qtexttable.h

```
class QTextTableCell;
class QTextTable;
```

17.5.145 QtGui/qtoolbar.h

```
class QToolBar;
```

17.5.146 QtGui/qtoolbox.h

```
class QToolBox;
```

17.5.147 QtGui/qtoolbutton.h

```
class QToolButton;
```

© 2008 Linux Foundation

```
enum _ZN11QToolButton19ToolButtonPopupModeE {
    DelayedPopup = 0,
    MenuButtonPopup = 1,
    InstantPopup = 2
};
enum _ZN11QToolButton12TextPositionE {
    BesideIcon = 0,
    Right = 0,
    BelowIcon = 1,
    Under = 1
};
```

17.5.148 QtGui/qtooltip.h

```
class QToolTip;
```

17.5.149 QtGui/qtreeview.h

```
class QTreeView;
```

17.5.150 QtGui/qtreewidget.h

```
class QTreeWidgetItem;
class QTreeWidget;
```

17.5.151 QtGui/qtreewidgetitemiterator.h

```
class QTreeWidgetItemIterator;
enum _ZN23QTreeWidgetItemIterator12IteratorFlagE {
    All = 0,
    Hidden = 1,
    NotHidden = 2,
    Selected = 4,
    Unselected = 8,
    Selectable = 16,
    NotSelectable = 32,
    DragEnabled = 64,
    DragDisabled = 128,
    DropEnabled = 256,
    DropDisabled = 512,
    HasChildren = 1024,
    NoChildren = 2048,
    Checked = 4096,
    NotChecked = 8192,
    Enabled = 16384,
    Disabled = 32768,
    Editable = 65536,
    NotEditable = 131072,
    UserFlag = 16777216
};
class QFlags < QTreeWidgetItemIterator::IteratorFlag >;
typedef class QFlags < QTreeWidgetItemIterator::IteratorFlag >
    QTreeWidgetItemIterator::IteratorFlags;
```

17.5.152 QtGui/qvalidator.h

```
class QValidator;
enum _ZN10QValidator5StateE {
```

```
    Invalid = 0,
    Intermediate = 1,
    Valid = 1,
    Acceptable = 2
};
class QIntValidator;
class QDoubleValidator;
class QRegExpValidator;
```

17.5.153 QtGui/qvfbhdr.h

```
struct QVFbHeader;
struct QVFbKeyData;
```

17.5.154 QtGui/qwhatsthis.h

```
class QWhatsThis;
```

17.5.155 QtGui/qwidget.h

```
class QWidgetData;
class QWidget;
enum _ZN7QWidget16BackgroundOriginE {
    WidgetOrigin = 0,
    ParentOrigin = 1,
    WindowOrigin = 2,
    AncestorOrigin = 3
};
```

17.5.156 QtGui/qwindowdefs.h

```
typedef class QList < QWidget * >QWidgetList;
typedef unsigned long int WId;
```

17.5.157 QtGui/qwindowsstyle.h

```
class QWindowsStyle;
```

17.5.158 QtGui/qwmatrix.h

```
typedef class QMatrixQWMatrix;
```

17.5.159 QtGui/qworkspace.h

```
class QWorkspace;
enum _ZN10QWorkspace11WindowOrderE {
    CreationOrder = 0,
    StackingOrder = 1
};
```

17.6 Interfaces for libQtXml

Table 17-511 defines the library name and shared object name for the libQtXml

library

Table 17-511 libQtXml Definition

Library:	libQtXml
SONAME:	libQtXml.so.4

The behavior of the interfaces in this library is specified by the following specifications:
[CXXABI] Itanium™ C++ ABI
[QtXml] QtXml 4.2.0

17.6.1 Qt4 XML

17.6.1.1 Class data for QXmlAttributes

The virtual table for the QXmlAttributes class is described by Table 17-512

Table 17-512 Primary vtable for QXmlAttributes

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlAttributes
vfunc[0]:	NULL or QXmlAttributes::~QXmlAttributes()
vfunc[1]:	NULL or QXmlAttributes::~QXmlAttributes()

The Run Time Type Information for the QXmlAttributes class is described by Table 17-513

Table 17-513 typeinfo for QXmlAttributes

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlAttributes

17.6.1.2 Class data for QXmlInputSource

The virtual table for the QXmlInputSource class is described by Table 17-514

Table 17-514 Primary vtable for QXmlInputSource

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlInputSource
vfunc[0]:	QXmlInputSource::~QXmlInputSource()
vfunc[1]:	QXmlInputSource::~QXmlInputSource()
vfunc[2]:	QXmlInputSource::setData(QString const&)
vfunc[3]:	QXmlInputSource::setData(QByteArray const&)

vfunc[4]:	QXmlInputSource::fetchData()
vfunc[5]:	QXmlInputSource::data() const
vfunc[6]:	QXmlInputSource::next()
vfunc[7]:	QXmlInputSource::reset()
vfunc[8]:	QXmlInputSource::fromRawData(QByteArray const&, bool)

The Run Time Type Information for the QXmlInputSource class is described by Table 17-515

Table 17-515 typeinfo for QXmlInputSource

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlInputSource

17.6.1.3 Class data for QXmlReader

The virtual table for the QXmlReader class is described by Table 17-516

Table 17-516 Primary vtable for QXmlReader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlReader
vfunc[0]:	NULL or QXmlReader::~QXmlReader()
vfunc[1]:	NULL or QXmlReader::~QXmlReader()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	__cxa_pure_virtual
vfunc[10]:	__cxa_pure_virtual
vfunc[11]:	__cxa_pure_virtual
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	__cxa_pure_virtual
vfunc[17]:	__cxa_pure_virtual
vfunc[18]:	__cxa_pure_virtual

© 2008 Linux Foundation

vfunc[19]:	__cxa_pure_virtual
vfunc[20]:	__cxa_pure_virtual
vfunc[21]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlReader class is described by Table 17-517

Table 17-517 typeinfo for QXmlReader

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlReader

17.6.1.4 Class data for QXmlSimpleReader

The virtual table for the QXmlSimpleReader class is described by Table 17-518

Table 17-518 Primary vtable for QXmlSimpleReader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlSimpleReader
vfunc[0]:	QXmlSimpleReader::~QXmlSimpleReader()
vfunc[1]:	QXmlSimpleReader::~QXmlSimpleReader()
vfunc[2]:	QXmlSimpleReader::feature(QString const&, bool*) const
vfunc[3]:	QXmlSimpleReader::setFeature(QString const&, bool)
vfunc[4]:	QXmlSimpleReader::hasFeature(QString const&) const
vfunc[5]:	QXmlSimpleReader::property(QString const&, bool*) const
vfunc[6]:	QXmlSimpleReader::setProperty(QString const&, void*)
vfunc[7]:	QXmlSimpleReader::hasProperty(QString const&) const
vfunc[8]:	QXmlSimpleReader::setEntityResolver(QXmlEntityResolver*)
vfunc[9]:	QXmlSimpleReader::entityResolver() const
vfunc[10]:	QXmlSimpleReader::setDTDHandler(QXmlDTDHandler*)
vfunc[11]:	QXmlSimpleReader::DTDHandler() const
vfunc[12]:	QXmlSimpleReader::setContentHandler(QXmlContentHandler*)
vfunc[13]:	QXmlSimpleReader::contentHandler

	() const
vfunc[14]:	QXmlSimpleReader::setErrorHandler(QXmlErrorHandler*)
vfunc[15]:	QXmlSimpleReader::errorHandler() const
vfunc[16]:	QXmlSimpleReader::setLexicalHandler(QXmlLexicalHandler*)
vfunc[17]:	QXmlSimpleReader::lexicalHandler() const
vfunc[18]:	QXmlSimpleReader::setDeclHandler(QXmlDeclHandler*)
vfunc[19]:	QXmlSimpleReader::declHandler() const
vfunc[20]:	QXmlSimpleReader::parse(QXmlInputSource const&)
vfunc[21]:	QXmlSimpleReader::parse(QXmlInputSource const*)
vfunc[22]:	QXmlSimpleReader::parse(QXmlInputSource const*, bool)
vfunc[23]:	QXmlSimpleReader::parseContinue()

The Run Time Type Information for the QXmlSimpleReader class is described by Table 17-519

Table 17-519 typeinfo for QXmlSimpleReader

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QXmlSimpleReader
basetype:	typeinfo for QXmlReader

17.6.1.5 Class data for QXmlLocator

The virtual table for the QXmlLocator class is described by Table 17-520

Table 17-520 Primary vtable for QXmlLocator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlLocator
vfunc[0]:	QXmlLocator::~QXmlLocator()
vfunc[1]:	QXmlLocator::~QXmlLocator()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlLocator class is described by Table 17-521

Table 17-521 typeinfo for QXmlLocator

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlLocator

17.6.1.6 Class data for QXmlContentHandler

The virtual table for the QXmlContentHandler class is described by Table 17-522

Table 17-522 Primary vtable for QXmlContentHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlContentHandler
vfunc[0]:	NULL or QXmlContentHandler::~QXmlContentHandler()
vfunc[1]:	NULL or QXmlContentHandler::~QXmlContentHandler()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	__cxa_pure_virtual
vfunc[10]:	__cxa_pure_virtual
vfunc[11]:	__cxa_pure_virtual
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlContentHandler class is described by Table 17-523

Table 17-523 typeinfo for QXmlContentHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlContentHandler

17.6.1.7 Class data for QXmlErrorHandler

The virtual table for the QXmlErrorHandler class is described by Table 17-524

Table 17-524 Primary vtable for QXmlErrorHandler

Base Offset	0

Virtual Base Offset	0
RTTI	typeinfo for QXmlErrorHandler
vfunc[0]:	NULL or QXmlErrorHandler::~QXmlErrorHandler()
vfunc[1]:	NULL or QXmlErrorHandler::~QXmlErrorHandler()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlErrorHandler class is described by Table 17-525

Table 17-525 typeinfo for QXmlErrorHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlErrorHandler

17.6.1.8 Class data for QXmlDTDHandler

The virtual table for the QXmlDTDHandler class is described by Table 17-526

Table 17-526 Primary vtable for QXmlDTDHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlDTDHandler
vfunc[0]:	NULL or QXmlDTDHandler::~QXmlDTDHandler()
vfunc[1]:	NULL or QXmlDTDHandler::~QXmlDTDHandler()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlDTDHandler class is described by Table 17-527

Table 17-527 typeinfo for QXmlDTDHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlDTDHandler

17.6.1.9 Class data for QXmlEntityResolver

The virtual table for the QXmlEntityResolver class is described by Table 17-528

Table 17-528 Primary vtable for QXmlEntityResolver

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlEntityResolver
vfunc[0]:	NULL or QXmlEntityResolver::~QXmlEntityResolver()
vfunc[1]:	NULL or QXmlEntityResolver::~QXmlEntityResolver()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlEntityResolver class is described by Table 17-529

Table 17-529 typeinfo for QXmlEntityResolver

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlEntityResolver

17.6.1.10 Class data for QXmlLexicalHandler

The virtual table for the QXmlLexicalHandler class is described by Table 17-530

Table 17-530 Primary vtable for QXmlLexicalHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlLexicalHandler
vfunc[0]:	NULL or QXmlLexicalHandler::~QXmlLexicalHandler()
vfunc[1]:	NULL or QXmlLexicalHandler::~QXmlLexicalHandler()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlLexicalHandler class is described by Table 17-531

Table 17-531 typeinfo for QXmlLexicalHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlLexicalHandler

17.6.1.11 Class data for QXmlDeclHandler

The virtual table for the QXmlDeclHandler class is described by Table 17-532

Table 17-532 Primary vtable for QXmlDeclHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlDeclHandler
vfunc[0]:	NULL or QXmlDeclHandler::~QXmlDeclHandler()
vfunc[1]:	NULL or QXmlDeclHandler::~QXmlDeclHandler()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlDeclHandler class is described by Table 17-533

Table 17-533 typeinfo for QXmlDeclHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlDeclHandler

17.6.1.12 Class data for QXmlDefaultHandler

The virtual table for the QXmlDefaultHandler class is described by Table 17-534

Table 17-534 Primary vtable for QXmlDefaultHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlDefaultHandler
vfunc[0]:	NULL or QXmlDefaultHandler::~QXmlDefaultHandler()
vfunc[1]:	NULL or

	QXmlDefaultHandler::~QXmlDefaultHandler()
vfunc[2]:	QXmlDefaultHandler::setDocumentLocator(QXmlLocator*)
vfunc[3]:	QXmlDefaultHandler::startDocument()
vfunc[4]:	QXmlDefaultHandler::endDocument()
vfunc[5]:	QXmlDefaultHandler::startPrefixMapping(QString const&, QString const&)
vfunc[6]:	QXmlDefaultHandler::endPrefixMapping(QString const&)
vfunc[7]:	QXmlDefaultHandler::startElement(QString const&, QString const&, QString const&, QXmlAttributes const&)
vfunc[8]:	QXmlDefaultHandler::endElement(QString const&, QString const&, QString const&)
vfunc[9]:	QXmlDefaultHandler::characters(QString const&)
vfunc[10]:	QXmlDefaultHandler::ignorableWhitespace(QString const&)
vfunc[11]:	QXmlDefaultHandler::processingInstruction(QString const&, QString const&)
vfunc[12]:	QXmlDefaultHandler::skippedEntity(QString const&)
vfunc[13]:	QXmlDefaultHandler::errorString() const
vfunc[14]:	QXmlDefaultHandler::warning(QXmlParseException const&)
vfunc[15]:	QXmlDefaultHandler::error(QXmlParseException const&)
vfunc[16]:	QXmlDefaultHandler::fatalError(QXmlParseException const&)
vfunc[17]:	QXmlDefaultHandler::notationDecl(QString const&, QString const&, QString const&)
vfunc[18]:	QXmlDefaultHandler::unparsedEntityDecl(QString const&, QString const&, QString const&, QString const&)
vfunc[19]:	QXmlDefaultHandler::resolveEntity(QString const&, QString const&, QXmlInputSource*&)

vfunc[20]:	QXmlDefaultHandler::startDTD(QString const&, QString const&, QString const&)
vfunc[21]:	QXmlDefaultHandler::endDTD()
vfunc[22]:	QXmlDefaultHandler::startEntity(QString const&)
vfunc[23]:	QXmlDefaultHandler::endEntity(QString const&)
vfunc[24]:	QXmlDefaultHandler::startCDATA()
vfunc[25]:	QXmlDefaultHandler::endCDATA()
vfunc[26]:	QXmlDefaultHandler::comment(QString const&)
vfunc[27]:	QXmlDefaultHandler::attributeDecl(QString const&, QString const&, QString const&, QString const&, QString const&)
vfunc[28]:	QXmlDefaultHandler::internalEntityDecl(QString const&, QString const&)
vfunc[29]:	QXmlDefaultHandler::externalEntityDecl(QString const&, QString const&, QString const&)

The Run Time Type Information for the QXmlDefaultHandler class is described by Table 17-535

Table 17-535 typeinfo for QXmlDefaultHandler

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QXmlDefaultHandler	
flags:	0	
basetype:	typeinfo for QXmlContentHandler	2
basetype:	typeinfo for QXmlErrorHandler	1026
basetype:	typeinfo for QXmlErrorHandler	2050
basetype:	typeinfo for QXmlErrorHandler	1026
basetype:	typeinfo for QXmlErrorHandler	2050
basetype:	typeinfo for QXmlErrorHandler	1026

© 2008 Linux Foundation

17.6.1.13 Interfaces for Qt4 XML

An LSB conforming implementation shall provide the generic functions for Qt4 XML specified in Table 17-536, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-536 libQtXml - Qt4 XML Function Interfaces

ZN10QDomEntityC1ERKS [QtXml]	_ZN10QDomEntityC1Ev [QtXml]
ZN10QDomEntityC2ERKS [QtXml]	_ZN10QDomEntityC2Ev [QtXml]
ZN10QDomEntityaSERKS [QtXml]	_ZN11QDomCommentC1ERKS_ [QtXml]
_ZN11QDomCommentC1Ev [QtXml]	_ZN11QDomCommentC2ERKS_ [QtXml]
_ZN11QDomCommentC2Ev [QtXml]	_ZN11QDomCommentaSERKS_ [QtXml]
_ZN11QDomElement10setTagNameERK7QString [QtXml]	_ZN11QDomElement12setAttributeERK7QStringS2_ [QtXml]
_ZN11QDomElement12setAttributeERK7QStringd [QtXml]	_ZN11QDomElement12setAttributeERK7QStringf [QtXml]
_ZN11QDomElement12setAttributeERK7QStringx [QtXml]	_ZN11QDomElement12setAttributeERK7QStringy [QtXml]
_ZN11QDomElement13attributeNodeERK7QString [QtXml]	_ZN11QDomElement14setAttributeNSE7QStringRKS0_S2_ [QtXml]
_ZN11QDomElement14setAttributeNSE7QStringRKS0_d [QtXml]	_ZN11QDomElement14setAttributeNSE7QStringRKS0_x [QtXml]
_ZN11QDomElement14setAttributeNSE7QStringRKS0_y [QtXml]	_ZN11QDomElement15attributeNodeNSERK7QStringS2_ [QtXml]
_ZN11QDomElement15removeAttributeERK7QString [QtXml]	_ZN11QDomElement16setAttributeNodeERK8QDomAttr [QtXml]
ZN11QDomElement17removeAttributeNSERK7QStringS2 [QtXml]	_ZN11QDomElement18setAttributeNodeNSERK8QDomAttr [QtXml]
_ZN11QDomElement19removeAttributeNodeERK8QDomAttr [QtXml]	_ZN11QDomElementC1ERKS_ [QtXml]
_ZN11QDomElementC1Ev [QtXml]	_ZN11QDomElementC2ERKS_ [QtXml]
_ZN11QDomElementC2Ev [QtXml]	_ZN11QDomElementaSERKS_ [QtXml]
_ZN11QXmlLocatorC1Ev [QtXml]	_ZN11QXmlLocatorC2Ev [QtXml]
_ZN11QXmlLocatorD0Ev [QtXml]	_ZN11QXmlLocatorD1Ev [QtXml]
_ZN11QXmlLocatorD2Ev [QtXml]	_ZN12QDomDocument10importNodeERK8QDomNodeb [QtXml]
ZN12QDomDocument10setContentEP15QXmlInputSourceP10QXmlReaderP7QStringPiS6 [QtXml]	_ZN12QDomDocument10setContentEP9QIODeviceP7QStringPiS4_ [QtXml]
_ZN12QDomDocument10setContent	_ZN12QDomDocument10setContent

EP9QIODevicebP7QStringPiS4_ [QtXml]	ERK10QByteArrayP7QStringPiS5_ [QtXml]
ZN12QDomDocument10setContent ERK10QByteArraybP7QStringPiS5 [QtXml]	_ZN12QDomDocument10setContent ERK7QStringPS0_PiS4_ [QtXml]
_ZN12QDomDocument10setContent ERK7QStringbPS0_PiS4_ [QtXml]	_ZN12QDomDocument11elementBy IdERK7QString [QtXml]
_ZN12QDomDocument13createCom mentERK7QString [QtXml]	_ZN12QDomDocument13createEle mentERK7QString [QtXml]
_ZN12QDomDocument14createText NodeERK7QString [QtXml]	_ZN12QDomDocument15createAttri buteERK7QString [QtXml]
ZN12QDomDocument15createEle mentNSERK7QStringS2 [QtXml]	_ZN12QDomDocument17createAttri buteNSERK7QStringS2_ [QtXml]
_ZN12QDomDocument18createCD ATASectionERK7QString [QtXml]	_ZN12QDomDocument19elementsB yTagNameNSERK7QStringS2_ [QtXml]
_ZN12QDomDocument21createEntit yReferenceERK7QString [QtXml]	_ZN12QDomDocument22createDoc umentFragmentEv [QtXml]
ZN12QDomDocument27createProc essingInstructionERK7QStringS2 [QtXml]	_ZN12QDomDocumentC1ERK16QD omDocumentType [QtXml]
_ZN12QDomDocumentC1ERK7QStr ing [QtXml]	_ZN12QDomDocumentC1ERKS_ [QtXml]
_ZN12QDomDocumentC1Ev [QtXml]	_ZN12QDomDocumentC2ERK16QD omDocumentType [QtXml]
_ZN12QDomDocumentC2ERK7QStr ing [QtXml]	_ZN12QDomDocumentC2ERKS_ [QtXml]
_ZN12QDomDocumentC2Ev [QtXml]	_ZN12QDomDocumentD1Ev [QtXml]
_ZN12QDomDocumentD2Ev [QtXml]	_ZN12QDomDocumentaSERKS_ [QtXml]
ZN12QDomNodeListC1ERKS [QtXml]	_ZN12QDomNodeListC1Ev [QtXml]
ZN12QDomNodeListC2ERKS [QtXml]	_ZN12QDomNodeListC2Ev [QtXml]
_ZN12QDomNodeListD1Ev [QtXml]	_ZN12QDomNodeListD2Ev [QtXml]
ZN12QDomNodeListaSERKS [QtXml]	_ZN12QDomNotationC1ERKS_ [QtXml]
_ZN12QDomNotationC1Ev [QtXml]	_ZN12QDomNotationC2ERKS_ [QtXml]
_ZN12QDomNotationC2Ev [QtXml]	_ZN12QDomNotationaSERKS_ [QtXml]
_ZN14QXmlAttributes5clearEv [QtXml]	_ZN14QXmlAttributes6appendERK 7QStringS2_S2_S2_ [QtXml]
_ZN15QXmlInputSource11fromRaw DataERK10QByteArrayb [QtXml]	_ZN15QXmlInputSource4nextEv [QtXml]

_ZN15QXmlInputSource5resetEv [QtXml]	_ZN15QXmlInputSource7setDataERK10QByteArray [QtXml]
_ZN15QXmlInputSource7setDataERK7QString [QtXml]	_ZN15QXmlInputSource9fetchDataEv [QtXml]
_ZN15QXmlInputSourceC1EP9QIODevice [QtXml]	_ZN15QXmlInputSourceC1ER11QTextStream [QtXml]
_ZN15QXmlInputSourceC1ER5QFile [QtXml]	_ZN15QXmlInputSourceC1Ev [QtXml]
_ZN15QXmlInputSourceC2EP9QIODevice [QtXml]	_ZN15QXmlInputSourceC2ER11QTextStream [QtXml]
_ZN15QXmlInputSourceC2ER5QFile [QtXml]	_ZN15QXmlInputSourceC2Ev [QtXml]
_ZN15QXmlInputSourceD0Ev [QtXml]	_ZN15QXmlInputSourceD1Ev [QtXml]
_ZN15QXmlInputSourceD2Ev [QtXml]	_ZN16QDomCDATASectionC1ERKS_ [QtXml]
_ZN16QDomCDATASectionC1Ev [QtXml]	_ZN16QDomCDATASectionC2ERKS_ [QtXml]
_ZN16QDomCDATASectionC2Ev [QtXml]	_ZN16QDomCDATASectionaSERKS_ [QtXml]
ZN16QDomDocumentTypeC1ERKS [QtXml]	_ZN16QDomDocumentTypeC1Ev [QtXml]
ZN16QDomDocumentTypeC2ERKS [QtXml]	_ZN16QDomDocumentTypeC2Ev [QtXml]
ZN16QDomDocumentTypeaSERKS [QtXml]	_ZN16QDomNamedNodeMap12setNamedItemERK8QDomNode [QtXml]
_ZN16QDomNamedNodeMap14setNamedItemNSERK8QDomNode [QtXml]	_ZN16QDomNamedNodeMap15removeNamedItemERK7QString [QtXml]
ZN16QDomNamedNodeMap17removeNamedItemNSERK7QStringS2 [QtXml]	_ZN16QDomNamedNodeMapC1ERKS_ [QtXml]
_ZN16QDomNamedNodeMapC1Ev [QtXml]	_ZN16QDomNamedNodeMapC2ERKS_ [QtXml]
_ZN16QDomNamedNodeMapC2Ev [QtXml]	_ZN16QDomNamedNodeMapD1Ev [QtXml]
_ZN16QDomNamedNodeMapD2Ev [QtXml]	_ZN16QDomNamedNodeMapaSERKS_ [QtXml]
_ZN16QXmlSimpleReader10setFeatureERK7QStringb [QtXml]	_ZN16QXmlSimpleReader11setPropertyERK7QStringPv [QtXml]
_ZN16QXmlSimpleReader13parseContinueEv [QtXml]	_ZN16QXmlSimpleReader13setDTDHandlerEP14QXmlDTDHandler [QtXml]
_ZN16QXmlSimpleReader14setDeclHandlerEP15QXmlDeclHandler	_ZN16QXmlSimpleReader15setErrorHandlerEP16QXmlErrorHandler

[QtXml]	[QtXml]
_ZN16QXmlSimpleReader17setContentHandlerEP18QXmlContentHandler [QtXml]	_ZN16QXmlSimpleReader17setEntityResolverEP18QXmlEntityResolver [QtXml]
_ZN16QXmlSimpleReader17setLexicalHandlerEP18QXmlLexicalHandler [QtXml]	_ZN16QXmlSimpleReader5parseEPK15QXmlInputSource [QtXml]
_ZN16QXmlSimpleReader5parseEPK15QXmlInputSourceb [QtXml]	_ZN16QXmlSimpleReader5parseERK15QXmlInputSource [QtXml]
_ZN16QXmlSimpleReaderC1Ev [QtXml]	_ZN16QXmlSimpleReaderC2Ev [QtXml]
_ZN16QXmlSimpleReaderD0Ev [QtXml]	_ZN16QXmlSimpleReaderD1Ev [QtXml]
_ZN16QXmlSimpleReaderD2Ev [QtXml]	_ZN17QDomCharacterData10appendDataERK7QString [QtXml]
_ZN17QDomCharacterData10deleteDataEmm [QtXml]	_ZN17QDomCharacterData10insertDataEmRK7QString [QtXml]
_ZN17QDomCharacterData11replaceDataEmmRK7QString [QtXml]	_ZN17QDomCharacterData13substringDataEmm [QtXml]
_ZN17QDomCharacterData7setDataERK7QString [QtXml]	_ZN17QDomCharacterDataC1ERKS_ [QtXml]
_ZN17QDomCharacterDataC1Ev [QtXml]	_ZN17QDomCharacterDataC2ERKS_ [QtXml]
_ZN17QDomCharacterDataC2Ev [QtXml]	_ZN17QDomCharacterDataaSERKS_ [QtXml]
_ZN18QDomImplementation14createDocumentERK7QStringS2_RK16QDomDocumentType [QtXml]	_ZN18QDomImplementation17invalidDataPolicyEv [QtXml]
_ZN18QDomImplementation18createDocumentTypeERK7QStringS2_S2_ [QtXml]	_ZN18QDomImplementation20setInvalidDataPolicyENS_17InvalidDataPolicyE [QtXml]
_ZN18QDomImplementation6isNullEv [QtXml]	_ZN18QDomImplementationC1ERKS_ [QtXml]
_ZN18QDomImplementationC1Ev [QtXml]	_ZN18QDomImplementationC2ERKS_ [QtXml]
_ZN18QDomImplementationC2Ev [QtXml]	_ZN18QDomImplementationD1Ev [QtXml]
_ZN18QDomImplementationD2Ev [QtXml]	_ZN18QDomImplementationaSERKS_ [QtXml]
_ZN18QXmlDefaultHandler10charactersERK7QString [QtXml]	_ZN18QXmlDefaultHandler10endElementERK7QStringS2_S2_ [QtXml]
_ZN18QXmlDefaultHandler10fatalErrorERK18QXmlParseException [QtXml]	_ZN18QXmlDefaultHandler10startCDATAEv [QtXml]
_ZN18QXmlDefaultHandler11endDocumentEv [QtXml]	_ZN18QXmlDefaultHandler11startEntityERK7QString [QtXml]

© 2008 Linux Foundation

_ZN18QXmlDefaultHandler12notationDeclERK7QStringS2_S2_ [QtXml]	_ZN18QXmlDefaultHandler12startElementERK7QStringS2_S2_RK14QXmlAttributes [QtXml]
_ZN18QXmlDefaultHandler13attributeDeclERK7QStringS2_S2_S2_S2_ [QtXml]	_ZN18QXmlDefaultHandler13resolveEntityERK7QStringS2_RP15QXmlInputSource [QtXml]
_ZN18QXmlDefaultHandler13skippedEntityERK7QString [QtXml]	_ZN18QXmlDefaultHandler13startDocumentEv [QtXml]
_ZN18QXmlDefaultHandler16endPrefixMappingERK7QString [QtXml]	_ZN18QXmlDefaultHandler18externalEntityDeclERK7QStringS2_S2_ [QtXml]
ZN18QXmlDefaultHandler18internalEntityDeclERK7QStringS2 [QtXml]	_ZN18QXmlDefaultHandler18setDocumentLocatorEP11QXmlLocator [QtXml]
ZN18QXmlDefaultHandler18startPrefixMappingERK7QStringS2 [QtXml]	_ZN18QXmlDefaultHandler18unparsedEntityDeclERK7QStringS2_S2_S2_ [QtXml]
_ZN18QXmlDefaultHandler19ignorableWhitespaceERK7QString [QtXml]	_ZN18QXmlDefaultHandler21processingInstructionERK7QStringS2_ [QtXml]
_ZN18QXmlDefaultHandler5errorERK18QXmlParseException [QtXml]	_ZN18QXmlDefaultHandler6endDTDEv [QtXml]
_ZN18QXmlDefaultHandler7commentERK7QString [QtXml]	_ZN18QXmlDefaultHandler7warningERK18QXmlParseException [QtXml]
_ZN18QXmlDefaultHandler8endCDATAEv [QtXml]	_ZN18QXmlDefaultHandler8startDTDERK7QStringS2_S2_ [QtXml]
_ZN18QXmlDefaultHandler9endEntityERK7QString [QtXml]	_ZN18QXmlParseExceptionC1ERK7QStringiiS2_S2_ [QtXml]
_ZN18QXmlParseExceptionC2ERK7QStringiiS2_S2_ [QtXml]	_ZN18QXmlParseExceptionD1Ev [QtXml]
_ZN18QXmlParseExceptionD2Ev [QtXml]	_ZN19QDomEntityReferenceC1ERKS_ [QtXml]
_ZN19QDomEntityReferenceC1Ev [QtXml]	_ZN19QDomEntityReferenceC2ERKS_ [QtXml]
_ZN19QDomEntityReferenceC2Ev [QtXml]	_ZN19QDomEntityReferenceaSERKS_ [QtXml]
ZN20QDomDocumentFragmentC1ERKS [QtXml]	_ZN20QDomDocumentFragmentC1Ev [QtXml]
ZN20QDomDocumentFragmentC2ERKS [QtXml]	_ZN20QDomDocumentFragmentC2Ev [QtXml]
ZN20QDomDocumentFragmentaSERKS [QtXml]	_ZN20QXmlNamespaceSupport10popContextEv [QtXml]
_ZN20QXmlNamespaceSupport11pushContextEv [QtXml]	_ZN20QXmlNamespaceSupport5resetEv [QtXml]
_ZN20QXmlNamespaceSupport9set	_ZN20QXmlNamespaceSupportC1E

PrefixERK7QStringS2_ [QtXml]	v [QtXml]
_ZN20QXmlNamespaceSupportC2Ev [QtXml]	_ZN20QXmlNamespaceSupportD1Ev [QtXml]
_ZN20QXmlNamespaceSupportD2Ev [QtXml]	_ZN25QDomProcessingInstruction7setDataERK7QString [QtXml]
ZN25QDomProcessingInstructionC1ERKS [QtXml]	_ZN25QDomProcessingInstructionC1Ev [QtXml]
ZN25QDomProcessingInstructionC2ERKS [QtXml]	_ZN25QDomProcessingInstructionC2Ev [QtXml]
ZN25QDomProcessingInstructionaSERKS [QtXml]	_ZN8QDomAttr8setValueERK7QString [QtXml]
ZN8QDomAttrC1ERKS [QtXml]	_ZN8QDomAttrC1Ev [QtXml]
ZN8QDomAttrC2ERKS [QtXml]	_ZN8QDomAttrC2Ev [QtXml]
ZN8QDomAttraSERKS [QtXml]	_ZN8QDomNode11appendChildERKS_ [QtXml]
_ZN8QDomNode11insertAfterERKS_S1_ [QtXml]	_ZN8QDomNode11removeChildERKS_ [QtXml]
_ZN8QDomNode12insertBeforeERKS_S1_ [QtXml]	_ZN8QDomNode12replaceChildERKS_S1_ [QtXml]
_ZN8QDomNode12setNodeValueERK7QString [QtXml]	_ZN8QDomNode5clearEv [QtXml]
_ZN8QDomNode9normalizeEv [QtXml]	_ZN8QDomNode9setPrefixERK7QString [QtXml]
ZN8QDomNodeC1ERKS [QtXml]	_ZN8QDomNodeC1Ev [QtXml]
ZN8QDomNodeC2ERKS [QtXml]	_ZN8QDomNodeC2Ev [QtXml]
_ZN8QDomNodeD1Ev [QtXml]	_ZN8QDomNodeD2Ev [QtXml]
ZN8QDomNodeaSERKS [QtXml]	_ZN8QDomText9splitTextEi [QtXml]
ZN8QDomTextC1ERKS [QtXml]	_ZN8QDomTextC1Ev [QtXml]
ZN8QDomTextC2ERKS [QtXml]	_ZN8QDomTextC2Ev [QtXml]
ZN8QDomTextaSERKS [QtXml]	_ZNK10QDomEntity12notationNameEv [QtXml]
_ZNK10QDomEntity8publicIdEv [QtXml]	_ZNK10QDomEntity8systemIdEv [QtXml]
_ZNK11QDomElement10attributesEv [QtXml]	_ZNK11QDomElement11attributeNSE7QStringRKS0_S2_ [QtXml]
_ZNK11QDomElement12hasAttributeERK7QString [QtXml]	_ZNK11QDomElement14hasAttributeNSERK7QStringS2_ [QtXml]
_ZNK11QDomElement17elementsByTagNameERK7QString [QtXml]	_ZNK11QDomElement19elementsByTagNameNSERK7QStringS2_ [QtXml]
_ZNK11QDomElement4textEv [QtXml]	_ZNK11QDomElement7tagNameEv [QtXml]
ZNK11QDomElement9attributeERK7QStringS2 [QtXml]	_ZNK12QDomDocument11toByteArrayEi [QtXml]

_ZNK12QDomDocument14implementationEv [QtXml]	_ZNK12QDomDocument15documentElementEv [QtXml]
_ZNK12QDomDocument17elementsByTagNameERK7QString [QtXml]	_ZNK12QDomDocument7doctypeEv [QtXml]
_ZNK12QDomDocument8toStringEi [QtXml]	_ZNK12QDomNodeList4itemEi [QtXml]
_ZNK12QDomNodeList6lengthEv [QtXml]	_ZNK12QDomNodeListeqERKS_ [QtXml]
ZNK12QDomNodeListneERKS [QtXml]	_ZNK12QDomNotation8publicIdEv [QtXml]
_ZNK12QDomNotation8systemIdEv [QtXml]	_ZNK14QXmlAttributes3uriEi [QtXml]
_ZNK14QXmlAttributes4typeERK7QString [QtXml]	_ZNK14QXmlAttributes4typeERK7QStringS2_ [QtXml]
_ZNK14QXmlAttributes4typeEi [QtXml]	_ZNK14QXmlAttributes5indexERK7QString [QtXml]
ZNK14QXmlAttributes5indexERK7QStringS2 [QtXml]	_ZNK14QXmlAttributes5qNameEi [QtXml]
_ZNK14QXmlAttributes5valueERK7QString [QtXml]	_ZNK14QXmlAttributes5valueERK7QStringS2_ [QtXml]
_ZNK14QXmlAttributes5valueEi [QtXml]	_ZNK14QXmlAttributes6lengthEv [QtXml]
_ZNK14QXmlAttributes9localNameEi [QtXml]	_ZNK15QXmlInputSource4dataEv [QtXml]
_ZNK16QDomDocumentType14internalSubsetEv [QtXml]	_ZNK16QDomDocumentType4nameEv [QtXml]
_ZNK16QDomDocumentType8entitiesEv [QtXml]	_ZNK16QDomDocumentType8publicIdEv [QtXml]
_ZNK16QDomDocumentType8systemIdEv [QtXml]	_ZNK16QDomDocumentType9notationsEv [QtXml]
ZNK16QDomNamedNodeMap11namedItemNSERK7QStringS2 [QtXml]	_ZNK16QDomNamedNodeMap4itemEi [QtXml]
_ZNK16QDomNamedNodeMap6lengthEv [QtXml]	_ZNK16QDomNamedNodeMap8containsERK7QString [QtXml]
_ZNK16QDomNamedNodeMap9namedItemERK7QString [QtXml]	_ZNK16QDomNamedNodeMapeqERKS_ [QtXml]
ZNK16QDomNamedNodeMapneERKS [QtXml]	_ZNK16QXmlSimpleReader10DTDHandlerEv [QtXml]
_ZNK16QXmlSimpleReader10hasFeatureERK7QString [QtXml]	_ZNK16QXmlSimpleReader11declHandlerEv [QtXml]
_ZNK16QXmlSimpleReader11hasPropertyERK7QString [QtXml]	_ZNK16QXmlSimpleReader12errorHandlerEv [QtXml]
_ZNK16QXmlSimpleReader14contentHandlerEv [QtXml]	_ZNK16QXmlSimpleReader14entityResolverEv [QtXml]
_ZNK16QXmlSimpleReader14lexical	_ZNK16QXmlSimpleReader7feature

HandlerEv [QtXml]	ERK7QStringPb [QtXml]
_ZNK16QXmlSimpleReader8propertyERK7QStringPb [QtXml]	_ZNK17QDomCharacterData4dataEv [QtXml]
_ZNK17QDomCharacterData6lengthEv [QtXml]	_ZNK17QDomCharacterData8nodeTypeEv [QtXml]
ZNK18QDomImplementation10hasFeatureERK7QStringS2 [QtXml]	_ZNK18QDomImplementationeqERKS_ [QtXml]
ZNK18QDomImplementationneERKS [QtXml]	_ZNK18QXmlDefaultHandler11errorStringEv [QtXml]
_ZNK18QXmlParseException10lineNumberEv [QtXml]	_ZNK18QXmlParseException12columnNumberEv [QtXml]
_ZNK18QXmlParseException7messageEv [QtXml]	_ZNK18QXmlParseException8publicIdEv [QtXml]
_ZNK18QXmlParseException8systemIdEv [QtXml]	_ZNK20QXmlNamespaceSupport11processNameERK7QStringbRS0_S3_ [QtXml]
_ZNK20QXmlNamespaceSupport3uriERK7QString [QtXml]	_ZNK20QXmlNamespaceSupport6prefixERK7QString [QtXml]
_ZNK20QXmlNamespaceSupport8prefixesERK7QString [QtXml]	_ZNK20QXmlNamespaceSupport8prefixesEv [QtXml]
_ZNK20QXmlNamespaceSupport9splitNameERK7QStringRS0_S3_ [QtXml]	_ZNK25QDomProcessingInstruction4dataEv [QtXml]
_ZNK25QDomProcessingInstruction6targetEv [QtXml]	_ZNK8QDomAttr12ownerElementEv [QtXml]
_ZNK8QDomAttr4nameEv [QtXml]	_ZNK8QDomAttr5valueEv [QtXml]
_ZNK8QDomAttr9specifiedEv [QtXml]	_ZNK8QDomNode10attributesEv [QtXml]
_ZNK8QDomNode10childNodesEv [QtXml]	_ZNK8QDomNode10firstChildEv [QtXml]
_ZNK8QDomNode10isDocumentEv [QtXml]	_ZNK8QDomNode10isNotationEv [QtXml]
_ZNK8QDomNode10lineNumberEv [QtXml]	_ZNK8QDomNode10parentNodeEv [QtXml]
_ZNK8QDomNode10toDocumentEv [QtXml]	_ZNK8QDomNode10toNotationEv [QtXml]
ZNK8QDomNode11isSupportedERK7QStringS2 [QtXml]	_ZNK8QDomNode11nextSiblingEv [QtXml]
_ZNK8QDomNode12columnNumberEv [QtXml]	_ZNK8QDomNode12namespaceURIEv [QtXml]
_ZNK8QDomNode13hasAttributesEv [QtXml]	_ZNK8QDomNode13hasChildNodesEv [QtXml]
_ZNK8QDomNode13ownerDocumentEv [QtXml]	_ZNK8QDomNode14isCDATASectionEv [QtXml]
_ZNK8QDomNode14isDocumentTypeEv [QtXml]	_ZNK8QDomNode14toCDATASectionEv [QtXml]

_ZNK8QDomNode14toDocumentTypeEv [QtXml]	_ZNK8QDomNode15isCharacterDataEv [QtXml]
_ZNK8QDomNode15previousSiblingEv [QtXml]	_ZNK8QDomNode15toCharacterDataEv [QtXml]
_ZNK8QDomNode16lastChildElementERK7QString [QtXml]	_ZNK8QDomNode17firstChildElementERK7QString [QtXml]
_ZNK8QDomNode17isEntityReferenceEv [QtXml]	_ZNK8QDomNode17toEntityReferenceEv [QtXml]
_ZNK8QDomNode18isDocumentFragmentEv [QtXml]	_ZNK8QDomNode18nextSiblingElementERK7QString [QtXml]
_ZNK8QDomNode18toDocumentFragmentEv [QtXml]	_ZNK8QDomNode22previousSiblingElementERK7QString [QtXml]
_ZNK8QDomNode23isProcessingInstructionEv [QtXml]	_ZNK8QDomNode23toProcessingInstructionEv [QtXml]
_ZNK8QDomNode4saveER11QTextStreami [QtXml]	_ZNK8QDomNode6isAttrEv [QtXml]
_ZNK8QDomNode6isNullEv [QtXml]	_ZNK8QDomNode6isTextEv [QtXml]
_ZNK8QDomNode6prefixEv [QtXml]	_ZNK8QDomNode6toAttrEv [QtXml]
_ZNK8QDomNode6toTextEv [QtXml]	_ZNK8QDomNode8isEntityEv [QtXml]
_ZNK8QDomNode8nodeNameEv [QtXml]	_ZNK8QDomNode8nodeTypeEv [QtXml]
_ZNK8QDomNode8toEntityEv [QtXml]	_ZNK8QDomNode9cloneNodeEb [QtXml]
_ZNK8QDomNode9isCommentEv [QtXml]	_ZNK8QDomNode9isElementEv [QtXml]
_ZNK8QDomNode9lastChildEv [QtXml]	_ZNK8QDomNode9localNameEv [QtXml]
_ZNK8QDomNode9namedItemERK7QString [QtXml]	_ZNK8QDomNode9nodeValueEv [QtXml]
_ZNK8QDomNode9toCommentEv [QtXml]	_ZNK8QDomNode9toElementEv [QtXml]
ZNK8QDomNodeeqERKS [QtXml]	_ZNK8QDomNodeneERKS_ [QtXml]
_ZlsR11QTextStreamRK8QDomNode [QtXml]	

An LSB conforming implementation shall provide the generic data interfaces for Qt4 XML specified in Table 17-537, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-537 libQtXml - Qt4 XML Data Interfaces

_ZN15QXmlInputSource13EndOfDocumentE [QtXml]	_ZN15QXmlInputSource9EndOfDataE [QtXml]

_ZTI10QXmlReader [CXXABI]	_ZTI11QXmlLocator [CXXABI]
_ZTI14QXmlAttributes [CXXABI]	_ZTI14QXmlDTDHandler [CXXABI]
_ZTI15QXmlDeclHandler [CXXABI]	_ZTI15QXmlInputSource [CXXABI]
_ZTI16QXmlErrorHandler [CXXABI]	_ZTI16QXmlSimpleReader [CXXABI]
_ZTI18QXmlContentHandler [CXXABI]	_ZTI18QXmlDefaultHandler [CXXABI]
_ZTI18QXmlEntityResolver [CXXABI]	_ZTI18QXmlLexicalHandler [CXXABI]
_ZTV10QXmlReader [CXXABI]	_ZTV11QXmlLocator [CXXABI]
_ZTV14QXmlAttributes [CXXABI]	_ZTV14QXmlDTDHandler [CXXABI]
_ZTV15QXmlDeclHandler [CXXABI]	_ZTV15QXmlInputSource [CXXABI]
_ZTV16QXmlErrorHandler [CXXABI]	_ZTV16QXmlSimpleReader [CXXABI]
_ZTV18QXmlContentHandler [CXXABI]	_ZTV18QXmlDefaultHandler [CXXABI]
_ZTV18QXmlEntityResolver [CXXABI]	_ZTV18QXmlLexicalHandler [CXXABI]

17.7 Data Definitions for libQtXml

This section defines global identifiers and their values that are associated with interfaces contained in libQtXml. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

17.7.1 QtXml/qdom.h

```
class QDomImplementation;
enum _ZN18QDomImplementation17InvalidDataPolicyE {
    AcceptInvalidChars = 0,
    DropInvalidChars = 1,
    ReturnNullNode = 2
};
class QDomNode;
enum _ZN8QDomNode8NodeTypeE {
    ElementNode = 1,
    AttributeNode = 2,
```

```
    TextNode = 3,
    CDATASectionNode = 4,
    EntityReferenceNode = 5,
    EntityNode = 6,
    ProcessingInstructionNode = 7,
    CommentNode = 8,
    DocumentNode = 9,
    DocumentTypeNode = 10,
    DocumentFragmentNode = 11,
    NotationNode = 12,
    BaseNode = 21,
    CharacterDataNode = 22
};
class QDomNodeList;
class QDomDocumentType;
class QDomDocument;
class QDomNamedNodeMap;
class QDomDocumentFragment;
class QDomCharacterData;
class QDomAttr;
class QDomElement;
class QDomText;
class QDomComment;
class QDomCDATASection;
class QDomNotation;
class QDomEntity;
class QDomEntityReference;
class QDomProcessingInstruction;
```

17.7.2 QtXml/qxml.h

```
typedef enum QtValidLicenseForXmlModule QtXmlModule;
class QXmlNamespaceSupport;
class QXmlAttributes;
struct QXmlAttributes::Attribute;
class QXmlInputSource;
class QXmlParseException;
class QXmlReader;
class QXmlSimpleReader;
class QXmlLocator;
class QXmlContentHandler;
class QXmlErrorHandler;
class QXmlDTDHandler;
class QXmlEntityResolver;
class QXmlLexicalHandler;
class QXmlDeclHandler;
class QXmlDefaultHandler;
```

17.8 Interfaces for libQtOpenGL

Table 17-538 defines the library name and shared object name for the libQtOpenGL library

Table 17-538 libQtOpenGL Definition

Library:	libQtOpenGL
SONAME:	libQtOpenGL.so.4

The behavior of the interfaces in this library is specified by the following specifications:

[CXXABI] Itanium™ C++ ABI

[QtOpenGL] QtOpenGL 4.2.0

[QtXml] QtXml 4.2.0

17.8.1 Qt4 OpenGL

17.8.1.1 Class data for QGLContext

The virtual table for the QGLContext class is described by Table 17-539

Table 17-539 Primary vtable for QGLContext

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGLContext
vfunc[0]:	QGLContext::~QGLContext()
vfunc[1]:	QGLContext::~QGLContext()
vfunc[2]:	QGLContext::create(QGLContext const*)
vfunc[3]:	QGLContext::makeCurrent()
vfunc[4]:	QGLContext::doneCurrent()
vfunc[5]:	QGLContext::swapBuffers() const
vfunc[6]:	QGLContext::chooseContext(QGLContext const*)
vfunc[7]:	QGLContext::tryVisual(QGLFormat const&, int)
vfunc[8]:	QGLContext::chooseVisual()

The Run Time Type Information for the QGLContext class is described by Table 17-540

Table 17-540 typeinfo for QGLContext

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QGLContext

17.8.1.2 Class data for QGLWidget

The virtual table for the QGLWidget class is described by Table 17-541

Table 17-541 Primary vtable for QGLWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGLWidget
vfunc[0]:	QGLWidget::metaObject() const
vfunc[1]:	QGLWidget::qt_metacast(char const*)
vfunc[2]:	QGLWidget::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QGLWidget::~QGLWidget()
vfunc[4]:	QGLWidget::~QGLWidget()

vfunc[5]:	QGLWidget::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QGLWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QGLWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QGLWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)

© 2008 Linux Foundation

vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QGLWidget::updateGL()
vfunc[55]:	QGLWidget::updateOverlayGL()
vfunc[56]:	QGLWidget::initializeGL()
vfunc[57]:	QGLWidget::resizeGL(int, int)
vfunc[58]:	QGLWidget::paintGL()
vfunc[59]:	QGLWidget::initializeOverlayGL()
vfunc[60]:	QGLWidget::resizeOverlayGL(int, int)
vfunc[61]:	QGLWidget::paintOverlayGL()
vfunc[62]:	QGLWidget::glInit()
vfunc[63]:	QGLWidget::glDraw()

The Run Time Type Information for the QGLWidget class is described by Table

17-542

Table 17-542 typeinfo for QGLWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGLWidget
basetype:	typeinfo for QWidget

17.8.1.3 Class data for QGLPixelBuffer

The virtual table for the QGLPixelBuffer class is described by Table 17-543

Table 17-543 Primary vtable for QGLPixelBuffer

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGLPixelBuffer
vfunc[0]:	QGLPixelBuffer::~QGLPixelBuffer()
vfunc[1]:	QGLPixelBuffer::~QGLPixelBuffer()
vfunc[2]:	NULL or QGLPixelBuffer::devType() const
vfunc[3]:	QGLPixelBuffer::paintEngine() const
vfunc[4]:	QGLPixelBuffer::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QGLPixelBuffer class is described by Table 17-544

Table 17-544 typeinfo for QGLPixelBuffer

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGLPixelBuffer
basetype:	typeinfo for QPaintDevice

17.8.1.4 Class data for QGLFramebufferObject

The virtual table for the QGLFramebufferObject class is described by Table 17-545

Table 17-545 Primary vtable for QGLFramebufferObject

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGLFramebufferObject
vfunc[0]:	QGLFramebufferObject::~QGLFramebufferObject()
vfunc[1]:	QGLFramebufferObject::~QGLFramebufferObject()
vfunc[2]:	NULL or QGLFramebufferObject::devType() const

vfunc[3]:	QGLFramebufferObject::paintEngine() const
vfunc[4]:	QGLFramebufferObject::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QGLFramebufferObject class is described by Table 17-546

Table 17-546 typeinfo for QGLFramebufferObject

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGLFramebufferObject
basetype:	typeinfo for QPaintDevice

17.8.1.5 Interfaces for Qt4 OpenGL

An LSB conforming implementation shall provide the generic functions for Qt4 OpenGL specified in Table 17-547, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-547 libQtOpenGL - Qt4 OpenGL Function Interfaces

_ZN10QGLContext11bindTextureERK6QImageji [QtOpenGL]	_ZN10QGLContext11bindTextureERK7QPixmapji [QtOpenGL]
_ZN10QGLContext11bindTextureERK7QString [QtOpenGL]	_ZN10QGLContext11doneCurrentEv [QtOpenGL]
_ZN10QGLContext11makeCurrentEv [QtOpenGL]	_ZN10QGLContext12chooseVisualEv [QtOpenGL]
ZN10QGLContext13chooseContextEPKS [QtOpenGL]	_ZN10QGLContext13deleteTextureEj [QtOpenGL]
_ZN10QGLContext14currentContextEv [QtOpenGL]	_ZN10QGLContext14setInitializedEb [QtOpenGL]
_ZN10QGLContext16setWindowCreatedEb [QtOpenGL]	_ZN10QGLContext17textureCacheLimitEv [QtOpenGL]
_ZN10QGLContext20setTextureCacheLimitEi [QtOpenGL]	_ZN10QGLContext24generateFontDisplayListsERK5QFonti [QtOpenGL]
_ZN10QGLContext5resetEv [QtOpenGL]	_ZN10QGLContext6createEPKS_ [QtOpenGL]
_ZN10QGLContext8setValidEb [QtOpenGL]	_ZN10QGLContext9setDeviceEP12QPaintDevice [QtOpenGL]
_ZN10QGLContext9setFormatERK9QGLFormat [QtOpenGL]	_ZN10QGLContext9tryVisualERK9QGLFormati [QtOpenGL]
_ZN10QGLContextC1ERK9QGLFormat [QtOpenGL]	_ZN10QGLContextC1ERK9QGLFormatP12QPaintDevice [QtOpenGL]
_ZN10QGLContextC2ERK9QGLFormat [QtOpenGL]	_ZN10QGLContextC2ERK9QGLFormatP12QPaintDevice [QtOpenGL]
_ZN10QGLContextD0Ev [QtOpenGL]	_ZN10QGLContextD1Ev [QtOpenGL]

_ZN10QGLContextD2Ev [QtOpenGL]	_ZN11QGLColormap10setEntriesEiPKji [QtOpenGL]
_ZN11QGLColormap8setEntryEiRK6QColor [QtOpenGL]	_ZN11QGLColormap8setEntryEij [QtOpenGL]
ZN11QGLColormapC1ERKS [QtOpenGL]	_ZN11QGLColormapC1Ev [QtOpenGL]
ZN11QGLColormapC2ERKS [QtOpenGL]	_ZN11QGLColormapC2Ev [QtOpenGL]
_ZN11QGLColormapD1Ev [QtOpenGL]	_ZN11QGLColormapD2Ev [QtOpenGL]
ZN11QGLColormapaSERKS [QtOpenGL]	_ZN14QGLPixelBuffer11bindTextureERK6QImagej [QtOpenGL]
_ZN14QGLPixelBuffer11bindTextureERK7QPixmapj [QtOpenGL]	_ZN14QGLPixelBuffer11bindTextureERK7QString [QtOpenGL]
_ZN14QGLPixelBuffer11doneCurrentEv [QtOpenGL]	_ZN14QGLPixelBuffer11makeCurrentEv [QtOpenGL]
_ZN14QGLPixelBuffer13deleteTextureEj [QtOpenGL]	_ZN14QGLPixelBuffer17hasOpenGLPbuffersEv [QtOpenGL]
_ZN14QGLPixelBuffer20bindToDynamicTextureEj [QtOpenGL]	_ZN14QGLPixelBuffer25releaseFromDynamicTextureEv [QtOpenGL]
_ZN14QGLPixelBufferC1ERK5QSizeRK9QGLFormatP9QGLWidget [QtOpenGL]	_ZN14QGLPixelBufferC1EiiRK9QGLFormatP9QGLWidget [QtXml]
_ZN14QGLPixelBufferC2ERK5QSizeRK9QGLFormatP9QGLWidget [QtOpenGL]	_ZN14QGLPixelBufferC2EiiRK9QGLFormatP9QGLWidget [QtXml]
_ZN14QGLPixelBufferD0Ev [QtOpenGL]	_ZN14QGLPixelBufferD1Ev [QtOpenGL]
_ZN14QGLPixelBufferD2Ev [QtOpenGL]	_ZN20QGLFramebufferObject27hasOpenGLFramebufferObjectsEv [QtXml]
_ZN20QGLFramebufferObject4bindEv [QtXml]	_ZN20QGLFramebufferObject7releaseEv [QtXml]
_ZN20QGLFramebufferObjectC1ERK5QSizej [QtXml]	_ZN20QGLFramebufferObjectC1Eiij [QtXml]
_ZN20QGLFramebufferObjectC2ERK5QSizej [QtXml]	_ZN20QGLFramebufferObjectC2Eiij [QtXml]
_ZN20QGLFramebufferObjectD0Ev [QtXml]	_ZN20QGLFramebufferObjectD1Ev [QtXml]
_ZN20QGLFramebufferObjectD2Ev [QtXml]	_ZN9QGLFormat10setOverlayEb [QtOpenGL]
_ZN9QGLFormat10setSamplesEi [QtOpenGL]	_ZN9QGLFormat10setStencilEb [QtOpenGL]
_ZN9QGLFormat13defaultFormatEv [QtOpenGL]	_ZN9QGLFormat15setDoubleBufferEb [QtOpenGL]
_ZN9QGLFormat15setSwapInterval	_ZN9QGLFormat16setDefaultForma

Ei [QtXml]	tERKS_ [QtOpenGL]
_ZN9QGLFormat16setRedBufferSize Ei [QtXml]	_ZN9QGLFormat16setSampleBuffer sEb [QtOpenGL]
_ZN9QGLFormat17hasOpenGLOver laysEv [QtOpenGL]	_ZN9QGLFormat17setBlueBufferSiz eEi [QtXml]
_ZN9QGLFormat18openGLVersionF lagsEv [QtXml]	_ZN9QGLFormat18setAccumBuffer SizeEi [QtOpenGL]
_ZN9QGLFormat18setAlphaBufferSi zeEi [QtOpenGL]	_ZN9QGLFormat18setDepthBufferSi zeEi [QtOpenGL]
_ZN9QGLFormat18setDirectRenderi ngEb [QtOpenGL]	_ZN9QGLFormat18setGreenBufferSi zeEi [QtXml]
_ZN9QGLFormat20defaultOverlayF ormatEv [QtOpenGL]	_ZN9QGLFormat20setStencilBufferS izeEi [QtOpenGL]
ZN9QGLFormat23setDefaultOverla yFormatERKS [QtOpenGL]	_ZN9QGLFormat7setRgbaEb [QtOpenGL]
_ZN9QGLFormat8setAccumEb [QtOpenGL]	_ZN9QGLFormat8setAlphaEb [QtOpenGL]
_ZN9QGLFormat8setDepthEb [QtOpenGL]	_ZN9QGLFormat8setPlaneEi [QtOpenGL]
_ZN9QGLFormat9hasOpenGLEv [QtOpenGL]	_ZN9QGLFormat9setOptionE6QFla gsIN3QGL12FormatOptionEE [QtOpenGL]
_ZN9QGLFormat9setStereoEb [QtOpenGL]	_ZN9QGLFormatC1E6QFlagsIN3Q GL12FormatOptionEEi [QtOpenGL]
ZN9QGLFormatC1ERKS [QtOpenGL]	_ZN9QGLFormatC1Ev [QtOpenGL]
_ZN9QGLFormatC2E6QFlagsIN3Q GL12FormatOptionEEi [QtOpenGL]	_ZN9QGLFormatC2ERKS_ [QtOpenGL]
_ZN9QGLFormatC2Ev [QtOpenGL]	_ZN9QGLFormatD1Ev [QtOpenGL]
_ZN9QGLFormatD2Ev [QtOpenGL]	_ZN9QGLFormataSERKS_ [QtOpenGL]
_ZN9QGLWidget10paintEventEP11 QPaintEvent [QtOpenGL]	_ZN9QGLWidget10renderTextEddd RK7QStringRK5QFonti [QtOpenGL]
_ZN9QGLWidget10renderTextEiiRK 7QStringRK5QFonti [QtOpenGL]	_ZN9QGLWidget10setContextEP10 QGLContextPKS0_b [QtOpenGL]
_ZN9QGLWidget11bindTextureERK 6QImageji [QtOpenGL]	_ZN9QGLWidget11bindTextureERK 7QPixmapji [QtOpenGL]
_ZN9QGLWidget11bindTextureERK 7QString [QtOpenGL]	_ZN9QGLWidget11doneCurrentEv [QtOpenGL]
_ZN9QGLWidget11makeCurrentEv [QtOpenGL]	_ZN9QGLWidget11qt_metacallEN11 QMetaObject4CallEiPPv [QtOpenGL]
_ZN9QGLWidget11qt_metacastEPK c [QtOpenGL]	_ZN9QGLWidget11resizeEventEP12 QResizeEvent [QtOpenGL]
_ZN9QGLWidget11setColormapER K11QGLColormap [QtOpenGL]	_ZN9QGLWidget11swapBuffersEv [QtOpenGL]

© 2008 Linux Foundation

_ZN9QGLWidget12initializeGLEv [QtOpenGL]	_ZN9QGLWidget12renderPixmapEiib [QtOpenGL]
_ZN9QGLWidget13deleteTextureEj [QtOpenGL]	_ZN9QGLWidget14paintOverlayGLEv [QtOpenGL]
_ZN9QGLWidget15grabFrameBufferEb [QtOpenGL]	_ZN9QGLWidget15resizeOverlayGLEii [QtOpenGL]
_ZN9QGLWidget15updateOverlayGLEv [QtOpenGL]	_ZN9QGLWidget16setMouseTrackingEb [QtOpenGL]
_ZN9QGLWidget17convertToGLFormatERK6QImage [QtOpenGL]	_ZN9QGLWidget17setAutoBufferSwapEb [QtOpenGL]
_ZN9QGLWidget18makeOverlayCurrentEv [QtOpenGL]	_ZN9QGLWidget19fontDisplayListBaseERK5QFonti [QtOpenGL]
_ZN9QGLWidget19initializeOverlayGLEv [QtOpenGL]	_ZN9QGLWidget5eventEP6QEvent [QtOpenGL]
_ZN9QGLWidget6glDrawEv [QtOpenGL]	_ZN9QGLWidget6glInitEv [QtOpenGL]
_ZN9QGLWidget7paintGLEv [QtOpenGL]	_ZN9QGLWidget8resizeGLEii [QtOpenGL]
_ZN9QGLWidget8updateGLEv [QtOpenGL]	_ZN9QGLWidget9setFormatERK9QGLFormat [QtOpenGL]
_ZN9QGLWidgetC1EP10QGLContextP7QWidgetPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]	_ZN9QGLWidgetC1EP10QGLContextP7QWidgetPKcPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]
_ZN9QGLWidgetC1EP7QWidgetPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]	_ZN9QGLWidgetC1EP7QWidgetPKcPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]
_ZN9QGLWidgetC1ERK9QGLFormatP7QWidgetPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]	_ZN9QGLWidgetC1ERK9QGLFormatP7QWidgetPKcPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]
_ZN9QGLWidgetC2EP10QGLContextP7QWidgetPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]	_ZN9QGLWidgetC2EP10QGLContextP7QWidgetPKcPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]
_ZN9QGLWidgetC2EP7QWidgetPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]	_ZN9QGLWidgetC2EP7QWidgetPKcPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]
_ZN9QGLWidgetC2ERK9QGLFormatP7QWidgetPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]	_ZN9QGLWidgetC2ERK9QGLFormatP7QWidgetPKcPKS_6QFlagsIN2Qt10WindowTypeEE [QtOpenGL]
_ZN9QGLWidgetD0Ev [QtOpenGL]	_ZN9QGLWidgetD1Ev [QtOpenGL]
_ZN9QGLWidgetD2Ev [QtOpenGL]	_ZNK10QGLContext10colorIndexERK6QColor [QtOpenGL]
_ZNK10QGLContext11initializedEv [QtOpenGL]	_ZNK10QGLContext11swapBuffersEv [QtOpenGL]
_ZNK10QGLContext13windowCreatedEv [QtOpenGL]	_ZNK10QGLContext14deviceIsPixmapEv [QtOpenGL]
_ZNK10QGLContext14getProcAddr	_ZNK10QGLContext15requestedFor

essERK7QString [QtOpenGL]	matEv [QtOpenGL]
_ZNK10QGLContext23overlayTransparentColorEv [QtOpenGL]	_ZNK10QGLContext6deviceEv [QtOpenGL]
_ZNK10QGLContext6formatEv [QtOpenGL]	_ZNK10QGLContext7isValidEv [QtOpenGL]
_ZNK10QGLContext9isSharingEv [QtOpenGL]	_ZNK11QGLColormap10entryColorEi [QtOpenGL]
_ZNK11QGLColormap11findNearestEj [QtOpenGL]	_ZNK11QGLColormap4findEj [QtOpenGL]
_ZNK11QGLColormap4sizeEv [QtOpenGL]	_ZNK11QGLColormap7isEmptyEv [QtOpenGL]
_ZNK11QGLColormap8entryRgbEi [QtOpenGL]	_ZNK14QGLPixelBuffer11paintEngineEv [QtOpenGL]
_ZNK14QGLPixelBuffer20updateDynamicTextureEj [QtOpenGL]	_ZNK14QGLPixelBuffer22generateDynamicTextureEv [QtOpenGL]
_ZNK14QGLPixelBuffer4sizeEv [QtOpenGL]	_ZNK14QGLPixelBuffer6formatEv [QtOpenGL]
_ZNK14QGLPixelBuffer6handleEv [QtOpenGL]	_ZNK14QGLPixelBuffer6metricEN12QPaintDevice17PaintDeviceMetricE [QtOpenGL]
_ZNK14QGLPixelBuffer7isValidEv [QtOpenGL]	_ZNK14QGLPixelBuffer7toImageEv [QtOpenGL]
_ZNK20QGLFramebufferObject11paintEngineEv [QtXml]	_ZNK20QGLFramebufferObject4sizeEv [QtXml]
_ZNK20QGLFramebufferObject6handleEv [QtXml]	_ZNK20QGLFramebufferObject6metricEN12QPaintDevice17PaintDeviceMetricE [QtXml]
_ZNK20QGLFramebufferObject7isValidEv [QtXml]	_ZNK20QGLFramebufferObject7textureEv [QtXml]
_ZNK20QGLFramebufferObject7toImageEv [QtXml]	_ZNK9QGLFormat10testOptionE6QFlagsIN3QGL12FormatOptionEE [QtOpenGL]
_ZNK9QGLFormat12swapIntervalEv [QtXml]	_ZNK9QGLFormat13redBufferSizeEv [QtXml]
_ZNK9QGLFormat14blueBufferSizeEv [QtXml]	_ZNK9QGLFormat15accumBufferSizeEv [QtOpenGL]
_ZNK9QGLFormat15alphaBufferSizeEv [QtOpenGL]	_ZNK9QGLFormat15depthBufferSizeEv [QtOpenGL]
_ZNK9QGLFormat15greenBufferSizeEv [QtXml]	_ZNK9QGLFormat17stencilBufferSizeEv [QtOpenGL]
_ZNK9QGLFormat5planeEv [QtOpenGL]	_ZNK9QGLFormat7samplesEv [QtOpenGL]
_ZNK9QGLWidget10metaObjectEv [QtOpenGL]	_ZNK9QGLWidget11paintEngineEv [QtOpenGL]
_ZNK9QGLWidget12doubleBufferEv [QtOpenGL]	_ZNK9QGLWidget13qglClearColorERK6QColor [QtOpenGL]

_ZNK9QGLWidget14autoBufferSwapEv [QtOpenGL]	_ZNK9QGLWidget14overlayContextEv [QtOpenGL]
_ZNK9QGLWidget6formatEv [QtOpenGL]	_ZNK9QGLWidget7contextEv [QtOpenGL]
_ZNK9QGLWidget7isValidEv [QtOpenGL]	_ZNK9QGLWidget8colormapEv [QtOpenGL]
_ZNK9QGLWidget8qglColorERK6QColor [QtOpenGL]	_ZNK9QGLWidget9isSharingEv [QtOpenGL]
ZeqRK9QGLFormatS1 [QtOpenGL]	_ZneRK9QGLFormatS1_ [QtOpenGL]

An LSB conforming implementation shall provide the generic data interfaces for Qt4 OpenGL specified in Table 17-548, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-548 libQtOpenGL - Qt4 OpenGL Data Interfaces

_ZN10QGLContext10currentCtxE [QtOpenGL]	_ZN9QGLWidget16staticMetaObjectE [QtOpenGL]
_ZTI10QGLContext [CXXABI]	_ZTI14QGLPixelBuffer [CXXABI]
_ZTI20QGLFramebufferObject [CXXABI]	_ZTI9QGLWidget [CXXABI]
_ZTV10QGLContext [CXXABI]	_ZTV14QGLPixelBuffer [CXXABI]
_ZTV20QGLFramebufferObject [CXXABI]	_ZTV9QGLWidget [CXXABI]

17.9 Data Definitions for libQtOpenGL

This section defines global identifiers and their values that are associated with interfaces contained in libQtOpenGL. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

17.9.1 QtOpenGL/qgl.h

```
enum _ZN3QGL12FormatOptionE {
    DoubleBuffer = 1,
    DepthBuffer = 2,
    Rgba = 4,
    AlphaChannel = 8,
```

```
    AccumBuffer = 16,
    StencilBuffer = 32,
    StereoBuffers = 64,
    DirectRendering = 128,
    HasOverlay = 256,
    SampleBuffers = 512,
    SingleBuffer = 65536,
    NoDepthBuffer = 131072,
    ColorIndex = 262144,
    NoAlphaChannel = 524288,
    NoAccumBuffer = 1048576,
    NoStencilBuffer = 2097152,
    NoStereoBuffers = 4194304,
    IndirectRendering = 8388608,
    NoOverlay = 16777216,
    NoSampleBuffers = 33554432
};
class QFlags < QGL::FormatOption >;
typedef class QFlags < QGL::FormatOption > QGL::FormatOptions;
class QGLFormat;
class QGLContext;
class QGLWidget;
```

17.9.2 QtOpenGL/qglcolormap.h

```
class QGLColormap;
struct QGLColormap::QGLColormapData;
```

17.9.3 QtOpenGL/qglpixelbuffer.h

```
typedef enum QtValidLicenseForOpenGLModule QtOpenGLModule;
class QGLPixelBuffer;
```

17.10 Interfaces for libQtSql

Table 17-549 defines the library name and shared object name for the libQtSql library

Table 17-549 libQtSql Definition

Library:	libQtSql
SONAME:	libQtSql.so.4

The behavior of the interfaces in this library is specified by the following specifications:

[CXXABI] Itanium™ C++ ABI
[QtSql] QtSql 4.2.0
[QtXml] QtXml 4.2.0

17.10.1 Qt4 SQL

17.10.1.1 Class data for QSqlResult

The virtual table for the QSqlResult class is described by Table 17-550

Table 17-550 Primary vtable for QSqlResult

Base Offset	0
Virtual Base Offset	0

RTTI	typeinfo for QSqlResult
vfunc[0]:	QSqlResult::~QSqlResult()
vfunc[1]:	QSqlResult::~QSqlResult()
vfunc[2]:	QSqlResult::handle() const
vfunc[3]:	QSqlResult::setAt(int)
vfunc[4]:	QSqlResult::setActive(bool)
vfunc[5]:	QSqlResult::setLastError(QSqlError const&)
vfunc[6]:	QSqlResult::setQuery(QString const&)
vfunc[7]:	QSqlResult::setSelect(bool)
vfunc[8]:	QSqlResult::setForwardOnly(bool)
vfunc[9]:	QSqlResult::exec()
vfunc[10]:	QSqlResult::prepare(QString const&)
vfunc[11]:	QSqlResult::savePrepare(QString const&)
vfunc[12]:	QSqlResult::bindValue(int, QVariant const&, QFlags<QSql::ParamTypeFlag>)
vfunc[13]:	QSqlResult::bindValue(QString const&, QVariant const&, QFlags<QSql::ParamTypeFlag>)
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	__cxa_pure_virtual
vfunc[17]:	__cxa_pure_virtual
vfunc[18]:	QSqlResult::fetchNext()
vfunc[19]:	QSqlResult::fetchPrevious()
vfunc[20]:	__cxa_pure_virtual
vfunc[21]:	__cxa_pure_virtual
vfunc[22]:	__cxa_pure_virtual
vfunc[23]:	__cxa_pure_virtual
vfunc[24]:	QSqlResult::record() const
vfunc[25]:	QSqlResult::lastInsertId() const
vfunc[26]:	QSqlResult::virtual_hook(int, void*)

The Run Time Type Information for the QSqlResult class is described by Table 17-551

Table 17-551 typeinfo for QSqlResult

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QSqlResult

17.10.1.2 Class data for QSqlDriverFactoryInterface

The virtual table for the QSqlDriverFactoryInterface class is described by Table 17-552

Table 17-552 Primary vtable for QSqlDriverFactoryInterface

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlDriverFactoryInterface
vfunc[0]:	NULL or QSqlDriverFactoryInterface::~QSqlDriverFactoryInterface()
vfunc[1]:	NULL or QSqlDriverFactoryInterface::~QSqlDriverFactoryInterface()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QSqlDriverFactoryInterface class is described by Table 17-553

Table 17-553 typeinfo for QSqlDriverFactoryInterface

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlDriverFactoryInterface
basetype:	typeinfo for QFactoryInterface

17.10.1.3 Class data for QSqlDriverPlugin

The virtual table for the QSqlDriverPlugin class is described by Table 17-554

Table 17-554 Primary vtable for QSqlDriverPlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlDriverPlugin
vfunc[0]:	QSqlDriverPlugin::metaObject() const
vfunc[1]:	QSqlDriverPlugin::qt_metacast(char const*)
vfunc[2]:	QSqlDriverPlugin::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSqlDriverPlugin::~QSqlDriverPlugin()
vfunc[4]:	QSqlDriverPlugin::~QSqlDriverPlugin()
vfunc[5]:	QObject::event(QEvent*)

vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual

The Run Time Type Information for the QSqlDriverPlugin class is described by Table 17-555

Table 17-555 typeinfo for QSqlDriverPlugin

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QSqlDriverPlugin	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QSqlDriverFactoryInterface	2050

17.10.1.4 Class data for QSqlDriver

The virtual table for the QSqlDriver class is described by Table 17-556

Table 17-556 Primary vtable for QSqlDriver

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlDriver
vfunc[0]:	QSqlDriver::metaObject() const
vfunc[1]:	QSqlDriver::qt_metacast(char const*)
vfunc[2]:	QSqlDriver::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSqlDriver::~QSqlDriver()
vfunc[4]:	QSqlDriver::~QSqlDriver()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)

vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QSqlDriver::isOpen() const
vfunc[13]:	QSqlDriver::beginTransaction()
vfunc[14]:	QSqlDriver::commitTransaction()
vfunc[15]:	QSqlDriver::rollbackTransaction()
vfunc[16]:	QSqlDriver::tables(QSql::TableType) const
vfunc[17]:	QSqlDriver::primaryIndex(QString const&) const
vfunc[18]:	QSqlDriver::record(QString const&) const
vfunc[19]:	QSqlDriver::formatValue(QSqlField const&, bool) const
vfunc[20]:	QSqlDriver::escapeIdentifier(QString const&, QSqlDriver::IdentifierType) const
vfunc[21]:	QSqlDriver::sqlStatement(QSqlDriver::StatementType, QString const&, QSqlRecord const&, bool) const
vfunc[22]:	QSqlDriver::handle() const
vfunc[23]:	__cxa_pure_virtual
vfunc[24]:	__cxa_pure_virtual
vfunc[25]:	__cxa_pure_virtual
vfunc[26]:	__cxa_pure_virtual
vfunc[27]:	QSqlDriver::setOpen(bool)
vfunc[28]:	QSqlDriver::setOpenError(bool)
vfunc[29]:	QSqlDriver::setLastError(QSqlError const&)

The Run Time Type Information for the QSqlDriver class is described by Table 17-557

Table 17-557 typeinfo for QSqlDriver

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlDriver
basetype:	typeinfo for QObject

17.10.1.5 Class data for QSqlQueryModel

The virtual table for the QSqlQueryModel class is described by Table 17-558

Table 17-558 Primary vtable for QSqlQueryModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlQueryModel
vfunc[0]:	QSqlQueryModel::metaObject() const
vfunc[1]:	QSqlQueryModel::qt_metacast(char const*)
vfunc[2]:	QSqlQueryModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSqlQueryModel::~QSqlQueryModel()
vfunc[4]:	QSqlQueryModel::~QSqlQueryModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QAbstractTableModel::index(int, int, QModelIndex const&) const
vfunc[13]:	QAbstractTableModel::parent(QModelIndex const&) const
vfunc[14]:	QSqlQueryModel::rowCount(QModelIndex const&) const
vfunc[15]:	QSqlQueryModel::columnCount(QModelIndex const&) const
vfunc[16]:	QAbstractTableModel::hasChildren(QModelIndex const&) const
vfunc[17]:	QSqlQueryModel::data(QModelIndex const&, int) const
vfunc[18]:	QAbstractItemModel::setData(QModelIndex const&, QVariant const&, int)
vfunc[19]:	QSqlQueryModel::headerData(int, Qt::Orientation, int) const
vfunc[20]:	QSqlQueryModel::setHeaderData(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const

vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QAbstractItemModel::mimeTypes() const
vfunc[24]:	QAbstractItemModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QAbstractTableModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QAbstractItemModel::supportedDropActions() const
vfunc[27]:	QAbstractItemModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QSqlQueryModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QAbstractItemModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QSqlQueryModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QSqlQueryModel::fetchMore(QModelIndex const&)
vfunc[32]:	QSqlQueryModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QAbstractItemModel::flags(QModelIndex const&) const
vfunc[34]:	QAbstractItemModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QAbstractItemModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QAbstractItemModel::span(QModelIndex const&) const
vfunc[38]:	QAbstractItemModel::submit()
vfunc[39]:	QAbstractItemModel::revert()
vfunc[40]:	QSqlQueryModel::clear()
vfunc[41]:	QSqlQueryModel::queryChange()

The Run Time Type Information for the QSqlQueryModel class is described by Table 17-559

Table 17-559 typeinfo for QSqlQueryModel

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlQueryModel
basetype:	typeinfo for QAbstractTableModel

17.10.1.6 Class data for QSqlTableModel

The virtual table for the QSqlTableModel class is described by Table 17-560

Table 17-560 Primary vtable for QSqlTableModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlTableModel
vfunc[0]:	QSqlTableModel::metaObject() const
vfunc[1]:	QSqlTableModel::qt_metacast(char const*)
vfunc[2]:	QSqlTableModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSqlTableModel::~QSqlTableModel()
vfunc[4]:	QSqlTableModel::~QSqlTableModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QAbstractTableModel::index(int, int, QModelIndex const&) const
vfunc[13]:	QAbstractTableModel::parent(QModelIndex const&) const
vfunc[14]:	QSqlTableModel::rowCount(QModelIndex const&) const
vfunc[15]:	QSqlQueryModel::columnCount(QModelIndex const&) const
vfunc[16]:	QAbstractTableModel::hasChildren(QModelIndex const&) const
vfunc[17]:	QSqlTableModel::data(QModelIndex const&, int) const
vfunc[18]:	QSqlTableModel::setData(QModelIndex const&, QVariant const&, int)
vfunc[19]:	QSqlTableModel::headerData(int,

	Qt::Orientation, int) const
vfunc[20]:	QSqlQueryModel::setHeaderData(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QAbstractItemModel::mimeTypes() const
vfunc[24]:	QAbstractItemModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QAbstractTableModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)
vfunc[26]:	QAbstractItemModel::supportedDropActions() const
vfunc[27]:	QSqlTableModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QSqlQueryModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QSqlTableModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QSqlTableModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QSqlQueryModel::fetchMore(QModelIndex const&)
vfunc[32]:	QSqlQueryModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QSqlTableModel::flags(QModelIndex const&) const
vfunc[34]:	QSqlTableModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QAbstractItemModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QAbstractItemModel::span(QModelIndex const&) const
vfunc[38]:	QSqlTableModel::submit()
vfunc[39]:	QSqlTableModel::revert()
vfunc[40]:	QSqlTableModel::clear()
vfunc[41]:	QSqlQueryModel::queryChange()

© 2008 Linux Foundation

vfunc[42]:	QSqlTableModel::select()
vfunc[43]:	QSqlTableModel::setTable(QString const&)
vfunc[44]:	QSqlTableModel::setEditStrategy(QSqlTableModel::EditStrategy)
vfunc[45]:	QSqlTableModel::setSort(int, Qt::SortOrder)
vfunc[46]:	QSqlTableModel::setFilter(QString const&)
vfunc[47]:	QSqlTableModel::revertRow(int)
vfunc[48]:	QSqlTableModel::updateRowInTable(int, QSqlRecord const&)
vfunc[49]:	QSqlTableModel::insertRowIntoTable(QSqlRecord const&)
vfunc[50]:	QSqlTableModel::deleteRowFromTable(int)
vfunc[51]:	QSqlTableModel::orderByClause() const
vfunc[52]:	QSqlTableModel::selectStatement() const

The Run Time Type Information for the QSqlTableModel class is described by Table 17-561

Table 17-561 typeinfo for QSqlTableModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlTableModel
basetype:	typeinfo for QSqlQueryModel

17.10.1.7 Class data for QSqlRelationalTableModel

The virtual table for the QSqlRelationalTableModel class is described by Table 17-562

Table 17-562 Primary vtable for QSqlRelationalTableModel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlRelationalTableModel
vfunc[0]:	QSqlRelationalTableModel::metaObject() const
vfunc[1]:	QSqlRelationalTableModel::qt_metacast(char const*)
vfunc[2]:	QSqlRelationalTableModel::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSqlRelationalTableModel::~QSqlRe

	lationalTableModel()
vfunc[4]:	QSqlRelationalTableModel::~QSqlRelationalTableModel()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QAbstractTableModel::index(int, int, QModelIndex const&) const
vfunc[13]:	QAbstractTableModel::parent(QModelIndex const&) const
vfunc[14]:	QSqlTableModel::rowCount(QModelIndex const&) const
vfunc[15]:	QSqlQueryModel::columnCount(QModelIndex const&) const
vfunc[16]:	QAbstractTableModel::hasChildren(QModelIndex const&) const
vfunc[17]:	QSqlRelationalTableModel::data(QModelIndex const&, int) const
vfunc[18]:	QSqlRelationalTableModel::setData(QModelIndex const&, QVariant const&, int)
vfunc[19]:	QSqlTableModel::headerData(int, Qt::Orientation, int) const
vfunc[20]:	QSqlQueryModel::setHeaderData(int, Qt::Orientation, QVariant const&, int)
vfunc[21]:	QAbstractItemModel::itemData(QModelIndex const&) const
vfunc[22]:	QAbstractItemModel::setItemData(QModelIndex const&, QMap<int, QVariant> const&)
vfunc[23]:	QAbstractItemModel::mimeTypes() const
vfunc[24]:	QAbstractItemModel::mimeData(QList<QModelIndex> const&) const
vfunc[25]:	QAbstractTableModel::dropMimeData(QMimeData const*, Qt::DropAction, int, int, QModelIndex const&)

vfunc[26]:	QAbstractItemModel::supportedDropActions() const
vfunc[27]:	QSqlTableModel::insertRows(int, int, QModelIndex const&)
vfunc[28]:	QSqlQueryModel::insertColumns(int, int, QModelIndex const&)
vfunc[29]:	QSqlTableModel::removeRows(int, int, QModelIndex const&)
vfunc[30]:	QSqlTableModel::removeColumns(int, int, QModelIndex const&)
vfunc[31]:	QSqlQueryModel::fetchMore(QModelIndex const&)
vfunc[32]:	QSqlQueryModel::canFetchMore(QModelIndex const&) const
vfunc[33]:	QSqlTableModel::flags(QModelIndex const&) const
vfunc[34]:	QSqlTableModel::sort(int, Qt::SortOrder)
vfunc[35]:	QAbstractItemModel::buddy(QModelIndex const&) const
vfunc[36]:	QAbstractItemModel::match(QModelIndex const&, int, QVariant const&, int, QFlags<Qt::MatchFlag>) const
vfunc[37]:	QAbstractItemModel::span(QModelIndex const&) const
vfunc[38]:	QSqlTableModel::submit()
vfunc[39]:	QSqlTableModel::revert()
vfunc[40]:	QSqlRelationalTableModel::clear()
vfunc[41]:	QSqlQueryModel::queryChange()
vfunc[42]:	QSqlRelationalTableModel::select()
vfunc[43]:	QSqlRelationalTableModel::setTable(QString const&)
vfunc[44]:	QSqlTableModel::setEditStrategy(QSqlTableModel::EditStrategy)
vfunc[45]:	QSqlTableModel::setSort(int, Qt::SortOrder)
vfunc[46]:	QSqlTableModel::setFilter(QString const&)
vfunc[47]:	QSqlRelationalTableModel::revertRow(int)
vfunc[48]:	QSqlRelationalTableModel::updateRowInTable(int, QSqlRecord const&)
vfunc[49]:	QSqlTableModel::insertRowIntoTable(QSqlRecord const&)
vfunc[50]:	QSqlTableModel::deleteRowFromTa

	ble(int)
vfunc[51]:	QSqlRelationalTableModel::orderBy Clause() const
vfunc[52]:	QSqlRelationalTableModel::selectSta tement() const
vfunc[53]:	QSqlRelationalTableModel::setRelati on(int, QSqlRelation const&)
vfunc[54]:	QSqlRelationalTableModel::relation Model(int) const

The Run Time Type Information for the QSqlRelationalTableModel class is described by Table 17-563

Table 17-563 typeinfo for QSqlRelationalTableModel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlRelationalTableModel
basetype:	typeinfo for QSqlTableModel

17.10.1.8 Interfaces for Qt4 SQL

An LSB conforming implementation shall provide the generic functions for Qt4 SQL specified in Table 17-564, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-564 libQtSql - Qt4 SQL Function Interfaces

_ZN10QSqlDriver11qt_metacallEN1 1QMetaObject4CallEiPPv [QtSql]	_ZN10QSqlDriver11qt_metacastEPK c [QtSql]
_ZN10QSqlDriver12setLastErrorER K9QSqlError [QtSql]	_ZN10QSqlDriver12setOpenErrorEb [QtSql]
_ZN10QSqlDriver16beginTransactio nEv [QtSql]	_ZN10QSqlDriver17commitTransact ionEv [QtSql]
_ZN10QSqlDriver19rollbackTransact ionEv [QtSql]	_ZN10QSqlDriver7setOpenEb [QtSql]
_ZN10QSqlDriverC1EP7QObject [QtSql]	_ZN10QSqlDriverC2EP7QObject [QtSql]
_ZN10QSqlDriverD0Ev [QtSql]	_ZN10QSqlDriverD1Ev [QtSql]
_ZN10QSqlDriverD2Ev [QtSql]	_ZN10QSqlRecord11clearValuesEv [QtSql]
_ZN10QSqlRecord12setGeneratedER K7QStringb [QtSql]	_ZN10QSqlRecord12setGeneratedEi b [QtSql]
_ZN10QSqlRecord5clearEv [QtSql]	_ZN10QSqlRecord6appendERK9QS qlField [QtSql]
_ZN10QSqlRecord6insertEiRK9QSql Field [QtSql]	_ZN10QSqlRecord6removeEi [QtSql]
_ZN10QSqlRecord7replaceEiRK9QS qlField [QtSql]	_ZN10QSqlRecord7setNullERK7QSt ring [QtSql]

_ZN10QSqlRecord7setNullEi [QtSql]	_ZN10QSqlRecord8setValueERK7QStringRK8QVariant [QtSql]
_ZN10QSqlRecord8setValueEiRK8QVariant [QtSql]	_ZN10QSqlRecordC1ERKS_ [QtSql]
_ZN10QSqlRecordC1Ev [QtSql]	_ZN10QSqlRecordC2ERKS_ [QtSql]
_ZN10QSqlRecordC2Ev [QtSql]	_ZN10QSqlRecordD1Ev [QtSql]
_ZN10QSqlRecordD2Ev [QtSql]	_ZN10QSqlRecordaSERKS_ [QtSql]
_ZN10QSqlResult11savePrepareERK7QString [QtSql]	_ZN10QSqlResult12addBindValueERK8QVariant6QFlagsIN4QSql13ParamTypeFlagEE [QtSql]
_ZN10QSqlResult12setLastErrorERK9QSqlError [QtSql]	_ZN10QSqlResult12virtual_hookEiPv [QtSql]
_ZN10QSqlResult13fetchPreviousEv [QtSql]	_ZN10QSqlResult14setForwardOnlyEb [QtSql]
_ZN10QSqlResult4execEv [QtSql]	_ZN10QSqlResult5clearEv [QtSql]
_ZN10QSqlResult5setAtEi [QtSql]	_ZN10QSqlResult7prepareERK7QString [QtSql]
_ZN10QSqlResult8setQueryERK7QString [QtSql]	_ZN10QSqlResult9bindValueERK7QStringRK8QVariant6QFlagsIN4QSql13ParamTypeFlagEE [QtSql]
_ZN10QSqlResult9bindValueEiRK8QVariant6QFlagsIN4QSql13ParamTypeFlagEE [QtSql]	_ZN10QSqlResult9execBatchEb [QtSql]
_ZN10QSqlResult9fetchNextEv [QtSql]	_ZN10QSqlResult9setActiveEb [QtSql]
_ZN10QSqlResult9setSelectEb [QtSql]	_ZN10QSqlResultC1EPK10QSqlDriver [QtSql]
_ZN10QSqlResultC2EPK10QSqlDriver [QtSql]	_ZN10QSqlResultD0Ev [QtSql]
_ZN10QSqlResultD1Ev [QtSql]	_ZN10QSqlResultD2Ev [QtSql]
_ZN12QSqlDatabase11addDatabaseEP10QSqlDriverRK7QString [QtSql]	_ZN12QSqlDatabase11addDatabaseERK7QStringS2_ [QtSql]
_ZN12QSqlDatabase11setHostNameERK7QString [QtSql]	_ZN12QSqlDatabase11setPasswordERK7QString [QtSql]
_ZN12QSqlDatabase11setUserNameERK7QString [QtSql]	_ZN12QSqlDatabase11transactionEv [QtSql]
_ZN12QSqlDatabase13cloneDatabaseERKS_RK7QString [QtSql]	_ZN12QSqlDatabase14removeDatabaseERK7QString [QtSql]
_ZN12QSqlDatabase15connectionNamesEv [QtSql]	_ZN12QSqlDatabase15setDatabaseNameERK7QString [QtSql]
_ZN12QSqlDatabase17isDriverAvailableERK7QString [QtSql]	_ZN12QSqlDatabase17registerSqlDriverERK7QStringP21QSqlDriverCreatorBase [QtSql]
_ZN12QSqlDatabase17setConnectOptionsERK7QString [QtSql]	_ZN12QSqlDatabase4openERK7QStringS2_ [QtSql]

_ZN12QSqlDatabase4openEv [QtSql]	_ZN12QSqlDatabase5closeEv [QtSql]
_ZN12QSqlDatabase6commitEv [QtSql]	_ZN12QSqlDatabase7driversEv [QtSql]
_ZN12QSqlDatabase7setPortEi [QtSql]	_ZN12QSqlDatabase8containsERK7QString [QtSql]
_ZN12QSqlDatabase8databaseERK7QStringb [QtSql]	_ZN12QSqlDatabase8rollbackEv [QtSql]
_ZN12QSqlDatabaseC1EP10QSqlDriver [QtSql]	_ZN12QSqlDatabaseC1ERK7QString [QtSql]
ZN12QSqlDatabaseC1ERKS [QtSql]	_ZN12QSqlDatabaseC1Ev [QtSql]
_ZN12QSqlDatabaseC2EP10QSqlDriver [QtSql]	_ZN12QSqlDatabaseC2ERK7QString [QtSql]
ZN12QSqlDatabaseC2ERKS [QtSql]	_ZN12QSqlDatabaseC2Ev [QtSql]
_ZN12QSqlDatabaseD1Ev [QtSql]	_ZN12QSqlDatabaseD2Ev [QtSql]
ZN12QSqlDatabaseaSERKS [QtSql]	_ZN14QSqlQueryModel11qt_metacallEN11QMetaObject4CallEiPPv [QtSql]
_ZN14QSqlQueryModel11qt_metacastEPKc [QtSql]	_ZN14QSqlQueryModel11queryChangeEv [QtSql]
_ZN14QSqlQueryModel12setLastErrorERK9QSqlError [QtSql]	_ZN14QSqlQueryModel13insertColumnsEiiRK11QModelIndex [QtSql]
_ZN14QSqlQueryModel13removeColumnsEiiRK11QModelIndex [QtSql]	_ZN14QSqlQueryModel13setHeaderDataEiN2Qt11OrientationERK8QVarianti [QtSql]
_ZN14QSqlQueryModel5clearEv [QtSql]	_ZN14QSqlQueryModel8setQueryERK7QStringRK12QSqlDatabase [QtSql]
_ZN14QSqlQueryModel8setQueryERK9QSqlQuery [QtSql]	_ZN14QSqlQueryModel9fetchMoreERK11QModelIndex [QtSql]
_ZN14QSqlQueryModelC1EP7QObject [QtSql]	_ZN14QSqlQueryModelC2EP7QObject [QtSql]
_ZN14QSqlQueryModelD0Ev [QtSql]	_ZN14QSqlQueryModelD1Ev [QtSql]
_ZN14QSqlQueryModelD2Ev [QtSql]	_ZN14QSqlTableModel10insertRowsEiiRK11QModelIndex [QtSql]
_ZN14QSqlTableModel10removeRowsEiiRK11QModelIndex [QtSql]	_ZN14QSqlTableModel11primeInsertEiR10QSqlRecord [QtSql]
_ZN14QSqlTableModel11qt_metacallEN11QMetaObject4CallEiPPv [QtSql]	_ZN14QSqlTableModel11qt_metacastEPKc [QtSql]
_ZN14QSqlTableModel12beforeDeleteEi [QtSql]	_ZN14QSqlTableModel12beforeInsertER10QSqlRecord [QtSql]
_ZN14QSqlTableModel12beforeUpd	_ZN14QSqlTableModel12insertReco

ateEiR10QSqlRecord [QtSql]	rdEiRK10QSqlRecord [QtSql]
_ZN14QSqlTableModel13removeColumnsEiiRK11QModelIndex [QtSql]	_ZN14QSqlTableModel13setPrimaryKeyERK9QSqlIndex [QtSql]
_ZN14QSqlTableModel15setEditStrategyENS_12EditStrategyE [QtSql]	_ZN14QSqlTableModel16updateRowInTableEiRK10QSqlRecord [QtSql]
_ZN14QSqlTableModel18deleteRowFromTableEi [QtSql]	_ZN14QSqlTableModel18insertRowIntoTableERK10QSqlRecord [QtSql]
_ZN14QSqlTableModel4sortEiN2Qt9SortOrderE [QtSql]	_ZN14QSqlTableModel5clearEv [QtSql]
_ZN14QSqlTableModel6revertEv [QtSql]	_ZN14QSqlTableModel6selectEv [QtSql]
_ZN14QSqlTableModel6submitEv [QtSql]	_ZN14QSqlTableModel7setDataERK11QModelIndexRK8QVarianti [QtSql]
_ZN14QSqlTableModel7setSortEiN2Qt9SortOrderE [QtSql]	_ZN14QSqlTableModel8setQueryERK9QSqlQuery [QtSql]
_ZN14QSqlTableModel8setTableERK7QString [QtSql]	_ZN14QSqlTableModel9revertAllEv [QtSql]
_ZN14QSqlTableModel9revertRowEi [QtSql]	_ZN14QSqlTableModel9setFilterERK7QString [QtSql]
_ZN14QSqlTableModel9setRecordEiRK10QSqlRecord [QtSql]	_ZN14QSqlTableModel9submitAllEv [QtSql]
_ZN14QSqlTableModelC1EP7QObject12QSqlDatabase [QtSql]	_ZN14QSqlTableModelC2EP7QObject12QSqlDatabase [QtSql]
_ZN14QSqlTableModelD0Ev [QtSql]	_ZN14QSqlTableModelD1Ev [QtSql]
_ZN14QSqlTableModelD2Ev [QtSql]	_ZN16QSqlDriverPlugin11qt_metacallEN11QMetaObject4CallEiPPv [QtSql]
_ZN16QSqlDriverPlugin11qt_metacastEPKc [QtSql]	_ZN16QSqlDriverPluginC1EP7QObject [QtSql]
_ZN16QSqlDriverPluginC2EP7QObject [QtSql]	_ZN16QSqlDriverPluginD0Ev [QtSql]
_ZN16QSqlDriverPluginD1Ev [QtSql]	_ZN16QSqlDriverPluginD2Ev [QtSql]
_ZN24QSqlRelationalTableModel11qt_metacallEN11QMetaObject4CallEiPPv [QtSql]	_ZN24QSqlRelationalTableModel11qt_metacastEPKc [QtSql]
_ZN24QSqlRelationalTableModel11setRelationEiRK12QSqlRelation [QtSql]	_ZN24QSqlRelationalTableModel13removeColumnsEiiRK11QModelIndex [QtXml]
_ZN24QSqlRelationalTableModel16updateRowInTableEiRK10QSqlRecord [QtSql]	_ZN24QSqlRelationalTableModel18insertRowIntoTableERK10QSqlRecord [QtXml]
_ZN24QSqlRelationalTableModel5clearEv [QtSql]	_ZN24QSqlRelationalTableModel6selectEv [QtSql]
_ZN24QSqlRelationalTableModel7se	_ZN24QSqlRelationalTableModel8se

tDataERK11QModelIndexRK8QVarianti [QtSql]	tTableERK7QString [QtSql]
_ZN24QSqlRelationalTableModel9revertRowEi [QtSql]	_ZN24QSqlRelationalTableModelC1EP7QObject12QSqlDatabase [QtSql]
_ZN24QSqlRelationalTableModelC2EP7QObject12QSqlDatabase [QtSql]	_ZN24QSqlRelationalTableModelD0Ev [QtSql]
_ZN24QSqlRelationalTableModelD1Ev [QtSql]	_ZN24QSqlRelationalTableModelD2Ev [QtSql]
_ZN9QSqlError13setDriverTextERK7QString [QtSql]	_ZN9QSqlError15setDatabaseTextERK7QString [QtSql]
_ZN9QSqlError7setTypeENS_9ErrorTypeE [QtSql]	_ZN9QSqlError9setNumberEi [QtSql]
_ZN9QSqlErrorC1ERK7QStringS2_NS_9ErrorTypeEi [QtSql]	_ZN9QSqlErrorC1ERKS_ [QtSql]
_ZN9QSqlErrorC2ERK7QStringS2_NS_9ErrorTypeEi [QtSql]	_ZN9QSqlErrorC2ERKS_ [QtSql]
_ZN9QSqlErrorD1Ev [QtSql]	_ZN9QSqlErrorD2Ev [QtSql]
ZN9QSqlErroraSERKS [QtSql]	_ZN9QSqlField10setSqlTypeEi [QtSql]
_ZN9QSqlField11setReadOnlyEb [QtSql]	_ZN9QSqlField12setAutoValueEb [QtSql]
_ZN9QSqlField12setGeneratedEb [QtSql]	_ZN9QSqlField12setPrecisionEi [QtSql]
_ZN9QSqlField15setDefaultValueERK8QVariant [QtSql]	_ZN9QSqlField17setRequiredStatusENS_14RequiredStatusE [QtSql]
_ZN9QSqlField5clearEv [QtSql]	_ZN9QSqlField7setNameERK7QString [QtSql]
_ZN9QSqlField7setTypeEN8QVariant4TypeE [QtSql]	_ZN9QSqlField8setValueERK8QVariant [QtSql]
_ZN9QSqlField9setLengthEi [QtSql]	_ZN9QSqlFieldC1ERK7QStringN8QVariant4TypeE [QtSql]
ZN9QSqlFieldC1ERKS [QtSql]	_ZN9QSqlFieldC2ERK7QStringN8QVariant4TypeE [QtSql]
ZN9QSqlFieldC2ERKS [QtSql]	_ZN9QSqlFieldD1Ev [QtSql]
_ZN9QSqlFieldD2Ev [QtSql]	_ZN9QSqlFieldaSERKS_ [QtSql]
_ZN9QSqlIndex13setCursorNameERK7QString [QtSql]	_ZN9QSqlIndex13setDescendingEib [QtSql]
_ZN9QSqlIndex6appendERK9QSqlField [QtSql]	_ZN9QSqlIndex6appendERK9QSqlFieldb [QtSql]
_ZN9QSqlIndex7setNameERK7QString [QtSql]	_ZN9QSqlIndexC1ERK7QStringS2_ [QtSql]
ZN9QSqlIndexC1ERKS [QtSql]	_ZN9QSqlIndexC2ERK7QStringS2_ [QtSql]
ZN9QSqlIndexC2ERKS [QtSql]	_ZN9QSqlIndexD1Ev [QtSql]
_ZN9QSqlIndexD2Ev [QtSql]	_ZN9QSqlIndexaSERKS_ [QtSql]

© 2008 Linux Foundation

_ZN9QSqlQuery12addBindValueERK8QVariant6QFlagsIN4QSql13ParamTypeFlagEE [QtSql]	_ZN9QSqlQuery14setForwardOnlyEb [QtSql]
_ZN9QSqlQuery4execERK7QString [QtSql]	_ZN9QSqlQuery4execEv [QtSql]
_ZN9QSqlQuery4lastEv [QtSql]	_ZN9QSqlQuery4nextEv [QtSql]
_ZN9QSqlQuery4seekEib [QtSql]	_ZN9QSqlQuery5clearEv [QtSql]
_ZN9QSqlQuery5firstEv [QtSql]	_ZN9QSqlQuery7prepareERK7QString [QtSql]
_ZN9QSqlQuery8previousEv [QtSql]	_ZN9QSqlQuery9bindValueERK7QStringRK8QVariant6QFlagsIN4QSql13ParamTypeFlagEE [QtSql]
_ZN9QSqlQuery9bindValueEiRK8QVariant6QFlagsIN4QSql13ParamTypeFlagEE [QtSql]	_ZN9QSqlQuery9execBatchENS_18BatchExecutionModeE [QtXml]
_ZN9QSqlQueryC1E12QSqlDatabase [QtSql]	_ZN9QSqlQueryC1EP10QSqlResult [QtSql]
_ZN9QSqlQueryC1ERK7QString12QSqlDatabase [QtSql]	_ZN9QSqlQueryC1ERKS_ [QtSql]
_ZN9QSqlQueryC2E12QSqlDatabase [QtSql]	_ZN9QSqlQueryC2EP10QSqlResult [QtSql]
_ZN9QSqlQueryC2ERK7QString12QSqlDatabase [QtSql]	_ZN9QSqlQueryC2ERKS_ [QtSql]
_ZN9QSqlQueryD1Ev [QtSql]	_ZN9QSqlQueryD2Ev [QtSql]
ZN9QSqlQueryaSERKS [QtSql]	_ZNK10QSqlDriver10metaObjectEv [QtSql]
_ZNK10QSqlDriver11formatValueERK9QSqlFieldb [QtSql]	_ZNK10QSqlDriver11isOpenErrorEv [QtSql]
_ZNK10QSqlDriver12primaryIndexERK7QString [QtSql]	_ZNK10QSqlDriver12sqlStatementENS_13StatementTypeERK7QStringRK10QSqlRecordb [QtSql]
_ZNK10QSqlDriver16escapeIdentifierERK7QStringNS_14IdentifierTypeE [QtSql]	_ZNK10QSqlDriver6handleEv [QtSql]
_ZNK10QSqlDriver6isOpenEv [QtSql]	_ZNK10QSqlDriver6recordERK7QString [QtSql]
_ZNK10QSqlDriver6tablesEN4QSql9TableTypeE [QtSql]	_ZNK10QSqlDriver9lastErrorEv [QtSql]
_ZNK10QSqlRecord11isGeneratedERK7QString [QtSql]	_ZNK10QSqlRecord11isGeneratedEi [QtSql]
_ZNK10QSqlRecord12toStringListERK7QString [QtSql]	_ZNK10QSqlRecord5countEv [QtSql]
_ZNK10QSqlRecord5fieldERK7QString [QtSql]	_ZNK10QSqlRecord5fieldEi [QtSql]
_ZNK10QSqlRecord5valueERK7QString [QtSql]	_ZNK10QSqlRecord5valueEi [QtSql]

_ZNK10QSqlRecord6isNullERK7QString [QtSql]	_ZNK10QSqlRecord6isNullEi [QtSql]
_ZNK10QSqlRecord7indexOfERK7QString [QtSql]	_ZNK10QSqlRecord7isEmptyEv [QtSql]
_ZNK10QSqlRecord8containsERK7QString [QtSql]	_ZNK10QSqlRecord8fieldPtrERK7QString [QtSql]
_ZNK10QSqlRecord8fieldPtrEi [QtSql]	_ZNK10QSqlRecord8toStringERK7QStringS2_ [QtSql]
_ZNK10QSqlRecord9fieldNameEi [QtSql]	_ZNK10QSqlRecordeqERKS_ [QtSql]
_ZNK10QSqlResult10boundValueERK7QString [QtSql]	_ZNK10QSqlResult10boundValueEi [QtSql]
_ZNK10QSqlResult11boundValuesEv [QtSql]	_ZNK10QSqlResult12hasOutValuesEv [QtSql]
_ZNK10QSqlResult12lastInsertIdEv [QtSql]	_ZNK10QSqlResult13bindValueTypeERK7QString [QtSql]
_ZNK10QSqlResult13bindValueTypeEi [QtSql]	_ZNK10QSqlResult13bindingSyntaxEv [QtSql]
_ZNK10QSqlResult13executedQueryEv [QtSql]	_ZNK10QSqlResult13isForwardOnlyEv [QtSql]
_ZNK10QSqlResult14boundValueNameEi [QtSql]	_ZNK10QSqlResult15boundValueCountEv [QtSql]
_ZNK10QSqlResult2atEv [QtSql]	_ZNK10QSqlResult6driverEv [QtSql]
_ZNK10QSqlResult6handleEv [QtSql]	_ZNK10QSqlResult6recordEv [QtSql]
_ZNK10QSqlResult7isValidEv [QtSql]	_ZNK10QSqlResult8isActiveEv [QtSql]
_ZNK10QSqlResult8isSelectEv [QtSql]	_ZNK10QSqlResult9lastErrorEv [QtSql]
_ZNK10QSqlResult9lastQueryEv [QtSql]	_ZNK12QSqlDatabase10driverNameEv [QtSql]
_ZNK12QSqlDatabase10recordInfoERK9QSqlQuery [QtSql]	_ZNK12QSqlDatabase11isOpenErrorEv [QtSql]
_ZNK12QSqlDatabase12databaseNameEv [QtSql]	_ZNK12QSqlDatabase12primaryIndexERK7QString [QtSql]
_ZNK12QSqlDatabase14connectOptionsEv [QtSql]	_ZNK12QSqlDatabase4execERK7QString [QtSql]
_ZNK12QSqlDatabase4portEv [QtSql]	_ZNK12QSqlDatabase6driverEv [QtSql]
_ZNK12QSqlDatabase6isOpenEv [QtSql]	_ZNK12QSqlDatabase6recordERK7QString [QtSql]
_ZNK12QSqlDatabase6recordERK9QSqlQuery [QtSql]	_ZNK12QSqlDatabase6tablesEN4QSql9TableTypeE [QtSql]
_ZNK12QSqlDatabase7isValidEv [QtSql]	_ZNK12QSqlDatabase8hostNameEv [QtSql]

_ZNK12QSqlDatabase8passwordEv [QtSql]	_ZNK12QSqlDatabase8userNameEv [QtSql]
_ZNK12QSqlDatabase9lastErrorEv [QtSql]	_ZNK14QSqlQueryModel10headerDataEiN2Qt11OrientationEi [QtSql]
_ZNK14QSqlQueryModel10metaObjectEv [QtSql]	_ZNK14QSqlQueryModel11columnCountERK11QModelIndex [QtSql]
_ZNK14QSqlQueryModel12canFetchMoreERK11QModelIndex [QtSql]	_ZNK14QSqlQueryModel12indexInQueryERK11QModelIndex [QtSql]
_ZNK14QSqlQueryModel4dataERK11QModelIndexi [QtSql]	_ZNK14QSqlQueryModel5queryEv [QtSql]
_ZNK14QSqlQueryModel6recordEi [QtSql]	_ZNK14QSqlQueryModel6recordEv [QtSql]
_ZNK14QSqlQueryModel8rowCountERK11QModelIndex [QtSql]	_ZNK14QSqlQueryModel9lastErrorEv [QtSql]
_ZNK14QSqlTableModel10fieldIndexERK7QString [QtSql]	_ZNK14QSqlTableModel10headerDataEiN2Qt11OrientationEi [QtSql]
_ZNK14QSqlTableModel10metaObjectEv [QtSql]	_ZNK14QSqlTableModel10primaryKeyEv [QtSql]
_ZNK14QSqlTableModel12editStrategyEv [QtSql]	_ZNK14QSqlTableModel12indexInQueryERK11QModelIndex [QtSql]
_ZNK14QSqlTableModel13orderByClauseEv [QtSql]	_ZNK14QSqlTableModel15selectStatementEv [QtSql]
_ZNK14QSqlTableModel4dataERK11QModelIndexi [QtSql]	_ZNK14QSqlTableModel5flagsERK11QModelIndex [QtSql]
_ZNK14QSqlTableModel6filterEv [QtSql]	_ZNK14QSqlTableModel7isDirtyERK11QModelIndex [QtSql]
_ZNK14QSqlTableModel8databaseEv [QtSql]	_ZNK14QSqlTableModel8rowCountERK11QModelIndex [QtSql]
_ZNK14QSqlTableModel9tableNameEv [QtSql]	_ZNK16QSqlDriverPlugin10metaObjectEv [QtSql]
_ZNK24QSqlRelationalTableModel10metaObjectEv [QtSql]	_ZNK24QSqlRelationalTableModel13orderByClauseEv [QtSql]
_ZNK24QSqlRelationalTableModel13relationModelEi [QtSql]	_ZNK24QSqlRelationalTableModel15selectStatementEv [QtSql]
_ZNK24QSqlRelationalTableModel4dataERK11QModelIndexi [QtSql]	_ZNK24QSqlRelationalTableModel8relationEi [QtSql]
_ZNK9QSqlError10driverTextEv [QtSql]	_ZNK9QSqlError12databaseTextEv [QtSql]
_ZNK9QSqlError4textEv [QtSql]	_ZNK9QSqlError4typeEv [QtSql]
_ZNK9QSqlError6numberEv [QtSql]	_ZNK9QSqlError7isValidEv [QtSql]
_ZNK9QSqlField10isReadOnlyEv [QtSql]	_ZNK9QSqlField11isAutoValueEv [QtSql]
_ZNK9QSqlField11isGeneratedEv [QtSql]	_ZNK9QSqlField12defaultValueEv [QtSql]
_ZNK9QSqlField14requiredStatusEv	_ZNK9QSqlField4nameEv [QtSql]

[QtSql]	
_ZNK9QSqlField4typeEv [QtSql]	_ZNK9QSqlField6isNullEv [QtSql]
_ZNK9QSqlField6lengthEv [QtSql]	_ZNK9QSqlField6typeIDEv [QtSql]
_ZNK9QSqlField7isValidEv [QtSql]	_ZNK9QSqlField9precisionEv [QtSql]
ZNK9QSqlFieldeqERKS [QtSql]	_ZNK9QSqlIndex12isDescendingEi [QtSql]
_ZNK9QSqlIndex12toStringListERK7QStringb [QtSql]	_ZNK9QSqlIndex8toStringERK7QStringS2_b [QtSql]
_ZNK9QSqlQuery10boundValueERK7QString [QtSql]	_ZNK9QSqlQuery10boundValueEi [QtSql]
_ZNK9QSqlQuery11boundValuesEv [QtSql]	_ZNK9QSqlQuery12lastInsertIdEv [QtSql]
_ZNK9QSqlQuery13executedQueryEv [QtSql]	_ZNK9QSqlQuery13isForwardOnlyEv [QtSql]
_ZNK9QSqlQuery15numRowsAffectedEv [QtSql]	_ZNK9QSqlQuery2atEv [QtSql]
_ZNK9QSqlQuery4sizeEv [QtSql]	_ZNK9QSqlQuery5valueEi [QtSql]
_ZNK9QSqlQuery6driverEv [QtSql]	_ZNK9QSqlQuery6isNullEi [QtSql]
_ZNK9QSqlQuery6recordEv [QtSql]	_ZNK9QSqlQuery6resultEv [QtSql]
_ZNK9QSqlQuery7isValidEv [QtSql]	_ZNK9QSqlQuery8isActiveEv [QtSql]
_ZNK9QSqlQuery8isSelectEv [QtSql]	_ZNK9QSqlQuery9lastErrorEv [QtSql]
_ZNK9QSqlQuery9lastQueryEv [QtSql]	_Zls6QDebugRK10QSqlRecord [QtSql]
_Zls6QDebugRK12QSqlDatabase [QtSql]	_Zls6QDebugRK9QSqlError [QtSql]
_Zls6QDebugRK9QSqlField [QtSql]	

An LSB conforming implementation shall provide the generic data interfaces for Qt4 SQL specified in Table 17-565, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-565 libQtSql - Qt4 SQL Data Interfaces

_ZN10QSqlDriver16staticMetaObjectE [QtSql]	_ZN12QSqlDatabase17defaultConnectionE [QtSql]
_ZN14QSqlQueryModel16staticMetaObjectE [QtSql]	_ZN14QSqlTableModel16staticMetaObjectE [QtSql]
_ZN16QSqlDriverPlugin16staticMetaObjectE [QtSql]	_ZN24QSqlRelationalTableModel16staticMetaObjectE [QtSql]
_ZTI10QSqlDriver [CXXABI]	_ZTI10QSqlResult [CXXABI]
_ZTI14QSqlQueryModel [CXXABI]	_ZTI14QSqlTableModel [CXXABI]
_ZTI16QSqlCachedResult [CXXABI]	_ZTI16QSqlDriverPlugin [CXXABI]
_ZTI17QFactoryInterface [CXXABI]	_ZTI24QSqlRelationalTableModel

	[CXXABI]
_ZTI26QSqlDriverFactoryInterface [CXXABI]	_ZTV10QSqlDriver [CXXABI]
_ZTV10QSqlResult [CXXABI]	_ZTV14QSqlQueryModel [CXXABI]
_ZTV14QSqlTableModel [CXXABI]	_ZTV16QSqlCachedResult [CXXABI]
_ZTV16QSqlDriverPlugin [CXXABI]	_ZTV17QFactoryInterface [CXXABI]
_ZTV24QSqlRelationalTableModel [CXXABI]	_ZTV26QSqlDriverFactoryInterface [CXXABI]

17.11 Data Definitions for libQtSql

This section defines global identifiers and their values that are associated with interfaces contained in libQtSql. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

17.11.1 QtSql/qsql.h

```
enum _ZN4QSql8LocationE {
    AfterLastRow = -2,
    AfterLast = -2,
    BeforeFirstRow = -1,
    BeforeFirst = -1
};
enum _ZN4QSql13ParamTypeFlagE {
    In = 1,
    Out = 2,
    InOut = 3,
    Binary = 4
};
class QFlags < QSql::ParamTypeFlag >;
typedef class QFlags < QSql::ParamTypeFlag > QSql::ParamType;
enum _ZN4QSql9TableTypeE {
    Tables = 1,
    SystemTables = 2,
    Views = 4,
    AllTables = 255
};
enum _ZN4QSql2OpE {
    None = -1,
    Insert = 0,
    Update = 1,
    Delete = 2
};
enum _ZN4QSql7ConfirmE {
```

```
    Cancel = -1,
    No = 0,
    Yes = 1
};
```

17.11.2 QtSql/qsqldatabase.h

```
class QSqlDriverCreatorBase;
class QSqlDatabase;
```

17.11.3 QtSql/qsqldriver.h

```
class QSqlDriver;
enum _ZN10QSqlDriver13DriverFeatureE {
    Transactions = 0,
    QuerySize = 1,
    BLOB = 2,
    Unicode = 3,
    PreparedQueries = 4,
    NamedPlaceholders = 5,
    PositionalPlaceholders = 6,
    LastInsertId = 7,
    BatchOperations = 8
};
enum _ZN10QSqlDriver13StatementTypeE {
    WhereStatement = 0,
    SelectStatement = 1,
    UpdateStatement = 2,
    InsertStatement = 3,
    DeleteStatement = 4
};
enum _ZN10QSqlDriver14IdentifierTypeE {
    FieldName = 0,
    TableName = 1
};
```

17.11.4 QtSql/qsqldriverplugin.h

```
struct QSqlDriverFactoryInterface;
class QSqlDriverPlugin;
```

17.11.5 QtSql/qsqlerror.h

```
class QSqlError;
enum _ZN9QSqlError9ErrorTypeE {
    NoError = 0,
    None = 0,
    ConnectionError = 1,
    Connection = 1,
    StatementError = 2,
    Statement = 2,
    TransactionError = 3,
    Transaction = 3,
    UnknownError = 4,
    Unknown = 4
};
```

17.11.6 QtSql/qsqlfield.h

```
class QSqlField;
enum _ZN9QSqlField14RequiredStatusE {
    Unknown = -1,
    Optional = 0,
    Required = 1
};
```

17.11.7 QtSql/qsqlindex.h

```
class QSqlIndex;
```

17.11.8 QtSql/qsqlquery.h

```
class QSqlQuery;
```

17.11.9 QtSql/qsqlquerymodel.h

```
class QSqlQueryModel;
```

17.11.10 QtSql/qsqlrecord.h

```
class QSqlRecord;
```

17.11.11 QtSql/qsqlrelationaltablemodel.h

```
typedef enum QtValidLicenseForSqlModule QtSqlModule;
class QSqlRelation;
class QSqlRelationalTableModel;
```

17.11.12 QtSql/qsqlresult.h

```
class QSqlResult;
enum _ZN10QSqlResult13BindingSyntaxE {
    PositionalBinding = 0,
    BindByPosition = 0,
    NamedBinding = 1,
    BindByName = 1
};
enum _ZN10QSqlResult20VirtualHookOperationE {
    BatchOperation = 0
};
```

17.11.13 QtSql/qsqltablemodel.h

```
class QSqlTableModel;
enum _ZN14QSqlTableModel12EditStrategyE {
    OnFieldChange = 0,
    OnRowChange = 1,
    OnManualSubmit = 2
};
```

17.12 Interfaces for libQtSvg

Table 17-566 defines the library name and shared object name for the libQtSvg library

Table 17-566 libQtSvg Definition

Library:	libQtSvg
SONAME:	libQtSvg.so.4

The behavior of the interfaces in this library is specified by the following specifications:

[CXXABI] Itanium™ C++ ABI
[QtSvg] QtSvg 4.2.0
[QtXml] QtXml 4.2.0

17.12.1 Qt4 Svg

17.12.1.1 Class data for QSvgRenderer

The virtual table for the QSvgRenderer class is described by Table 17-567

Table 17-567 Primary vtable for QSvgRenderer

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSvgRenderer
vfunc[0]:	QSvgRenderer::metaObject() const
vfunc[1]:	QSvgRenderer::qt_metacast(char const*)
vfunc[2]:	QSvgRenderer::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSvgRenderer::~QSvgRenderer()
vfunc[4]:	QSvgRenderer::~QSvgRenderer()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QSvgRenderer class is described by Table 17-568

Table 17-568 typeinfo for QSvgRenderer

Base Vtable	vtable for __cxxabiv1::__si_class_type_info

Name	typeinfo name for QSvgRenderer
basetype:	typeinfo for QObject

17.12.1.2 Class data for QSvgWidget

The virtual table for the QSvgWidget class is described by Table 17-569

Table 17-569 Primary vtable for QSvgWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSvgWidget
vfunc[0]:	QSvgWidget::metaObject() const
vfunc[1]:	QSvgWidget::qt_metacast(char const*)
vfunc[2]:	QSvgWidget::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QSvgWidget::~QSvgWidget()
vfunc[4]:	QSvgWidget::~QSvgWidget()
vfunc[5]:	QWidget::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QWidget::devType() const
vfunc[13]:	QWidget::setVisible(bool)
vfunc[14]:	QSvgWidget::sizeHint() const
vfunc[15]:	QWidget::minimumSizeHint() const
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[19]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent

	*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[26]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
vfunc[29]:	QSvgWidget::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[32]:	QWidget::closeEvent(QCloseEvent*)
vfunc[33]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QWidget::showEvent(QShowEvent*)
vfunc[41]:	QWidget::hideEvent(QHideEvent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QWidget::changeEvent(QEvent*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMethodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::InputMethodQuery) const
vfunc[47]:	QWidget::focusNextPrevChild(bool)
vfunc[48]:	QWidget::styleChange(QStyle&)
vfunc[49]:	QWidget::enabledChange(bool)
vfunc[50]:	QWidget::paletteChange(QPalette const&)

© 2008 Linux Foundation

vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange (bool)
vfunc[53]:	QWidget::languageChange()

The Run Time Type Information for the QSvgWidget class is described by Table 17-570

Table 17-570 typeinfo for QSvgWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSvgWidget
basetype:	typeinfo for QWidget

17.12.1.3 Interfaces for Qt4 Svg

An LSB conforming implementation shall provide the generic functions for Qt4 Svg specified in Table 17-571, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-571 libQtSvg - Qt4 Svg Function Interfaces

_ZN10QSvgWidget10paintEventEP11QPaintEvent [QtSvg]	_ZN10QSvgWidget11qt_metacallEN11QMetaObject4CallEiPPv [QtSvg]
_ZN10QSvgWidget11qt_metacastEPKc [QtSvg]	_ZN10QSvgWidget4loadERK10QByteArray [QtSvg]
_ZN10QSvgWidget4loadERK7QString [QtSvg]	_ZN10QSvgWidgetC1EP7QWidget [QtSvg]
_ZN10QSvgWidgetC1ERK7QStringP7QWidget [QtSvg]	_ZN10QSvgWidgetC2EP7QWidget [QtSvg]
_ZN10QSvgWidgetC2ERK7QStringP7QWidget [QtSvg]	_ZN10QSvgWidgetD0Ev [QtSvg]
_ZN10QSvgWidgetD1Ev [QtSvg]	_ZN10QSvgWidgetD2Ev [QtSvg]
_ZN12QSvgRenderer10setViewBoxERK5QRect [QtSvg]	_ZN12QSvgRenderer10setViewBoxERK6QRectF [QtXml]
_ZN12QSvgRenderer11qt_metacallEN11QMetaObject4CallEiPPv [QtSvg]	_ZN12QSvgRenderer11qt_metacastEPKc [QtSvg]
_ZN12QSvgRenderer13repaintNeededEv [QtSvg]	_ZN12QSvgRenderer15setCurrentFrameEi [QtSvg]
_ZN12QSvgRenderer18setFramesPerSecondEi [QtSvg]	_ZN12QSvgRenderer4loadERK10QByteArray [QtSvg]
_ZN12QSvgRenderer4loadERK7QString [QtSvg]	_ZN12QSvgRenderer6renderEP8QPainter [QtSvg]
_ZN12QSvgRenderer6renderEP8QPainterRK6QRectF [QtXml]	_ZN12QSvgRenderer6renderEP8QPainterRK7QStringRK6QRectF [QtXml]
_ZN12QSvgRendererC1EP7QObject [QtSvg]	_ZN12QSvgRendererC1ERK10QByteArrayP7QObject [QtSvg]

_ZN12QSvgRendererC1ERK7QStringP7QObject [QtSvg]	_ZN12QSvgRendererC2EP7QObject [QtSvg]
_ZN12QSvgRendererC2ERK10QByteArrayP7QObject [QtSvg]	_ZN12QSvgRendererC2ERK7QStringP7QObject [QtSvg]
_ZN12QSvgRendererD0Ev [QtSvg]	_ZN12QSvgRendererD1Ev [QtSvg]
_ZN12QSvgRendererD2Ev [QtSvg]	_ZN16QGraphicsSvgItem11qt_metacallEN11QMetaObject4CallEiPPv [QtXml]
_ZN16QGraphicsSvgItem11qt_metacastEPKc [QtXml]	_ZN16QGraphicsSvgItem12setElementIdERK7QString [QtXml]
_ZN16QGraphicsSvgItem17setCachingEnabledEb [QtXml]	_ZN16QGraphicsSvgItem17setSharedRendererEP12QSvgRenderer [QtXml]
_ZN16QGraphicsSvgItem19setMaximumCacheSizeERK5QSize [QtXml]	_ZN16QGraphicsSvgItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget [QtXml]
_ZN16QGraphicsSvgItemC1EP13QGraphicsItem [QtXml]	_ZN16QGraphicsSvgItemC1ERK7QStringP13QGraphicsItem [QtXml]
_ZN16QGraphicsSvgItemC2EP13QGraphicsItem [QtXml]	_ZN16QGraphicsSvgItemC2ERK7QStringP13QGraphicsItem [QtXml]
_ZNK10QSvgWidget10metaObjectEv [QtSvg]	_ZNK10QSvgWidget8rendererEv [QtSvg]
_ZNK10QSvgWidget8sizeHintEv [QtSvg]	_ZNK12QSvgRenderer10metaObjectEv [QtSvg]
_ZNK12QSvgRenderer11defaultSizeEv [QtSvg]	_ZNK12QSvgRenderer12currentFrameEv [QtSvg]
_ZNK12QSvgRenderer13elementExistsERK7QString [QtXml]	_ZNK12QSvgRenderer15boundsOnElementERK7QString [QtXml]
_ZNK12QSvgRenderer15framesPerSecondEv [QtSvg]	_ZNK12QSvgRenderer16matrixForElementERK7QString [QtXml]
_ZNK12QSvgRenderer17animationDurationEv [QtSvg]	_ZNK12QSvgRenderer7isValidEv [QtSvg]
_ZNK12QSvgRenderer7viewBoxEv [QtSvg]	_ZNK12QSvgRenderer8animatedEv [QtSvg]
_ZNK12QSvgRenderer8viewBoxFEv [QtXml]	_ZNK16QGraphicsSvgItem10metaObjectEv [QtXml]
_ZNK16QGraphicsSvgItem12boundingRectEv [QtXml]	_ZNK16QGraphicsSvgItem16isCachingEnabledEv [QtXml]
_ZNK16QGraphicsSvgItem16maximumCacheSizeEv [QtXml]	_ZNK16QGraphicsSvgItem4typeEv [QtXml]
_ZNK16QGraphicsSvgItem8rendererEv [QtXml]	_ZNK16QGraphicsSvgItem9elementIdEv [QtXml]

An LSB conforming implementation shall provide the generic data interfaces for Qt4 Svg specified in Table 17-572, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-572 libQtSvg - Qt4 Svg Data Interfaces

_ZN10QSvgWidget16staticMetaObjectE [QtSvg]	_ZN12QSvgRenderer16staticMetaObjectE [QtSvg]
_ZN16QGraphicsSvgItem16staticMetaObjectE [QtXml]	_ZTI10QSvgWidget [CXXABI]
_ZTI12QSvgRenderer [CXXABI]	_ZTI16QGraphicsSvgItem [CXXABI]
_ZTI16QSvgTinyDocument [CXXABI]	_ZTV10QSvgWidget [CXXABI]
_ZTV12QSvgRenderer [CXXABI]	_ZTV16QGraphicsSvgItem [CXXABI]
_ZTV16QSvgTinyDocument [CXXABI]	

17.13 Data Definitions for libQtSvg

This section defines global identifiers and their values that are associated with interfaces contained in libQtSvg. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

17.13.1 QtSvg/qsvgrenderer.h

```
class QSvgRenderer;
```

17.13.2 QtSvg/qsvgwidget.h

```
typedef enum QtValidLicenseForSvgModule QtSvgModule;
class QSvgWidget;
```

17.14 Interfaces for libQtNetwork

Table 17-573 defines the library name and shared object name for the libQtNetwork library

Table 17-573 libQtNetwork Definition

Library:	libQtNetwork
SONAME:	libQtNetwork.so.4

The behavior of the interfaces in this library is specified by the following specifications:

[CXXABI] Itanium™ C++ ABI
[QtNetwork] QtNetwork 4.2.0
[QtXml] QtXml 4.2.0

17.14.1 Qt4 Network

17.14.1.1 Class data for QHttpHeader

The virtual table for the QHttpHeader class is described by Table 17-574

Table 17-574 Primary vtable for QHttpHeader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHttpHeader
vfunc[0]:	QHttpHeader::~QHttpHeader()
vfunc[1]:	QHttpHeader::~QHttpHeader()
vfunc[2]:	QHttpHeader::toString() const
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	QHttpHeader::parseLine(QString const&, int)

The Run Time Type Information for the QHttpHeader class is described by Table 17-575

Table 17-575 typeinfo for QHttpHeader

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QHttpHeader

17.14.1.2 Class data for QHttpResponseHeader

The virtual table for the QHttpResponseHeader class is described by Table 17-576

Table 17-576 Primary vtable for QHttpResponseHeader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHttpResponseHeader
vfunc[0]:	NULL or QHttpResponseHeader::~QHttpResponseHeader()
vfunc[1]:	NULL or QHttpResponseHeader::~QHttpResponseHeader()
vfunc[2]:	QHttpResponseHeader::toString() const
vfunc[3]:	QHttpResponseHeader::majorVersion() const

vfunc[4]:	QHttpResponseHeader::minorVersion() const
vfunc[5]:	QHttpResponseHeader::parseLine(QString const&, int)

The Run Time Type Information for the QHttpResponseHeader class is described by Table 17-577

Table 17-577 typeinfo for QHttpResponseHeader

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHttpResponseHeader
basetype:	typeinfo for QHttpHeader

17.14.1.3 Class data for QHttpRequestHeader

The virtual table for the QHttpRequestHeader class is described by Table 17-578

Table 17-578 Primary vtable for QHttpRequestHeader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHttpRequestHeader
vfunc[0]:	NULL or QHttpRequestHeader::~QHttpRequestHeader()
vfunc[1]:	NULL or QHttpRequestHeader::~QHttpRequestHeader()
vfunc[2]:	QHttpRequestHeader::toString() const
vfunc[3]:	QHttpRequestHeader::majorVersion() const
vfunc[4]:	QHttpRequestHeader::minorVersion() const
vfunc[5]:	QHttpRequestHeader::parseLine(QString const&, int)

The Run Time Type Information for the QHttpRequestHeader class is described by Table 17-579

Table 17-579 typeinfo for QHttpRequestHeader

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHttpRequestHeader
basetype:	typeinfo for QHttpHeader

17.14.1.4 Class data for QHttp

The virtual table for the QHttp class is described by Table 17-580

Table 17-580 Primary vtable for QHttp

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHttp
vfunc[0]:	QHttp::metaObject() const
vfunc[1]:	QHttp::qt_metacast(char const*)
vfunc[2]:	QHttp::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QHttp::~QHttp()
vfunc[4]:	QHttp::~QHttp()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QHttp class is described by Table 17-581

Table 17-581 typeinfo for QHttp

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHttp
basetype:	typeinfo for QObject

17.14.1.5 Class data for QAbstractSocket

The virtual table for the QAbstractSocket class is described by Table 17-582

Table 17-582 Primary vtable for QAbstractSocket

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractSocket
vfunc[0]:	QAbstractSocket::metaObject() const
vfunc[1]:	QAbstractSocket::qt_metacast(char const*)
vfunc[2]:	QAbstractSocket::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QAbstractSocket::~QAbstractSocket(

	)
vfunc[4]:	QAbstractSocket::~QAbstractSocket( )
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QAbstractSocket::isSequential() const
vfunc[13]:	QIODevice::open(QFlags<QIODevice::OpenModeFlag>)
vfunc[14]:	QAbstractSocket::close()
vfunc[15]:	QIODevice::pos() const
vfunc[16]:	QIODevice::size() const
vfunc[17]:	QIODevice::seek(long long)
vfunc[18]:	QAbstractSocket::atEnd() const
vfunc[19]:	QIODevice::reset()
vfunc[20]:	QAbstractSocket::bytesAvailable() const
vfunc[21]:	QAbstractSocket::bytesToWrite() const
vfunc[22]:	QAbstractSocket::canReadLine() const
vfunc[23]:	QAbstractSocket::waitForReadyRead (int)
vfunc[24]:	QAbstractSocket::waitForBytesWritt en(int)
vfunc[25]:	QAbstractSocket::readData(char*, long long)
vfunc[26]:	QAbstractSocket::readLineData(char *, long long)
vfunc[27]:	QAbstractSocket::writeData(char const*, long long)

The Run Time Type Information for the QAbstractSocket class is described by Table 17-583

Table 17-583 typeinfo for QAbstractSocket

Base Vtable	vtable for __cxxabiv1::__si_class_type_info

Name	typeinfo name for QAbstractSocket
basetype:	typeinfo for QIODevice

17.14.1.6 Class data for QUrlInfo

The virtual table for the QUrlInfo class is described by Table 17-584

Table 17-584 Primary vtable for QUrlInfo

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QUrlInfo
vfunc[0]:	QUrlInfo::~QUrlInfo()
vfunc[1]:	QUrlInfo::~QUrlInfo()
vfunc[2]:	QUrlInfo::setName(QString const&)
vfunc[3]:	QUrlInfo::setDir(bool)
vfunc[4]:	QUrlInfo::setFile(bool)
vfunc[5]:	QUrlInfo::setSymLink(bool)
vfunc[6]:	QUrlInfo::setOwner(QString const&)
vfunc[7]:	QUrlInfo::setGroup(QString const&)
vfunc[8]:	QUrlInfo::setSize(long long)
vfunc[9]:	QUrlInfo::setWritable(bool)
vfunc[10]:	QUrlInfo::setReadable(bool)
vfunc[11]:	QUrlInfo::setPermissions(int)
vfunc[12]:	QUrlInfo::setLastModified(QDateTime const&)

The Run Time Type Information for the QUrlInfo class is described by Table 17-585

Table 17-585 typeinfo for QUrlInfo

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QUrlInfo

17.14.1.7 Class data for QFtp

The virtual table for the QFtp class is described by Table 17-586

Table 17-586 Primary vtable for QFtp

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFtp
vfunc[0]:	QFtp::metaObject() const
vfunc[1]:	QFtp::qt_metacast(char const*)
vfunc[2]:	QFtp::qt_metacall(QMetaObject::Call, int, void**)

vfunc[3]:	QFtp::~QFtp()
vfunc[4]:	QFtp::~QFtp()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)

The Run Time Type Information for the QFtp class is described by Table 17-587

Table 17-587 typeinfo for QFtp

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFtp
basetype:	typeinfo for QObject

17.14.1.8 Class data for QTcpServer

The virtual table for the QTcpServer class is described by Table 17-588

Table 17-588 Primary vtable for QTcpServer

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTcpServer
vfunc[0]:	QTcpServer::metaObject() const
vfunc[1]:	QTcpServer::qt_metacast(char const*)
vfunc[2]:	QTcpServer::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTcpServer::~QTcpServer()
vfunc[4]:	QTcpServer::~QTcpServer()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QTcpServer::hasPendingConnection

	s() const
vfunc[13]:	QTcpServer::nextPendingConnection ()
vfunc[14]:	QTcpServer::incomingConnection(int)

The Run Time Type Information for the QTcpServer class is described by Table 17-589

Table 17-589 typeinfo for QTcpServer

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTcpServer
basetype:	typeinfo for QObject

17.14.1.9 Class data for QUdpSocket

The virtual table for the QUdpSocket class is described by Table 17-590

Table 17-590 Primary vtable for QUdpSocket

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QUdpSocket
vfunc[0]:	QUdpSocket::metaObject() const
vfunc[1]:	QUdpSocket::qt_metacast(char const*)
vfunc[2]:	QUdpSocket::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QUdpSocket::~QUdpSocket()
vfunc[4]:	QUdpSocket::~QUdpSocket()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QAbstractSocket::isSequential() const
vfunc[13]:	QIODevice::open(QFlags<QIODevice::OpenModeFlag>)
vfunc[14]:	QAbstractSocket::close()
vfunc[15]:	QIODevice::pos() const
vfunc[16]:	QIODevice::size() const

vfunc[17]:	QIODevice::seek(long long)
vfunc[18]:	QAbstractSocket::atEnd() const
vfunc[19]:	QIODevice::reset()
vfunc[20]:	QAbstractSocket::bytesAvailable() const
vfunc[21]:	QAbstractSocket::bytesToWrite() const
vfunc[22]:	QAbstractSocket::canReadLine() const
vfunc[23]:	QAbstractSocket::waitForReadyRead (int)
vfunc[24]:	QAbstractSocket::waitForBytesWritt en(int)
vfunc[25]:	QAbstractSocket::readData(char*, long long)
vfunc[26]:	QAbstractSocket::readLineData(char *, long long)
vfunc[27]:	QAbstractSocket::writeData(char const*, long long)

The Run Time Type Information for the QUdpSocket class is described by Table 17-591

Table 17-591 typeinfo for QUdpSocket

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QUdpSocket
basetype:	typeinfo for QAbstractSocket

17.14.1.10 Class data for QTcpSocket

The virtual table for the QTcpSocket class is described by Table 17-592

Table 17-592 Primary vtable for QTcpSocket

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTcpSocket
vfunc[0]:	QTcpSocket::metaObject() const
vfunc[1]:	QTcpSocket::qt_metacast(char const*)
vfunc[2]:	QTcpSocket::qt_metacall(QMetaObje ct::Call, int, void**)
vfunc[3]:	QTcpSocket::~QTcpSocket()
vfunc[4]:	QTcpSocket::~QTcpSocket()
vfunc[5]:	QObject::event(QEvent*)
vfunc[6]:	QObject::eventFilter(QObject*,

	QEvent*)
vfunc[7]:	QObject::timerEvent(QTimerEvent*)
vfunc[8]:	QObject::childEvent(QChildEvent*)
vfunc[9]:	QObject::customEvent(QEvent*)
vfunc[10]:	QObject::connectNotify(char const*)
vfunc[11]:	QObject::disconnectNotify(char const*)
vfunc[12]:	QAbstractSocket::isSequential() const
vfunc[13]:	QIODevice::open(QFlags<QIODevice::OpenModeFlag>)
vfunc[14]:	QAbstractSocket::close()
vfunc[15]:	QIODevice::pos() const
vfunc[16]:	QIODevice::size() const
vfunc[17]:	QIODevice::seek(long long)
vfunc[18]:	QAbstractSocket::atEnd() const
vfunc[19]:	QIODevice::reset()
vfunc[20]:	QAbstractSocket::bytesAvailable() const
vfunc[21]:	QAbstractSocket::bytesToWrite() const
vfunc[22]:	QAbstractSocket::canReadLine() const
vfunc[23]:	QAbstractSocket::waitForReadyRead(int)
vfunc[24]:	QAbstractSocket::waitForBytesWritten(int)
vfunc[25]:	QAbstractSocket::readData(char*, long long)
vfunc[26]:	QAbstractSocket::readLineData(char*, long long)
vfunc[27]:	QAbstractSocket::writeData(char const*, long long)

The Run Time Type Information for the QTcpSocket class is described by Table 17-593

Table 17-593 typeinfo for QTcpSocket

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTcpSocket
basetype:	typeinfo for QAbstractSocket

17.14.1.11 Interfaces for Qt4 Network

An LSB conforming implementation shall provide the generic functions for Qt4

Network specified in Table 17-594, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-594 libQtNetwork - Qt4 Network Function Interfaces

_Z5qHashRK12QHostAddress [QtXml]	_ZN10QTcpServer11qt_metacallEN11QMetaObject4CallEiPPv [QtNetwork]
_ZN10QTcpServer11qt_metacastEPKc [QtNetwork]	_ZN10QTcpServer13newConnectionEv [QtNetwork]
_ZN10QTcpServer18incomingConnectionEi [QtNetwork]	_ZN10QTcpServer19setSocketDescriptorEi [QtNetwork]
_ZN10QTcpServer20waitForNewConnectionEiPb [QtNetwork]	_ZN10QTcpServer21nextPendingConnectionEv [QtNetwork]
_ZN10QTcpServer24setMaxPendingConnectionsEi [QtNetwork]	_ZN10QTcpServer5closeEv [QtNetwork]
_ZN10QTcpServer6listenERK12QHostAddresst [QtNetwork]	_ZN10QTcpServer8setProxyERK13QNetworkProxy [QtNetwork]
_ZN10QTcpServerC1EP7QObject [QtNetwork]	_ZN10QTcpServerC2EP7QObject [QtNetwork]
_ZN10QTcpServerD0Ev [QtNetwork]	_ZN10QTcpServerD1Ev [QtNetwork]
_ZN10QTcpServerD2Ev [QtNetwork]	_ZN10QTcpSocket11qt_metacallEN11QMetaObject4CallEiPPv [QtNetwork]
_ZN10QTcpSocket11qt_metacastEPKc [QtNetwork]	_ZN10QTcpSocketC1EP7QObject [QtNetwork]
_ZN10QTcpSocketC2EP7QObject [QtNetwork]	_ZN10QTcpSocketD0Ev [QtNetwork]
_ZN10QTcpSocketD1Ev [QtNetwork]	_ZN10QTcpSocketD2Ev [QtNetwork]
_ZN10QUdpSocket11qt_metacallEN11QMetaObject4CallEiPPv [QtNetwork]	_ZN10QUdpSocket11qt_metacastEPKc [QtNetwork]
_ZN10QUdpSocket12readDatagramEPcxP12QHostAddressPt [QtNetwork]	_ZN10QUdpSocket13writeDatagramEPKcxRK12QHostAddresst [QtNetwork]
_ZN10QUdpSocket4bindERK12QHostAddresst [QtNetwork]	_ZN10QUdpSocket4bindERK12QHostAddresst6QFlagsINS_8BindFlagEE [QtNetwork]
_ZN10QUdpSocket4bindEt [QtNetwork]	_ZN10QUdpSocket4bindEt6QFlagsINS_8BindFlagEE [QtNetwork]
_ZN10QUdpSocketC1EP7QObject [QtNetwork]	_ZN10QUdpSocketC2EP7QObject [QtNetwork]
_ZN10QUdpSocketD0Ev [QtNetwork]	_ZN10QUdpSocketD1Ev [QtNetwork]
_ZN10QUdpSocketD2Ev [QtNetwork]	_ZN11QHttpHeader11removeValueERK7QString [QtNetwork]

_ZN11QHttpHeader14setContentTypeERK7QString [QtNetwork]	_ZN11QHttpHeader15removeAllValuesERK7QString [QtNetwork]
_ZN11QHttpHeader16setContentLengthEi [QtNetwork]	_ZN11QHttpHeader5parseERK7QString [QtNetwork]
ZN11QHttpHeader8addValueERK7QStringS2 [QtNetwork]	_ZN11QHttpHeader8setValidEb [QtNetwork]
ZN11QHttpHeader8setValueERK7QStringS2 [QtNetwork]	_ZN11QHttpHeader9parseLineERK7QStringi [QtNetwork]
_ZN11QHttpHeader9setValuesERK5QListI5QPairI7QStringS2_EE [QtNetwork]	_ZN11QHttpHeaderC1ERK7QString [QtNetwork]
ZN11QHttpHeaderC1ERKS [QtNetwork]	_ZN11QHttpHeaderC1Ev [QtNetwork]
_ZN11QHttpHeaderC2ERK7QString [QtNetwork]	_ZN11QHttpHeaderC2ERKS_ [QtNetwork]
_ZN11QHttpHeaderC2Ev [QtNetwork]	_ZN11QHttpHeaderD0Ev [QtNetwork]
_ZN11QHttpHeaderD1Ev [QtNetwork]	_ZN11QHttpHeaderD2Ev [QtNetwork]
ZN11QHttpHeaderaSERKS [QtNetwork]	_ZN12QHostAddress10setAddressEPK8sockaddr [QtNetwork]
_ZN12QHostAddress10setAddressEPh [QtNetwork]	_ZN12QHostAddress10setAddressERK12QIPv6Address [QtNetwork]
_ZN12QHostAddress10setAddressERK7QString [QtNetwork]	_ZN12QHostAddress10setAddressEj [QtNetwork]
_ZN12QHostAddress10setScopeIdERK7QString [QtNetwork]	_ZN12QHostAddress5clearEv [QtNetwork]
_ZN12QHostAddressC1ENS_14SpecialAddressE [QtNetwork]	_ZN12QHostAddressC1EPK8sockaddr [QtNetwork]
_ZN12QHostAddressC1EPh [QtNetwork]	_ZN12QHostAddressC1ERK12QIPv6Address [QtNetwork]
_ZN12QHostAddressC1ERK7QString [QtNetwork]	_ZN12QHostAddressC1ERKS_ [QtNetwork]
_ZN12QHostAddressC1Ej [QtNetwork]	_ZN12QHostAddressC1Ev [QtNetwork]
_ZN12QHostAddressC2ENS_14SpecialAddressE [QtNetwork]	_ZN12QHostAddressC2EPK8sockaddr [QtNetwork]
_ZN12QHostAddressC2EPh [QtNetwork]	_ZN12QHostAddressC2ERK12QIPv6Address [QtNetwork]
_ZN12QHostAddressC2ERK7QString [QtNetwork]	_ZN12QHostAddressC2ERKS_ [QtNetwork]
_ZN12QHostAddressC2Ej [QtNetwork]	_ZN12QHostAddressC2Ev [QtNetwork]
_ZN12QHostAddressD1Ev [QtNetwork]	_ZN12QHostAddressD2Ev [QtNetwork]
_ZN12QHostAddressaSERK7QStrin	_ZN12QHostAddressaSERKS_

g [QtNetwork]	[QtNetwork]
_ZN13QNetworkProxy11setHostNameERK7QString [QtNetwork]	_ZN13QNetworkProxy11setPasswordERK7QString [QtNetwork]
_ZN13QNetworkProxy16applicationProxyEv [QtNetwork]	_ZN13QNetworkProxy19setApplicationProxyERKS_ [QtNetwork]
_ZN13QNetworkProxy7setPortEt [QtNetwork]	_ZN13QNetworkProxy7setTypeENS_9ProxyTypeE [QtNetwork]
_ZN13QNetworkProxy7setUserERK7QString [QtNetwork]	_ZN13QNetworkProxyC1ENS_9ProxyTypeERK7QStringtS3_S3_ [QtNetwork]
ZN13QNetworkProxyC1ERKS [QtNetwork]	_ZN13QNetworkProxyC1Ev [QtNetwork]
_ZN13QNetworkProxyC2ENS_9ProxyTypeERK7QStringtS3_S3_ [QtNetwork]	_ZN13QNetworkProxyC2ERKS_ [QtNetwork]
_ZN13QNetworkProxyC2Ev [QtNetwork]	_ZN13QNetworkProxyD1Ev [QtNetwork]
_ZN13QNetworkProxyD2Ev [QtNetwork]	_ZN13QNetworkProxyaSERKS_ [QtNetwork]
_ZN15QAbstractSocket11qt_metacallEN11QMetaObject4CallEiPPv [QtNetwork]	_ZN15QAbstractSocket11qt_metacastEPKc [QtNetwork]
_ZN15QAbstractSocket11setPeerNameERK7QString [QtNetwork]	_ZN15QAbstractSocket11setPeerPortEt [QtNetwork]
_ZN15QAbstractSocket12disconnectedEv [QtNetwork]	_ZN15QAbstractSocket12readLineDataEPcx [QtNetwork]
_ZN15QAbstractSocket12setLocalPortEt [QtNetwork]	_ZN15QAbstractSocket12stateChangedENS_11SocketStateE [QtNetwork]
_ZN15QAbstractSocket13connectToHostERK12QHostAddresst6QFlagsIN9QIODevice12OpenModeFlagEE [QtNetwork]	_ZN15QAbstractSocket13connectToHostERK7QStringt6QFlagsIN9QIODevice12OpenModeFlagEE [QtNetwork]
_ZN15QAbstractSocket14setPeerAddressERK12QHostAddress [QtNetwork]	_ZN15QAbstractSocket14setSocketErrorENS_11SocketErrorE [QtNetwork]
_ZN15QAbstractSocket14setSocketStateENS_11SocketStateE [QtNetwork]	_ZN15QAbstractSocket15setLocalAddressERK12QHostAddress [QtNetwork]
_ZN15QAbstractSocket16connectionClosedEv [QtNetwork]	_ZN15QAbstractSocket16waitForConnectedEi [QtNetwork]
_ZN15QAbstractSocket16waitForReadyReadEi [QtNetwork]	_ZN15QAbstractSocket17setReadBufferSizeEx [QtNetwork]
_ZN15QAbstractSocket18disconnectFromHostEv [QtNetwork]	_ZN15QAbstractSocket19setSocketDescriptorEiNS_11SocketStateE6QFlagsIN9QIODevice12OpenModeFlagEE [QtNetwork]

_ZN15QAbstractSocket19waitForBytesWrittenEi [QtNetwork]	_ZN15QAbstractSocket19waitForDisconnectedEi [QtNetwork]
_ZN15QAbstractSocket20delayedCloseFinishedEv [QtNetwork]	_ZN15QAbstractSocket27connectToHostImplementationERK7QStringt6QFlagsIN9QIODevice12OpenModeFlagEE [QtNetwork]
_ZN15QAbstractSocket32disconnectFromHostImplementationEv [QtNetwork]	_ZN15QAbstractSocket5abortEv [QtNetwork]
_ZN15QAbstractSocket5closeEv [QtNetwork]	_ZN15QAbstractSocket5errorENS_11SocketErrorE [QtNetwork]
_ZN15QAbstractSocket5flushEv [QtNetwork]	_ZN15QAbstractSocket8readDataEPcx [QtNetwork]
_ZN15QAbstractSocket8setProxyERK13QNetworkProxy [QtNetwork]	_ZN15QAbstractSocket9connectedEv [QtNetwork]
_ZN15QAbstractSocket9hostFoundEv [QtNetwork]	_ZN15QAbstractSocket9writeDataEPKcx [QtNetwork]
_ZN15QAbstractSocketC1ENS_10SocketTypeEP7QObject [QtNetwork]	_ZN15QAbstractSocketC2ENS_10SocketTypeEP7QObject [QtNetwork]
_ZN15QAbstractSocketD0Ev [QtNetwork]	_ZN15QAbstractSocketD1Ev [QtNetwork]
_ZN15QAbstractSocketD2Ev [QtNetwork]	_ZN17QNetworkInterface12allAddressesEv [QtXml]
_ZN17QNetworkInterface13allInterfacesEv [QtXml]	_ZN17QNetworkInterface17interfaceFromNameERK7QString [QtXml]
_ZN17QNetworkInterface18interfaceFromIndexEi [QtXml]	_ZN17QNetworkInterfaceC1ERKS_ [QtXml]
_ZN17QNetworkInterfaceC1Ev [QtXml]	_ZN17QNetworkInterfaceC2ERKS_ [QtXml]
_ZN17QNetworkInterfaceC2Ev [QtXml]	_ZN17QNetworkInterfaceD1Ev [QtXml]
_ZN17QNetworkInterfaceD2Ev [QtXml]	_ZN17QNetworkInterfaceaSERKS_ [QtXml]
_ZN18QHttpRequestHeader10setRequestERK7QStringS2_ii [QtNetwork]	_ZN18QHttpRequestHeader9parseLineERK7QStringi [QtNetwork]
_ZN18QHttpRequestHeaderC1ERK7QString [QtNetwork]	_ZN18QHttpRequestHeaderC1ERK7QStringS2_ii [QtNetwork]
ZN18QHttpRequestHeaderC1ERKS [QtNetwork]	_ZN18QHttpRequestHeaderC1Ev [QtNetwork]
_ZN18QHttpRequestHeaderC2ERK7QString [QtNetwork]	_ZN18QHttpRequestHeaderC2ERK7QStringS2_ii [QtNetwork]
ZN18QHttpRequestHeaderC2ERKS [QtNetwork]	_ZN18QHttpRequestHeaderC2Ev [QtNetwork]
ZN18QHttpRequestHeaderaSERKS [QtNetwork]	_ZN19QHttpResponseHeader13setStatusLineEiRK7Qstringii [QtNetwork]

_ZN19QHttpResponseHeader9parseLineERK7QStringi [QtNetwork]	_ZN19QHttpResponseHeaderC1ERK7QString [QtNetwork]
ZN19QHttpResponseHeaderC1ERKS [QtNetwork]	_ZN19QHttpResponseHeaderC1EiRK7QStringii [QtNetwork]
_ZN19QHttpResponseHeaderC1Ev [QtNetwork]	_ZN19QHttpResponseHeaderC2ERK7QString [QtNetwork]
ZN19QHttpResponseHeaderC2ERKS [QtNetwork]	_ZN19QHttpResponseHeaderC2EiRK7QStringii [QtNetwork]
_ZN19QHttpResponseHeaderC2Ev [QtNetwork]	_ZN19QHttpResponseHeaderaSERKS_ [QtNetwork]
_ZN20QNetworkAddressEntry10setNetmaskERK12QHostAddress [QtXml]	_ZN20QNetworkAddressEntry12setBroadcastERK12QHostAddress [QtXml]
_ZN20QNetworkAddressEntry5setIpERK12QHostAddress [QtXml]	_ZN20QNetworkAddressEntryC1ERKS_ [QtXml]
_ZN20QNetworkAddressEntryC1Ev [QtXml]	_ZN20QNetworkAddressEntryC2ERKS_ [QtXml]
_ZN20QNetworkAddressEntryC2Ev [QtXml]	_ZN20QNetworkAddressEntryD1Ev [QtXml]
_ZN20QNetworkAddressEntryD2Ev [QtXml]	_ZN20QNetworkAddressEntryaSERKS_ [QtXml]
_ZN4QFtp10rawCommandERK7QString [QtNetwork]	_ZN4QFtp11qt_metacallEN11QMetaObject4CallEiPPv [QtNetwork]
_ZN4QFtp11qt_metacastEPKc [QtNetwork]	_ZN4QFtp12stateChangedEi [QtNetwork]
_ZN4QFtp13connectToHostERK7QStringt [QtNetwork]	_ZN4QFtp14commandStartedEi [QtNetwork]
_ZN4QFtp15commandFinishedEib [QtNetwork]	_ZN4QFtp15rawCommandReplyEiRK7QString [QtNetwork]
_ZN4QFtp15setTransferModeENS_12TransferModeE [QtNetwork]	_ZN4QFtp20clearPendingCommandsEv [QtNetwork]
_ZN4QFtp20dataTransferProgressEx [QtNetwork]	_ZN4QFtp2cdERK7QString [QtNetwork]
_ZN4QFtp3getERK7QStringP9QIODeviceNS_12TransferTypeE [QtNetwork]	_ZN4QFtp3putEP9QIODeviceRK7QStringNS_12TransferTypeE [QtNetwork]
_ZN4QFtp3putERK10QByteArrayRK7QStringNS_12TransferTypeE [QtNetwork]	_ZN4QFtp4doneEb [QtNetwork]
_ZN4QFtp4listERK7QString [QtNetwork]	_ZN4QFtp4readEPcx [QtNetwork]
_ZN4QFtp5abortEv [QtNetwork]	_ZN4QFtp5closeEv [QtNetwork]
ZN4QFtp5loginERK7QStringS2 [QtNetwork]	_ZN4QFtp5mkdirERK7QString [QtNetwork]
_ZN4QFtp5rmdirERK7QString [QtNetwork]	_ZN4QFtp6removeERK7QString [QtNetwork]

ZN4QFtp6renameERK7QStringS2 [QtNetwork]	_ZN4QFtp7readAllEv [QtNetwork]
_ZN4QFtp8listInfoERK8QUrlInfo [QtNetwork]	_ZN4QFtp8setProxyERK7QStringt [QtNetwork]
_ZN4QFtp9readyReadEv [QtNetwork]	_ZN4QFtpC1EP7QObject [QtNetwork]
_ZN4QFtpC1EP7QObjectPKc [QtNetwork]	_ZN4QFtpC2EP7QObject [QtNetwork]
_ZN4QFtpC2EP7QObjectPKc [QtNetwork]	_ZN4QFtpD0Ev [QtNetwork]
_ZN4QFtpD1Ev [QtNetwork]	_ZN4QFtpD2Ev [QtNetwork]
_ZN5QHttp11qt_metacallEN11QMetaObject4CallEiPPv [QtNetwork]	_ZN5QHttp11qt_metacastEPKc [QtNetwork]
_ZN5QHttp12stateChangedEi [QtNetwork]	_ZN5QHttp14requestStartedEi [QtNetwork]
_ZN5QHttp15closeConnectionEv [QtNetwork]	_ZN5QHttp15requestFinishedEib [QtNetwork]
_ZN5QHttp16dataReadProgressEii [QtNetwork]	_ZN5QHttp16dataSendProgressEii [QtNetwork]
_ZN5QHttp20clearPendingRequestsEv [QtNetwork]	_ZN5QHttp22responseHeaderReceivedERK19QHttpResponseHeader [QtNetwork]
_ZN5QHttp3getERK7QStringP9QIODevice [QtNetwork]	_ZN5QHttp4doneEb [QtNetwork]
_ZN5QHttp4headERK7QString [QtNetwork]	_ZN5QHttp4postERK7QStringP9QIODeviceS4_ [QtNetwork]
_ZN5QHttp4postERK7QStringRK10QByteArrayP9QIODevice [QtNetwork]	_ZN5QHttp4readEPcx [QtNetwork]
_ZN5QHttp5abortEv [QtNetwork]	_ZN5QHttp5closeEv [QtNetwork]
_ZN5QHttp7readAllEv [QtNetwork]	_ZN5QHttp7requestERK18QHttpRequestHeaderP9QIODeviceS4_ [QtNetwork]
_ZN5QHttp7requestERK18QHttpRequestHeaderRK10QByteArrayP9QIODevice [QtNetwork]	_ZN5QHttp7setHostERK7QStringt [QtNetwork]
ZN5QHttp7setUserERK7QStringS2 [QtNetwork]	_ZN5QHttp8setProxyERK7QStringiS2_S2_ [QtNetwork]
_ZN5QHttp9readyReadERK19QHttpResponseHeader [QtNetwork]	_ZN5QHttp9setSocketEP10QTcpSocket [QtNetwork]
_ZN5QHttpC1EP7QObject [QtNetwork]	_ZN5QHttpC1ERK7QStringtP7QObject [QtNetwork]
_ZN5QHttpC2EP7QObject [QtNetwork]	_ZN5QHttpC2ERK7QStringtP7QObject [QtNetwork]
_ZN5QHttpD0Ev [QtNetwork]	_ZN5QHttpD1Ev [QtNetwork]
_ZN5QHttpD2Ev [QtNetwork]	_ZN8QUrlInfo10setSymLinkEb

	[QtNetwork]
_ZN8QUrlInfo11greaterThanERKS_S1_i [QtNetwork]	_ZN8QUrlInfo11setReadableEb [QtNetwork]
_ZN8QUrlInfo11setWritableEb [QtNetwork]	_ZN8QUrlInfo14setPermissionsEi [QtNetwork]
_ZN8QUrlInfo15setLastModifiedERK9QDateTime [QtNetwork]	_ZN8QUrlInfo5equalERKS_S1_i [QtNetwork]
_ZN8QUrlInfo6setDirEb [QtNetwork]	_ZN8QUrlInfo7setFileEb [QtNetwork]
_ZN8QUrlInfo7setNameERK7QString [QtNetwork]	_ZN8QUrlInfo7setSizeEx [QtNetwork]
_ZN8QUrlInfo8lessThanERKS_S1_i [QtNetwork]	_ZN8QUrlInfo8setGroupERK7QString [QtNetwork]
_ZN8QUrlInfo8setOwnerERK7QString [QtNetwork]	_ZN8QUrlInfoC1ERK4QUrliRK7QStringS5_xRK9QDateTimeS8_bbbbbb [QtNetwork]
_ZN8QUrlInfoC1ERK7QStringiS2_S2_xRK9QDateTimeS5_bbbbbb [QtNetwork]	_ZN8QUrlInfoC1ERKS_ [QtNetwork]
_ZN8QUrlInfoC1Ev [QtNetwork]	_ZN8QUrlInfoC2ERK4QUrliRK7QStringS5_xRK9QDateTimeS8_bbbbbb [QtNetwork]
_ZN8QUrlInfoC2ERK7QStringiS2_S2_xRK9QDateTimeS5_bbbbbb [QtNetwork]	_ZN8QUrlInfoC2ERKS_ [QtNetwork]
_ZN8QUrlInfoC2Ev [QtNetwork]	_ZN8QUrlInfoD0Ev [QtNetwork]
_ZN8QUrlInfoD1Ev [QtNetwork]	_ZN8QUrlInfoD2Ev [QtNetwork]
ZN8QUrlInfoaSERKS [QtNetwork]	_ZN9QHostInfo10lookupHostERK7QStringP7QObjectPKc [QtNetwork]
_ZN9QHostInfo11setHostNameERK7QString [QtNetwork]	_ZN9QHostInfo11setLookupIdEi [QtNetwork]
_ZN9QHostInfo12setAddressesERK5QListI12QHostAddressE [QtNetwork]	_ZN9QHostInfo13localHostNameEv [QtNetwork]
_ZN9QHostInfo14setErrorStringERK7QString [QtNetwork]	_ZN9QHostInfo15abortHostLookupEi [QtNetwork]
_ZN9QHostInfo8fromNameERK7QString [QtNetwork]	_ZN9QHostInfo8setErrorENS_13HostInfoErrorE [QtNetwork]
ZN9QHostInfoC1ERKS [QtNetwork]	_ZN9QHostInfoC1Ei [QtNetwork]
ZN9QHostInfoC2ERKS [QtNetwork]	_ZN9QHostInfoC2Ei [QtNetwork]
_ZN9QHostInfoD1Ev [QtNetwork]	_ZN9QHostInfoD2Ev [QtNetwork]
ZN9QHostInfoaSERKS [QtNetwork]	_ZNK10QTcpServer10metaObjectEv [QtNetwork]
_ZNK10QTcpServer10serverPortEv	_ZNK10QTcpServer11errorStringEv

[QtNetwork]	[QtNetwork]
_ZNK10QTcpServer11isListeningEv [QtNetwork]	_ZNK10QTcpServer11serverErrorEv [QtNetwork]
_ZNK10QTcpServer13serverAddress Ev [QtNetwork]	_ZNK10QTcpServer16socketDescrip torEv [QtNetwork]
_ZNK10QTcpServer21hasPendingCo nnectionsEv [QtNetwork]	_ZNK10QTcpServer21maxPendingC onnectionsEv [QtNetwork]
_ZNK10QTcpServer5proxyEv [QtNetwork]	_ZNK10QTcpSocket10metaObjectEv [QtNetwork]
_ZNK10QUdpSocket10metaObjectE v [QtNetwork]	_ZNK10QUdpSocket19hasPendingD atagramsEv [QtNetwork]
_ZNK10QUdpSocket19pendingData gramSizeEv [QtNetwork]	_ZNK11QHttpHeader11contentType Ev [QtNetwork]
_ZNK11QHttpHeader13contentLeng thEv [QtNetwork]	_ZNK11QHttpHeader14hasContent TypeEv [QtNetwork]
_ZNK11QHttpHeader16hasContent LengthEv [QtNetwork]	_ZNK11QHttpHeader4keysEv [QtNetwork]
_ZNK11QHttpHeader5valueERK7Q String [QtNetwork]	_ZNK11QHttpHeader6hasKeyERK7 QString [QtNetwork]
_ZNK11QHttpHeader6valuesEv [QtNetwork]	_ZNK11QHttpHeader7isValidEv [QtNetwork]
_ZNK11QHttpHeader8toStringEv [QtNetwork]	_ZNK11QHttpHeader9allValuesER K7QString [QtNetwork]
_ZNK12QHostAddress13toIPv4Add ressEv [QtNetwork]	_ZNK12QHostAddress13toIPv6Add ressEv [QtNetwork]
_ZNK12QHostAddress6isNullEv [QtNetwork]	_ZNK12QHostAddress7scopeIdEv [QtNetwork]
_ZNK12QHostAddress8protocolEv [QtNetwork]	_ZNK12QHostAddress8toStringEv [QtNetwork]
_ZNK12QHostAddresseqENS_14Spe cialAddressE [QtNetwork]	_ZNK12QHostAddresseqERKS_ [QtNetwork]
_ZNK13QNetworkProxy4portEv [QtNetwork]	_ZNK13QNetworkProxy4typeEv [QtNetwork]
_ZNK13QNetworkProxy4userEv [QtNetwork]	_ZNK13QNetworkProxy8hostName Ev [QtNetwork]
_ZNK13QNetworkProxy8password Ev [QtNetwork]	_ZNK15QAbstractSocket10metaObje ctEv [QtNetwork]
_ZNK15QAbstractSocket10socketTy peEv [QtNetwork]	_ZNK15QAbstractSocket11canRead LineEv [QtNetwork]
_ZNK15QAbstractSocket11peerAdd ressEv [QtNetwork]	_ZNK15QAbstractSocket12bytesTo WriteEv [QtNetwork]
_ZNK15QAbstractSocket12isSequent ialEv [QtNetwork]	_ZNK15QAbstractSocket12localAdd ressEv [QtNetwork]
_ZNK15QAbstractSocket14bytesAva ilableEv [QtNetwork]	_ZNK15QAbstractSocket14readBuffe rSizeEv [QtNetwork]

© 2008 Linux Foundation

_ZNK15QAbstractSocket16socketDescriptorEv [QtNetwork]	_ZNK15QAbstractSocket5atEndEv [QtNetwork]
_ZNK15QAbstractSocket5errorEv [QtNetwork]	_ZNK15QAbstractSocket5proxyEv [QtNetwork]
_ZNK15QAbstractSocket5stateEv [QtNetwork]	_ZNK15QAbstractSocket7isValidEv [QtNetwork]
_ZNK15QAbstractSocket8peerNameEv [QtNetwork]	_ZNK15QAbstractSocket8peerPortEv [QtNetwork]
_ZNK15QAbstractSocket9localPortEv [QtNetwork]	_ZNK17QNetworkInterface14addressEntriesEv [QtXml]
_ZNK17QNetworkInterface15hardwareAddressEv [QtXml]	_ZNK17QNetworkInterface4nameEv [QtXml]
_ZNK17QNetworkInterface5flagsEv [QtXml]	_ZNK17QNetworkInterface7isValidEv [QtXml]
_ZNK18QHttpRequestHeader12majorVersionEv [QtNetwork]	_ZNK18QHttpRequestHeader12minorVersionEv [QtNetwork]
_ZNK18QHttpRequestHeader4pathEv [QtNetwork]	_ZNK18QHttpRequestHeader6methodEv [QtNetwork]
_ZNK18QHttpRequestHeader8toStringEv [QtNetwork]	_ZNK19QHttpResponseHeader10statusCodeEv [QtNetwork]
_ZNK19QHttpResponseHeader12majorVersionEv [QtNetwork]	_ZNK19QHttpResponseHeader12minorVersionEv [QtNetwork]
_ZNK19QHttpResponseHeader12reasonPhraseEv [QtNetwork]	_ZNK19QHttpResponseHeader8toStringEv [QtNetwork]
_ZNK20QNetworkAddressEntry2ipEv [QtXml]	_ZNK20QNetworkAddressEntry7netmaskEv [QtXml]
_ZNK20QNetworkAddressEntry9broadcastEv [QtXml]	_ZNK4QFtp10metaObjectEv [QtNetwork]
_ZNK4QFtp11errorStringEv [QtNetwork]	_ZNK4QFtp13currentDeviceEv [QtNetwork]
_ZNK4QFtp14bytesAvailableEv [QtNetwork]	_ZNK4QFtp14currentCommandEv [QtNetwork]
_ZNK4QFtp18hasPendingCommandsEv [QtNetwork]	_ZNK4QFtp5errorEv [QtNetwork]
_ZNK4QFtp5stateEv [QtNetwork]	_ZNK4QFtp9currentIdEv [QtNetwork]
_ZNK5QHttp10metaObjectEv [QtNetwork]	_ZNK5QHttp11errorStringEv [QtNetwork]
_ZNK5QHttp12lastResponseEv [QtNetwork]	_ZNK5QHttp14bytesAvailableEv [QtNetwork]
_ZNK5QHttp14currentRequestEv [QtNetwork]	_ZNK5QHttp18hasPendingRequestsEv [QtNetwork]
_ZNK5QHttp19currentSourceDeviceEv [QtNetwork]	_ZNK5QHttp24currentDestinationDeviceEv [QtNetwork]
_ZNK5QHttp5errorEv [QtNetwork]	_ZNK5QHttp5stateEv [QtNetwork]

_ZNK5QHttp9currentIdEv [QtNetwork]	_ZNK8QUrlInfo10isReadableEv [QtNetwork]
_ZNK8QUrlInfo10isWritableEv [QtNetwork]	_ZNK8QUrlInfo11permissionsEv [QtNetwork]
_ZNK8QUrlInfo12isExecutableEv [QtNetwork]	_ZNK8QUrlInfo12lastModifiedEv [QtNetwork]
_ZNK8QUrlInfo4nameEv [QtNetwork]	_ZNK8QUrlInfo4sizeEv [QtNetwork]
_ZNK8QUrlInfo5groupEv [QtNetwork]	_ZNK8QUrlInfo5isDirEv [QtNetwork]
_ZNK8QUrlInfo5ownerEv [QtNetwork]	_ZNK8QUrlInfo6isFileEv [QtNetwork]
_ZNK8QUrlInfo7isValidEv [QtNetwork]	_ZNK8QUrlInfo8lastReadEv [QtNetwork]
_ZNK8QUrlInfo9isSymLinkEv [QtNetwork]	_ZNK8QUrlInfoeqERKS_ [QtNetwork]
_ZNK9QHostInfo11errorStringEv [QtNetwork]	_ZNK9QHostInfo5errorEv [QtNetwork]
_ZNK9QHostInfo8hostNameEv [QtNetwork]	_ZNK9QHostInfo8lookupIdEv [QtNetwork]
_ZNK9QHostInfo9addressesEv [QtNetwork]	_Zls6QDebugRK12QHostAddress [QtNetwork]
_Zls6QDebugRK17QNetworkInterface [QtXml]	_ZlsR11QDataStreamRK12QHostAddress [QtXml]
_ZrsR11QDataStreamR12QHostAddress [QtXml]	

An LSB conforming implementation shall provide the generic data interfaces for Qt4 Network specified in Table 17-595, with the full mandatory functionality as described in the referenced underlying specification.

Table 17-595 libQtNetwork - Qt4 Network Data Interfaces

_ZN10QTcpServer16staticMetaObjectE [QtNetwork]	_ZN10QTcpSocket16staticMetaObjectE [QtNetwork]
_ZN10QUdpSocket16staticMetaObjectE [QtNetwork]	_ZN15QAbstractSocket16staticMetaObjectE [QtNetwork]
_ZN4QFtp16staticMetaObjectE [QtNetwork]	_ZN5QHttp16staticMetaObjectE [QtNetwork]
_ZTI10QTcpServer [CXXABI]	_ZTI10QTcpSocket [CXXABI]
_ZTI10QUdpSocket [CXXABI]	_ZTI11QHttpHeader [CXXABI]
_ZTI15QAbstractSocket [CXXABI]	_ZTI18QHttpRequestHeader [CXXABI]
_ZTI19QHttpResponseHeader [CXXABI]	_ZTI4QFtp [CXXABI]
_ZTI5QHttp [CXXABI]	_ZTI8QUrlInfo [CXXABI]
_ZTV10QTcpServer [CXXABI]	_ZTV10QTcpSocket [CXXABI]

_ZTV10QUdpSocket [CXXABI]	_ZTV11QHttpHeader [CXXABI]
_ZTV15QAbstractSocket [CXXABI]	_ZTV18QHttpRequestHeader [CXXABI]
_ZTV19QHttpResponseHeader [CXXABI]	_ZTV4QFtp [CXXABI]
_ZTV5QHttp [CXXABI]	_ZTV8QUrlInfo [CXXABI]

17.15 Data Definitions for libQtNetwork

This section defines global identifiers and their values that are associated with interfaces contained in libQtNetwork. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

17.15.1 QtNetwork/qabstractsocket.h

```
class QAbstractSocket;
enum _ZN15QAbstractSocket10SocketTypeE {
    UnknownSocketType = -1,
    TcpSocket = 0,
    UdpSocket = 1
};
enum _ZN15QAbstractSocket20NetworkLayerProtocolE {
    UnknownNetworkLayerProtocol = -1,
    IPv4Protocol = 0,
    IPv6Protocol = 1
};
enum _ZN15QAbstractSocket11SocketErrorE {
    UnknownSocketError = -1,
    ConnectionRefusedError = 0,
    RemoteHostClosedError = 1,
    HostNotFoundError = 2,
    SocketAccessError = 3,
    SocketResourceError = 4,
    SocketTimeoutError = 5,
    DatagramTooLargeError = 6,
    NetworkError = 7,
    AddressInUseError = 8,
    SocketAddressNotAvailableError = 9,
    UnsupportedSocketOperationError = 10
};
enum _ZN15QAbstractSocket11SocketStateE {
    UnconnectedState = 0,
    Idle = 0,
    HostLookupState = 1,
```

```
    HostLookup = 1,
    ConnectingState = 2,
    Connecting = 2,
    Connected = 3,
    Connection = 3,
    ConnectedState = 3,
    BoundState = 4,
    ListeningState = 5,
    Closing = 6,
    ClosingState = 6
};
enum _ZN15QAbstractSocket5ErrorE {
    ErrSocketRead = -1,
    ErrConnectionRefused = 0,
    ErrHostNotFound = 2
};
typedef enum _ZN15QAbstractSocket11SocketStateE {
    UnconnectedState = 0,
    Idle = 0,
    HostLookupState = 1,
    HostLookup = 1,
    ConnectingState = 2,
    Connecting = 2,
    Connected = 3,
    Connection = 3,
    ConnectedState = 3,
    BoundState = 4,
    ListeningState = 5,
    Closing = 6,
    ClosingState = 6
} QAbstractSocket::State;
```

17.15.2 QtNetwork/qftp.h

```
class QFtp;
enum _ZN4QFtp5StateE {
    Unconnected = 0,
    HostLookup = 1,
    Connecting = 2,
    Connected = 3,
    LoggedIn = 4,
    Closing = 5
};
enum _ZN4QFtp5ErrorE {
    NoError = 0,
    UnknownError = 1,
    HostNotFound = 2,
    ConnectionRefused = 3,
    NotConnected = 4
};
enum _ZN4QFtp7CommandE {
    None = 0,
    SetTransferMode = 1,
    SetProxy = 2,
    ConnectToHost = 3,
    Login = 4,
    Close = 5,
    List = 6,
    Cd = 7,
    Get = 8,
    Put = 9,
    Remove = 10,
    Mkdir = 11,
    Rmdir = 12,
```

```
    Rename = 13,
    RawCommand = 14
};
enum _ZN4QFtp12TransferModeE {
    Active = 0,
    Passive = 1
};
enum _ZN4QFtp12TransferTypeE {
    Binary = 0,
    Ascii = 1
};
```

17.15.3 QtNetwork/qhostaddress.h

```
class QIPv6Address;
typedef class QIPv6AddressQ_IPV6ADDR;
class QHostAddress;
enum _ZN12QHostAddress14SpecialAddressE {
    Null = 0,
    Broadcast = 1,
    LocalHost = 2,
    LocalHostIPv6 = 3,
    Any = 4,
    AnyIPv6 = 5
};
```

17.15.4 QtNetwork/qhostinfo.h

```
class QHostInfo;
enum _ZN9QHostInfo13HostInfoErrorE {
    NoError = 0,
    HostNotFound = 1,
    UnknownError = 2
};
```

17.15.5 QtNetwork/qhttp.h

```
class QHttpHeader;
class QHttpResponseHeader;
class QHttpRequestHeader;
class QHttp;
enum _ZN5QHttp5StateE {
    Unconnected = 0,
    HostLookup = 1,
    Connecting = 2,
    Sending = 3,
    Reading = 4,
    Connected = 5,
    Closing = 6
};
enum _ZN5QHttp5ErrorE {
    NoError = 0,
    UnknownError = 1,
    HostNotFound = 2,
    ConnectionRefused = 3,
    UnexpectedClose = 4,
    InvalidResponseHeader = 5,
    WrongContentLength = 6,
    Aborted = 7
};
```

17.15.6 QtNetwork/qnetworkproxy.h

```
class QNetworkProxy;
enum _ZN13QNetworkProxy9ProxyTypeE {
    DefaultProxy = 0,
    Socks5Proxy = 1,
    NoProxy = 2
};
```

17.15.7 QtNetwork/qtcpserver.h

```
class QTcpServer;
```

17.15.8 QtNetwork/qtcpsocket.h

```
typedef enum QtValidLicenseForNetworkModule QtNetworkModule;
class QTcpSocket;
```

17.15.9 QtNetwork/qudpsocket.h

```
class QUdpSocket;
enum _ZN10QUdpSocket8BindFlagE {
    DefaultForPlatform = 0,
    ShareAddress = 1,
    DontShareAddress = 2,
    ReuseAddressHint = 4
};
class QFlags < QUdpSocket::BindFlag >;
typedef     class     QFlags     <     QUdpSocket::BindFlag     >
QUdpSocket::BindMode;
```

17.15.10 QtNetwork/qurlinfo.h

```
class QUrlInfo;
enum _ZN8QUrlInfo14PermissionSpecE {
    ExeOther = 1,
    WriteOther = 2,
    ReadOther = 4,
    ExeGroup = 8,
    WriteGroup = 16,
    ReadGroup = 32,
    ExeOwner = 64,
    WriteOwner = 128,
    ReadOwner = 256
};
```

© 2008 Linux Foundation

XIII Qt3 Library

18 Library

18.1 Introduction

An conforming implementation shall support the following Qt library which provide interfaces for creating rich user applications, either graphical or console.

qt-mt

A general-purpose application development library. Proviedes a GUI-independent layer of tool classes, network support, SQL database support, XML handling and a GUI layer featuring a device-independent drawing API for printing, screen output and OpenGL support.

There are three main parts to the definition of each of this library.

The "Interfaces" section defines the required library name and version, and the required public symbols (interfaces and global data), as well as symbol versions, if any.

The "Interface Definitions" section provides complete or partial definitions of certain interfaces where either this specification is the source specification, or where there are variations from the source specification. If an interface definition requires one or more header files, one of those headers shall include the function prototype for the interface.

For source definitions of interfaces which include a reference to a header file, the contents of such header files form a part of the specification. The "Data Definitions" section provides the binary-level details for the header files from the source specifications, such as values for macros and enumerated types, as well as structure layouts, sizes and padding, etc. These data definitions, although presented in the form of header files for convenience, should not be taken a representing complete header files, as they are a supplement to the source specifications. Application developers should follow the guidelines of the source specifications when determining which header files need to be included to completely resolve all references.

Note: While the Data Definitions supplement the source specifications, this specification itself does not require conforming implementations to supply any header files.

18.2 Interfaces for libqt-mt

Table 18-1 defines the library name and shared object name for the libqt-mt library

Table 18-1 libqt-mt Definition

Library:	libqt-mt
SONAME:	libqt-mt.so.3

The behavior of the interfaces in this library is specified by the following specifications:

[CXXABI] Itanium™ C++ ABI
[qt-mt] Qt 3.3.6

18.2.1 Qt

18.2.1.1 Class data for QNetworkProtocolFactoryBase

The virtual table for the QNetworkProtocolFactoryBase class is described by Table 18-2

Table 18-2 Primary vtable for QNetworkProtocolFactoryBase

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QNetworkProtocolFactoryBase
vfunc[0]:	__cxa_pure_virtual

The Run Time Type Information for the QNetworkProtocolFactoryBase class is described by Table 18-3

Table 18-3 typeinfo for QNetworkProtocolFactoryBase

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QNetworkProtocolFactoryBase

18.2.1.2 Interfaces for Qt

An LSB conforming implementation shall provide the generic functions for Qt specified in Table 18-4, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-4 libqt-mt - Qt Function Interfaces

_Z10qDrawArrowP8QPainterN2Qt9ArrowTypeENS1_8GUIStyleEbiiiiRK11QColorGroupb [qt-mt]	_Z10qt_xscreenv [qt-mt]
_Z11qFadeEffectP7QWidgeti [qt-mt]	_Z11qUncompressPKhi [qt-mt]
_Z11qt_xdisplayv [qt-mt]	_Z11qt_xrootwini [qt-mt]
_Z11qt_xrootwinv [qt-mt]	_Z12qInstallPathv [qt-mt]
_Z12qSharedBuildv [qt-mt]	_Z12qt_try_modalP7QWidgetP7_XEvent [qt-mt]
_Z13qDrawWinPanelP8QPainterRK5QRectRK11QColorGroupbPK6QBrush [qt-mt]	_Z13qDrawWinPanelP8QPainteriiiiRK11QColorGroupbPK6QBrush [qt-mt]
_Z13qScrollEffectP7QWidgetji [qt-mt]	_Z13qSmartMaxSizeP7QWidgeti [qt-mt]
_Z13qSmartMaxSizePK11QWidgetItemi [qt-mt]	_Z13qSmartMinSizeP7QWidget [qt-mt]
_Z13qSmartMinSizePK11QWidgetItem [qt-mt]	_Z14qDrawPlainRectP8QPainterRK5QRectRK6QColoriPK6QBrush [qt-mt]
_Z14qDrawPlainRectP8QPainteriiiiR	_Z14qDrawShadeLineP8QPainterRK

 © 2008 Linux Foundation

K6QColoriPK6QBrush [qt-mt]	6QPointS3_RK11QColorGroupbii [qt-mt]
_Z14qDrawShadeLineP8QPainteriiii RK11QColorGroupbii [qt-mt]	_Z14qDrawShadeRectP8QPainterRK 5QRectRK11QColorGroupbiiPK6QB rush [qt-mt]
_Z14qDrawShadeRectP8QPainteriiii RK11QColorGroupbiiPK6QBrush [qt-mt]	_Z14qDrawWinButtonP8QPainterR K5QRectRK11QColorGroupbPK6QB rush [qt-mt]
_Z14qDrawWinButtonP8QPainteriiii RK11QColorGroupbPK6QBrush [qt-mt]	_Z14qSystemWarningPKci [qt-mt]
_Z14qt_enter_modalP7QWidget [qt-mt]	_Z14qt_inheritedByP11QMetaObject PK7QObject [qt-mt]
_Z14qt_leave_modalP7QWidget [qt-mt]	_Z14qt_modal_statev [qt-mt]
_Z15qAddPostRoutinePFvvE [qt-mt]	_Z15qDrawShadePanelP8QPainterR K5QRectRK11QColorGroupbiPK6Q Brush [qt-mt]
_Z15qDrawShadePanelP8QPainteriii iRK11QColorGroupbiPK6QBrush [qt-mt]	_Z15qSqlOpenExtDictv [qt-mt]
_Z15qt_xget_temp_gcib [qt-mt]	_Z16qInstallPathBinsv [qt-mt]
_Z16qInstallPathDatav [qt-mt]	_Z16qInstallPathDocsv [qt-mt]
_Z16qInstallPathLibsv [qt-mt]	_Z16qt_check_pointerbPKci [qt-mt]
_Z16qt_generate_epsfb [qt-mt]	_Z16qt_tryAccelEventP7QWidgetP9 QKeyEvent [qt-mt]
_Z17qSqlDriverExtDictv [qt-mt]	_Z17qt_find_obj_childP7QObjectPKc S2_ [qt-mt]
_Z17qt_tryModalHelperP7QWidget PS0_ [qt-mt]	_Z17qt_ucm_initializeP12QApplicati on [qt-mt]
_Z18qInstallMsgHandlerPFv9QtMsg TypePKcE [qt-mt]	_Z18qRemovePostRoutinePFvvE [qt-mt]
_Z19qInstallPathHeadersv [qt-mt]	_Z19qInstallPathPluginsv [qt-mt]
_Z19qInstallPathSysconfv [qt-mt]	_Z19qt_xget_readonly_gcib [qt-mt]
_Z20qt_tryComposeUnicodeP7QWi dgetP9QKeyEvent [qt-mt]	_Z21qInitNetworkProtocolsv [qt-mt]
_Z21qt_dispatchAccelEventP7QWid getP9QKeyEvent [qt-mt]	_Z21qt_dispatchEnterLeaveP7QWid getS0_ [qt-mt]
_Z21qt_x11_enforce_cursorP7QWid get [qt-mt]	_Z23qt_set_x11_event_filterPFiP7_X EventE [qt-mt]
_Z24qInstallPathTranslationsv [qt-mt]	_Z24qt_setAccelAutoShortcutsb [qt-mt]
_Z25qSuppressObsoleteWarningsb [qt-mt]	_Z26qt_wait_for_window_managerP 7QWidget [qt-mt]
_Z28qt_get_application_thread_idv [qt-mt]	_Z28qt_set_table_clipper_enabledb [qt-mt]

_Z2wsR11QTextStream [qt-mt]	_Z3binR11QTextStream [qt-mt]
_Z3decR11QTextStream [qt-mt]	_Z3hexR11QTextStream [qt-mt]
_Z3octR11QTextStream [qt-mt]	_Z4endlR11QTextStream [qt-mt]
_Z5debugPKcz [qt-mt]	_Z5fatalPKcz [qt-mt]
_Z5flushR11QTextStream [qt-mt]	_Z5resetR11QTextStream [qt-mt]
_Z6bitBltP12QPaintDeviceiiPK6QImageiiiii [qt-mt]	_Z6bitBltP12QPaintDeviceiiPKS_iiiiN2Qt8RasterOpEb [qt-mt]
_Z6bitBltP6QImageiiPKS_iiiii [qt-mt]	_Z6qDebugPKcz [qt-mt]
_Z6qFatalPKcz [qt-mt]	_Z7copyBltP7QPixmapiiPKS_iiii [qt-mt]
_Z7qstrdupPKc [qt-mt]	_Z7warningPKcz [qt-mt]
_Z8qAppNamev [qt-mt]	_Z8qSysInfoPiPb [qt-mt]
_Z8qVersionv [qt-mt]	_Z8qWarningPKcz [qt-mt]
_Z8qmemmovePvPKvj [qt-mt]	_Z8qstricmpPKcS0_ [qt-mt]
_Z8qstrncpyPcPKcj [qt-mt]	_Z9qAppClassv [qt-mt]
_Z9qChecksumPKcj [qt-mt]	_Z9qCompressPKhi [qt-mt]
_Z9qDrawItemP8QPainterN2Qt8GUIStyleEiiiiiRK11QColorGroupbPK7QPixmapRK7QStringiPK6QColor [qt-mt]	_Z9qGeomCalcR9QMemArrayI13QLayoutStructEiiiii [qt-mt]
_Z9qItemRectP8QPainterN2Qt8GUIStyleEiiiiibPK7QPixmapRK7QStringi [qt-mt]	_Z9qObsoletePKc [qt-mt]
Z9qObsoletePKcS0 [qt-mt]	_Z9qObsoletePKcS0_S0_ [qt-mt]
_Z9qstrnicmpPKcS0_j [qt-mt]	_ZanRK9QBitArrayS1_ [qt-mt]
ZeoRK9QBitArrayS1 [qt-mt]	_ZeqPKcRK7QString [qt-mt]
ZeqRK5QRectS1 [qt-mt]	_ZeqRK7QStringPKc [qt-mt]
ZeqRK7QStringS1 [qt-mt]	_ZeqRK9QGLFormatS1_ [qt-mt]
_ZgePKcRK7QString [qt-mt]	_ZgeRK7QStringPKc [qt-mt]
ZgeRK7QStringS1 [qt-mt]	_ZgtRK7QStringPKc [qt-mt]
ZgtRK7QStringS1 [qt-mt]	_ZlePKcRK7QString [qt-mt]
_ZleRK7QStringPKc [qt-mt]	_ZleRK7QStringS1_ [qt-mt]
_ZlsR11QDataStreamN8QVariant4TypeE [qt-mt]	_ZlsR11QDataStreamRK11QColorGroup [qt-mt]
_ZlsR11QDataStreamRK11QPointArray [qt-mt]	_ZlsR11QDataStreamRK11QStringList [qt-mt]
_ZlsR11QDataStreamRK12QKeySequence [qt-mt]	_ZlsR11QDataStreamRK4QPen [qt-mt]
_ZlsR11QDataStreamRK5QDate [qt-mt]	_ZlsR11QDataStreamRK5QFont [qt-mt]
_ZlsR11QDataStreamRK5QRect [qt-mt]	_ZlsR11QDataStreamRK5QSize [qt-mt]
_ZlsR11QDataStreamRK5QTime [qt-	_ZlsR11QDataStreamRK5QUuid [qt-

 © 2008 Linux Foundation

mt]	mt]
_ZlsR11QDataStreamRK6QBrush [qt-mt]	_ZlsR11QDataStreamRK6QColor [qt-mt]
_ZlsR11QDataStreamRK6QGList [qt-mt]	_ZlsR11QDataStreamRK6QImage [qt-mt]
_ZlsR11QDataStreamRK6QPoint [qt-mt]	_ZlsR11QDataStreamRK7QCursor [qt-mt]
_ZlsR11QDataStreamRK7QPixmap [qt-mt]	_ZlsR11QDataStreamRK7QRegion [qt-mt]
_ZlsR11QDataStreamRK7QString [qt-mt]	_ZlsR11QDataStreamRK8QCString [qt-mt]
_ZlsR11QDataStreamRK8QGVector [qt-mt]	_ZlsR11QDataStreamRK8QPalette [qt-mt]
_ZlsR11QDataStreamRK8QPicture [qt-mt]	_ZlsR11QDataStreamRK8QVariant [qt-mt]
_ZlsR11QDataStreamRK8QWMatrix [qt-mt]	_ZlsR11QDataStreamRK9QBitArray [qt-mt]
_ZlsR11QDataStreamRK9QDateTime [qt-mt]	_ZlsR11QDataStreamRK9QMemArrayIcE [qt-mt]
_ZlsR11QTextStreamRK11QMainWindow [qt-mt]	_ZlsR11QTextStreamRK8QDomNode [qt-mt]
_ZlsR11QTextStreamRK9QDockArea [qt-mt]	_ZlsR11QTextStreamRK9QSplitter [qt-mt]
_ZltPKcRK7QString [qt-mt]	_ZltRK7QStringPKc [qt-mt]
ZltRK7QStringS1 [qt-mt]	_ZmlRK8QWMatrixS1_ [qt-mt]
_ZnePKcRK7QString [qt-mt]	_ZneRK5QRectS1_ [qt-mt]
_ZneRK7QStringPKc [qt-mt]	_ZneRK7QStringS1_ [qt-mt]
ZneRK9QGLFormatS1 [qt-mt]	_ZorRK9QBitArrayS1_ [qt-mt]
_ZrsR11QDataStreamR11QColorGroup [qt-mt]	_ZrsR11QDataStreamR11QPointArray [qt-mt]
_ZrsR11QDataStreamR11QStringList [qt-mt]	_ZrsR11QDataStreamR12QKeySequence [qt-mt]
_ZrsR11QDataStreamR4QPen [qt-mt]	_ZrsR11QDataStreamR5QDate [qt-mt]
_ZrsR11QDataStreamR5QFont [qt-mt]	_ZrsR11QDataStreamR5QRect [qt-mt]
_ZrsR11QDataStreamR5QSize [qt-mt]	_ZrsR11QDataStreamR5QTime [qt-mt]
_ZrsR11QDataStreamR5QUuid [qt-mt]	_ZrsR11QDataStreamR6QBrush [qt-mt]
_ZrsR11QDataStreamR6QColor [qt-mt]	_ZrsR11QDataStreamR6QGList [qt-mt]
_ZrsR11QDataStreamR6QImage [qt-mt]	_ZrsR11QDataStreamR6QPoint [qt-mt]
_ZrsR11QDataStreamR7QCursor [qt-	_ZrsR11QDataStreamR7QPixmap

mt]	[qt-mt]
_ZrsR11QDataStreamR7QRegion [qt-mt]	_ZrsR11QDataStreamR7QString [qt-mt]
_ZrsR11QDataStreamR8QCString [qt-mt]	_ZrsR11QDataStreamR8QGVector [qt-mt]
_ZrsR11QDataStreamR8QPalette [qt-mt]	_ZrsR11QDataStreamR8QPicture [qt-mt]
_ZrsR11QDataStreamR8QVariant [qt-mt]	_ZrsR11QDataStreamR8QWMatrix [qt-mt]
_ZrsR11QDataStreamR9QBitArray [qt-mt]	_ZrsR11QDataStreamR9QDateTime [qt-mt]
_ZrsR11QDataStreamR9QMemArrayIcE [qt-mt]	_ZrsR11QDataStreamRN8QVariant4TypeE [qt-mt]
_ZrsR11QTextStreamR11QMainWindow [qt-mt]	_ZrsR11QTextStreamR9QDockArea [qt-mt]
_ZrsR11QTextStreamR9QSplitter [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt specified in Table 18-5, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-5 libqt-mt - Qt Data Interfaces

TID_QUType_Null [qt-mt]	TID_QUType_bool [qt-mt]
TID_QUType_charstar [qt-mt]	TID_QUType_double [qt-mt]
TID_QUType_enum [qt-mt]	TID_QUType_idisp [qt-mt]
TID_QUType_iface [qt-mt]	TID_QUType_int [qt-mt]
TID_QUType_ptr [qt-mt]	TID_QUType_varptr [qt-mt]
_ZN2Qt10busyCursorE [qt-mt]	_ZN2Qt10darkYellowE [qt-mt]
_ZN2Qt10waitCursorE [qt-mt]	_ZN2Qt11arrowCursorE [qt-mt]
_ZN2Qt11blankCursorE [qt-mt]	_ZN2Qt11crossCursorE [qt-mt]
_ZN2Qt11darkMagentaE [qt-mt]	_ZN2Qt11ibeamCursorE [qt-mt]
_ZN2Qt12splitHCursorE [qt-mt]	_ZN2Qt12splitVCursorE [qt-mt]
_ZN2Qt13sizeAllCursorE [qt-mt]	_ZN2Qt13sizeHorCursorE [qt-mt]
_ZN2Qt13sizeVerCursorE [qt-mt]	_ZN2Qt13upArrowCursorE [qt-mt]
_ZN2Qt15forbiddenCursorE [qt-mt]	_ZN2Qt15sizeBDiagCursorE [qt-mt]
_ZN2Qt15sizeFDiagCursorE [qt-mt]	_ZN2Qt15whatsThisCursorE [qt-mt]
_ZN2Qt18pointingHandCursorE [qt-mt]	_ZN2Qt3redE [qt-mt]
_ZN2Qt4blueE [qt-mt]	_ZN2Qt4cyanE [qt-mt]
_ZN2Qt4grayE [qt-mt]	_ZN2Qt5blackE [qt-mt]
_ZN2Qt5greenE [qt-mt]	_ZN2Qt5whiteE [qt-mt]
_ZN2Qt6color0E [qt-mt]	_ZN2Qt6color1E [qt-mt]
_ZN2Qt6yellowE [qt-mt]	_ZN2Qt7darkRedE [qt-mt]

 © 2008 Linux Foundation

_ZN2Qt7magentaE [qt-mt]	_ZN2Qt8darkBlueE [qt-mt]
_ZN2Qt8darkCyanE [qt-mt]	_ZN2Qt8darkGrayE [qt-mt]
_ZN2Qt9darkGreenE [qt-mt]	_ZN2Qt9lightGrayE [qt-mt]
_ZTI11QMemberDict [CXXABI]	_ZTI14QPostEventList [CXXABI]
_ZTI17QLibraryInterface [CXXABI]	_ZTI17QUnknownInterface [CXXABI]
_ZTI21QFeatureListInterface [CXXABI]	_ZTI21QImageFormatInterface [CXXABI]
_ZTI22QStyleFactoryInterface [CXXABI]	_ZTI26QSqlDriverFactoryInterface [CXXABI]
_ZTI26QTextCodecFactoryInterface [CXXABI]	_ZTI27QNetworkProtocolFactoryBase [CXXABI]
_ZTV11QMemberDict [CXXABI]	_ZTV14QPostEventList [CXXABI]
_ZTV17QLibraryInterface [CXXABI]	_ZTV17QUnknownInterface [CXXABI]
_ZTV21QFeatureListInterface [CXXABI]	_ZTV21QImageFormatInterface [CXXABI]
_ZTV22QStyleFactoryInterface [CXXABI]	_ZTV26QSqlDriverFactoryInterface [CXXABI]
_ZTV26QTextCodecFactoryInterface [CXXABI]	_ZTV27QNetworkProtocolFactoryBase [CXXABI]
qApp [qt-mt]	qNetworkProtocolRegister [qt-mt]
qt_global_mutexpool [qt-mt]	qt_has_xft [qt-mt]
qt_preliminary_signal_spy [qt-mt]	qt_qheader_label_return_null_strings [qt-mt]
qt_resolve_symlinks [qt-mt]	qt_sm_client_id [qt-mt]
qt_tab_all_widgets [qt-mt]	qt_use_native_dialogs [qt-mt]
qt_use_xrender [qt-mt]	qt_window_role [qt-mt]
qt_wm_delete_window [qt-mt]	qt_wm_protocols [qt-mt]
qt_wm_state [qt-mt]	qt_wm_take_focus [qt-mt]
qt_x_time [qt-mt]	qt_x_user_time [qt-mt]
static_QUType_Null [qt-mt]	static_QUType_QString [qt-mt]
static_QUType_QVariant [qt-mt]	static_QUType_bool [qt-mt]
static_QUType_charstar [qt-mt]	static_QUType_double [qt-mt]
static_QUType_enum [qt-mt]	static_QUType_idisp [qt-mt]
static_QUType_iface [qt-mt]	static_QUType_int [qt-mt]
static_QUType_ptr [qt-mt]	static_QUType_varptr [qt-mt]

18.2.2 Qt3 Arrays

18.2.2.1 Class data for QPointArray

The virtual table for the QPointArray class is described by Table 18-6

Table 18-6 Primary vtable for QPointArray

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPointArray
vfunc[0]:	NULL or QPointArray::~QPointArray()
vfunc[1]:	NULL or QPointArray::~QPointArray()
vfunc[2]:	NULL or QMemArray<QPoint>::detach()
vfunc[3]:	QGArray::newData()
vfunc[4]:	QGArray::deleteData(QGArray::array_data*)

The Run Time Type Information for the QPointArray class is described by Table 18-7

Table 18-7 typeinfo for QPointArray

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPointArray
basetype:	typeinfo for QMemArray<QPoint>

18.2.2.2 Class data for QBitArray

The virtual table for the QBitArray class is described by Table 18-8

Table 18-8 Primary vtable for QBitArray

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QBitArray
vfunc[0]:	NULL or QBitArray::~QBitArray()
vfunc[1]:	NULL or QBitArray::~QBitArray()
vfunc[2]:	QBitArray::detach()
vfunc[3]:	NULL or QBitArray::newData()
vfunc[4]:	NULL or QBitArray::deleteData(QGArray::array_data*)

The Run Time Type Information for the QBitArray class is described by Table 18-9

Table 18-9 typeinfo for QBitArray

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QBitArray
basetype:	typeinfo for QMemArray<char>

 © 2008 Linux Foundation

18.2.2.3 Interfaces for Qt3 Arrays

An LSB conforming implementation shall provide the generic functions for Qt3 Arrays specified in Table 18-10, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-10 libqt-mt - Qt3 Arrays Function Interfaces

_ZN11QPointArray11makeEllipseEiiii [qt-mt]	_ZN11QPointArray12cleanBuffersEv [qt-mt]
_ZN11QPointArray7makeArcEiiiiii [qt-mt]	_ZN11QPointArray7makeArcEiiiiiiRK8QWMatrix [qt-mt]
_ZN11QPointArray8setPointEjii [qt-mt]	_ZN11QPointArray9putPointsEiiPKi [qt-mt]
_ZN11QPointArray9putPointsEiiRKS_i [qt-mt]	_ZN11QPointArray9putPointsEiiiiz [qt-mt]
_ZN11QPointArray9setPointsEiPKi [qt-mt]	_ZN11QPointArray9setPointsEiiiz [qt-mt]
_ZN11QPointArray9translateEii [qt-mt]	_ZN11QPointArrayC1ERK5QRectb [qt-mt]
_ZN11QPointArrayC1EiPKi [qt-mt]	_ZN11QPointArrayC2ERK5QRectb [qt-mt]
_ZN11QPointArrayC2EiPKi [qt-mt]	_ZN9QBitArray4fillEbi [qt-mt]
_ZN9QBitArray4pad0Ev [qt-mt]	_ZN9QBitArray6detachEv [qt-mt]
_ZN9QBitArray6resizeEj [qt-mt]	_ZN9QBitArray6setBitEj [qt-mt]
_ZN9QBitArray8clearBitEj [qt-mt]	_ZN9QBitArray9toggleBitEj [qt-mt]
_ZN9QBitArrayC1Ej [qt-mt]	_ZN9QBitArrayC1Ev [qt-mt]
_ZN9QBitArrayC2Ej [qt-mt]	_ZN9QBitArrayC2Ev [qt-mt]
ZN9QBitArrayaNERKS [qt-mt]	_ZN9QBitArrayeOERKS_ [qt-mt]
ZN9QBitArrayoRERKS [qt-mt]	_ZNK11QPointArray11cubicBezierEv [qt-mt]
_ZNK11QPointArray11shortPointsEii [qt-mt]	_ZNK11QPointArray12boundingRectEv [qt-mt]
_ZNK11QPointArray5pointEj [qt-mt]	_ZNK11QPointArray5pointEjPiS0_ [qt-mt]
_ZNK9QBitArray4copyEv [qt-mt]	_ZNK9QBitArray7testBitEj [qt-mt]
_ZNK9QBitArraycoEv [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Arrays specified in Table 18-11, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-11 libqt-mt - Qt3 Arrays Data Interfaces

_ZN11QPointArray2spE [qt-mt]	_ZN11QPointArray5splenE [qt-mt]
_ZTI11QPointArray [CXXABI]	_ZTI9QBitArray [CXXABI]
_ZTV11QPointArray [CXXABI]	_ZTV9QBitArray [CXXABI]

18.2.3 Qt3 Pointer Collection

18.2.3.1 Class data for QPtrCollection

The virtual table for the QPtrCollection class is described by Table 18-12

Table 18-12 Primary vtable for QPtrCollection

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPtrCollection
vfunc[0]:	__cxa_pure_virtual
vfunc[1]:	__cxa_pure_virtual
vfunc[2]:	NULL or QPtrCollection::~QPtrCollection()
vfunc[3]:	NULL or QPtrCollection::~QPtrCollection()
vfunc[4]:	QPtrCollection::newItem(void*)
vfunc[5]:	__cxa_pure_virtual

The Run Time Type Information for the QPtrCollection class is described by Table 18-13

Table 18-13 typeinfo for QPtrCollection

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QPtrCollection

18.2.3.2 Class data for QObjectList

The virtual table for the QObjectList class is described by Table 18-14

Table 18-14 Primary vtable for QObjectList

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QObjectList
vfunc[0]:	NULL or QPtrList<QObject>::count() const
vfunc[1]:	NULL or QPtrList<QObject>::clear()
vfunc[2]:	NULL or QObjectList::~QObjectList()
vfunc[3]:	NULL or QObjectList::~QObjectList()
vfunc[4]:	QPtrCollection::newItem(void*)
vfunc[5]:	NULL or QPtrList<QObject>::deleteItem(void *)
vfunc[6]:	QGList::compareItems(void*, void*)

 © 2008 Linux Foundation

vfunc[7]:	QGList::read(QDataStream&, void*&)
vfunc[8]:	QGList::write(QDataStream&, void*) const

The Run Time Type Information for the QObjectList class is described by Table 18-15

Table 18-15 typeinfo for QObjectList

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QObjectList
basetype:	typeinfo for QPtrList<QObject>

18.2.3.3 Interfaces for Qt3 Pointer Collection

An LSB conforming implementation shall provide the generic functions for Qt3 Pointer Collection specified in Table 18-16, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-16 libqt-mt - Qt3 Pointer Collection Function Interfaces

_ZN14QPtrCollection7newItemEPv [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Pointer Collection specified in Table 18-17, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-17 libqt-mt - Qt3 Pointer Collection Data Interfaces

_ZTI11QObjectList [CXXABI]	_ZTI14QPtrCollection [CXXABI]
_ZTV11QObjectList [CXXABI]	_ZTV14QPtrCollection [CXXABI]

18.2.4 Qt3 Template Library

18.2.4.1 Interfaces for Qt3 Template Library

An LSB conforming implementation shall provide the generic functions for Qt3 Template Library specified in Table 18-18, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-18 libqt-mt - Qt3 Template Library Function Interfaces

ZN15QMapPrivateBase10rotateLeftEP12QMapNodeBaseRS1 [qt-mt]	_ZN15QMapPrivateBase11rotateRightEP12QMapNodeBaseRS1_ [qt-mt]
_ZN15QMapPrivateBase18removeAndRebalanceEP12QMapNodeBaseRS1_S2_S2_ [qt-mt]	_ZN15QMapPrivateBase9rebalanceEP12QMapNodeBaseRS1_ [qt-mt]

18.2.5 Qt3 COM

18.2.5.1 Interfaces for Qt3 COM

An LSB conforming implementation shall provide the generic functions for Qt3

COM specified in Table 18-19, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-19 libqt-mt - Qt3 COM Function Interfaces

_ZN10QUType_int11convertFromEP8QUObjectP6QUType [qt-mt]	_ZN10QUType_int11serializeToEP8QUObjectP8QUBuffer [qt-mt]
_ZN10QUType_int12canConvertToEP8QUObjectP6QUType [qt-mt]	_ZN10QUType_int13serializeFromEP8QUObjectP8QUBuffer [qt-mt]
_ZN10QUType_int14canConvertFromEP8QUObjectP6QUType [qt-mt]	_ZN10QUType_int3setEP8QUObjecti [qt-mt]
_ZN10QUType_int9convertToEP8QUObjectP6QUType [qt-mt]	_ZN10QUType_ptr11convertFromEP8QUObjectP6QUType [qt-mt]
_ZN10QUType_ptr11serializeToEP8QUObjectP8QUBuffer [qt-mt]	_ZN10QUType_ptr12canConvertToEP8QUObjectP6QUType [qt-mt]
_ZN10QUType_ptr13serializeFromEP8QUObjectP8QUBuffer [qt-mt]	_ZN10QUType_ptr14canConvertFromEP8QUObjectP6QUType [qt-mt]
_ZN10QUType_ptr3setEP8QUObjectPKv [qt-mt]	_ZN10QUType_ptr9convertToEP8QUObjectP6QUType [qt-mt]
_ZN11QUType_Null11convertFromEP8QUObjectP6QUType [qt-mt]	_ZN11QUType_Null11serializeToEP8QUObjectP8QUBuffer [qt-mt]
_ZN11QUType_Null12canConvertToEP8QUObjectP6QUType [qt-mt]	_ZN11QUType_Null13serializeFromEP8QUObjectP8QUBuffer [qt-mt]
_ZN11QUType_Null14canConvertFromEP8QUObjectP6QUType [qt-mt]	_ZN11QUType_Null5clearEP8QUObject [qt-mt]
_ZN11QUType_Null9convertToEP8QUObjectP6QUType [qt-mt]	_ZN11QUType_bool11convertFromEP8QUObjectP6QUType [qt-mt]
_ZN11QUType_bool11serializeToEP8QUObjectP8QUBuffer [qt-mt]	_ZN11QUType_bool12canConvertToEP8QUObjectP6QUType [qt-mt]
_ZN11QUType_bool13serializeFromEP8QUObjectP8QUBuffer [qt-mt]	_ZN11QUType_bool14canConvertFromEP8QUObjectP6QUType [qt-mt]
_ZN11QUType_bool3setEP8QUObjectb [qt-mt]	_ZN11QUType_bool9convertToEP8QUObjectP6QUType [qt-mt]
_ZN11QUType_enum11convertFromEP8QUObjectP6QUType [qt-mt]	_ZN11QUType_enum11serializeToEP8QUObjectP8QUBuffer [qt-mt]
_ZN11QUType_enum12canConvertToEP8QUObjectP6QUType [qt-mt]	_ZN11QUType_enum13serializeFromEP8QUObjectP8QUBuffer [qt-mt]
_ZN11QUType_enum14canConvertFromEP8QUObjectP6QUType [qt-mt]	_ZN11QUType_enum3setEP8QUObjecti [qt-mt]
_ZN11QUType_enum9convertToEP8QUObjectP6QUType [qt-mt]	_ZN12QUType_idisp11convertFromEP8QUObjectP6QUType [qt-mt]
_ZN12QUType_idisp11serializeToEP8QUObjectP8QUBuffer [qt-mt]	_ZN12QUType_idisp12canConvertToEP8QUObjectP6QUType [qt-mt]
_ZN12QUType_idisp13serializeFromEP8QUObjectP8QUBuffer [qt-mt]	_ZN12QUType_idisp14canConvertFromEP8QUObjectP6QUType [qt-mt]
_ZN12QUType_idisp3setEP8QUObj	_ZN12QUType_idisp9convertToEP8

 © 2008 Linux Foundation

ectP18QDispatchInterface [qt-mt]	QUObjectP6QUType [qt-mt]
_ZN12QUType_iface11convertFrom EP8QUObjectP6QUType [qt-mt]	_ZN12QUType_iface11serializeToEP 8QUObjectP8QUBuffer [qt-mt]
_ZN12QUType_iface12canConvertT oEP8QUObjectP6QUType [qt-mt]	_ZN12QUType_iface13serializeFrom EP8QUObjectP8QUBuffer [qt-mt]
_ZN12QUType_iface14canConvertFr omEP8QUObjectP6QUType [qt-mt]	_ZN12QUType_iface3setEP8QUObje ctP17QUnknownInterface [qt-mt]
_ZN12QUType_iface9convertToEP8 QUObjectP6QUType [qt-mt]	_ZN13QUType_double11convertFro mEP8QUObjectP6QUType [qt-mt]
_ZN13QUType_double11serializeTo EP8QUObjectP8QUBuffer [qt-mt]	_ZN13QUType_double12canConver tToEP8QUObjectP6QUType [qt-mt]
_ZN13QUType_double13serializeFr omEP8QUObjectP8QUBuffer [qt-mt]	_ZN13QUType_double14canConver tFromEP8QUObjectP6QUType [qt-mt]
_ZN13QUType_double3setEP8QUO bjectd [qt-mt]	_ZN13QUType_double9convertToE P8QUObjectP6QUType [qt-mt]
_ZN13QUType_varptr11convertFro mEP8QUObjectP6QUType [qt-mt]	_ZN13QUType_varptr11serializeTo EP8QUObjectP8QUBuffer [qt-mt]
_ZN13QUType_varptr12canConvert ToEP8QUObjectP6QUType [qt-mt]	_ZN13QUType_varptr13serializeFro mEP8QUObjectP8QUBuffer [qt-mt]
_ZN13QUType_varptr14canConvert FromEP8QUObjectP6QUType [qt-mt]	_ZN13QUType_varptr3setEP8QUOb jectPKv [qt-mt]
_ZN13QUType_varptr9convertToEP 8QUObjectP6QUType [qt-mt]	_ZN14QUType_QString11convertFr omEP8QUObjectP6QUType [qt-mt]
_ZN14QUType_QString11serializeT oEP8QUObjectP8QUBuffer [qt-mt]	_ZN14QUType_QString12canConve rtToEP8QUObjectP6QUType [qt-mt]
_ZN14QUType_QString13serializeFr omEP8QUObjectP8QUBuffer [qt-mt]	_ZN14QUType_QString14canConve rtFromEP8QUObjectP6QUType [qt-mt]
_ZN14QUType_QString3setEP8QU ObjectRK7QString [qt-mt]	_ZN14QUType_QString5clearEP8Q UObject [qt-mt]
_ZN14QUType_QString9convertToE P8QUObjectP6QUType [qt-mt]	_ZN15QUType_QVariant11convertF romEP8QUObjectP6QUType [qt-mt]
_ZN15QUType_QVariant11serialize ToEP8QUObjectP8QUBuffer [qt-mt]	_ZN15QUType_QVariant12canConv ertToEP8QUObjectP6QUType [qt-mt]
_ZN15QUType_QVariant13serialize FromEP8QUObjectP8QUBuffer [qt-mt]	_ZN15QUType_QVariant14canConv ertFromEP8QUObjectP6QUType [qt-mt]
_ZN15QUType_QVariant3getEP8Q UObject [qt-mt]	_ZN15QUType_QVariant3setEP8QU ObjectRK8QVariant [qt-mt]
_ZN15QUType_QVariant5clearEP8 QUObject [qt-mt]	_ZN15QUType_QVariant9convertTo EP8QUObjectP6QUType [qt-mt]
_ZN15QUType_charstar11convertFr omEP8QUObjectP6QUType [qt-mt]	_ZN15QUType_charstar11serializeT oEP8QUObjectP8QUBuffer [qt-mt]

_ZN15QUType_charstar12canConvertToEP8QUObjectP6QUType [qt-mt]	_ZN15QUType_charstar13serializeFromEP8QUObjectP8QUBuffer [qt-mt]
_ZN15QUType_charstar14canConvertFromEP8QUObjectP6QUType [qt-mt]	_ZN15QUType_charstar3setEP8QUObjectPKcb [qt-mt]
_ZN15QUType_charstar5clearEP8QUObject [qt-mt]	_ZN15QUType_charstar9convertToEP8QUObjectP6QUType [qt-mt]
_ZN5QUuid10createUuidEv [qt-mt]	_ZN5QUuidC1EPKc [qt-mt]
_ZN5QUuidC1ERK7QString [qt-mt]	_ZN5QUuidC2EPKc [qt-mt]
_ZN5QUuidC2ERK7QString [qt-mt]	_ZNK10QUType_int4descEv [qt-mt]
_ZNK10QUType_int4uuidEv [qt-mt]	_ZNK10QUType_ptr4descEv [qt-mt]
_ZNK10QUType_ptr4uuidEv [qt-mt]	_ZNK11QUType_Null4descEv [qt-mt]
_ZNK11QUType_Null4uuidEv [qt-mt]	_ZNK11QUType_bool4descEv [qt-mt]
_ZNK11QUType_bool4uuidEv [qt-mt]	_ZNK11QUType_enum4descEv [qt-mt]
_ZNK11QUType_enum4uuidEv [qt-mt]	_ZNK12QUType_idisp4descEv [qt-mt]
_ZNK12QUType_idisp4uuidEv [qt-mt]	_ZNK12QUType_iface4descEv [qt-mt]
_ZNK12QUType_iface4uuidEv [qt-mt]	_ZNK13QUType_double4descEv [qt-mt]
_ZNK13QUType_double4uuidEv [qt-mt]	_ZNK13QUType_varptr4descEv [qt-mt]
_ZNK13QUType_varptr4uuidEv [qt-mt]	_ZNK14QUType_QString4descEv [qt-mt]
_ZNK14QUType_QString4uuidEv [qt-mt]	_ZNK15QUType_QVariant4descEv [qt-mt]
_ZNK15QUType_QVariant4uuidEv [qt-mt]	_ZNK15QUType_charstar4descEv [qt-mt]
_ZNK15QUType_charstar4uuidEv [qt-mt]	_ZNK5QUuid6isNullEv [qt-mt]
_ZNK5QUuid7variantEv [qt-mt]	_ZNK5QUuid7versionEv [qt-mt]
_ZNK5QUuid8toStringEv [qt-mt]	_ZNK5QUuidgtERKS_ [qt-mt]
ZNK5QUuidltERKS [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 COM specified in Table 18-20, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-20 libqt-mt - Qt3 COM Data Interfaces

_ZTI10QUType_int [CXXABI]	_ZTI10QUType_ptr [CXXABI]
_ZTI11QUType_Null [CXXABI]	_ZTI11QUType_bool [CXXABI]
_ZTI11QUType_enum [CXXABI]	_ZTI12QUType_idisp [CXXABI]

 © 2008 Linux Foundation

_ZTI12QUType_iface [CXXABI]	_ZTI13QUType_double [CXXABI]
_ZTI13QUType_varptr [CXXABI]	_ZTI14QUType_QString [CXXABI]
_ZTI15QUType_QVariant [CXXABI]	_ZTI15QUType_charstar [CXXABI]
_ZTI6QUType [CXXABI]	_ZTV10QUType_int [CXXABI]
_ZTV10QUType_ptr [CXXABI]	_ZTV11QUType_Null [CXXABI]
_ZTV11QUType_bool [CXXABI]	_ZTV11QUType_enum [CXXABI]
_ZTV12QUType_idisp [CXXABI]	_ZTV12QUType_iface [CXXABI]
_ZTV13QUType_double [CXXABI]	_ZTV13QUType_varptr [CXXABI]
_ZTV14QUType_QString [CXXABI]	_ZTV15QUType_QVariant [CXXABI]
_ZTV15QUType_charstar [CXXABI]	_ZTV6QUType [CXXABI]

18.2.6 Qt3 Date and Time

18.2.6.1 Class data for QTimer

The virtual table for the QTimer class is described by Table 18-21

Table 18-21 Primary vtable for QTimer

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTimer
vfunc[0]:	NULL or QTimer::metaObject() const
vfunc[1]:	QTimer::className() const
vfunc[2]:	QTimer::qt_cast(char const*)
vfunc[3]:	QTimer::qt_invoke(int, QUObject*)
vfunc[4]:	QTimer::qt_emit(int, QUObject*)
vfunc[5]:	QTimer::qt_property(int, int, QVariant*)
vfunc[6]:	QTimer::~QTimer()
vfunc[7]:	QTimer::~QTimer()
vfunc[8]:	QTimer::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)

vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QTimer class is described by Table 18-22

Table 18-22 typeinfo for QTimer

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTimer
basetype:	typeinfo for QObject

18.2.6.2 Class data for QDateTimeEdit

The virtual table for the QDateTimeEdit class is described by Table 18-23

Table 18-23 Primary vtable for QDateTimeEdit

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDateTimeEdit
vfunc[0]:	NULL or QDateTimeEdit::metaObject() const
vfunc[1]:	QDateTimeEdit::className() const
vfunc[2]:	QDateTimeEdit::qt_cast(char const*)
vfunc[3]:	QDateTimeEdit::qt_invoke(int, QUObject*)
vfunc[4]:	QDateTimeEdit::qt_emit(int, QUObject*)
vfunc[5]:	QDateTimeEdit::qt_property(int, int, QVariant*)
vfunc[6]:	QDateTimeEdit::~QDateTimeEdit()
vfunc[7]:	QDateTimeEdit::~QDateTimeEdit()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)

© 2008 Linux Foundation

vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)

vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDateTimeEdit::sizeHint() const
vfunc[59]:	QDateTimeEdit::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)

 © 2008 Linux Foundation

vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDateTimeEdit::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)

vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDateTimeEdit::setDateTime(QDateTime const&)
vfunc[111]:	QDateTimeEdit::setAutoAdvance(bool)

The Run Time Type Information for the QDateTimeEdit class is described by Table 18-24

Table 18-24 typeinfo for QDateTimeEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDateTimeEdit
basetype:	typeinfo for QWidget

18.2.6.3 Class data for QDateTimeEditBase

The virtual table for the QDateTimeEditBase class is described by Table 18-25

Table 18-25 Primary vtable for QDateTimeEditBase

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDateTimeEditBase
vfunc[0]:	NULL or QDateTimeEditBase::metaObject() const
vfunc[1]:	QDateTimeEditBase::className() const
vfunc[2]:	QDateTimeEditBase::qt_cast(char const*)
vfunc[3]:	QDateTimeEditBase::qt_invoke(int, QUObject*)
vfunc[4]:	QDateTimeEditBase::qt_emit(int, QUObject*)
vfunc[5]:	QDateTimeEditBase::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QDateTimeEditBase::~QDateTimeEditBase()
vfunc[7]:	NULL or

© 2008 Linux Foundation

	QDateTimeEditBase::~QDateTimeEditBase()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QCol

	or const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidget::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const

 © 2008 Linux Foundation

vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)

© 2008 Linux Foundation

vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	__cxa_pure_virtual
vfunc[111]:	__cxa_pure_virtual
vfunc[112]:	__cxa_pure_virtual
vfunc[113]:	__cxa_pure_virtual
vfunc[114]:	__cxa_pure_virtual
vfunc[115]:	__cxa_pure_virtual

The Run Time Type Information for the QDateTimeEditBase class is described by Table 18-26

Table 18-26 typeinfo for QDateTimeEditBase

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDateTimeEditBase
basetype:	typeinfo for QWidget

18.2.6.4 Class data for QDateEdit

The virtual table for the QDateEdit class is described by Table 18-27

Table 18-27 Primary vtable for QDateEdit

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDateEdit

 © 2008 Linux Foundation

vfunc[0]:	NULL or QDateEdit::metaObject() const
vfunc[1]:	QDateEdit::className() const
vfunc[2]:	QDateEdit::qt_cast(char const*)
vfunc[3]:	QDateEdit::qt_invoke(int, QUObject*)
vfunc[4]:	QDateEdit::qt_emit(int, QUObject*)
vfunc[5]:	QDateEdit::qt_property(int, int, QVariant*)
vfunc[6]:	QDateEdit::~QDateEdit()
vfunc[7]:	QDateEdit::~QDateEdit()
vfunc[8]:	QDateEdit::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QDateEdit::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColo

	r(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDateEdit::sizeHint() const
vfunc[59]:	QDateEdit::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const

 © 2008 Linux Foundation

vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDateEdit::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)

vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDateEdit::setFocusSection(int)
vfunc[111]:	QDateEdit::sectionFormattedText(int)
vfunc[112]:	QDateEdit::addNumber(int, int)
vfunc[113]:	QDateEdit::removeLastNumber(int)
vfunc[114]:	QDateEdit::stepUp()
vfunc[115]:	QDateEdit::stepDown()
vfunc[116]:	QDateEdit::setDate(QDate const&)
vfunc[117]:	QDateEdit::setOrder(QDateEdit::Order)
vfunc[118]:	QDateEdit::setAutoAdvance(bool)
vfunc[119]:	NULL or

© 2008 Linux Foundation

	QDateEdit::setMinValue(QDate const&)
vfunc[120]:	NULL or QDateEdit::setMaxValue(QDate const&)
vfunc[121]:	QDateEdit::setRange(QDate const&, QDate const&)
vfunc[122]:	QDateEdit::setSeparator(QString const&)
vfunc[123]:	QDateEdit::setYear(int)
vfunc[124]:	QDateEdit::setMonth(int)
vfunc[125]:	QDateEdit::setDay(int)
vfunc[126]:	QDateEdit::fix()
vfunc[127]:	QDateEdit::outOfRange(int, int, int) const

The Run Time Type Information for the QDateEdit class is described by Table 18-28

Table 18-28 typeinfo for QDateEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDateEdit
basetype:	typeinfo for QDateTimeEditBase

18.2.6.5 Class data for QTimeEdit

The virtual table for the QTimeEdit class is described by Table 18-29

Table 18-29 Primary vtable for QTimeEdit

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTimeEdit
vfunc[0]:	NULL or QTimeEdit::metaObject() const
vfunc[1]:	QTimeEdit::className() const
vfunc[2]:	QTimeEdit::qt_cast(char const*)
vfunc[3]:	QTimeEdit::qt_invoke(int, QUObject*)
vfunc[4]:	QTimeEdit::qt_emit(int, QUObject*)
vfunc[5]:	QTimeEdit::qt_property(int, int, QVariant*)
vfunc[6]:	QTimeEdit::~QTimeEdit()
vfunc[7]:	QTimeEdit::~QTimeEdit()
vfunc[8]:	QTimeEdit::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*,

	QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QTimeEdit::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)

 © 2008 Linux Foundation

vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QTimeEdit::sizeHint() const
vfunc[59]:	QTimeEdit::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)

vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QTimeEdit::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)

© 2008 Linux Foundation

vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QTimeEdit::setFocusSection(int)
vfunc[111]:	QTimeEdit::sectionFormattedText(int)
vfunc[112]:	QTimeEdit::addNumber(int, int)
vfunc[113]:	QTimeEdit::removeLastNumber(int)
vfunc[114]:	QTimeEdit::stepUp()
vfunc[115]:	QTimeEdit::stepDown()
vfunc[116]:	QTimeEdit::setTime(QTime const&)
vfunc[117]:	QTimeEdit::setAutoAdvance(bool)
vfunc[118]:	NULL or QTimeEdit::setMinValue(QTime const&)
vfunc[119]:	NULL or QTimeEdit::setMaxValue(QTime const&)
vfunc[120]:	QTimeEdit::setRange(QTime const&, QTime const&)
vfunc[121]:	QTimeEdit::setSeparator(QString const&)
vfunc[122]:	QTimeEdit::outOfRange(int, int, int) const
vfunc[123]:	QTimeEdit::setHour(int)
vfunc[124]:	QTimeEdit::setMinute(int)
vfunc[125]:	QTimeEdit::setSecond(int)

The Run Time Type Information for the QTimeEdit class is described by Table 18-30

Table 18-30 typeinfo for QTimeEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTimeEdit
basetype:	typeinfo for QDateTimeEditBase

18.2.6.6 Interfaces for Qt3 Date and Time

An LSB conforming implementation shall provide the generic functions for Qt3 Date and Time specified in Table 18-31, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-31 libqt-mt - Qt3 Date and Time Function Interfaces

_ZN13QDateTimeEdit11qt_property EiiP8QVariant [qt-mt]	_ZN13QDateTimeEdit11resizeEvent EP12QResizeEvent [qt-mt]
_ZN13QDateTimeEdit11setDateTim eERK9QDateTime [qt-mt]	_ZN13QDateTimeEdit12valueChang edERK9QDateTime [qt-mt]
_ZN13QDateTimeEdit14setAutoAdv anceEb [qt-mt]	_ZN13QDateTimeEdit16staticMetaO bjectEv [qt-mt]
_ZN13QDateTimeEdit18qt_static_pr opertyEP7QObjectiiP8QVariant [qt-mt]	_ZN13QDateTimeEdit2trEPKcS1_ [qt-mt]
_ZN13QDateTimeEdit4initEv [qt-mt]	_ZN13QDateTimeEdit6trUtf8EPKcS 1_ [qt-mt]
_ZN13QDateTimeEdit7qt_castEPKc [qt-mt]	_ZN13QDateTimeEdit7qt_emitEiP8 QUObject [qt-mt]
_ZN13QDateTimeEdit8newValueER K5QDate [qt-mt]	_ZN13QDateTimeEdit8newValueER K5QTime [qt-mt]
_ZN13QDateTimeEdit9qt_invokeEiP 8QUObject [qt-mt]	_ZN13QDateTimeEditC1EP7QWidg etPKc [qt-mt]
_ZN13QDateTimeEditC1ERK9QDat eTimeP7QWidgetPKc [qt-mt]	_ZN13QDateTimeEditC2EP7QWidg etPKc [qt-mt]
_ZN13QDateTimeEditC2ERK9QDat eTimeP7QWidgetPKc [qt-mt]	_ZN13QDateTimeEditD0Ev [qt-mt]
_ZN13QDateTimeEditD1Ev [qt-mt]	_ZN13QDateTimeEditD2Ev [qt-mt]
_ZN17QDateTimeEditBase11qt_pro pertyEiiP8QVariant [qt-mt]	_ZN17QDateTimeEditBase16staticM etaObjectEv [qt-mt]
_ZN17QDateTimeEditBase18qt_stati c_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN17QDateTimeEditBase2trEPKcS 1_ [qt-mt]
ZN17QDateTimeEditBase6trUtf8EP KcS1 [qt-mt]	_ZN17QDateTimeEditBase7qt_castE PKc [qt-mt]
_ZN17QDateTimeEditBase7qt_emitE iP8QUObject [qt-mt]	_ZN17QDateTimeEditBase9qt_invok eEiP8QUObject [qt-mt]
_ZN5QDate10fromStringERK7QStri	_ZN5QDate11currentDateEN2Qt8Ti

 © 2008 Linux Foundation

ngN2Qt10DateFormatE [qt-mt]	meSpecE [qt-mt]
_ZN5QDate11currentDateEv [qt-mt]	_ZN5QDate11longDayNameEi [qt-mt]
_ZN5QDate12shortDayNameEi [qt-mt]	_ZN5QDate13longMonthNameEi [qt-mt]
_ZN5QDate14shortMonthNameEi [qt-mt]	_ZN5QDate17gregorianToJulianEiii [qt-mt]
_ZN5QDate17julianToGregorianEjRiS0_S0_ [qt-mt]	_ZN5QDate6setYMDEiii [qt-mt]
_ZN5QDate7isValidEiii [qt-mt]	_ZN5QDate8leapYearEi [qt-mt]
_ZN5QDateC1Eiii [qt-mt]	_ZN5QDateC2Eiii [qt-mt]
_ZN5QTime10fromStringERK7QStringN2Qt10DateFormatE [qt-mt]	_ZN5QTime11currentTimeEN2Qt8TimeSpecE [qt-mt]
ZN5QTime11currentTimeEPS [qt-mt]	_ZN5QTime11currentTimeEPS_N2Qt8TimeSpecE [qt-mt]
_ZN5QTime11currentTimeEv [qt-mt]	_ZN5QTime5startEv [qt-mt]
_ZN5QTime6setHMSEiiii [qt-mt]	_ZN5QTime7isValidEiiii [qt-mt]
_ZN5QTime7restartEv [qt-mt]	_ZN5QTimeC1Eiiii [qt-mt]
_ZN5QTimeC2Eiiii [qt-mt]	_ZN6QTimer10singleShotEiP7QObjectPKc [qt-mt]
_ZN6QTimer11qt_propertyEiiP8QVariant [qt-mt]	_ZN6QTimer14changeIntervalEi [qt-mt]
_ZN6QTimer16staticMetaObjectEv [qt-mt]	_ZN6QTimer18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN6QTimer2trEPKcS1 [qt-mt]	_ZN6QTimer4stopEv [qt-mt]
_ZN6QTimer5eventEP6QEvent [qt-mt]	_ZN6QTimer5startEib [qt-mt]
ZN6QTimer6trUtf8EPKcS1 [qt-mt]	_ZN6QTimer7qt_castEPKc [qt-mt]
_ZN6QTimer7qt_emitEiP8QUObject [qt-mt]	_ZN6QTimer7timeoutEv [qt-mt]
_ZN6QTimer9qt_invokeEiP8QUObject [qt-mt]	_ZN6QTimerC1EP7QObjectPKc [qt-mt]
_ZN6QTimerC2EP7QObjectPKc [qt-mt]	_ZN6QTimerD0Ev [qt-mt]
_ZN6QTimerD1Ev [qt-mt]	_ZN6QTimerD2Ev [qt-mt]
_ZN9QDateEdit10timerEventEP11QTimerEvent [qt-mt]	_ZN9QDateEdit11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QDateEdit11resizeEventEP12QResizeEvent [qt-mt]	_ZN9QDateEdit12setSeparatorERK7QString [qt-mt]
_ZN9QDateEdit12valueChangedERK5QDate [qt-mt]	_ZN9QDateEdit13updateButtonsEv [qt-mt]
_ZN9QDateEdit14setAutoAdvanceEb [qt-mt]	_ZN9QDateEdit15setFocusSectionEi [qt-mt]

_ZN9QDateEdit16removeLastNumberEi [qt-mt]	_ZN9QDateEdit16staticMetaObjectEv [qt-mt]
_ZN9QDateEdit17removeFirstNumberEi [qt-mt]	_ZN9QDateEdit18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN9QDateEdit20sectionFormattedTextEi [qt-mt]	_ZN9QDateEdit2trEPKcS1_ [qt-mt]
_ZN9QDateEdit3fixEv [qt-mt]	_ZN9QDateEdit4initEv [qt-mt]
_ZN9QDateEdit5eventEP6QEvent [qt-mt]	_ZN9QDateEdit6setDayEi [qt-mt]
_ZN9QDateEdit6stepUpEv [qt-mt]	_ZN9QDateEdit6trUtf8EPKcS1_ [qt-mt]
_ZN9QDateEdit7qt_castEPKc [qt-mt]	_ZN9QDateEdit7qt_emitEiP8QUObject [qt-mt]
_ZN9QDateEdit7setDateERK5QDate [qt-mt]	_ZN9QDateEdit7setYearEi [qt-mt]
_ZN9QDateEdit8setMonthEi [qt-mt]	_ZN9QDateEdit8setOrderENS_5OrderE [qt-mt]
ZN9QDateEdit8setRangeERK5QDateS2 [qt-mt]	_ZN9QDateEdit8stepDownEv [qt-mt]
_ZN9QDateEdit9addNumberEii [qt-mt]	_ZN9QDateEdit9qt_invokeEiP8QUObject [qt-mt]
_ZN9QDateEditC1EP7QWidgetPKc [qt-mt]	_ZN9QDateEditC1ERK5QDateP7QWidgetPKc [qt-mt]
_ZN9QDateEditC2EP7QWidgetPKc [qt-mt]	_ZN9QDateEditC2ERK5QDateP7QWidgetPKc [qt-mt]
_ZN9QDateEditD0Ev [qt-mt]	_ZN9QDateEditD1Ev [qt-mt]
_ZN9QDateEditD2Ev [qt-mt]	_ZN9QDateTime10fromStringERK7QStringN2Qt10DateFormatE [qt-mt]
_ZN9QDateTime15currentDateTimeEN2Qt8TimeSpecE [qt-mt]	_ZN9QDateTime15currentDateTimeEv [qt-mt]
_ZN9QDateTime9setTime_tEj [qt-mt]	_ZN9QDateTime9setTime_tEjN2Qt8TimeSpecE [qt-mt]
_ZN9QDateTimeC1ERK5QDate [qt-mt]	_ZN9QDateTimeC1ERK5QDateRK5QTime [qt-mt]
_ZN9QDateTimeC2ERK5QDate [qt-mt]	_ZN9QDateTimeC2ERK5QDateRK5QTime [qt-mt]
_ZN9QTimeEdit10setDisplayEj [qt-mt]	_ZN9QTimeEdit10timerEventEP11QTimerEvent [qt-mt]
_ZN9QTimeEdit11qt_propertyEiiP8QVariant [qt-mt]	_ZN9QTimeEdit11resizeEventEP12QResizeEvent [qt-mt]
_ZN9QTimeEdit11sectionTextEi [qt-mt]	_ZN9QTimeEdit12setSeparatorERK7QString [qt-mt]
_ZN9QTimeEdit12valueChangedERK5QTime [qt-mt]	_ZN9QTimeEdit13updateButtonsEv [qt-mt]
_ZN9QTimeEdit14setAutoAdvanceE	_ZN9QTimeEdit15setFocusSectionEi

© 2008 Linux Foundation

b [qt-mt]	[qt-mt]
_ZN9QTimeEdit16removeLastNumberEi [qt-mt]	_ZN9QTimeEdit16staticMetaObjectEv [qt-mt]
_ZN9QTimeEdit17removeFirstNumberEi [qt-mt]	_ZN9QTimeEdit18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN9QTimeEdit20sectionFormattedTextEi [qt-mt]	_ZN9QTimeEdit2trEPKcS1_ [qt-mt]
_ZN9QTimeEdit4initEv [qt-mt]	_ZN9QTimeEdit5eventEP6QEvent [qt-mt]
_ZN9QTimeEdit6stepUpEv [qt-mt]	_ZN9QTimeEdit6trUtf8EPKcS1_ [qt-mt]
_ZN9QTimeEdit7qt_castEPKc [qt-mt]	_ZN9QTimeEdit7qt_emitEiP8QUObject [qt-mt]
_ZN9QTimeEdit7setHourEi [qt-mt]	_ZN9QTimeEdit7setTimeERK5QTime [qt-mt]
ZN9QTimeEdit8setRangeERK5QTimeS2 [qt-mt]	_ZN9QTimeEdit8stepDownEv [qt-mt]
_ZN9QTimeEdit9addNumberEii [qt-mt]	_ZN9QTimeEdit9qt_invokeEiP8QUObject [qt-mt]
_ZN9QTimeEdit9setMinuteEi [qt-mt]	_ZN9QTimeEdit9setSecondEi [qt-mt]
_ZN9QTimeEditC1EP7QWidgetPKc [qt-mt]	_ZN9QTimeEditC1ERK5QTimeP7QWidgetPKc [qt-mt]
_ZN9QTimeEditC2EP7QWidgetPKc [qt-mt]	_ZN9QTimeEditC2ERK5QTimeP7QWidgetPKc [qt-mt]
_ZN9QTimeEditD0Ev [qt-mt]	_ZN9QTimeEditD1Ev [qt-mt]
_ZN9QTimeEditD2Ev [qt-mt]	_ZNK13QDateTimeEdit11autoAdvanceEv [qt-mt]
_ZNK13QDateTimeEdit15minimumSizeHintEv [qt-mt]	_ZNK13QDateTimeEdit8dateTimeEv [qt-mt]
_ZNK13QDateTimeEdit8sizeHintEv [qt-mt]	_ZNK13QDateTimeEdit9classNameEv [qt-mt]
_ZNK17QDateTimeEditBase9classNameEv [qt-mt]	_ZNK5QDate10daysInYearEv [qt-mt]
_ZNK5QDate10weekNumberEPi [qt-mt]	_ZNK5QDate11daysInMonthEv [qt-mt]
_ZNK5QDate3dayEv [qt-mt]	_ZNK5QDate4yearEv [qt-mt]
_ZNK5QDate5monthEv [qt-mt]	_ZNK5QDate6daysToERKS_ [qt-mt]
_ZNK5QDate7addDaysEi [qt-mt]	_ZNK5QDate7isValidEv [qt-mt]
_ZNK5QDate8addYearsEi [qt-mt]	_ZNK5QDate8toStringEN2Qt10DateFormatE [qt-mt]
_ZNK5QDate8toStringERK7QString [qt-mt]	_ZNK5QDate9addMonthsEi [qt-mt]
_ZNK5QDate9dayOfWeekEv [qt-mt]	_ZNK5QDate9dayOfYearEv [qt-mt]
_ZNK5QTime4hourEv [qt-mt]	_ZNK5QTime4msecEv [qt-mt]

_ZNK5QTime6minuteEv [qt-mt]	_ZNK5QTime6secondEv [qt-mt]
ZNK5QTime6secsToERKS [qt-mt]	_ZNK5QTime7addSecsEi [qt-mt]
_ZNK5QTime7elapsedEv [qt-mt]	_ZNK5QTime7isValidEv [qt-mt]
ZNK5QTime7msecsToERKS [qt-mt]	_ZNK5QTime8addMSecsEi [qt-mt]
_ZNK5QTime8toStringEN2Qt10DateFormatE [qt-mt]	_ZNK5QTime8toStringERK7QString [qt-mt]
_ZNK6QTimer9classNameEv [qt-mt]	_ZNK9QDateEdit10outOfRangeEiii [qt-mt]
_ZNK9QDateEdit11autoAdvanceEv [qt-mt]	_ZNK9QDateEdit11sectionTextEi [qt-mt]
_ZNK9QDateEdit13sectionLengthEi [qt-mt]	_ZNK9QDateEdit15minimumSizeHintEv [qt-mt]
_ZNK9QDateEdit16sectionOffsetEndEi [qt-mt]	_ZNK9QDateEdit4dateEv [qt-mt]
_ZNK9QDateEdit5orderEv [qt-mt]	_ZNK9QDateEdit8maxValueEv [qt-mt]
_ZNK9QDateEdit8minValueEv [qt-mt]	_ZNK9QDateEdit8sizeHintEv [qt-mt]
_ZNK9QDateEdit9classNameEv [qt-mt]	_ZNK9QDateEdit9separatorEv [qt-mt]
ZNK9QDateTime6daysToERKS [qt-mt]	_ZNK9QDateTime6secsToERKS_ [qt-mt]
_ZNK9QDateTime7addDaysEi [qt-mt]	_ZNK9QDateTime7addSecsEi [qt-mt]
_ZNK9QDateTime8addYearsEi [qt-mt]	_ZNK9QDateTime8toStringEN2Qt10DateFormatE [qt-mt]
_ZNK9QDateTime8toStringERK7QString [qt-mt]	_ZNK9QDateTime8toTime_tEv [qt-mt]
_ZNK9QDateTime9addMonthsEi [qt-mt]	_ZNK9QDateTimeeqERKS_ [qt-mt]
ZNK9QDateTimegeERKS [qt-mt]	_ZNK9QDateTimegtERKS_ [qt-mt]
ZNK9QDateTimeleERKS [qt-mt]	_ZNK9QDateTimeltERKS_ [qt-mt]
ZNK9QDateTimeneERKS [qt-mt]	_ZNK9QTimeEdit10outOfRangeEiii [qt-mt]
_ZNK9QTimeEdit11autoAdvanceEv [qt-mt]	_ZNK9QTimeEdit15minimumSizeHintEv [qt-mt]
_ZNK9QTimeEdit4timeEv [qt-mt]	_ZNK9QTimeEdit7displayEv [qt-mt]
_ZNK9QTimeEdit8maxValueEv [qt-mt]	_ZNK9QTimeEdit8minValueEv [qt-mt]
_ZNK9QTimeEdit8sizeHintEv [qt-mt]	_ZNK9QTimeEdit9classNameEv [qt-mt]
_ZNK9QTimeEdit9separatorEv [qt-mt]	

 © 2008 Linux Foundation

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Date and Time specified in Table 18-32, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-32 libqt-mt - Qt3 Date and Time Data Interfaces

_ZN13QDateTimeEdit7metaObjE [qt-mt]	_ZN17QDateTimeEditBase7metaObjE [qt-mt]
_ZN6QTimer7metaObjE [qt-mt]	_ZN9QDateEdit7metaObjE [qt-mt]
_ZN9QTimeEdit7metaObjE [qt-mt]	_ZTI13QDateTimeEdit [CXXABI]
_ZTI17QDateTimeEditBase [CXXABI]	_ZTI6QTimer [CXXABI]
_ZTI9QDateEdit [CXXABI]	_ZTI9QTimeEdit [CXXABI]
_ZTV13QDateTimeEdit [CXXABI]	_ZTV17QDateTimeEditBase [CXXABI]
_ZTV6QTimer [CXXABI]	_ZTV9QDateEdit [CXXABI]
_ZTV9QTimeEdit [CXXABI]	

18.2.7 Qt3 Canvas

18.2.7.1 Class data for QCanvasItem

The virtual table for the QCanvasItem class is described by Table 18-33

Table 18-33 Primary vtable for QCanvasItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasItem
vfunc[0]:	QCanvasItem::~QCanvasItem()
vfunc[1]:	QCanvasItem::~QCanvasItem()
vfunc[2]:	QCanvasItem::moveBy(double, double)
vfunc[3]:	QCanvasItem::setAnimated(bool)
vfunc[4]:	QCanvasItem::setVelocity(double, double)
vfunc[5]:	QCanvasItem::advance(int)
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	QCanvasItem::setCanvas(QCanvas*)
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	QCanvasItem::setVisible(bool)
vfunc[10]:	QCanvasItem::setSelected(bool)
vfunc[11]:	QCanvasItem::setEnabled(bool)
vfunc[12]:	QCanvasItem::setActive(bool)
vfunc[13]:	QCanvasItem::rtti() const
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	QCanvasItem::boundingRectAdvanc

	ed() const
vfunc[16]:	QCanvasItem::chunks() const
vfunc[17]:	QCanvasItem::addToChunks()
vfunc[18]:	QCanvasItem::removeFromChunks()
vfunc[19]:	QCanvasItem::changeChunks()
vfunc[20]:	__cxa_pure_virtual

The Run Time Type Information for the QCanvasItem class is described by Table 18-34

Table 18-34 typeinfo for QCanvasItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasItem
basetype:	typeinfo for Qt

18.2.7.2 Class data for QCanvasSprite

The virtual table for the QCanvasSprite class is described by Table 18-35

Table 18-35 Primary vtable for QCanvasSprite

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasSprite
vfunc[0]:	QCanvasSprite::~QCanvasSprite()
vfunc[1]:	QCanvasSprite::~QCanvasSprite()
vfunc[2]:	QCanvasItem::moveBy(double, double)
vfunc[3]:	QCanvasItem::setAnimated(bool)
vfunc[4]:	QCanvasItem::setVelocity(double, double)
vfunc[5]:	QCanvasSprite::advance(int)
vfunc[6]:	QCanvasSprite::collidesWith(QCanvasItem const*) const
vfunc[7]:	QCanvasItem::setCanvas(QCanvas*)
vfunc[8]:	QCanvasSprite::draw(QPainter&)
vfunc[9]:	QCanvasItem::setVisible(bool)
vfunc[10]:	QCanvasItem::setSelected(bool)
vfunc[11]:	QCanvasItem::setEnabled(bool)
vfunc[12]:	QCanvasItem::setActive(bool)
vfunc[13]:	QCanvasSprite::rtti() const
vfunc[14]:	QCanvasSprite::boundingRect() const
vfunc[15]:	QCanvasItem::boundingRectAdvanced() const

 © 2008 Linux Foundation

vfunc[16]:	QCanvasItem::chunks() const
vfunc[17]:	QCanvasSprite::addToChunks()
vfunc[18]:	QCanvasSprite::removeFromChunks()
vfunc[19]:	QCanvasSprite::changeChunks()
vfunc[20]:	QCanvasSprite::collidesWith(QCanvasSprite const*, QCanvasPolygonalItem const*, QCanvasRectangle const*, QCanvasEllipse const*, QCanvasText const*) const
vfunc[21]:	QCanvasSprite::move(double, double, int)
vfunc[22]:	QCanvasSprite::setFrameAnimation(QCanvasSprite::FrameAnimationType, int, int)
vfunc[23]:	QCanvasSprite::imageAdvanced() const

The Run Time Type Information for the QCanvasSprite class is described by Table 18-36

Table 18-36 typeinfo for QCanvasSprite

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasSprite
basetype:	typeinfo for QCanvasItem

18.2.7.3 Class data for QCanvasPolygonalItem

The virtual table for the QCanvasPolygonalItem class is described by Table 18-37

Table 18-37 Primary vtable for QCanvasPolygonalItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasPolygonalItem
vfunc[0]:	QCanvasPolygonalItem::~QCanvasPolygonalItem()
vfunc[1]:	QCanvasPolygonalItem::~QCanvasPolygonalItem()
vfunc[2]:	QCanvasItem::moveBy(double, double)
vfunc[3]:	QCanvasItem::setAnimated(bool)
vfunc[4]:	QCanvasItem::setVelocity(double, double)
vfunc[5]:	QCanvasItem::advance(int)

vfunc[6]:	QCanvasPolygonalItem::collidesWith(QCanvasItem const*) const
vfunc[7]:	QCanvasItem::setCanvas(QCanvas*)
vfunc[8]:	QCanvasPolygonalItem::draw(QPainter&)
vfunc[9]:	QCanvasItem::setVisible(bool)
vfunc[10]:	QCanvasItem::setSelected(bool)
vfunc[11]:	QCanvasItem::setEnabled(bool)
vfunc[12]:	QCanvasItem::setActive(bool)
vfunc[13]:	QCanvasPolygonalItem::rtti() const
vfunc[14]:	QCanvasPolygonalItem::boundingRect() const
vfunc[15]:	QCanvasItem::boundingRectAdvanced() const
vfunc[16]:	QCanvasPolygonalItem::chunks() const
vfunc[17]:	QCanvasItem::addToChunks()
vfunc[18]:	QCanvasItem::removeFromChunks()
vfunc[19]:	QCanvasItem::changeChunks()
vfunc[20]:	QCanvasPolygonalItem::collidesWith(QCanvasSprite const*, QCanvasPolygonalItem const*, QCanvasRectangle const*, QCanvasEllipse const*, QCanvasText const*) const
vfunc[21]:	QCanvasPolygonalItem::setPen(QPen)
vfunc[22]:	QCanvasPolygonalItem::setBrush(QBrush)
vfunc[23]:	__cxa_pure_virtual
vfunc[24]:	QCanvasPolygonalItem::areaPointsAdvanced() const
vfunc[25]:	__cxa_pure_virtual

The Run Time Type Information for the QCanvasPolygonalItem class is described by Table 18-38

Table 18-38 typeinfo for QCanvasPolygonalItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasPolygonalItem
basetype:	typeinfo for QCanvasItem

18.2.7.4 Class data for QCanvasRectangle

The virtual table for the QCanvasRectangle class is described by Table 18-39

 © 2008 Linux Foundation

Table 18-39 Primary vtable for QCanvasRectangle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasRectangle
vfunc[0]:	QCanvasRectangle::~QCanvasRectangle()
vfunc[1]:	QCanvasRectangle::~QCanvasRectangle()
vfunc[2]:	QCanvasItem::moveBy(double, double)
vfunc[3]:	QCanvasItem::setAnimated(bool)
vfunc[4]:	QCanvasItem::setVelocity(double, double)
vfunc[5]:	QCanvasItem::advance(int)
vfunc[6]:	QCanvasRectangle::collidesWith(QCanvasItem const*) const
vfunc[7]:	QCanvasItem::setCanvas(QCanvas*)
vfunc[8]:	QCanvasPolygonalItem::draw(QPainter&)
vfunc[9]:	QCanvasItem::setVisible(bool)
vfunc[10]:	QCanvasItem::setSelected(bool)
vfunc[11]:	QCanvasItem::setEnabled(bool)
vfunc[12]:	QCanvasItem::setActive(bool)
vfunc[13]:	QCanvasRectangle::rtti() const
vfunc[14]:	QCanvasPolygonalItem::boundingRect() const
vfunc[15]:	QCanvasItem::boundingRectAdvanced() const
vfunc[16]:	QCanvasRectangle::chunks() const
vfunc[17]:	QCanvasItem::addToChunks()
vfunc[18]:	QCanvasItem::removeFromChunks()
vfunc[19]:	QCanvasItem::changeChunks()
vfunc[20]:	QCanvasRectangle::collidesWith(QCanvasSprite const*, QCanvasPolygonalItem const*, QCanvasRectangle const*, QCanvasEllipse const*, QCanvasText const*) const
vfunc[21]:	QCanvasPolygonalItem::setPen(QPen)
vfunc[22]:	QCanvasPolygonalItem::setBrush(QBrush)
vfunc[23]:	QCanvasRectangle::areaPoints() const

vfunc[24]:	QCanvasPolygonalItem::areaPointsAdvanced() const
vfunc[25]:	QCanvasRectangle::drawShape(QPainter&)

The Run Time Type Information for the QCanvasRectangle class is described by Table 18-40

Table 18-40 typeinfo for QCanvasRectangle

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasRectangle
basetype:	typeinfo for QCanvasPolygonalItem

18.2.7.5 Class data for QCanvasView

The virtual table for the QCanvasView class is described by Table 18-41

Table 18-41 Primary vtable for QCanvasView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasView
vfunc[0]:	NULL or QCanvasView::metaObject() const
vfunc[1]:	QCanvasView::className() const
vfunc[2]:	QCanvasView::qt_cast(char const*)
vfunc[3]:	QCanvasView::qt_invoke(int, QUObject*)
vfunc[4]:	QCanvasView::qt_emit(int, QUObject*)
vfunc[5]:	QCanvasView::qt_property(int, int, QVariant*)
vfunc[6]:	QCanvasView::~QCanvasView()
vfunc[7]:	QCanvasView::~QCanvasView()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QScrollView::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)

© 2008 Linux Foundation

vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QScrollView::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)

vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QCanvasView::sizeHint() const
vfunc[59]:	QScrollView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEv

 © 2008 Linux Foundation

	ent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QScrollView::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QScrollView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)

vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QScrollView::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QCanvasView::drawContents(QPainter*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrollView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QScrollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QScrollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QScrollView::setContentsPos(int, int)
vfunc[127]:	QCanvasView::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QScrollView::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QScrollView::contentsMouseReleaseEvent(QMouseEvent*)

© 2008 Linux Foundation

vfunc[131]:	QScrollView::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QScrollView::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QScrollView::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QScrollView::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QScrollView::contentsDragLeaveEvent(QDragLeaveEvent*)
vfunc[136]:	QScrollView::contentsDropEvent(QDropEvent*)
vfunc[137]:	QScrollView::contentsWheelEvent(QWheelEvent*)
vfunc[138]:	QScrollView::contentsContextMenuEvent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QScrollView::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDoubleClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEvent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(QDropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)

The Run Time Type Information for the QCanvasView class is described by Table 18-42

Table 18-42 typeinfo for QCanvasView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasView
basetype:	typeinfo for QScrollView

18.2.7.6 Class data for QCanvasEllipse

The virtual table for the QCanvasEllipse class is described by Table 18-43

Table 18-43 Primary vtable for QCanvasEllipse

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasEllipse
vfunc[0]:	QCanvasEllipse::~QCanvasEllipse()
vfunc[1]:	QCanvasEllipse::~QCanvasEllipse()
vfunc[2]:	QCanvasItem::moveBy(double, double)
vfunc[3]:	QCanvasItem::setAnimated(bool)
vfunc[4]:	QCanvasItem::setVelocity(double, double)
vfunc[5]:	QCanvasItem::advance(int)
vfunc[6]:	QCanvasEllipse::collidesWith(QCanvasItem const*) const
vfunc[7]:	QCanvasItem::setCanvas(QCanvas*)
vfunc[8]:	QCanvasPolygonalItem::draw(QPainter&)
vfunc[9]:	QCanvasItem::setVisible(bool)
vfunc[10]:	QCanvasItem::setSelected(bool)
vfunc[11]:	QCanvasItem::setEnabled(bool)
vfunc[12]:	QCanvasItem::setActive(bool)
vfunc[13]:	QCanvasEllipse::rtti() const
vfunc[14]:	QCanvasPolygonalItem::boundingRect() const
vfunc[15]:	QCanvasItem::boundingRectAdvanced() const
vfunc[16]:	QCanvasPolygonalItem::chunks() const
vfunc[17]:	QCanvasItem::addToChunks()
vfunc[18]:	QCanvasItem::removeFromChunks()
vfunc[19]:	QCanvasItem::changeChunks()
vfunc[20]:	QCanvasEllipse::collidesWith(QCan

 © 2008 Linux Foundation

	vasSprite const*, QCanvasPolygonalItem const*, QCanvasRectangle const*, QCanvasEllipse const*, QCanvasText const*) const
vfunc[21]:	QCanvasPolygonalItem::setPen(QPen)
vfunc[22]:	QCanvasPolygonalItem::setBrush(QBrush)
vfunc[23]:	QCanvasEllipse::areaPoints() const
vfunc[24]:	QCanvasPolygonalItem::areaPointsAdvanced() const
vfunc[25]:	QCanvasEllipse::drawShape(QPainter&)

The Run Time Type Information for the QCanvasEllipse class is described by Table 18-44

Table 18-44 typeinfo for QCanvasEllipse

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasEllipse
basetype:	typeinfo for QCanvasPolygonalItem

18.2.7.7 Class data for QCanvasPixmap

The virtual table for the QCanvasPixmap class is described by Table 18-45

Table 18-45 Primary vtable for QCanvasPixmap

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasPixmap
vfunc[0]:	QCanvasPixmap::~QCanvasPixmap()
vfunc[1]:	QCanvasPixmap::~QCanvasPixmap()
vfunc[2]:	QPaintDevice::setResolution(int)
vfunc[3]:	QPaintDevice::resolution() const
vfunc[4]:	QPaintDevice::handle() const
vfunc[5]:	QPaintDevice::x11RenderHandle() const
vfunc[6]:	QPaintDevice::setX11Data(QPaintDeviceX11Data const*)
vfunc[7]:	QPaintDevice::cmd(int, QPainter*, QPDevCmdParam*)
vfunc[8]:	QPixmap::metric(int) const

vfunc[9]:	QPaintDevice::fontMet(QFont*, int, char const*, int) const
vfunc[10]:	QPaintDevice::fontInf(QFont*, int) const
vfunc[11]:	QPixmap::detach()

The Run Time Type Information for the QCanvasPixmap class is described by Table 18-46

Table 18-46 typeinfo for QCanvasPixmap

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasPixmap
basetype:	typeinfo for QPixmap

18.2.7.8 Class data for QCanvasLine

The virtual table for the QCanvasLine class is described by Table 18-47

Table 18-47 Primary vtable for QCanvasLine

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasLine
vfunc[0]:	QCanvasLine::~QCanvasLine()
vfunc[1]:	QCanvasLine::~QCanvasLine()
vfunc[2]:	QCanvasLine::moveBy(double, double)
vfunc[3]:	QCanvasItem::setAnimated(bool)
vfunc[4]:	QCanvasItem::setVelocity(double, double)
vfunc[5]:	QCanvasItem::advance(int)
vfunc[6]:	QCanvasPolygonalItem::collidesWith(QCanvasItem const*) const
vfunc[7]:	QCanvasItem::setCanvas(QCanvas*)
vfunc[8]:	QCanvasPolygonalItem::draw(QPainter&)
vfunc[9]:	QCanvasItem::setVisible(bool)
vfunc[10]:	QCanvasItem::setSelected(bool)
vfunc[11]:	QCanvasItem::setEnabled(bool)
vfunc[12]:	QCanvasItem::setActive(bool)
vfunc[13]:	QCanvasLine::rtti() const
vfunc[14]:	QCanvasPolygonalItem::boundingRect() const
vfunc[15]:	QCanvasItem::boundingRectAdvanced() const
vfunc[16]:	QCanvasPolygonalItem::chunks()

 © 2008 Linux Foundation

	const
vfunc[17]:	QCanvasItem::addToChunks()
vfunc[18]:	QCanvasItem::removeFromChunks()
vfunc[19]:	QCanvasItem::changeChunks()
vfunc[20]:	QCanvasPolygonalItem::collidesWith(QCanvasSprite const*, QCanvasPolygonalItem const*, QCanvasRectangle const*, QCanvasEllipse const*, QCanvasText const*) const
vfunc[21]:	QCanvasLine::setPen(QPen)
vfunc[22]:	QCanvasPolygonalItem::setBrush(QBrush)
vfunc[23]:	QCanvasLine::areaPoints() const
vfunc[24]:	QCanvasPolygonalItem::areaPointsAdvanced() const
vfunc[25]:	QCanvasLine::drawShape(QPainter &)

The Run Time Type Information for the QCanvasLine class is described by Table 18-48

Table 18-48 typeinfo for QCanvasLine

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasLine
basetype:	typeinfo for QCanvasPolygonalItem

18.2.7.9 Class data for QCanvasSpline

The virtual table for the QCanvasSpline class is described by Table 18-49

Table 18-49 Primary vtable for QCanvasSpline

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasSpline
vfunc[0]:	QCanvasSpline::~QCanvasSpline()
vfunc[1]:	QCanvasSpline::~QCanvasSpline()
vfunc[2]:	QCanvasPolygon::moveBy(double, double)
vfunc[3]:	QCanvasItem::setAnimated(bool)
vfunc[4]:	QCanvasItem::setVelocity(double, double)
vfunc[5]:	QCanvasItem::advance(int)
vfunc[6]:	QCanvasPolygonalItem::collidesWith(QCanvasItem const*) const

vfunc[7]:	QCanvasItem::setCanvas(QCanvas*)
vfunc[8]:	QCanvasPolygonalItem::draw(QPainter&)
vfunc[9]:	QCanvasItem::setVisible(bool)
vfunc[10]:	QCanvasItem::setSelected(bool)
vfunc[11]:	QCanvasItem::setEnabled(bool)
vfunc[12]:	QCanvasItem::setActive(bool)
vfunc[13]:	QCanvasSpline::rtti() const
vfunc[14]:	QCanvasPolygonalItem::boundingRect() const
vfunc[15]:	QCanvasItem::boundingRectAdvanced() const
vfunc[16]:	QCanvasPolygonalItem::chunks() const
vfunc[17]:	QCanvasItem::addToChunks()
vfunc[18]:	QCanvasItem::removeFromChunks()
vfunc[19]:	QCanvasItem::changeChunks()
vfunc[20]:	QCanvasPolygonalItem::collidesWith(QCanvasSprite const*, QCanvasPolygonalItem const*, QCanvasRectangle const*, QCanvasEllipse const*, QCanvasText const*) const
vfunc[21]:	QCanvasPolygonalItem::setPen(QPen)
vfunc[22]:	QCanvasPolygonalItem::setBrush(QBrush)
vfunc[23]:	QCanvasPolygon::areaPoints() const
vfunc[24]:	QCanvasPolygonalItem::areaPointsAdvanced() const
vfunc[25]:	QCanvasPolygon::drawShape(QPainter&)

The Run Time Type Information for the QCanvasSpline class is described by Table 18-50

Table 18-50 typeinfo for QCanvasSpline

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasSpline
basetype:	typeinfo for QCanvasPolygon

18.2.7.10 Class data for QCanvasText

The virtual table for the QCanvasText class is described by Table 18-51

 © 2008 Linux Foundation

Table 18-51 Primary vtable for QCanvasText

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasText
vfunc[0]:	QCanvasText::~QCanvasText()
vfunc[1]:	QCanvasText::~QCanvasText()
vfunc[2]:	QCanvasText::moveBy(double, double)
vfunc[3]:	QCanvasItem::setAnimated(bool)
vfunc[4]:	QCanvasItem::setVelocity(double, double)
vfunc[5]:	QCanvasItem::advance(int)
vfunc[6]:	QCanvasText::collidesWith(QCanvas Item const*) const
vfunc[7]:	QCanvasItem::setCanvas(QCanvas*)
vfunc[8]:	QCanvasText::draw(QPainter&)
vfunc[9]:	QCanvasItem::setVisible(bool)
vfunc[10]:	QCanvasItem::setSelected(bool)
vfunc[11]:	QCanvasItem::setEnabled(bool)
vfunc[12]:	QCanvasItem::setActive(bool)
vfunc[13]:	QCanvasText::rtti() const
vfunc[14]:	QCanvasText::boundingRect() const
vfunc[15]:	QCanvasItem::boundingRectAdvanc ed() const
vfunc[16]:	QCanvasItem::chunks() const
vfunc[17]:	QCanvasText::addToChunks()
vfunc[18]:	QCanvasText::removeFromChunks()
vfunc[19]:	QCanvasText::changeChunks()
vfunc[20]:	QCanvasText::collidesWith(QCanvas Sprite const*, QCanvasPolygonalItem const*, QCanvasRectangle const*, QCanvasEllipse const*, QCanvasText const*) const

The Run Time Type Information for the QCanvasText class is described by Table 18-52

Table 18-52 typeinfo for QCanvasText

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasText
basetype:	typeinfo for QCanvasItem

18.2.7.11 Class data for QCanvasPolygon

The virtual table for the QCanvasPolygon class is described by Table 18-53

Table 18-53 Primary vtable for QCanvasPolygon

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvasPolygon
vfunc[0]:	QCanvasPolygon::~QCanvasPolygon()
vfunc[1]:	QCanvasPolygon::~QCanvasPolygon()
vfunc[2]:	QCanvasPolygon::moveBy(double, double)
vfunc[3]:	QCanvasItem::setAnimated(bool)
vfunc[4]:	QCanvasItem::setVelocity(double, double)
vfunc[5]:	QCanvasItem::advance(int)
vfunc[6]:	QCanvasPolygonalItem::collidesWith(QCanvasItem const*) const
vfunc[7]:	QCanvasItem::setCanvas(QCanvas*)
vfunc[8]:	QCanvasPolygonalItem::draw(QPainter&)
vfunc[9]:	QCanvasItem::setVisible(bool)
vfunc[10]:	QCanvasItem::setSelected(bool)
vfunc[11]:	QCanvasItem::setEnabled(bool)
vfunc[12]:	QCanvasItem::setActive(bool)
vfunc[13]:	QCanvasPolygon::rtti() const
vfunc[14]:	QCanvasPolygonalItem::boundingRect() const
vfunc[15]:	QCanvasItem::boundingRectAdvanced() const
vfunc[16]:	QCanvasPolygonalItem::chunks() const
vfunc[17]:	QCanvasItem::addToChunks()
vfunc[18]:	QCanvasItem::removeFromChunks()
vfunc[19]:	QCanvasItem::changeChunks()
vfunc[20]:	QCanvasPolygonalItem::collidesWith(QCanvasSprite const*, QCanvasPolygonalItem const*, QCanvasRectangle const*, QCanvasEllipse const*, QCanvasText const*) const
vfunc[21]:	QCanvasPolygonalItem::setPen(QPen)

© 2008 Linux Foundation

vfunc[22]:	QCanvasPolygonalItem::setBrush(QBrush)
vfunc[23]:	QCanvasPolygon::areaPoints() const
vfunc[24]:	QCanvasPolygonalItem::areaPointsAdvanced() const
vfunc[25]:	QCanvasPolygon::drawShape(QPainter&)

The Run Time Type Information for the QCanvasPolygon class is described by Table 18-54

Table 18-54 typeinfo for QCanvasPolygon

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvasPolygon
basetype:	typeinfo for QCanvasPolygonalItem

18.2.7.12 Class data for QCanvas

The virtual table for the QCanvas class is described by Table 18-55

Table 18-55 Primary vtable for QCanvas

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCanvas
vfunc[0]:	NULL or QCanvas::metaObject() const
vfunc[1]:	QCanvas::className() const
vfunc[2]:	QCanvas::qt_cast(char const*)
vfunc[3]:	QCanvas::qt_invoke(int, QUObject*)
vfunc[4]:	QCanvas::qt_emit(int, QUObject*)
vfunc[5]:	QCanvas::qt_property(int, int, QVariant*)
vfunc[6]:	QCanvas::~QCanvas()
vfunc[7]:	QCanvas::~QCanvas()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)

vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QCanvas::setTiles(QPixmap, int, int, int, int)
vfunc[22]:	QCanvas::setBackgroundPixmap(QPixmap const&)
vfunc[23]:	QCanvas::setBackgroundColor(QColor const&)
vfunc[24]:	QCanvas::setTile(int, int, int)
vfunc[25]:	QCanvas::resize(int, int)
vfunc[26]:	QCanvas::retune(int, int)
vfunc[27]:	QCanvas::setChangedChunk(int, int)
vfunc[28]:	QCanvas::setChangedChunkContaining(int, int)
vfunc[29]:	QCanvas::setAllChanged()
vfunc[30]:	QCanvas::setChanged(QRect const&)
vfunc[31]:	QCanvas::setUnchanged(QRect const&)
vfunc[32]:	QCanvas::addView(QCanvasView*)
vfunc[33]:	QCanvas::removeView(QCanvasView*)
vfunc[34]:	QCanvas::addItem(QCanvasItem*)
vfunc[35]:	QCanvas::addAnimation(QCanvasItem*)
vfunc[36]:	QCanvas::removeItem(QCanvasItem*)
vfunc[37]:	QCanvas::removeAnimation(QCanvasItem*)
vfunc[38]:	QCanvas::setAdvancePeriod(int)
vfunc[39]:	QCanvas::setUpdatePeriod(int)
vfunc[40]:	QCanvas::setDoubleBuffering(bool)
vfunc[41]:	QCanvas::advance()
vfunc[42]:	QCanvas::update()
vfunc[43]:	QCanvas::drawBackground(QPainter&, QRect const&)
vfunc[44]:	QCanvas::drawForeground(QPainter&, QRect const&)

 © 2008 Linux Foundation

The Run Time Type Information for the QCanvas class is described by Table 18-56

Table 18-56 typeinfo for QCanvas

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCanvas
basetype:	typeinfo for QObject

18.2.7.13 Interfaces for Qt3 Canvas

An LSB conforming implementation shall provide the generic functions for Qt3 Canvas specified in Table 18-57, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-57 libqt-mt - Qt3 Canvas Function Interfaces

_ZN11QCanvasItem10setEnabledEb [qt-mt]	_ZN11QCanvasItem10setVisibleEb [qt-mt]
_ZN11QCanvasItem11addToChunksEv [qt-mt]	_ZN11QCanvasItem11setAnimatedEb [qt-mt]
_ZN11QCanvasItem11setSelectedEb [qt-mt]	_ZN11QCanvasItem11setVelocityEdd [qt-mt]
_ZN11QCanvasItem12changeChunksEv [qt-mt]	_ZN11QCanvasItem16removeFromChunksEv [qt-mt]
_ZN11QCanvasItem4hideEv [qt-mt]	_ZN11QCanvasItem4moveEdd [qt-mt]
_ZN11QCanvasItem4showEv [qt-mt]	_ZN11QCanvasItem5extraEv [qt-mt]
_ZN11QCanvasItem6moveByEdd [qt-mt]	_ZN11QCanvasItem7advanceEi [qt-mt]
_ZN11QCanvasItem9setActiveEb [qt-mt]	_ZN11QCanvasItem9setCanvasEP7QCanvas [qt-mt]
_ZN11QCanvasItemC1EP7QCanvas [qt-mt]	_ZN11QCanvasItemC2EP7QCanvas [qt-mt]
_ZN11QCanvasItemD0Ev [qt-mt]	_ZN11QCanvasItemD1Ev [qt-mt]
_ZN11QCanvasItemD2Ev [qt-mt]	_ZN11QCanvasLine6moveByEdd [qt-mt]
_ZN11QCanvasLine6setPenE4QPen [qt-mt]	_ZN11QCanvasLine9drawShapeER8QPainter [qt-mt]
_ZN11QCanvasLine9setPointsEiiii [qt-mt]	_ZN11QCanvasLineC1EP7QCanvas [qt-mt]
_ZN11QCanvasLineC2EP7QCanvas [qt-mt]	_ZN11QCanvasLineD0Ev [qt-mt]
_ZN11QCanvasLineD1Ev [qt-mt]	_ZN11QCanvasLineD2Ev [qt-mt]
_ZN11QCanvasText11addToChunksEv [qt-mt]	_ZN11QCanvasText12changeChunksEv [qt-mt]
_ZN11QCanvasText12setTextFlagsEi	_ZN11QCanvasText16removeFromC

[qt-mt]	hunksEv [qt-mt]
_ZN11QCanvasText4drawER8QPainter [qt-mt]	_ZN11QCanvasText6moveByEdd [qt-mt]
_ZN11QCanvasText7setFontERK5QFont [qt-mt]	_ZN11QCanvasText7setRectEv [qt-mt]
_ZN11QCanvasText7setTextERK7QString [qt-mt]	_ZN11QCanvasText8setColorERK6QColor [qt-mt]
_ZN11QCanvasTextC1EP7QCanvas [qt-mt]	_ZN11QCanvasTextC1ERK7QString5QFontP7QCanvas [qt-mt]
_ZN11QCanvasTextC1ERK7QStringP7QCanvas [qt-mt]	_ZN11QCanvasTextC2EP7QCanvas [qt-mt]
_ZN11QCanvasTextC2ERK7QString5QFontP7QCanvas [qt-mt]	_ZN11QCanvasTextC2ERK7QStringP7QCanvas [qt-mt]
_ZN11QCanvasTextD0Ev [qt-mt]	_ZN11QCanvasTextD1Ev [qt-mt]
_ZN11QCanvasTextD2Ev [qt-mt]	_ZN11QCanvasView11qt_propertyEiiP8QVariant [qt-mt]
_ZN11QCanvasView12drawContentsEP8QPainter [qt-mt]	_ZN11QCanvasView12drawContentsEP8QPainteriiii [qt-mt]
_ZN11QCanvasView14setWorldMatrixERK8QWMatrix [qt-mt]	_ZN11QCanvasView16staticMetaObjectEv [qt-mt]
_ZN11QCanvasView18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QCanvasView18updateContentsSizeEv [qt-mt]
ZN11QCanvasView2trEPKcS1 [qt-mt]	_ZN11QCanvasView6trUtf8EPKcS1_ [qt-mt]
_ZN11QCanvasView7cMovingEii [qt-mt]	_ZN11QCanvasView7qt_castEPKc [qt-mt]
_ZN11QCanvasView7qt_emitEiP8QUObject [qt-mt]	_ZN11QCanvasView9qt_invokeEiP8QUObject [qt-mt]
_ZN11QCanvasView9setCanvasEP7QCanvas [qt-mt]	_ZN11QCanvasViewC1EP7QCanvasP7QWidgetPKcj [qt-mt]
_ZN11QCanvasViewC1EP7QWidgetPKcj [qt-mt]	_ZN11QCanvasViewC2EP7QCanvasP7QWidgetPKcj [qt-mt]
_ZN11QCanvasViewC2EP7QWidgetPKcj [qt-mt]	_ZN11QCanvasViewD0Ev [qt-mt]
_ZN11QCanvasViewD1Ev [qt-mt]	_ZN11QCanvasViewD2Ev [qt-mt]
_ZN13QCanvasPixmap4initERK6QImage [qt-mt]	_ZN13QCanvasPixmap4initERK7QPixmapii [qt-mt]
_ZN13QCanvasPixmapC1ERK6QImage [qt-mt]	_ZN13QCanvasPixmapC1ERK7QPixmapRK6QPoint [qt-mt]
_ZN13QCanvasPixmapC1ERK7QString [qt-mt]	_ZN13QCanvasPixmapC2ERK6QImage [qt-mt]
_ZN13QCanvasPixmapC2ERK7QPixmapRK6QPoint [qt-mt]	_ZN13QCanvasPixmapC2ERK7QString [qt-mt]
_ZN13QCanvasPixmapD0Ev [qt-mt]	_ZN13QCanvasPixmapD1Ev [qt-mt]

© 2008 Linux Foundation

_ZN13QCanvasPixmapD2Ev [qt-mt]	_ZN13QCanvasSpline10recalcPolyEv [qt-mt]
_ZN13QCanvasSpline16setControlPointsE11QPointArrayb [qt-mt]	_ZN13QCanvasSplineC1EP7QCanvas [qt-mt]
_ZN13QCanvasSplineC2EP7QCanvas [qt-mt]	_ZN13QCanvasSplineD0Ev [qt-mt]
_ZN13QCanvasSplineD1Ev [qt-mt]	_ZN13QCanvasSplineD2Ev [qt-mt]
_ZN13QCanvasSprite11addToChunksEv [qt-mt]	_ZN13QCanvasSprite11setSequenceEP18QCanvasPixmapArray [qt-mt]
_ZN13QCanvasSprite12changeChunksEv [qt-mt]	_ZN13QCanvasSprite16removeFromChunksEv [qt-mt]
_ZN13QCanvasSprite17setFrameAnimationENS_18FrameAnimationTypeEii [qt-mt]	_ZN13QCanvasSprite4drawER8QPainter [qt-mt]
_ZN13QCanvasSprite4moveEdd [qt-mt]	_ZN13QCanvasSprite4moveEddi [qt-mt]
_ZN13QCanvasSprite7advanceEi [qt-mt]	_ZN13QCanvasSprite8setFrameEi [qt-mt]
_ZN13QCanvasSpriteC1EP18QCanvasPixmapArrayP7QCanvas [qt-mt]	_ZN13QCanvasSpriteC2EP18QCanvasPixmapArrayP7QCanvas [qt-mt]
_ZN13QCanvasSpriteD0Ev [qt-mt]	_ZN13QCanvasSpriteD1Ev [qt-mt]
_ZN13QCanvasSpriteD2Ev [qt-mt]	_ZN14QCanvasEllipse7setSizeEii [qt-mt]
_ZN14QCanvasEllipse9drawShapeER8QPainter [qt-mt]	_ZN14QCanvasEllipse9setAnglesEii [qt-mt]
_ZN14QCanvasEllipseC1EP7QCanvas [qt-mt]	_ZN14QCanvasEllipseC1EiiP7QCanvas [qt-mt]
_ZN14QCanvasEllipseC1EiiiiP7QCanvas [qt-mt]	_ZN14QCanvasEllipseC2EP7QCanvas [qt-mt]
_ZN14QCanvasEllipseC2EiiP7QCanvas [qt-mt]	_ZN14QCanvasEllipseC2EiiiiP7QCanvas [qt-mt]
_ZN14QCanvasEllipseD0Ev [qt-mt]	_ZN14QCanvasEllipseD1Ev [qt-mt]
_ZN14QCanvasEllipseD2Ev [qt-mt]	_ZN14QCanvasPolygon6moveByEdd [qt-mt]
_ZN14QCanvasPolygon9drawShapeER8QPainter [qt-mt]	_ZN14QCanvasPolygon9setPointsE11QPointArray [qt-mt]
_ZN14QCanvasPolygonC1EP7QCanvas [qt-mt]	_ZN14QCanvasPolygonC2EP7QCanvas [qt-mt]
_ZN14QCanvasPolygonD0Ev [qt-mt]	_ZN14QCanvasPolygonD1Ev [qt-mt]
_ZN14QCanvasPolygonD2Ev [qt-mt]	_ZN15QCanvasItemList10drawUniqueER8QPainter [qt-mt]
_ZN15QCanvasItemList4sortEv [qt-mt]	_ZN16QCanvasRectangle7setSizeEii [qt-mt]
_ZN16QCanvasRectangle9drawShap	_ZN16QCanvasRectangleC1EP7QCa

eER8QPainter [qt-mt]	nvas [qt-mt]
_ZN16QCanvasRectangleC1ERK5QRectP7QCanvas [qt-mt]	_ZN16QCanvasRectangleC1EiiiiP7QCanvas [qt-mt]
_ZN16QCanvasRectangleC2EP7QCanvas [qt-mt]	_ZN16QCanvasRectangleC2ERK5QRectP7QCanvas [qt-mt]
_ZN16QCanvasRectangleC2EiiiiP7QCanvas [qt-mt]	_ZN16QCanvasRectangleD0Ev [qt-mt]
_ZN16QCanvasRectangleD1Ev [qt-mt]	_ZN16QCanvasRectangleD2Ev [qt-mt]
_ZN18QCanvasPixmapArray11readPixmapsERK7QStringi [qt-mt]	_ZN18QCanvasPixmapArray11readPixmapsERK7QStringib [qt-mt]
_ZN18QCanvasPixmapArray18readCollisionMasksERK7QString [qt-mt]	_ZN18QCanvasPixmapArray5resetEv [qt-mt]
_ZN18QCanvasPixmapArray8setImageEiP13QCanvasPixmap [qt-mt]	_ZN18QCanvasPixmapArrayC1E10QValueListI7QPixmapE11QPointArray [qt-mt]
_ZN18QCanvasPixmapArrayC1E8QPtrListI7QPixmapES0_I6QPointE [qt-mt]	_ZN18QCanvasPixmapArrayC1ERK7QStringi [qt-mt]
_ZN18QCanvasPixmapArrayC1Ev [qt-mt]	_ZN18QCanvasPixmapArrayC2E10QValueListI7QPixmapE11QPointArray [qt-mt]
_ZN18QCanvasPixmapArrayC2E8QPtrListI7QPixmapES0_I6QPointE [qt-mt]	_ZN18QCanvasPixmapArrayC2ERK7QStringi [qt-mt]
_ZN18QCanvasPixmapArrayC2Ev [qt-mt]	_ZN18QCanvasPixmapArrayD1Ev [qt-mt]
_ZN18QCanvasPixmapArrayD2Ev [qt-mt]	_ZN18QCanvasPixmapArrayntEv [qt-mt]
_ZN20QCanvasPolygonalItem10invalidateEv [qt-mt]	_ZN20QCanvasPolygonalItem10setWindingEb [qt-mt]
_ZN20QCanvasPolygonalItem4drawER8QPainter [qt-mt]	_ZN20QCanvasPolygonalItem6setPenE4QPen [qt-mt]
_ZN20QCanvasPolygonalItem8setBrushE6QBrush [qt-mt]	_ZN20QCanvasPolygonalItemC1EP7QCanvas [qt-mt]
_ZN20QCanvasPolygonalItemC2EP7QCanvas [qt-mt]	_ZN20QCanvasPolygonalItemD0Ev [qt-mt]
_ZN20QCanvasPolygonalItemD1Ev [qt-mt]	_ZN20QCanvasPolygonalItemD2Ev [qt-mt]
_ZN7QCanvas10removeItemEP11QCanvasItem [qt-mt]	_ZN7QCanvas10removeViewEP11QCanvasView [qt-mt]
_ZN7QCanvas10setChangedERK5QRect [qt-mt]	_ZN7QCanvas11drawChangesERK5QRect [qt-mt]
_ZN7QCanvas11qt_propertyEiiP8QVariant [qt-mt]	_ZN7QCanvas12addAnimationEP11QCanvasItem [qt-mt]
_ZN7QCanvas12changeBoundsERK	_ZN7QCanvas12drawViewAreaEP1

 © 2008 Linux Foundation

5QRect [qt-mt]	1QCanvasViewP8QPainterRK5QRectb [qt-mt]
_ZN7QCanvas12setUnchangedERK5QRect [qt-mt]	_ZN7QCanvas13setAllChangedEv [qt-mt]
_ZN7QCanvas14addItemToChunkEP11QCanvasItemii [qt-mt]	_ZN7QCanvas14drawBackgroundER8QPainterRK5QRect [qt-mt]
_ZN7QCanvas14drawCanvasAreaERK5QRectP8QPainterb [qt-mt]	_ZN7QCanvas14drawForegroundER8QPainterRK5QRect [qt-mt]
_ZN7QCanvas15removeAnimationEP11QCanvasItem [qt-mt]	_ZN7QCanvas15setChangedChunkEii [qt-mt]
_ZN7QCanvas15setUpdatePeriodEi [qt-mt]	_ZN7QCanvas16setAdvancePeriodEi [qt-mt]
_ZN7QCanvas16staticMetaObjectEv [qt-mt]	_ZN7QCanvas18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN7QCanvas18setBackgroundColorERK6QColor [qt-mt]	_ZN7QCanvas18setDoubleBufferingEb [qt-mt]
_ZN7QCanvas19removeItemFromChunkEP11QCanvasItemii [qt-mt]	_ZN7QCanvas19setBackgroundPixmapERK7QPixmap [qt-mt]
_ZN7QCanvas24addItemToChunkContainingEP11QCanvasItemii [qt-mt]	_ZN7QCanvas25setChangedChunkContainingEii [qt-mt]
_ZN7QCanvas29removeItemFromChunkContainingEP11QCanvasItemii [qt-mt]	_ZN7QCanvas2trEPKcS1_ [qt-mt]
_ZN7QCanvas4initEiiii [qt-mt]	_ZN7QCanvas6resizeEii [qt-mt]
_ZN7QCanvas6retuneEii [qt-mt]	_ZN7QCanvas6trUtf8EPKcS1_ [qt-mt]
_ZN7QCanvas6updateEv [qt-mt]	_ZN7QCanvas7addItemEP11QCanvasItem [qt-mt]
_ZN7QCanvas7addViewEP11QCanvasView [qt-mt]	_ZN7QCanvas7advanceEv [qt-mt]
_ZN7QCanvas7qt_castEPKc [qt-mt]	_ZN7QCanvas7qt_emitEiP8QUObject [qt-mt]
_ZN7QCanvas7resizedEv [qt-mt]	_ZN7QCanvas7setTileEiii [qt-mt]
_ZN7QCanvas8allItemsEv [qt-mt]	_ZN7QCanvas8drawAreaERK5QRectP8QPainterb [qt-mt]
_ZN7QCanvas8setTilesE7QPixmapiiii [qt-mt]	_ZN7QCanvas9qt_invokeEiP8QUObject [qt-mt]
_ZN7QCanvasC1E7QPixmapiiii [qt-mt]	_ZN7QCanvasC1EP7QObjectPKc [qt-mt]
_ZN7QCanvasC1Eii [qt-mt]	_ZN7QCanvasC2E7QPixmapiiii [qt-mt]
_ZN7QCanvasC2EP7QObjectPKc [qt-mt]	_ZN7QCanvasC2Eii [qt-mt]
_ZN7QCanvasD0Ev [qt-mt]	_ZN7QCanvasD1Ev [qt-mt]

_ZN7QCanvasD2Ev [qt-mt]	_ZNK11QCanvasItem10collisionsEb [qt-mt]
_ZNK11QCanvasItem20boundingRectAdvancedEv [qt-mt]	_ZNK11QCanvasItem4rttiEv [qt-mt]
_ZNK11QCanvasItem6chunksEv [qt-mt]	_ZNK11QCanvasItem8animatedEv [qt-mt]
_ZNK11QCanvasItem9xVelocityEv [qt-mt]	_ZNK11QCanvasItem9yVelocityEv [qt-mt]
_ZNK11QCanvasLine10areaPointsEv [qt-mt]	_ZNK11QCanvasLine4rttiEv [qt-mt]
_ZNK11QCanvasText12boundingRectEv [qt-mt]	_ZNK11QCanvasText12collidesWithEPK11QCanvasItem [qt-mt]
ZNK11QCanvasText12collidesWithEPK13QCanvasSpritePK20QCanvasPolygonalItemPK16QCanvasRectanglePK14QCanvasEllipsePKS [qt-mt]	_ZNK11QCanvasText4fontEv [qt-mt]
_ZNK11QCanvasText4rttiEv [qt-mt]	_ZNK11QCanvasText4textEv [qt-mt]
_ZNK11QCanvasText5colorEv [qt-mt]	_ZNK11QCanvasView11worldMatrixEv [qt-mt]
_ZNK11QCanvasView18inverseWorldMatrixEv [qt-mt]	_ZNK11QCanvasView8sizeHintEv [qt-mt]
_ZNK11QCanvasView9classNameEv [qt-mt]	_ZNK13QCanvasSpline13controlPointsEv [qt-mt]
_ZNK13QCanvasSpline4rttiEv [qt-mt]	_ZNK13QCanvasSpline6closedEv [qt-mt]
_ZNK13QCanvasSprite10bottomEdgeEi [qt-mt]	_ZNK13QCanvasSprite10bottomEdgeEv [qt-mt]
_ZNK13QCanvasSprite12boundingRectEv [qt-mt]	_ZNK13QCanvasSprite12collidesWithEPK11QCanvasItem [qt-mt]
_ZNK13QCanvasSprite12collidesWithEPKS_PK20QCanvasPolygonalItemPK16QCanvasRectanglePK14QCanvasEllipsePK11QCanvasText [qt-mt]	_ZNK13QCanvasSprite13imageAdvancedEv [qt-mt]
_ZNK13QCanvasSprite4rttiEv [qt-mt]	_ZNK13QCanvasSprite5widthEv [qt-mt]
_ZNK13QCanvasSprite6heightEv [qt-mt]	_ZNK13QCanvasSprite7topEdgeEi [qt-mt]
_ZNK13QCanvasSprite7topEdgeEv [qt-mt]	_ZNK13QCanvasSprite8leftEdgeEi [qt-mt]
_ZNK13QCanvasSprite8leftEdgeEv [qt-mt]	_ZNK13QCanvasSprite9rightEdgeEi [qt-mt]
_ZNK13QCanvasSprite9rightEdgeEv [qt-mt]	_ZNK14QCanvasEllipse10areaPointsEv [qt-mt]
_ZNK14QCanvasEllipse12collidesWithEPK11QCanvasItem [qt-mt]	_ZNK14QCanvasEllipse12collidesWithEPK13QCanvasSpritePK20QCanvasPolygonalItemPK16QCanvasRecta

 © 2008 Linux Foundation

	nglePKS_PK11QCanvasText [qt-mt]
_ZNK14QCanvasEllipse4rttiEv [qt-mt]	_ZNK14QCanvasEllipse5widthEv [qt-mt]
_ZNK14QCanvasEllipse6heightEv [qt-mt]	_ZNK14QCanvasPolygon10areaPointsEv [qt-mt]
_ZNK14QCanvasPolygon4rttiEv [qt-mt]	_ZNK14QCanvasPolygon6pointsEv [qt-mt]
ZNK15QCanvasItemListplERKS [qt-mt]	_ZNK16QCanvasRectangle10areaPointsEv [qt-mt]
_ZNK16QCanvasRectangle12collidesWithEPK11QCanvasItem [qt-mt]	_ZNK16QCanvasRectangle12collidesWithEPK13QCanvasSpritePK20QCanvasPolygonalItemPKS_PK14QCanvasEllipsePK11QCanvasText [qt-mt]
_ZNK16QCanvasRectangle4rttiEv [qt-mt]	_ZNK16QCanvasRectangle5widthEv [qt-mt]
_ZNK16QCanvasRectangle6chunksEv [qt-mt]	_ZNK16QCanvasRectangle6heightEv [qt-mt]
_ZNK18QCanvasPixmapArray7isValidEv [qt-mt]	_ZNK20QCanvasPolygonalItem11scanPolygonERK11QPointArrayiR19QPolygonalProcessor [qt-mt]
_ZNK20QCanvasPolygonalItem12boundingRectEv [qt-mt]	_ZNK20QCanvasPolygonalItem12collidesWithEPK11QCanvasItem [qt-mt]
_ZNK20QCanvasPolygonalItem12collidesWithEPK13QCanvasSpritePKS_PK16QCanvasRectanglePK14QCanvasEllipsePK11QCanvasText [qt-mt]	_ZNK20QCanvasPolygonalItem18areaPointsAdvancedEv [qt-mt]
_ZNK20QCanvasPolygonalItem4rttiEv [qt-mt]	_ZNK20QCanvasPolygonalItem6chunksEv [qt-mt]
_ZNK20QCanvasPolygonalItem7windingEv [qt-mt]	_ZNK7QCanvas10collisionsERK11QPointArrayPK11QCanvasItemb [qt-mt]
_ZNK7QCanvas10collisionsERK5QRect [qt-mt]	_ZNK7QCanvas10collisionsERK6QPoint [qt-mt]
_ZNK7QCanvas15backgroundColorEv [qt-mt]	_ZNK7QCanvas15chunkContainingEii [qt-mt]
_ZNK7QCanvas16backgroundPixmapEv [qt-mt]	_ZNK7QCanvas5chunkEii [qt-mt]
_ZNK7QCanvas9classNameEv [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Canvas specified in Table 18-58, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-58 libqt-mt - Qt3 Canvas Data Interfaces

_ZN11QCanvasItem4RTTIE [qt-mt]	_ZN11QCanvasLine4RTTIE [qt-mt]

_ZN11QCanvasText4RTTIE [qt-mt]	_ZN11QCanvasView7metaObjE [qt-mt]
_ZN13QCanvasSpline4RTTIE [qt-mt]	_ZN13QCanvasSprite4RTTIE [qt-mt]
_ZN14QCanvasEllipse4RTTIE [qt-mt]	_ZN14QCanvasPolygon4RTTIE [qt-mt]
_ZN16QCanvasRectangle4RTTIE [qt-mt]	_ZN20QCanvasPolygonalItem4RTTIE [qt-mt]
_ZN7QCanvas7metaObjE [qt-mt]	_ZTI11QCanvasItem [CXXABI]
_ZTI11QCanvasLine [CXXABI]	_ZTI11QCanvasText [CXXABI]
_ZTI11QCanvasView [CXXABI]	_ZTI13QCanvasPixmap [CXXABI]
_ZTI13QCanvasSpline [CXXABI]	_ZTI13QCanvasSprite [CXXABI]
_ZTI14QCanvasEllipse [CXXABI]	_ZTI14QCanvasPolygon [CXXABI]
_ZTI16QCanvasRectangle [CXXABI]	_ZTI20QCanvasPolygonalItem [CXXABI]
_ZTI7QCanvas [CXXABI]	_ZTV11QCanvasItem [CXXABI]
_ZTV11QCanvasLine [CXXABI]	_ZTV11QCanvasText [CXXABI]
_ZTV11QCanvasView [CXXABI]	_ZTV13QCanvasPixmap [CXXABI]
_ZTV13QCanvasSpline [CXXABI]	_ZTV13QCanvasSprite [CXXABI]
_ZTV14QCanvasEllipse [CXXABI]	_ZTV14QCanvasPolygon [CXXABI]
_ZTV16QCanvasRectangle [CXXABI]	_ZTV20QCanvasPolygonalItem [CXXABI]
_ZTV7QCanvas [CXXABI]	

18.2.8 Qt3 Drag and Drop

18.2.8.1 Class data for QImageDrag

The virtual table for the QImageDrag class is described by Table 18-59

Table 18-59 Primary vtable for QImageDrag

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QImageDrag
vfunc[0]:	NULL or QImageDrag::metaObject() const
vfunc[1]:	QImageDrag::className() const
vfunc[2]:	QImageDrag::qt_cast(char const*)
vfunc[3]:	QImageDrag::qt_invoke(int, QUObject*)
vfunc[4]:	QImageDrag::qt_emit(int, QUObject*)
vfunc[5]:	QImageDrag::qt_property(int, int, QVariant*)
vfunc[6]:	QImageDrag::~QImageDrag()

© 2008 Linux Foundation

vfunc[7]:	QImageDrag::~QImageDrag()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QDragObject::setPixmap(QPixmap)
vfunc[22]:	QDragObject::setPixmap(QPixmap, QPoint const&)
vfunc[23]:	QDragObject::drag(QDragObject::DragMode)
vfunc[24]:	QImageDrag::setImage(QImage)
vfunc[25]:	QImageDrag::format(int) const
vfunc[26]:	QImageDrag::encodedData(char const*) const

The Run Time Type Information for the QImageDrag class is described by Table 18-60

Table 18-60 typeinfo for QImageDrag

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QImageDrag
basetype:	typeinfo for QDragObject

18.2.8.2 Class data for QDragLeaveEvent

The virtual table for the QDragLeaveEvent class is described by Table 18-61

Table 18-61 Primary vtable for QDragLeaveEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDragLeaveEvent

vfunc[0]:	NULL or QDragLeaveEvent::~QDragLeaveEvent()
vfunc[1]:	NULL or QDragLeaveEvent::~QDragLeaveEvent()

The Run Time Type Information for the QDragLeaveEvent class is described by Table 18-62

Table 18-62 typeinfo for QDragLeaveEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragLeaveEvent
basetype:	typeinfo for QEvent

18.2.8.3 Class data for QColorDrag

The virtual table for the QColorDrag class is described by Table 18-63

Table 18-63 Primary vtable for QColorDrag

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QColorDrag
vfunc[0]:	NULL or QColorDrag::metaObject() const
vfunc[1]:	QColorDrag::className() const
vfunc[2]:	QColorDrag::qt_cast(char const*)
vfunc[3]:	QColorDrag::qt_invoke(int, QUObject*)
vfunc[4]:	QColorDrag::qt_emit(int, QUObject*)
vfunc[5]:	QColorDrag::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QColorDrag::~QColorDrag()
vfunc[7]:	NULL or QColorDrag::~QColorDrag()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const

© 2008 Linux Foundation

vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QDragObject::setPixmap(QPixmap)
vfunc[22]:	QDragObject::setPixmap(QPixmap, QPoint const&)
vfunc[23]:	QDragObject::drag(QDragObject::DragMode)
vfunc[24]:	QStoredDrag::setEncodedData(QMemArray<char> const&)
vfunc[25]:	QStoredDrag::format(int) const
vfunc[26]:	QStoredDrag::encodedData(char const*) const

The Run Time Type Information for the QColorDrag class is described by Table 18-64

Table 18-64 typeinfo for QColorDrag

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QColorDrag
basetype:	typeinfo for QStoredDrag

18.2.8.4 Class data for QDragResponseEvent

The virtual table for the QDragResponseEvent class is described by Table 18-65

Table 18-65 Primary vtable for QDragResponseEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDragResponseEvent
vfunc[0]:	NULL or QDragResponseEvent::~QDragResponseEvent()
vfunc[1]:	NULL or QDragResponseEvent::~QDragResponseEvent()

The Run Time Type Information for the QDragResponseEvent class is described by Table 18-66

Table 18-66 typeinfo for QDragResponseEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragResponseEvent
basetype:	typeinfo for QEvent

18.2.8.5 Class data for QIconDrag

The virtual table for the QIconDrag class is described by Table 18-67

Table 18-67 Primary vtable for QIconDrag

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIconDrag
vfunc[0]:	NULL or QIconDrag::metaObject() const
vfunc[1]:	QIconDrag::className() const
vfunc[2]:	QIconDrag::qt_cast(char const*)
vfunc[3]:	QIconDrag::qt_invoke(int, QUObject*)
vfunc[4]:	QIconDrag::qt_emit(int, QUObject*)
vfunc[5]:	QIconDrag::qt_property(int, int, QVariant*)
vfunc[6]:	QIconDrag::~QIconDrag()
vfunc[7]:	QIconDrag::~QIconDrag()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QDragObject::setPixmap(QPixmap)

 © 2008 Linux Foundation

vfunc[22]:	QDragObject::setPixmap(QPixmap, QPoint const&)
vfunc[23]:	QDragObject::drag(QDragObject::DragMode)
vfunc[24]:	QIconDrag::format(int) const
vfunc[25]:	QIconDrag::encodedData(char const*) const

The Run Time Type Information for the QIconDrag class is described by Table 18-68

Table 18-68 typeinfo for QIconDrag

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIconDrag
basetype:	typeinfo for QDragObject

18.2.8.6 Class data for QUriDrag

The virtual table for the QUriDrag class is described by Table 18-69

Table 18-69 Primary vtable for QUriDrag

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QUriDrag
vfunc[0]:	NULL or QUriDrag::metaObject() const
vfunc[1]:	QUriDrag::className() const
vfunc[2]:	QUriDrag::qt_cast(char const*)
vfunc[3]:	QUriDrag::qt_invoke(int, QUObject*)
vfunc[4]:	QUriDrag::qt_emit(int, QUObject*)
vfunc[5]:	QUriDrag::qt_property(int, int, QVariant*)
vfunc[6]:	QUriDrag::~QUriDrag()
vfunc[7]:	QUriDrag::~QUriDrag()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)

vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QDragObject::setPixmap(QPixmap)
vfunc[22]:	QDragObject::setPixmap(QPixmap, QPoint const&)
vfunc[23]:	QDragObject::drag(QDragObject::DragMode)
vfunc[24]:	QStoredDrag::setEncodedData(QMemArray<char> const&)
vfunc[25]:	QStoredDrag::format(int) const
vfunc[26]:	QStoredDrag::encodedData(char const*) const
vfunc[27]:	QUriDrag::setUris(QStrList)

The Run Time Type Information for the QUriDrag class is described by Table 18-70

Table 18-70 typeinfo for QUriDrag

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QUriDrag
basetype:	typeinfo for QStoredDrag

18.2.8.7 Class data for QDropSite

The virtual table for the QDropSite class is described by Table 18-71

Table 18-71 Primary vtable for QDropSite

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDropSite
vfunc[0]:	QDropSite::~QDropSite()
vfunc[1]:	QDropSite::~QDropSite()

The Run Time Type Information for the QDropSite class is described by Table 18-72

Table 18-72 typeinfo for QDropSite

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QDropSite

 © 2008 Linux Foundation

18.2.8.8 Class data for QStoredDrag

The virtual table for the QStoredDrag class is described by Table 18-73

Table 18-73 Primary vtable for QStoredDrag

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStoredDrag
vfunc[0]:	NULL or QStoredDrag::metaObject() const
vfunc[1]:	QStoredDrag::className() const
vfunc[2]:	QStoredDrag::qt_cast(char const*)
vfunc[3]:	QStoredDrag::qt_invoke(int, QUObject*)
vfunc[4]:	QStoredDrag::qt_emit(int, QUObject*)
vfunc[5]:	QStoredDrag::qt_property(int, int, QVariant*)
vfunc[6]:	QStoredDrag::~QStoredDrag()
vfunc[7]:	QStoredDrag::~QStoredDrag()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QDragObject::setPixmap(QPixmap)
vfunc[22]:	QDragObject::setPixmap(QPixmap, QPoint const&)
vfunc[23]:	QDragObject::drag(QDragObject::DragMode)
vfunc[24]:	QStoredDrag::setEncodedData(QMemArray<char> const&)

vfunc[25]:	QStoredDrag::format(int) const
vfunc[26]:	QStoredDrag::encodedData(char const*) const

The Run Time Type Information for the QStoredDrag class is described by Table 18-74

Table 18-74 typeinfo for QStoredDrag

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStoredDrag
basetype:	typeinfo for QDragObject

18.2.8.9 Class data for QTextDrag

The virtual table for the QTextDrag class is described by Table 18-75

Table 18-75 Primary vtable for QTextDrag

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextDrag
vfunc[0]:	NULL or QTextDrag::metaObject() const
vfunc[1]:	QTextDrag::className() const
vfunc[2]:	QTextDrag::qt_cast(char const*)
vfunc[3]:	QTextDrag::qt_invoke(int, QUObject*)
vfunc[4]:	QTextDrag::qt_emit(int, QUObject*)
vfunc[5]:	QTextDrag::qt_property(int, int, QVariant*)
vfunc[6]:	QTextDrag::~QTextDrag()
vfunc[7]:	QTextDrag::~QTextDrag()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)

© 2008 Linux Foundation

vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QDragObject::setPixmap(QPixmap)
vfunc[22]:	QDragObject::setPixmap(QPixmap, QPoint const&)
vfunc[23]:	QDragObject::drag(QDragObject::DragMode)
vfunc[24]:	QTextDrag::setText(QString const&)
vfunc[25]:	QTextDrag::setSubtype(QCString const&)
vfunc[26]:	QTextDrag::format(int) const
vfunc[27]:	QTextDrag::encodedData(char const*) const

The Run Time Type Information for the QTextDrag class is described by Table 18-76

Table 18-76 typeinfo for QTextDrag

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextDrag
basetype:	typeinfo for QDragObject

18.2.8.10 Class data for QDragEnterEvent

The virtual table for the QDragEnterEvent class is described by Table 18-77

Table 18-77 Primary vtable for QDragEnterEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDragEnterEvent
vfunc[0]:	NULL or QDragEnterEvent::~QDragEnterEvent()
vfunc[1]:	NULL or QDragEnterEvent::~QDragEnterEvent()
vfunc[2]:	QDropEvent::format(int) const
vfunc[3]:	QDropEvent::encodedData(char const*) const
vfunc[4]:	QDropEvent::provides(char const*) const

The Run Time Type Information for the QDragEnterEvent class is described by

Table 18-78

Table 18-78 typeinfo for QDragEnterEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragEnterEvent
basetype:	typeinfo for QDragMoveEvent

18.2.8.11 Class data for QDragMoveEvent

The virtual table for the QDragMoveEvent class is described by Table 18-79

Table 18-79 Primary vtable for QDragMoveEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDragMoveEvent
vfunc[0]:	NULL or QDragMoveEvent::~QDragMoveEvent()
vfunc[1]:	NULL or QDragMoveEvent::~QDragMoveEvent()
vfunc[2]:	QDropEvent::format(int) const
vfunc[3]:	QDropEvent::encodedData(char const*) const
vfunc[4]:	QDropEvent::provides(char const*) const

The Run Time Type Information for the QDragMoveEvent class is described by Table 18-80

Table 18-80 typeinfo for QDragMoveEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragMoveEvent
basetype:	typeinfo for QDropEvent

18.2.8.12 Class data for QDropEvent

The virtual table for the QDropEvent class is described by Table 18-81

Table 18-81 Primary vtable for QDropEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDropEvent
vfunc[0]:	NULL or QDropEvent::~QDropEvent()
vfunc[1]:	NULL or QDropEvent::~QDropEvent()

© 2008 Linux Foundation

vfunc[2]:	QDropEvent::format(int) const
vfunc[3]:	QDropEvent::encodedData(char const*) const
vfunc[4]:	QDropEvent::provides(char const*) const

The Run Time Type Information for the QDropEvent class is described by Table 18-82

Table 18-82 typeinfo for QDropEvent

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QDropEvent	
flags:	0	
basetype:	typeinfo for QEvent	2
basetype:	typeinfo for QMimeSource	3074

18.2.8.13 Class data for QDragObject

The virtual table for the QDragObject class is described by Table 18-83

Table 18-83 Primary vtable for QDragObject

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDragObject
vfunc[0]:	NULL or QDragObject::metaObject() const
vfunc[1]:	QDragObject::className() const
vfunc[2]:	QDragObject::qt_cast(char const*)
vfunc[3]:	QDragObject::qt_invoke(int, QUObject*)
vfunc[4]:	QDragObject::qt_emit(int, QUObject*)
vfunc[5]:	QDragObject::qt_property(int, int, QVariant*)
vfunc[6]:	QDragObject::~QDragObject()
vfunc[7]:	QDragObject::~QDragObject()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)

vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QDragObject::setPixmap(QPixmap)
vfunc[22]:	QDragObject::setPixmap(QPixmap, QPoint const&)
vfunc[23]:	QDragObject::drag(QDragObject::DragMode)

The Run Time Type Information for the QDragObject class is described by Table 18-84

Table 18-84 typeinfo for QDragObject

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QDragObject	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QMimeSource	10242

18.2.8.14 Class data for QIconDragItem

The virtual table for the QIconDragItem class is described by Table 18-85

Table 18-85 Primary vtable for QIconDragItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIconDragItem
vfunc[0]:	QIconDragItem::~QIconDragItem()
vfunc[1]:	QIconDragItem::~QIconDragItem()
vfunc[2]:	QIconDragItem::data() const
vfunc[3]:	QIconDragItem::setData(QMemArray<char> const&)

The Run Time Type Information for the QIconDragItem class is described by

© 2008 Linux Foundation

Table 18-86

Table 18-86 typeinfo for QIconDragItem

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QIconDragItem

18.2.8.15 Interfaces for Qt3 Drag and Drop

An LSB conforming implementation shall provide the generic functions for Qt3 Drag and Drop specified in Table 18-87, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-87 libqt-mt - Qt3 Drag and Drop Function Interfaces

_ZN10QColorDrag11qt_propertyEiiP8QVariant [qt-mt]	_ZN10QColorDrag16staticMetaObjectEv [qt-mt]
_ZN10QColorDrag18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QColorDrag2trEPKcS1_ [qt-mt]
_ZN10QColorDrag6decodeEP11QMimeSourceR6QColor [qt-mt]	_ZN10QColorDrag6trUtf8EPKcS1_ [qt-mt]
_ZN10QColorDrag7qt_castEPKc [qt-mt]	_ZN10QColorDrag7qt_emitEiP8QUObject [qt-mt]
_ZN10QColorDrag8setColorERK6QColor [qt-mt]	_ZN10QColorDrag9canDecodeEP11QMimeSource [qt-mt]
_ZN10QColorDrag9qt_invokeEiP8QUObject [qt-mt]	_ZN10QColorDragC1EP7QWidgetPKc [qt-mt]
_ZN10QColorDragC1ERK6QColorP7QWidgetPKc [qt-mt]	_ZN10QColorDragC2EP7QWidgetPKc [qt-mt]
_ZN10QColorDragC2ERK6QColorP7QWidgetPKc [qt-mt]	_ZN10QImageDrag11qt_propertyEiiP8QVariant [qt-mt]
_ZN10QImageDrag16staticMetaObjectEv [qt-mt]	_ZN10QImageDrag18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN10QImageDrag2trEPKcS1 [qt-mt]	_ZN10QImageDrag6decodeEPK11QMimeSourceR6QImage [qt-mt]
_ZN10QImageDrag6decodeEPK11QMimeSourceR7QPixmap [qt-mt]	_ZN10QImageDrag6trUtf8EPKcS1_ [qt-mt]
_ZN10QImageDrag7qt_castEPKc [qt-mt]	_ZN10QImageDrag7qt_emitEiP8QUObject [qt-mt]
_ZN10QImageDrag8setImageE6QImage [qt-mt]	_ZN10QImageDrag9canDecodeEPK11QMimeSource [qt-mt]
_ZN10QImageDrag9qt_invokeEiP8QUObject [qt-mt]	_ZN10QImageDragC1E6QImageP7QWidgetPKc [qt-mt]
_ZN10QImageDragC1EP7QWidgetPKc [qt-mt]	_ZN10QImageDragC2E6QImageP7QWidgetPKc [qt-mt]
_ZN10QImageDragC2EP7QWidgetPKc [qt-mt]	_ZN10QImageDragD0Ev [qt-mt]
_ZN10QImageDragD1Ev [qt-mt]	_ZN10QImageDragD2Ev [qt-mt]

_ZN11QDragObject11qt_propertyEiiP8QVariant [qt-mt]	_ZN11QDragObject16staticMetaObjectEv [qt-mt]
_ZN11QDragObject18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QDragObject2trEPKcS1_ [qt-mt]
_ZN11QDragObject4dragENS_8DragModeE [qt-mt]	_ZN11QDragObject4dragEv [qt-mt]
_ZN11QDragObject6sourceEv [qt-mt]	_ZN11QDragObject6targetEv [qt-mt]
ZN11QDragObject6trUtf8EPKcS1 [qt-mt]	_ZN11QDragObject7qt_castEPKc [qt-mt]
_ZN11QDragObject7qt_emitEiP8QUObject [qt-mt]	_ZN11QDragObject8dragCopyEv [qt-mt]
_ZN11QDragObject8dragLinkEv [qt-mt]	_ZN11QDragObject8dragMoveEv [qt-mt]
_ZN11QDragObject9qt_invokeEiP8QUObject [qt-mt]	_ZN11QDragObject9setPixmapE7QPixmap [qt-mt]
_ZN11QDragObject9setPixmapE7QPixmapRK6QPoint [qt-mt]	_ZN11QDragObject9setTargetEP7QWidget [qt-mt]
_ZN11QDragObjectC1EP7QWidgetPKc [qt-mt]	_ZN11QDragObjectC2EP7QWidgetPKc [qt-mt]
_ZN11QDragObjectD0Ev [qt-mt]	_ZN11QDragObjectD1Ev [qt-mt]
_ZN11QDragObjectD2Ev [qt-mt]	_ZN11QStoredDrag11qt_propertyEiiP8QVariant [qt-mt]
_ZN11QStoredDrag14setEncodedDataERK9QMemArrayIcE [qt-mt]	_ZN11QStoredDrag16staticMetaObjectEv [qt-mt]
_ZN11QStoredDrag18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QStoredDrag2trEPKcS1_ [qt-mt]
ZN11QStoredDrag6trUtf8EPKcS1 [qt-mt]	_ZN11QStoredDrag7qt_castEPKc [qt-mt]
_ZN11QStoredDrag7qt_emitEiP8QUObject [qt-mt]	_ZN11QStoredDrag9qt_invokeEiP8QUObject [qt-mt]
ZN11QStoredDragC1EPKcP7QWidgetS1 [qt-mt]	_ZN11QStoredDragC2EPKcP7QWidgetS1_ [qt-mt]
_ZN11QStoredDragD0Ev [qt-mt]	_ZN11QStoredDragD1Ev [qt-mt]
_ZN11QStoredDragD2Ev [qt-mt]	_ZN13QIconDragData11setTextRectERK5QRect [qt-mt]
_ZN13QIconDragData13setPixmapRectERK5QRect [qt-mt]	_ZN13QIconDragDataC1ERK5QRectS2_ [qt-mt]
_ZN13QIconDragDataC1Ev [qt-mt]	_ZN13QIconDragDataC2ERK5QRectS2_ [qt-mt]
_ZN13QIconDragDataC2Ev [qt-mt]	_ZN13QIconDragItem7setDataERK9QMemArrayIcE [qt-mt]
_ZN13QIconDragItemC1Ev [qt-mt]	_ZN13QIconDragItemC2Ev [qt-mt]
_ZN13QIconDragItemD0Ev [qt-mt]	_ZN13QIconDragItemD1Ev [qt-mt]
_ZN13QIconDragItemD2Ev [qt-mt]	_ZN8QUriDrag11qt_propertyEiiP8Q

© 2008 Linux Foundation

	Variant [qt-mt]
_ZN8QUriDrag12setFileNamesERK11QStringList [qt-mt]	_ZN8QUriDrag14localFileToUriERK7QString [qt-mt]
_ZN8QUriDrag14setUnicodeUrisERK11QStringList [qt-mt]	_ZN8QUriDrag14uriToLocalFileEPKc [qt-mt]
_ZN8QUriDrag15unicodeUriToUriERK7QString [qt-mt]	_ZN8QUriDrag15uriToUnicodeUriEPKc [qt-mt]
_ZN8QUriDrag16decodeLocalFilesEPK11QMimeSourceR11QStringList [qt-mt]	_ZN8QUriDrag16staticMetaObjectEv [qt-mt]
_ZN8QUriDrag18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN8QUriDrag19decodeToUnicodeUrisEPK11QMimeSourceR11QStringList [qt-mt]
ZN8QUriDrag2trEPKcS1 [qt-mt]	_ZN8QUriDrag6decodeEPK11QMimeSourceR8QStrList [qt-mt]
ZN8QUriDrag6trUtf8EPKcS1 [qt-mt]	_ZN8QUriDrag7qt_castEPKc [qt-mt]
_ZN8QUriDrag7qt_emitEiP8QUObject [qt-mt]	_ZN8QUriDrag7setUrisE8QStrList [qt-mt]
_ZN8QUriDrag9canDecodeEPK11QMimeSource [qt-mt]	_ZN8QUriDrag9qt_invokeEiP8QUObject [qt-mt]
_ZN8QUriDragC1E8QStrListP7QWidgetPKc [qt-mt]	_ZN8QUriDragC1EP7QWidgetPKc [qt-mt]
_ZN8QUriDragC2E8QStrListP7QWidgetPKc [qt-mt]	_ZN8QUriDragC2EP7QWidgetPKc [qt-mt]
_ZN8QUriDragD0Ev [qt-mt]	_ZN8QUriDragD1Ev [qt-mt]
_ZN8QUriDragD2Ev [qt-mt]	_ZN9QDropSiteC1EP7QWidget [qt-mt]
_ZN9QDropSiteC2EP7QWidget [qt-mt]	_ZN9QDropSiteD0Ev [qt-mt]
_ZN9QDropSiteD1Ev [qt-mt]	_ZN9QDropSiteD2Ev [qt-mt]
_ZN9QIconDrag11qt_propertyEiiP8QVariant [qt-mt]	_ZN9QIconDrag16staticMetaObjectEv [qt-mt]
_ZN9QIconDrag18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN9QIconDrag2trEPKcS1_ [qt-mt]
ZN9QIconDrag6appendERK13QIconDragItemRK5QRectS5 [qt-mt]	_ZN9QIconDrag6trUtf8EPKcS1_ [qt-mt]
_ZN9QIconDrag7qt_castEPKc [qt-mt]	_ZN9QIconDrag7qt_emitEiP8QUObject [qt-mt]
_ZN9QIconDrag9canDecodeEP11QMimeSource [qt-mt]	_ZN9QIconDrag9qt_invokeEiP8QUObject [qt-mt]
_ZN9QIconDragC1EP7QWidgetPKc [qt-mt]	_ZN9QIconDragC2EP7QWidgetPKc [qt-mt]
_ZN9QIconDragD0Ev [qt-mt]	_ZN9QIconDragD1Ev [qt-mt]
_ZN9QIconDragD2Ev [qt-mt]	_ZN9QTextDrag10setSubtypeERK8

	QCString [qt-mt]
_ZN9QTextDrag11qt_propertyEiiP8QVariant [qt-mt]	_ZN9QTextDrag16staticMetaObjectEv [qt-mt]
_ZN9QTextDrag18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN9QTextDrag2trEPKcS1_ [qt-mt]
_ZN9QTextDrag6decodeEPK11QMimeSourceR7QString [qt-mt]	_ZN9QTextDrag6decodeEPK11QMimeSourceR7QStringR8QCString [qt-mt]
ZN9QTextDrag6trUtf8EPKcS1 [qt-mt]	_ZN9QTextDrag7qt_castEPKc [qt-mt]
_ZN9QTextDrag7qt_emitEiP8QUObject [qt-mt]	_ZN9QTextDrag7setTextERK7QString [qt-mt]
_ZN9QTextDrag9canDecodeEPK11QMimeSource [qt-mt]	_ZN9QTextDrag9qt_invokeEiP8QUObject [qt-mt]
_ZN9QTextDragC1EP7QWidgetPKc [qt-mt]	_ZN9QTextDragC1ERK7QStringP7QWidgetPKc [qt-mt]
_ZN9QTextDragC2EP7QWidgetPKc [qt-mt]	_ZN9QTextDragC2ERK7QStringP7QWidgetPKc [qt-mt]
_ZN9QTextDragD0Ev [qt-mt]	_ZN9QTextDragD1Ev [qt-mt]
_ZN9QTextDragD2Ev [qt-mt]	_ZNK10QColorDrag9classNameEv [qt-mt]
_ZNK10QDropEvent11encodedDataEPKc [qt-mt]	_ZNK10QDropEvent6formatEi [qt-mt]
_ZNK10QDropEvent6sourceEv [qt-mt]	_ZNK10QDropEvent8providesEPKc [qt-mt]
_ZNK10QImageDrag11encodedDataEPKc [qt-mt]	_ZNK10QImageDrag6formatEi [qt-mt]
_ZNK10QImageDrag9classNameEv [qt-mt]	_ZNK11QDragObject13pixmapHotSpotEv [qt-mt]
_ZNK11QDragObject6pixmapEv [qt-mt]	_ZNK11QDragObject9classNameEv [qt-mt]
_ZNK11QStoredDrag11encodedDataEPKc [qt-mt]	_ZNK11QStoredDrag6formatEi [qt-mt]
_ZNK11QStoredDrag9classNameEv [qt-mt]	_ZNK13QIconDragData10pixmapRectEv [qt-mt]
_ZNK13QIconDragData8textRectEv [qt-mt]	_ZNK13QIconDragDataeqERKS_ [qt-mt]
_ZNK13QIconDragItem4dataEv [qt-mt]	_ZNK13QIconDragItemeqERKS_ [qt-mt]
ZNK17QIconDragDataItemeqERKS [qt-mt]	_ZNK8QUriDrag9classNameEv [qt-mt]
_ZNK9QIconDrag11encodedDataEPKc [qt-mt]	_ZNK9QIconDrag6formatEi [qt-mt]
_ZNK9QIconDrag9classNameEv [qt-mt]	_ZNK9QTextDrag11encodedDataEPKc [qt-mt]

© 2008 Linux Foundation

_ZNK9QTextDrag6formatEi [qt-mt]	_ZNK9QTextDrag9classNameEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Drag and Drop specified in Table 18-88, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-88 libqt-mt - Qt3 Drag and Drop Data Interfaces

_ZN10QColorDrag7metaObjE [qt-mt]	_ZN10QImageDrag7metaObjE [qt-mt]
_ZN11QDragObject7metaObjE [qt-mt]	_ZN11QStoredDrag7metaObjE [qt-mt]
_ZN8QUriDrag7metaObjE [qt-mt]	_ZN9QIconDrag7metaObjE [qt-mt]
_ZN9QTextDrag7metaObjE [qt-mt]	_ZTI10QColorDrag [CXXABI]
_ZTI10QDropEvent [CXXABI]	_ZTI10QImageDrag [CXXABI]
_ZTI11QDragObject [CXXABI]	_ZTI11QStoredDrag [CXXABI]
_ZTI13QIconDragItem [CXXABI]	_ZTI14QDragMoveEvent [CXXABI]
_ZTI15QDragEnterEvent [CXXABI]	_ZTI15QDragLeaveEvent [CXXABI]
_ZTI18QDragResponseEvent [CXXABI]	_ZTI8QUriDrag [CXXABI]
_ZTI9QDropSite [CXXABI]	_ZTI9QIconDrag [CXXABI]
_ZTI9QTextDrag [CXXABI]	_ZTV10QColorDrag [CXXABI]
_ZTV10QDropEvent [CXXABI]	_ZTV10QImageDrag [CXXABI]
_ZTV11QDragObject [CXXABI]	_ZTV11QStoredDrag [CXXABI]
_ZTV13QIconDragItem [CXXABI]	_ZTV14QDragMoveEvent [CXXABI]
_ZTV15QDragEnterEvent [CXXABI]	_ZTV15QDragLeaveEvent [CXXABI]
_ZTV18QDragResponseEvent [CXXABI]	_ZTV8QUriDrag [CXXABI]
_ZTV9QDropSite [CXXABI]	_ZTV9QIconDrag [CXXABI]
_ZTV9QTextDrag [CXXABI]	

18.2.9 Qt3 Events

18.2.9.1 Class data for QContextMenuEvent

The virtual table for the QContextMenuEvent class is described by Table 18-89

Table 18-89 Primary vtable for QContextMenuEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QContextMenuEvent
vfunc[0]:	NULL or QContextMenuEvent::~QContextMenuEvent()
vfunc[1]:	NULL or QContextMenuEvent::~QContextMe

	nuEvent()

The Run Time Type Information for the QContextMenuEvent class is described by Table 18-90

Table 18-90 typeinfo for QContextMenuEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QContextMenuEvent
basetype:	typeinfo for QEvent

18.2.9.2 Class data for QIMEvent

The virtual table for the QIMEvent class is described by Table 18-91

Table 18-91 Primary vtable for QIMEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIMEvent
vfunc[0]:	NULL or QIMEvent::~QIMEvent()
vfunc[1]:	NULL or QIMEvent::~QIMEvent()

The Run Time Type Information for the QIMEvent class is described by Table 18-92

Table 18-92 typeinfo for QIMEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIMEvent
basetype:	typeinfo for QEvent

18.2.9.3 Class data for QTimerEvent

The virtual table for the QTimerEvent class is described by Table 18-93

Table 18-93 Primary vtable for QTimerEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTimerEvent
vfunc[0]:	NULL or QTimerEvent::~QTimerEvent()
vfunc[1]:	NULL or QTimerEvent::~QTimerEvent()

The Run Time Type Information for the QTimerEvent class is described by Table 18-94

Table 18-94 typeinfo for QTimerEvent

Base Vtable	vtable for

© 2008 Linux Foundation

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QTimerEvent
basetype:	typeinfo for QEvent

18.2.9.4 Class data for QKeyEvent

The virtual table for the QKeyEvent class is described by Table 18-95

Table 18-95 Primary vtable for QKeyEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QKeyEvent
vfunc[0]:	NULL or QKeyEvent::~QKeyEvent()
vfunc[1]:	NULL or QKeyEvent::~QKeyEvent()

The Run Time Type Information for the QKeyEvent class is described by Table 18-96

Table 18-96 typeinfo for QKeyEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QKeyEvent
basetype:	typeinfo for QEvent

18.2.9.5 Class data for QCustomEvent

The virtual table for the QCustomEvent class is described by Table 18-97

Table 18-97 Primary vtable for QCustomEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCustomEvent
vfunc[0]:	NULL or QCustomEvent::~QCustomEvent()
vfunc[1]:	NULL or QCustomEvent::~QCustomEvent()

The Run Time Type Information for the QCustomEvent class is described by Table 18-98

Table 18-98 typeinfo for QCustomEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCustomEvent
basetype:	typeinfo for QEvent

18.2.9.6 Class data for QEventLoop

The virtual table for the QEventLoop class is described by Table 18-99

Table 18-99 Primary vtable for QEventLoop

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QEventLoop
vfunc[0]:	NULL or QEventLoop::metaObject() const
vfunc[1]:	QEventLoop::className() const
vfunc[2]:	QEventLoop::qt_cast(char const*)
vfunc[3]:	QEventLoop::qt_invoke(int, QUObject*)
vfunc[4]:	QEventLoop::qt_emit(int, QUObject*)
vfunc[5]:	QEventLoop::qt_property(int, int, QVariant*)
vfunc[6]:	QEventLoop::~QEventLoop()
vfunc[7]:	QEventLoop::~QEventLoop()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QEventLoop::processEvents(unsigned int)
vfunc[22]:	QEventLoop::hasPendingEvents() const
vfunc[23]:	QEventLoop::registerSocketNotifier(QSocketNotifier*)
vfunc[24]:	QEventLoop::unregisterSocketNotifier(QSocketNotifier*)
vfunc[25]:	QEventLoop::exec()

© 2008 Linux Foundation

vfunc[26]:	QEventLoop::exit(int)
vfunc[27]:	QEventLoop::enterLoop()
vfunc[28]:	QEventLoop::exitLoop()
vfunc[29]:	QEventLoop::loopLevel() const
vfunc[30]:	QEventLoop::wakeUp()
vfunc[31]:	QEventLoop::appStartingUp()
vfunc[32]:	QEventLoop::appClosingDown()

The Run Time Type Information for the QEventLoop class is described by Table 18-100

Table 18-100 typeinfo for QEventLoop

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QEventLoop
basetype:	typeinfo for QObject

18.2.9.7 Class data for QHideEvent

The virtual table for the QHideEvent class is described by Table 18-101

Table 18-101 Primary vtable for QHideEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHideEvent
vfunc[0]:	NULL or QHideEvent::~QHideEvent()
vfunc[1]:	NULL or QHideEvent::~QHideEvent()

The Run Time Type Information for the QHideEvent class is described by Table 18-102

Table 18-102 typeinfo for QHideEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHideEvent
basetype:	typeinfo for QEvent

18.2.9.8 Class data for QResizeEvent

The virtual table for the QResizeEvent class is described by Table 18-103

Table 18-103 Primary vtable for QResizeEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QResizeEvent
vfunc[0]:	NULL or

	QResizeEvent::~QResizeEvent()
vfunc[1]:	NULL or QResizeEvent::~QResizeEvent()

The Run Time Type Information for the QResizeEvent class is described by Table 18-104

Table 18-104 typeinfo for QResizeEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QResizeEvent
basetype:	typeinfo for QEvent

18.2.9.9 Class data for QTabletEvent

The virtual table for the QTabletEvent class is described by Table 18-105

Table 18-105 Primary vtable for QTabletEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTabletEvent
vfunc[0]:	NULL or QTabletEvent::~QTabletEvent()
vfunc[1]:	NULL or QTabletEvent::~QTabletEvent()

The Run Time Type Information for the QTabletEvent class is described by Table 18-106

Table 18-106 typeinfo for QTabletEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTabletEvent
basetype:	typeinfo for QEvent

18.2.9.10 Class data for QFocusEvent

The virtual table for the QFocusEvent class is described by Table 18-107

Table 18-107 Primary vtable for QFocusEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFocusEvent
vfunc[0]:	NULL or QFocusEvent::~QFocusEvent()
vfunc[1]:	NULL or QFocusEvent::~QFocusEvent()

The Run Time Type Information for the QFocusEvent class is described by Table 18-108

 © 2008 Linux Foundation

Table 18-108 typeinfo for QFocusEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFocusEvent
basetype:	typeinfo for QEvent

18.2.9.11 Class data for QMouseEvent

The virtual table for the QMouseEvent class is described by Table 18-109

Table 18-109 Primary vtable for QMouseEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMouseEvent
vfunc[0]:	NULL or QMouseEvent::~QMouseEvent()
vfunc[1]:	NULL or QMouseEvent::~QMouseEvent()

The Run Time Type Information for the QMouseEvent class is described by Table 18-110

Table 18-110 typeinfo for QMouseEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMouseEvent
basetype:	typeinfo for QEvent

18.2.9.12 Class data for QChildEvent

The virtual table for the QChildEvent class is described by Table 18-111

Table 18-111 Primary vtable for QChildEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QChildEvent
vfunc[0]:	NULL or QChildEvent::~QChildEvent()
vfunc[1]:	NULL or QChildEvent::~QChildEvent()

The Run Time Type Information for the QChildEvent class is described by Table 18-112

Table 18-112 typeinfo for QChildEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QChildEvent
basetype:	typeinfo for QEvent

18.2.9.13 Class data for QEvent

The virtual table for the QEvent class is described by Table 18-113

Table 18-113 Primary vtable for QEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QEvent
vfunc[0]:	QEvent::~QEvent()
vfunc[1]:	QEvent::~QEvent()

The Run Time Type Information for the QEvent class is described by Table 18-114

Table 18-114 typeinfo for QEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QEvent
basetype:	typeinfo for Qt

18.2.9.14 Class data for QIMComposeEvent

The virtual table for the QIMComposeEvent class is described by Table 18-115

Table 18-115 Primary vtable for QIMComposeEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIMComposeEvent
vfunc[0]:	NULL or QIMComposeEvent::~QIMComposeEvent()
vfunc[1]:	NULL or QIMComposeEvent::~QIMComposeEvent()

The Run Time Type Information for the QIMComposeEvent class is described by Table 18-116

Table 18-116 typeinfo for QIMComposeEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIMComposeEvent
basetype:	typeinfo for QIMEvent

18.2.9.15 Class data for QShowEvent

The virtual table for the QShowEvent class is described by Table 18-117

 © 2008 Linux Foundation

Table 18-117 Primary vtable for QShowEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QShowEvent
vfunc[0]:	NULL or QShowEvent::~QShowEvent()
vfunc[1]:	NULL or QShowEvent::~QShowEvent()

The Run Time Type Information for the QShowEvent class is described by Table 18-118

Table 18-118 typeinfo for QShowEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QShowEvent
basetype:	typeinfo for QEvent

18.2.9.16 Class data for QPaintEvent

The virtual table for the QPaintEvent class is described by Table 18-119

Table 18-119 Primary vtable for QPaintEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPaintEvent
vfunc[0]:	NULL or QPaintEvent::~QPaintEvent()
vfunc[1]:	NULL or QPaintEvent::~QPaintEvent()

The Run Time Type Information for the QPaintEvent class is described by Table 18-120

Table 18-120 typeinfo for QPaintEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPaintEvent
basetype:	typeinfo for QEvent

18.2.9.17 Class data for QWheelEvent

The virtual table for the QWheelEvent class is described by Table 18-121

Table 18-121 Primary vtable for QWheelEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWheelEvent
vfunc[0]:	NULL or

	QWheelEvent::~QWheelEvent()
vfunc[1]:	NULL or QWheelEvent::~QWheelEvent()

The Run Time Type Information for the QWheelEvent class is described by Table 18-122

Table 18-122 typeinfo for QWheelEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWheelEvent
basetype:	typeinfo for QEvent

18.2.9.18 Class data for QMoveEvent

The virtual table for the QMoveEvent class is described by Table 18-123

Table 18-123 Primary vtable for QMoveEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMoveEvent
vfunc[0]:	NULL or QMoveEvent::~QMoveEvent()
vfunc[1]:	NULL or QMoveEvent::~QMoveEvent()

The Run Time Type Information for the QMoveEvent class is described by Table 18-124

Table 18-124 typeinfo for QMoveEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMoveEvent
basetype:	typeinfo for QEvent

18.2.9.19 Class data for QCloseEvent

The virtual table for the QCloseEvent class is described by Table 18-125

Table 18-125 Primary vtable for QCloseEvent

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCloseEvent
vfunc[0]:	NULL or QCloseEvent::~QCloseEvent()
vfunc[1]:	NULL or QCloseEvent::~QCloseEvent()

The Run Time Type Information for the QCloseEvent class is described by Table 18-126

 © 2008 Linux Foundation

Table 18-126 typeinfo for QCloseEvent

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCloseEvent
basetype:	typeinfo for QEvent

18.2.9.20 Interfaces for Qt3 Events

An LSB conforming implementation shall provide the generic functions for Qt3 Events specified in Table 18-127, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-127 libqt-mt - Qt3 Events Function Interfaces

_ZN10QEventLoop11qt_propertyEiiP8QVariant [qt-mt]	_ZN10QEventLoop12aboutToBlockEv [qt-mt]
_ZN10QEventLoop13appStartingUpEv [qt-mt]	_ZN10QEventLoop13processEventsEj [qt-mt]
_ZN10QEventLoop13processEventsEji [qt-mt]	_ZN10QEventLoop14activateTimersEv [qt-mt]
_ZN10QEventLoop14appClosingDownEv [qt-mt]	_ZN10QEventLoop16staticMetaObjectEv [qt-mt]
_ZN10QEventLoop18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QEventLoop22registerSocketNotifierEP15QSocketNotifier [qt-mt]
_ZN10QEventLoop23activateSocketNotifiersEv [qt-mt]	_ZN10QEventLoop24setSocketNotifierPendingEP15QSocketNotifier [qt-mt]
_ZN10QEventLoop24unregisterSocketNotifierEP15QSocketNotifier [qt-mt]	_ZN10QEventLoop2trEPKcS1_ [qt-mt]
_ZN10QEventLoop4execEv [qt-mt]	_ZN10QEventLoop4exitEi [qt-mt]
_ZN10QEventLoop4initEv [qt-mt]	_ZN10QEventLoop5awakeEv [qt-mt]
ZN10QEventLoop6trUtf8EPKcS1 [qt-mt]	_ZN10QEventLoop6wakeUpEv [qt-mt]
_ZN10QEventLoop7cleanupEv [qt-mt]	_ZN10QEventLoop7qt_castEPKc [qt-mt]
_ZN10QEventLoop7qt_emitEiP8QUObject [qt-mt]	_ZN10QEventLoop8exitLoopEv [qt-mt]
_ZN10QEventLoop9enterLoopEv [qt-mt]	_ZN10QEventLoop9qt_invokeEiP8QUObject [qt-mt]
_ZN10QEventLoopC1EP7QObjectPKc [qt-mt]	_ZN10QEventLoopC2EP7QObjectPKc [qt-mt]
_ZN10QEventLoopD0Ev [qt-mt]	_ZN10QEventLoopD1Ev [qt-mt]
_ZN10QEventLoopD2Ev [qt-mt]	_ZN11QFocusEvent11resetReasonEv [qt-mt]
_ZN11QFocusEvent6reasonEv [qt-mt]	_ZN11QFocusEvent9setReasonENS_6ReasonE [qt-mt]

_ZN11QMouseEventC1EN6QEvent4TypeERK6QPointii [qt-mt]	_ZN11QMouseEventC2EN6QEvent4TypeERK6QPointii [qt-mt]
_ZN11QWheelEventC1ERK6QPointiiN2Qt11OrientationE [qt-mt]	_ZN11QWheelEventC2ERK6QPointiiN2Qt11OrientationE [qt-mt]
_ZN12QCustomEventC1Ei [qt-mt]	_ZN12QCustomEventC2Ei [qt-mt]
_ZN12QTabletEventC1EN6QEvent4TypeERK6QPointS4_iiiiRK5QPairIiiE [qt-mt]	_ZN12QTabletEventC2EN6QEvent4TypeERK6QPointS4_iiiiRK5QPairIiiE [qt-mt]
_ZN17QContextMenuEventC1ENS_6ReasonERK6QPointi [qt-mt]	_ZN17QContextMenuEventC2ENS_6ReasonERK6QPointi [qt-mt]
_ZN6QEventD0Ev [qt-mt]	_ZN6QEventD1Ev [qt-mt]
_ZN6QEventD2Ev [qt-mt]	_ZNK10QEventLoop10timeToWaitEv [qt-mt]
_ZNK10QEventLoop16hasPendingEventsEv [qt-mt]	_ZNK10QEventLoop9classNameEv [qt-mt]
_ZNK10QEventLoop9loopLevelEv [qt-mt]	_ZNK11QMouseEvent10stateAfterEv [qt-mt]
_ZNK9QKeyEvent10stateAfterEv [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Events specified in Table 18-128, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-128 libqt-mt - Qt3 Events Data Interfaces

_ZN10QEventLoop7metaObjE [qt-mt]	_ZN11QFocusEvent11prev_reasonE [qt-mt]
_ZN11QFocusEvent8m_reasonE [qt-mt]	_ZTI10QEventLoop [CXXABI]
_ZTI10QHideEvent [CXXABI]	_ZTI10QMoveEvent [CXXABI]
_ZTI10QShowEvent [CXXABI]	_ZTI11QChildEvent [CXXABI]
_ZTI11QCloseEvent [CXXABI]	_ZTI11QFocusEvent [CXXABI]
_ZTI11QMouseEvent [CXXABI]	_ZTI11QPaintEvent [CXXABI]
_ZTI11QTimerEvent [CXXABI]	_ZTI11QWheelEvent [CXXABI]
_ZTI12QCustomEvent [CXXABI]	_ZTI12QResizeEvent [CXXABI]
_ZTI12QTabletEvent [CXXABI]	_ZTI15QIMComposeEvent [CXXABI]
_ZTI17QContextMenuEvent [CXXABI]	_ZTI6QEvent [CXXABI]
_ZTI8QIMEvent [CXXABI]	_ZTI9QKeyEvent [CXXABI]
_ZTV10QEventLoop [CXXABI]	_ZTV10QHideEvent [CXXABI]
_ZTV10QMoveEvent [CXXABI]	_ZTV10QShowEvent [CXXABI]
_ZTV11QChildEvent [CXXABI]	_ZTV11QCloseEvent [CXXABI]
_ZTV11QFocusEvent [CXXABI]	_ZTV11QMouseEvent [CXXABI]
_ZTV11QPaintEvent [CXXABI]	_ZTV11QTimerEvent [CXXABI]

 © 2008 Linux Foundation

_ZTV11QWheelEvent [CXXABI]	_ZTV12QCustomEvent [CXXABI]
_ZTV12QResizeEvent [CXXABI]	_ZTV12QTabletEvent [CXXABI]
_ZTV15QIMComposeEvent [CXXABI]	_ZTV17QContextMenuEvent [CXXABI]
_ZTV6QEvent [CXXABI]	_ZTV8QIMEvent [CXXABI]
_ZTV9QKeyEvent [CXXABI]	

18.2.10 Qt3 Internationalization

18.2.10.1 Class data for QUtf8Codec

The virtual table for the QUtf8Codec class is described by Table 18-129

Table 18-129 Primary vtable for QUtf8Codec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QUtf8Codec
vfunc[0]:	NULL or QUtf8Codec::~QUtf8Codec()
vfunc[1]:	NULL or QUtf8Codec::~QUtf8Codec()
vfunc[2]:	QUtf8Codec::name() const
vfunc[3]:	QTextCodec::mimeName() const
vfunc[4]:	QUtf8Codec::mibEnum() const
vfunc[5]:	QUtf8Codec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QUtf8Codec::toUnicode(char const*, int) const
vfunc[8]:	QUtf8Codec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QUtf8Codec::heuristicContentMatch (char const*, int) const
vfunc[12]:	QTextCodec::heuristicNameMatch(c har const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode (QString const&, int) const

The Run Time Type Information for the QUtf8Codec class is described by Table 18-130

Table 18-130 typeinfo for QUtf8Codec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QUtf8Codec
basetype:	typeinfo for QTextCodec

18.2.10.2 Class data for QTranslator

The virtual table for the QTranslator class is described by Table 18-131

Table 18-131 Primary vtable for QTranslator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTranslator
vfunc[0]:	NULL or QTranslator::metaObject() const
vfunc[1]:	QTranslator::className() const
vfunc[2]:	QTranslator::qt_cast(char const*)
vfunc[3]:	QTranslator::qt_invoke(int, QUObject*)
vfunc[4]:	QTranslator::qt_emit(int, QUObject*)
vfunc[5]:	QTranslator::qt_property(int, int, QVariant*)
vfunc[6]:	QTranslator::~QTranslator()
vfunc[7]:	QTranslator::~QTranslator()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QTranslator::findMessage(char const*, char const*, char const*) const

© 2008 Linux Foundation

The Run Time Type Information for the QTranslator class is described by Table 18-132

Table 18-132 typeinfo for QTranslator

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTranslator
basetype:	typeinfo for QObject

18.2.10.3 Class data for QGb18030Codec

The virtual table for the QGb18030Codec class is described by Table 18-133

Table 18-133 Primary vtable for QGb18030Codec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGb18030Codec
vfunc[0]:	NULL or QGb18030Codec::~QGb18030Codec()
vfunc[1]:	NULL or QGb18030Codec::~QGb18030Codec()
vfunc[2]:	QGb18030Codec::name() const
vfunc[3]:	QTextCodec::mimeName() const
vfunc[4]:	QGb18030Codec::mibEnum() const
vfunc[5]:	QGb18030Codec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QGb18030Codec::toUnicode(char const*, int) const
vfunc[8]:	QGb18030Codec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QGb18030Codec::heuristicContentMatch(char const*, int) const
vfunc[12]:	QGb18030Codec::heuristicNameMatch(char const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode(QString const&, int) const

The Run Time Type Information for the QGb18030Codec class is described by

Table 18-134

Table 18-134 typeinfo for QGb18030Codec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGb18030Codec
basetype:	typeinfo for QTextCodec

18.2.10.4 Class data for QGbkCodec

The virtual table for the QGbkCodec class is described by Table 18-135

Table 18-135 Primary vtable for QGbkCodec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGbkCodec
vfunc[0]:	NULL or QGbkCodec::~QGbkCodec()
vfunc[1]:	NULL or QGbkCodec::~QGbkCodec()
vfunc[2]:	QGbkCodec::name() const
vfunc[3]:	QTextCodec::mimeName() const
vfunc[4]:	QGbkCodec::mibEnum() const
vfunc[5]:	QGbkCodec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QGbkCodec::toUnicode(char const*, int) const
vfunc[8]:	QGbkCodec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QGbkCodec::heuristicContentMatch(char const*, int) const
vfunc[12]:	QGbkCodec::heuristicNameMatch(char const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode(QString const&, int) const

The Run Time Type Information for the QGbkCodec class is described by Table 18-136

Table 18-136 typeinfo for QGbkCodec

Base Vtable	vtable for

© 2008 Linux Foundation

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QGbkCodec
basetype:	typeinfo for QGb18030Codec

18.2.10.5 Class data for QUtf16Codec

The virtual table for the QUtf16Codec class is described by Table 18-137

Table 18-137 Primary vtable for QUtf16Codec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QUtf16Codec
vfunc[0]:	NULL or QUtf16Codec::~QUtf16Codec()
vfunc[1]:	NULL or QUtf16Codec::~QUtf16Codec()
vfunc[2]:	QUtf16Codec::name() const
vfunc[3]:	QTextCodec::mimeName() const
vfunc[4]:	QUtf16Codec::mibEnum() const
vfunc[5]:	QUtf16Codec::makeDecoder() const
vfunc[6]:	QUtf16Codec::makeEncoder() const
vfunc[7]:	QTextCodec::toUnicode(char const*, int) const
vfunc[8]:	QTextCodec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QUtf16Codec::heuristicContentMatch(char const*, int) const
vfunc[12]:	QTextCodec::heuristicNameMatch(char const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode(QString const&, int) const

The Run Time Type Information for the QUtf16Codec class is described by Table 18-138

Table 18-138 typeinfo for QUtf16Codec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QUtf16Codec
basetype:	typeinfo for QTextCodec

18.2.10.6 Class data for QEucKrCodec

The virtual table for the QEucKrCodec class is described by Table 18-139

Table 18-139 Primary vtable for QEucKrCodec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QEucKrCodec
vfunc[0]:	NULL or QEucKrCodec::~QEucKrCodec()
vfunc[1]:	NULL or QEucKrCodec::~QEucKrCodec()
vfunc[2]:	QEucKrCodec::name() const
vfunc[3]:	QEucKrCodec::mimeName() const
vfunc[4]:	QEucKrCodec::mibEnum() const
vfunc[5]:	QEucKrCodec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QEucKrCodec::toUnicode(char const*, int) const
vfunc[8]:	QEucKrCodec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QEucKrCodec::heuristicContentMatch(char const*, int) const
vfunc[12]:	QEucKrCodec::heuristicNameMatch(char const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode(QString const&, int) const

The Run Time Type Information for the QEucKrCodec class is described by Table 18-140

Table 18-140 typeinfo for QEucKrCodec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QEucKrCodec
basetype:	typeinfo for QTextCodec

18.2.10.7 Class data for QJisCodec

The virtual table for the QJisCodec class is described by Table 18-141

 © 2008 Linux Foundation

Table 18-141 Primary vtable for QJisCodec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QJisCodec
vfunc[0]:	QJisCodec::~QJisCodec()
vfunc[1]:	QJisCodec::~QJisCodec()
vfunc[2]:	QJisCodec::name() const
vfunc[3]:	QJisCodec::mimeName() const
vfunc[4]:	QJisCodec::mibEnum() const
vfunc[5]:	QJisCodec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QJisCodec::toUnicode(char const*, int) const
vfunc[8]:	QJisCodec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QJisCodec::heuristicContentMatch(char const*, int) const
vfunc[12]:	QJisCodec::heuristicNameMatch(char const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode(QString const&, int) const

The Run Time Type Information for the QJisCodec class is described by Table 18-142

Table 18-142 typeinfo for QJisCodec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QJisCodec
basetype:	typeinfo for QTextCodec

18.2.10.8 Class data for QTextEncoder

The virtual table for the QTextEncoder class is described by Table 18-143

Table 18-143 Primary vtable for QTextEncoder

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextEncoder
vfunc[0]:	QTextEncoder::~QTextEncoder()

vfunc[1]:	QTextEncoder::~QTextEncoder()
vfunc[2]:	__cxa_pure_virtual

The Run Time Type Information for the QTextEncoder class is described by Table 18-144

Table 18-144 typeinfo for QTextEncoder

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextEncoder

18.2.10.9 Class data for QTsciiCodec

The virtual table for the QTsciiCodec class is described by Table 18-145

Table 18-145 Primary vtable for QTsciiCodec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTsciiCodec
vfunc[0]:	NULL or QTsciiCodec::~QTsciiCodec()
vfunc[1]:	NULL or QTsciiCodec::~QTsciiCodec()
vfunc[2]:	QTsciiCodec::name() const
vfunc[3]:	QTextCodec::mimeName() const
vfunc[4]:	QTsciiCodec::mibEnum() const
vfunc[5]:	QTextCodec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QTsciiCodec::toUnicode(char const*, int) const
vfunc[8]:	QTsciiCodec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QTsciiCodec::heuristicContentMatch (char const*, int) const
vfunc[12]:	QTsciiCodec::heuristicNameMatch(c har const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode (QString const&, int) const

The Run Time Type Information for the QTsciiCodec class is described by Table 18-146

© 2008 Linux Foundation

Table 18-146 typeinfo for QTsciiCodec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTsciiCodec
basetype:	typeinfo for QTextCodec

18.2.10.10 Class data for QSjisCodec

The virtual table for the QSjisCodec class is described by Table 18-147

Table 18-147 Primary vtable for QSjisCodec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSjisCodec
vfunc[0]:	QSjisCodec::~QSjisCodec()
vfunc[1]:	QSjisCodec::~QSjisCodec()
vfunc[2]:	QSjisCodec::name() const
vfunc[3]:	QSjisCodec::mimeName() const
vfunc[4]:	QSjisCodec::mibEnum() const
vfunc[5]:	QSjisCodec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QSjisCodec::toUnicode(char const*, int) const
vfunc[8]:	QSjisCodec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QSjisCodec::heuristicContentMatch(char const*, int) const
vfunc[12]:	QSjisCodec::heuristicNameMatch(char const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode(QString const&, int) const

The Run Time Type Information for the QSjisCodec class is described by Table 18-148

Table 18-148 typeinfo for QSjisCodec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSjisCodec
basetype:	typeinfo for QTextCodec

18.2.10.11 Class data for QEucJpCodec

The virtual table for the QEucJpCodec class is described by Table 18-149

Table 18-149 Primary vtable for QEucJpCodec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QEucJpCodec
vfunc[0]:	QEucJpCodec::~QEucJpCodec()
vfunc[1]:	QEucJpCodec::~QEucJpCodec()
vfunc[2]:	QEucJpCodec::name() const
vfunc[3]:	QEucJpCodec::mimeName() const
vfunc[4]:	QEucJpCodec::mibEnum() const
vfunc[5]:	QEucJpCodec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QEucJpCodec::toUnicode(char const*, int) const
vfunc[8]:	QEucJpCodec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QEucJpCodec::heuristicContentMatch(char const*, int) const
vfunc[12]:	QEucJpCodec::heuristicNameMatch(char const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode(QString const&, int) const

The Run Time Type Information for the QEucJpCodec class is described by Table 18-150

Table 18-150 typeinfo for QEucJpCodec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QEucJpCodec
basetype:	typeinfo for QTextCodec

18.2.10.12 Class data for QGb2312Codec

The virtual table for the QGb2312Codec class is described by Table 18-151

Table 18-151 Primary vtable for QGb2312Codec

Base Offset	0

 © 2008 Linux Foundation

Virtual Base Offset	0
RTTI	typeinfo for QGb2312Codec
vfunc[0]:	NULL or QGb2312Codec::~QGb2312Codec()
vfunc[1]:	NULL or QGb2312Codec::~QGb2312Codec()
vfunc[2]:	QGb2312Codec::name() const
vfunc[3]:	QTextCodec::mimeName() const
vfunc[4]:	QGb2312Codec::mibEnum() const
vfunc[5]:	QGb2312Codec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QGb2312Codec::toUnicode(char const*, int) const
vfunc[8]:	QGb2312Codec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QGb2312Codec::heuristicContentMatch(char const*, int) const
vfunc[12]:	QGb2312Codec::heuristicNameMatch(char const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode(QString const&, int) const

The Run Time Type Information for the QGb2312Codec class is described by Table 18-152

Table 18-152 typeinfo for QGb2312Codec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGb2312Codec
basetype:	typeinfo for QGb18030Codec

18.2.10.13 Class data for QHebrewCodec

The virtual table for the QHebrewCodec class is described by Table 18-153

Table 18-153 Primary vtable for QHebrewCodec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHebrewCodec

vfunc[0]:	NULL or QHebrewCodec::~QHebrewCodec()
vfunc[1]:	NULL or QHebrewCodec::~QHebrewCodec()
vfunc[2]:	QHebrewCodec::name() const
vfunc[3]:	QHebrewCodec::mimeName() const
vfunc[4]:	QHebrewCodec::mibEnum() const
vfunc[5]:	QTextCodec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QHebrewCodec::toUnicode(char const*, int) const
vfunc[8]:	QHebrewCodec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	QHebrewCodec::heuristicContentMatch(char const*, int) const
vfunc[12]:	QTextCodec::heuristicNameMatch(char const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode(QString const&, int) const

The Run Time Type Information for the QHebrewCodec class is described by Table 18-154

Table 18-154 typeinfo for QHebrewCodec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHebrewCodec
basetype:	typeinfo for QTextCodec

18.2.10.14 Class data for QTextDecoder

The virtual table for the QTextDecoder class is described by Table 18-155

Table 18-155 Primary vtable for QTextDecoder

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextDecoder
vfunc[0]:	QTextDecoder::~QTextDecoder()
vfunc[1]:	QTextDecoder::~QTextDecoder()
vfunc[2]:	__cxa_pure_virtual

 © 2008 Linux Foundation

The Run Time Type Information for the QTextDecoder class is described by Table 18-156

Table 18-156 typeinfo for QTextDecoder

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextDecoder

18.2.10.15 Class data for QTextCodec

The virtual table for the QTextCodec class is described by Table 18-157

Table 18-157 Primary vtable for QTextCodec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextCodec
vfunc[0]:	QTextCodec::~QTextCodec()
vfunc[1]:	QTextCodec::~QTextCodec()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	QTextCodec::mimeName() const
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	QTextCodec::makeDecoder() const
vfunc[6]:	QTextCodec::makeEncoder() const
vfunc[7]:	QTextCodec::toUnicode(char const*, int) const
vfunc[8]:	QTextCodec::fromUnicode(QString const&, int&) const
vfunc[9]:	QTextCodec::canEncode(QChar) const
vfunc[10]:	QTextCodec::canEncode(QString const&) const
vfunc[11]:	__cxa_pure_virtual
vfunc[12]:	QTextCodec::heuristicNameMatch(char const*) const
vfunc[13]:	QTextCodec::fromUnicode(QString const&, int, int) const
vfunc[14]:	QTextCodec::characterFromUnicode(QString const&, int) const

The Run Time Type Information for the QTextCodec class is described by Table 18-158

Table 18-158 typeinfo for QTextCodec

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextCodec

18.2.10.16 Class data for QJpUnicodeConv

The virtual table for the QJpUnicodeConv class is described by Table 18-159

Table 18-159 Primary vtable for QJpUnicodeConv

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QJpUnicodeConv
vfunc[0]:	QJpUnicodeConv::asciiToUnicode(unsigned int, unsigned int) const
vfunc[1]:	QJpUnicodeConv::jisx0201LatinToUnicode(unsigned int, unsigned int) const
vfunc[2]:	QJpUnicodeConv::jisx0208ToUnicode(unsigned int, unsigned int) const
vfunc[3]:	QJpUnicodeConv::jisx0212ToUnicode(unsigned int, unsigned int) const
vfunc[4]:	QJpUnicodeConv::unicodeToAscii(unsigned int, unsigned int) const
vfunc[5]:	QJpUnicodeConv::unicodeToJisx0201Latin(unsigned int, unsigned int) const
vfunc[6]:	QJpUnicodeConv::unicodeToJisx0208(unsigned int, unsigned int) const
vfunc[7]:	QJpUnicodeConv::unicodeToJisx0212(unsigned int, unsigned int) const

The Run Time Type Information for the QJpUnicodeConv class is described by Table 18-160

Table 18-160 typeinfo for QJpUnicodeConv

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QJpUnicodeConv

18.2.10.17 Interfaces for Qt3 Internationalization

An LSB conforming implementation shall provide the generic functions for Qt3 Internationalization specified in Table 18-161, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-161 libqt-mt - Qt3 Internationalization Function Interfaces

_ZN10QSjisCodecC1Ev [qt-mt]	_ZN10QSjisCodecC2Ev [qt-mt]
_ZN10QSjisCodecD0Ev [qt-mt]	_ZN10QSjisCodecD1Ev [qt-mt]
_ZN10QSjisCodecD2Ev [qt-mt]	_ZN10QTextCodec11codecForMibEi [qt-mt]
_ZN10QTextCodec11loadCharmapEP9QIODevice [qt-mt]	_ZN10QTextCodec12codecForNameEPKci [qt-mt]
_ZN10QTextCodec13codecForIndex	_ZN10QTextCodec14codecForLocale

 © 2008 Linux Foundation

Ei [qt-mt]	Ev [qt-mt]
_ZN10QTextCodec15codecForContentEPKci [qt-mt]	_ZN10QTextCodec15deleteAllCodecsEv [qt-mt]
_ZN10QTextCodec15loadCharmapFileE7QString [qt-mt]	_ZN10QTextCodec17setCodecForLocaleEPS_ [qt-mt]
_ZN10QTextCodec19fromUnicodeInternalEPK5QCharPti [qt-mt]	_ZN10QTextCodec24simpleHeuristicNameMatchEPKcS1_ [qt-mt]
_ZN10QTextCodec6localeEv [qt-mt]	_ZN10QTextCodecC1Ev [qt-mt]
_ZN10QTextCodecC2Ev [qt-mt]	_ZN10QTextCodecD0Ev [qt-mt]
_ZN10QTextCodecD1Ev [qt-mt]	_ZN10QTextCodecD2Ev [qt-mt]
_ZN11QEucJpCodecC1Ev [qt-mt]	_ZN11QEucJpCodecC2Ev [qt-mt]
_ZN11QEucJpCodecD0Ev [qt-mt]	_ZN11QEucJpCodecD1Ev [qt-mt]
_ZN11QEucJpCodecD2Ev [qt-mt]	_ZN11QTranslator11qt_propertyEiiP8QVariant [qt-mt]
_ZN11QTranslator16staticMetaObjectEv [qt-mt]	_ZN11QTranslator18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN11QTranslator2trEPKcS1 [qt-mt]	_ZN11QTranslator4loadERK7QStringS2_S2_S2_ [qt-mt]
_ZN11QTranslator4saveERK7QStringNS_8SaveModeE [qt-mt]	_ZN11QTranslator5clearEv [qt-mt]
_ZN11QTranslator6insertERK18QTranslatorMessage [qt-mt]	_ZN11QTranslator6removeERK18QTranslatorMessage [qt-mt]
ZN11QTranslator6trUtf8EPKcS1 [qt-mt]	_ZN11QTranslator7do_loadEPKhi [qt-mt]
_ZN11QTranslator7qt_castEPKc [qt-mt]	_ZN11QTranslator7qt_emitEiP8QUObject [qt-mt]
_ZN11QTranslator7squeezeENS_8SaveModeE [qt-mt]	_ZN11QTranslator9qt_invokeEiP8QUObject [qt-mt]
_ZN11QTranslator9unsqueezeEv [qt-mt]	_ZN11QTranslatorC1EP7QObjectPKc [qt-mt]
_ZN11QTranslatorC2EP7QObjectPKc [qt-mt]	_ZN11QTranslatorD0Ev [qt-mt]
_ZN11QTranslatorD1Ev [qt-mt]	_ZN11QTranslatorD2Ev [qt-mt]
_ZN12QGb2312CodecC1Ev [qt-mt]	_ZN12QGb2312CodecC2Ev [qt-mt]
_ZN12QTextDecoderD0Ev [qt-mt]	_ZN12QTextDecoderD1Ev [qt-mt]
_ZN12QTextDecoderD2Ev [qt-mt]	_ZN12QTextEncoderD0Ev [qt-mt]
_ZN12QTextEncoderD1Ev [qt-mt]	_ZN12QTextEncoderD2Ev [qt-mt]
_ZN13QGb18030CodecC1Ev [qt-mt]	_ZN13QGb18030CodecC2Ev [qt-mt]
_ZN14QJpUnicodeConv12newConverterEi [qt-mt]	_ZN17QTextCodecFactory12createForMibEi [qt-mt]
_ZN17QTextCodecFactory13createForNameERK7QString [qt-mt]	_ZN18QTranslatorMessageC1EPKcS1_S1_RK7QString [qt-mt]
_ZN18QTranslatorMessageC1ER11QDataStream [qt-mt]	_ZN18QTranslatorMessageC1ERKS_ [qt-mt]

_ZN18QTranslatorMessageC1Ev [qt-mt]	_ZN18QTranslatorMessageC2EPKcS1_S1_RK7QString [qt-mt]
_ZN18QTranslatorMessageC2ER11QDataStream [qt-mt]	_ZN18QTranslatorMessageC2ERKS_ [qt-mt]
_ZN18QTranslatorMessageC2Ev [qt-mt]	_ZN18QTranslatorMessageaSERKS_ [qt-mt]
ZN7QLocale10setDefaultERKS [qt-mt]	_ZN7QLocale15countryToStringENS_7CountryE [qt-mt]
_ZN7QLocale16languageToStringENS_8LanguageE [qt-mt]	_ZN7QLocale6systemEv [qt-mt]
_ZN7QLocaleC1ENS_8LanguageENS_7CountryE [qt-mt]	_ZN7QLocaleC1ERK7QString [qt-mt]
ZN7QLocaleC1ERKS [qt-mt]	_ZN7QLocaleC1Ev [qt-mt]
_ZN7QLocaleC2ENS_8LanguageENS_7CountryE [qt-mt]	_ZN7QLocaleC2ERK7QString [qt-mt]
ZN7QLocaleC2ERKS [qt-mt]	_ZN7QLocaleC2Ev [qt-mt]
ZN7QLocaleaSERKS [qt-mt]	_ZN9QGbkCodecC1Ev [qt-mt]
_ZN9QGbkCodecC2Ev [qt-mt]	_ZN9QJisCodecC1Ev [qt-mt]
_ZN9QJisCodecC2Ev [qt-mt]	_ZN9QJisCodecD0Ev [qt-mt]
_ZN9QJisCodecD1Ev [qt-mt]	_ZN9QJisCodecD2Ev [qt-mt]
_ZNK10QSjisCodec11fromUnicodeERK7QStringRi [qt-mt]	_ZNK10QSjisCodec11makeDecoderEv [qt-mt]
_ZNK10QSjisCodec18heuristicNameMatchEPKc [qt-mt]	_ZNK10QSjisCodec21heuristicContentMatchEPKci [qt-mt]
_ZNK10QSjisCodec4nameEv [qt-mt]	_ZNK10QSjisCodec7mibEnumEv [qt-mt]
_ZNK10QSjisCodec8mimeNameEv [qt-mt]	_ZNK10QSjisCodec9toUnicodeEPKci [qt-mt]
_ZNK10QTextCodec11fromUnicodeERK7QString [qt-mt]	_ZNK10QTextCodec11fromUnicodeERK7QStringRi [qt-mt]
_ZNK10QTextCodec11fromUnicodeERK7QStringii [qt-mt]	_ZNK10QTextCodec11makeDecoderEv [qt-mt]
_ZNK10QTextCodec11makeEncoderEv [qt-mt]	_ZNK10QTextCodec18heuristicNameMatchEPKc [qt-mt]
_ZNK10QTextCodec20characterFromUnicodeERK7QStringi [qt-mt]	_ZNK10QTextCodec8mimeNameEv [qt-mt]
_ZNK10QTextCodec9canEncodeE5QChar [qt-mt]	_ZNK10QTextCodec9canEncodeERK7QString [qt-mt]
_ZNK10QTextCodec9toUnicodeEPKc [qt-mt]	_ZNK10QTextCodec9toUnicodeEPKci [qt-mt]
_ZNK10QTextCodec9toUnicodeERK8QCString [qt-mt]	_ZNK10QTextCodec9toUnicodeERK8QCStringi [qt-mt]
_ZNK10QTextCodec9toUnicodeERK9QMemArrayIcE [qt-mt]	_ZNK10QTextCodec9toUnicodeERK9QMemArrayIcEi [qt-mt]
_ZNK10QUtf8Codec11fromUnicode	_ZNK10QUtf8Codec11makeDecoder

© 2008 Linux Foundation

ERK7QStringRi [qt-mt]	Ev [qt-mt]
_ZNK10QUtf8Codec21heuristicContentMatchEPKci [qt-mt]	_ZNK10QUtf8Codec4nameEv [qt-mt]
_ZNK10QUtf8Codec7mibEnumEv [qt-mt]	_ZNK10QUtf8Codec9toUnicodeEPKci [qt-mt]
_ZNK11QEucJpCodec11fromUnicodeERK7QStringRi [qt-mt]	_ZNK11QEucJpCodec11makeDecoderEv [qt-mt]
_ZNK11QEucJpCodec18heuristicNameMatchEPKc [qt-mt]	_ZNK11QEucJpCodec21heuristicContentMatchEPKci [qt-mt]
_ZNK11QEucJpCodec4nameEv [qt-mt]	_ZNK11QEucJpCodec7mibEnumEv [qt-mt]
_ZNK11QEucJpCodec8mimeNameEv [qt-mt]	_ZNK11QEucJpCodec9toUnicodeEPKci [qt-mt]
_ZNK11QEucKrCodec11fromUnicodeERK7QStringRi [qt-mt]	_ZNK11QEucKrCodec11makeDecoderEv [qt-mt]
_ZNK11QEucKrCodec18heuristicNameMatchEPKc [qt-mt]	_ZNK11QEucKrCodec21heuristicContentMatchEPKci [qt-mt]
_ZNK11QEucKrCodec4nameEv [qt-mt]	_ZNK11QEucKrCodec7mibEnumEv [qt-mt]
_ZNK11QEucKrCodec8mimeNameEv [qt-mt]	_ZNK11QEucKrCodec9toUnicodeEPKci [qt-mt]
_ZNK11QTranslator11findMessageEPKcS1_S1_ [qt-mt]	_ZNK11QTranslator7isEmptyEv [qt-mt]
_ZNK11QTranslator8containsEPKcS1_S1_ [qt-mt]	_ZNK11QTranslator8messagesEv [qt-mt]
_ZNK11QTranslator9classNameEv [qt-mt]	_ZNK11QTsciiCodec11fromUnicodeERK7QStringRi [qt-mt]
_ZNK11QTsciiCodec18heuristicNameMatchEPKc [qt-mt]	_ZNK11QTsciiCodec21heuristicContentMatchEPKci [qt-mt]
_ZNK11QTsciiCodec4nameEv [qt-mt]	_ZNK11QTsciiCodec7mibEnumEv [qt-mt]
_ZNK11QTsciiCodec9toUnicodeEPKci [qt-mt]	_ZNK11QUtf16Codec11makeDecoderEv [qt-mt]
_ZNK11QUtf16Codec11makeEncoderEv [qt-mt]	_ZNK11QUtf16Codec21heuristicContentMatchEPKci [qt-mt]
_ZNK11QUtf16Codec4nameEv [qt-mt]	_ZNK11QUtf16Codec7mibEnumEv [qt-mt]
_ZNK12QGb2312Codec11fromUnicodeERK7QStringRi [qt-mt]	_ZNK12QGb2312Codec11makeDecoderEv [qt-mt]
_ZNK12QGb2312Codec18heuristicNameMatchEPKc [qt-mt]	_ZNK12QGb2312Codec21heuristicContentMatchEPKci [qt-mt]
_ZNK12QGb2312Codec4nameEv [qt-mt]	_ZNK12QGb2312Codec7mibEnumEv [qt-mt]
_ZNK12QGb2312Codec9toUnicodeEPKci [qt-mt]	_ZNK12QHebrewCodec11fromUnicodeERK7QStringRi [qt-mt]

_ZNK12QHebrewCodec21heuristicContentMatchEPKci [qt-mt]	_ZNK12QHebrewCodec4nameEv [qt-mt]
_ZNK12QHebrewCodec7mibEnumEv [qt-mt]	_ZNK12QHebrewCodec8mimeNameEv [qt-mt]
_ZNK12QHebrewCodec9toUnicodeEPKci [qt-mt]	_ZNK13QGb18030Codec11fromUnicodeERK7QStringRi [qt-mt]
_ZNK13QGb18030Codec11makeDecoderEv [qt-mt]	_ZNK13QGb18030Codec18heuristicNameMatchEPKc [qt-mt]
_ZNK13QGb18030Codec21heuristicContentMatchEPKci [qt-mt]	_ZNK13QGb18030Codec4nameEv [qt-mt]
_ZNK13QGb18030Codec7mibEnumEv [qt-mt]	_ZNK13QGb18030Codec9toUnicodeEPKci [qt-mt]
_ZNK14QJpUnicodeConv13sjisToUnicodeEjj [qt-mt]	_ZNK14QJpUnicodeConv13unicodeToSjisEjj [qt-mt]
_ZNK14QJpUnicodeConv14asciiToUnicodeEjj [qt-mt]	_ZNK14QJpUnicodeConv14unicodeToAsciiEjj [qt-mt]
_ZNK14QJpUnicodeConv17jisx0201ToUnicodeEjj [qt-mt]	_ZNK14QJpUnicodeConv17jisx0208ToUnicodeEjj [qt-mt]
_ZNK14QJpUnicodeConv17jisx0212ToUnicodeEjj [qt-mt]	_ZNK14QJpUnicodeConv17unicodeToJisx0201Ejj [qt-mt]
_ZNK14QJpUnicodeConv17unicodeToJisx0208Ejj [qt-mt]	_ZNK14QJpUnicodeConv17unicodeToJisx0212Ejj [qt-mt]
_ZNK14QJpUnicodeConv21jisx0201KanaToUnicodeEjj [qt-mt]	_ZNK14QJpUnicodeConv21unicodeToJisx0201KanaEjj [qt-mt]
_ZNK14QJpUnicodeConv22jisx0201LatinToUnicodeEjj [qt-mt]	_ZNK14QJpUnicodeConv22unicodeToJisx0201LatinEjj [qt-mt]
ZNK18QTranslatorMessage12commonPrefixERKS [qt-mt]	_ZNK18QTranslatorMessage5writeER11QDataStreambNS_6PrefixE [qt-mt]
ZNK18QTranslatorMessageeqERKS [qt-mt]	_ZNK18QTranslatorMessageltERKS_ [qt-mt]
_ZNK7QLocale10toLongLongERK7QStringPb [qt-mt]	_ZNK7QLocale11toULongLongERK7QStringPb [qt-mt]
_ZNK7QLocale4nameEv [qt-mt]	_ZNK7QLocale5toIntERK7QStringPb [qt-mt]
_ZNK7QLocale6toLongERK7QStringPb [qt-mt]	_ZNK7QLocale6toUIntERK7QStringPb [qt-mt]
_ZNK7QLocale7countryEv [qt-mt]	_ZNK7QLocale7toFloatERK7QStringPb [qt-mt]
_ZNK7QLocale7toShortERK7QStringPb [qt-mt]	_ZNK7QLocale7toULongERK7QStringPb [qt-mt]
_ZNK7QLocale8languageEv [qt-mt]	_ZNK7QLocale8toDoubleERK7QStringPb [qt-mt]
_ZNK7QLocale8toStringEdci [qt-mt]	_ZNK7QLocale8toStringEx [qt-mt]
_ZNK7QLocale8toStringEy [qt-mt]	_ZNK7QLocale8toUShortERK7QStringPb [qt-mt]

© 2008 Linux Foundation

_ZNK9QGbkCodec11fromUnicodeERK7QStringRi [qt-mt]	_ZNK9QGbkCodec11makeDecoderEv [qt-mt]
_ZNK9QGbkCodec18heuristicNameMatchEPKc [qt-mt]	_ZNK9QGbkCodec21heuristicContentMatchEPKci [qt-mt]
_ZNK9QGbkCodec4nameEv [qt-mt]	_ZNK9QGbkCodec7mibEnumEv [qt-mt]
_ZNK9QGbkCodec9toUnicodeEPKci [qt-mt]	_ZNK9QJisCodec11fromUnicodeERK7QStringRi [qt-mt]
_ZNK9QJisCodec11makeDecoderEv [qt-mt]	_ZNK9QJisCodec18heuristicNameMatchEPKc [qt-mt]
_ZNK9QJisCodec21heuristicContentMatchEPKci [qt-mt]	_ZNK9QJisCodec4nameEv [qt-mt]
_ZNK9QJisCodec7mibEnumEv [qt-mt]	_ZNK9QJisCodec8mimeNameEv [qt-mt]
_ZNK9QJisCodec9toUnicodeEPKci [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Internationalization specified in Table 18-162, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-162 libqt-mt - Qt3 Internationalization Data Interfaces

_ZN10QTextCodec4cfcsE [qt-mt]	_ZN10QTextCodec4cftrE [qt-mt]
_ZN11QTranslator7metaObjE [qt-mt]	_ZN7QLocale9default_dE [qt-mt]
_ZTI10QSjisCodec [CXXABI]	_ZTI10QTextCodec [CXXABI]
_ZTI10QUtf8Codec [CXXABI]	_ZTI11QEucJpCodec [CXXABI]
_ZTI11QEucKrCodec [CXXABI]	_ZTI11QTranslator [CXXABI]
_ZTI11QTsciiCodec [CXXABI]	_ZTI11QUtf16Codec [CXXABI]
_ZTI12QGb2312Codec [CXXABI]	_ZTI12QHebrewCodec [CXXABI]
_ZTI12QTextDecoder [CXXABI]	_ZTI12QTextEncoder [CXXABI]
_ZTI13QGb18030Codec [CXXABI]	_ZTI14QJpUnicodeConv [CXXABI]
_ZTI9QGbkCodec [CXXABI]	_ZTI9QJisCodec [CXXABI]
_ZTV10QSjisCodec [CXXABI]	_ZTV10QTextCodec [CXXABI]
_ZTV10QUtf8Codec [CXXABI]	_ZTV11QEucJpCodec [CXXABI]
_ZTV11QEucKrCodec [CXXABI]	_ZTV11QTranslator [CXXABI]
_ZTV11QTsciiCodec [CXXABI]	_ZTV11QUtf16Codec [CXXABI]
_ZTV12QGb2312Codec [CXXABI]	_ZTV12QHebrewCodec [CXXABI]
_ZTV12QTextDecoder [CXXABI]	_ZTV12QTextEncoder [CXXABI]
_ZTV13QGb18030Codec [CXXABI]	_ZTV14QJpUnicodeConv [CXXABI]
_ZTV9QGbkCodec [CXXABI]	_ZTV9QJisCodec [CXXABI]

18.2.11 Qt3 Input/Output

18.2.11.1 Class data for QDataSource

The virtual table for the QDataSource class is described by Table 18-163

Table 18-163 Primary vtable for QDataSource

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDataSource
vfunc[0]:	NULL or QDataSource::~QDataSource()
vfunc[1]:	NULL or QDataSource::~QDataSource()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	QDataSource::rewindable() const
vfunc[5]:	QDataSource::enableRewind(bool)
vfunc[6]:	QDataSource::rewind()

The Run Time Type Information for the QDataSource class is described by Table 18-164

Table 18-164 typeinfo for QDataSource

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDataSource
basetype:	typeinfo for QAsyncIO

18.2.11.2 Class data for QProcess

The virtual table for the QProcess class is described by Table 18-165

Table 18-165 Primary vtable for QProcess

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QProcess
vfunc[0]:	NULL or QProcess::metaObject() const
vfunc[1]:	QProcess::className() const
vfunc[2]:	QProcess::qt_cast(char const*)
vfunc[3]:	QProcess::qt_invoke(int, QUObject*)
vfunc[4]:	QProcess::qt_emit(int, QUObject*)
vfunc[5]:	QProcess::qt_property(int, int, QVariant*)
vfunc[6]:	QProcess::~QProcess()
vfunc[7]:	QProcess::~QProcess()

 © 2008 Linux Foundation

vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QProcess::connectNotify(char const*)
vfunc[19]:	QProcess::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QProcess::setArguments(QStringList const&)
vfunc[22]:	QProcess::addArgument(QString const&)
vfunc[23]:	QProcess::setWorkingDirectory(QDir const&)
vfunc[24]:	QProcess::start(QStringList*)
vfunc[25]:	QProcess::launch(QString const&, QStringList*)
vfunc[26]:	QProcess::launch(QMemArray<char> const&, QStringList*)
vfunc[27]:	QProcess::readStdout()
vfunc[28]:	QProcess::readStderr()
vfunc[29]:	QProcess::readLineStdout()
vfunc[30]:	QProcess::readLineStderr()
vfunc[31]:	QProcess::writeToStdin(QMemArray<char> const&)
vfunc[32]:	QProcess::writeToStdin(QString const&)
vfunc[33]:	QProcess::closeStdin()

The Run Time Type Information for the QProcess class is described by Table 18-166

Table 18-166 typeinfo for QProcess

Base Vtable	vtable for __cxxabiv1::__si_class_type_info

Name	typeinfo name for QProcess
basetype:	typeinfo for QObject

18.2.11.3 Class data for QDataPump

The virtual table for the QDataPump class is described by Table 18-167

Table 18-167 Primary vtable for QDataPump

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDataPump
vfunc[0]:	NULL or QDataPump::metaObject() const
vfunc[1]:	QDataPump::className() const
vfunc[2]:	QDataPump::qt_cast(char const*)
vfunc[3]:	QDataPump::qt_invoke(int, QUObject*)
vfunc[4]:	QDataPump::qt_emit(int, QUObject*)
vfunc[5]:	QDataPump::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QDataPump::~QDataPump()
vfunc[7]:	NULL or QDataPump::~QDataPump()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QDataPump class is described by Table 18-168

 © 2008 Linux Foundation

Table 18-168 typeinfo for QDataPump

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDataPump
basetype:	typeinfo for QObject

18.2.11.4 Class data for QFile

The virtual table for the QFile class is described by Table 18-169

Table 18-169 Primary vtable for QFile

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFile
vfunc[0]:	QFile::~QFile()
vfunc[1]:	QFile::~QFile()
vfunc[2]:	QFile::open(int)
vfunc[3]:	QFile::close()
vfunc[4]:	QFile::flush()
vfunc[5]:	QFile::size() const
vfunc[6]:	NULL or QFile::at() const
vfunc[7]:	QFile::at(unsigned long)
vfunc[8]:	QFile::atEnd() const
vfunc[9]:	QFile::readBlock(char*, unsigned long)
vfunc[10]:	QFile::writeBlock(char const*, unsigned long)
vfunc[11]:	QFile::readLine(char*, unsigned long)
vfunc[12]:	QIODevice::readAll()
vfunc[13]:	QFile::getch()
vfunc[14]:	QFile::putch(int)
vfunc[15]:	QFile::ungetch(int)

The Run Time Type Information for the QFile class is described by Table 18-170

Table 18-170 typeinfo for QFile

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFile
basetype:	typeinfo for QIODevice

18.2.11.5 Class data for QBuffer

The virtual table for the QBuffer class is described by Table 18-171

Table 18-171 Primary vtable for QBuffer

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QBuffer
vfunc[0]:	QBuffer::~QBuffer()
vfunc[1]:	QBuffer::~QBuffer()
vfunc[2]:	QBuffer::open(int)
vfunc[3]:	QBuffer::close()
vfunc[4]:	QBuffer::flush()
vfunc[5]:	NULL or QBuffer::size() const
vfunc[6]:	NULL or QBuffer::at() const
vfunc[7]:	QBuffer::at(unsigned long)
vfunc[8]:	QIODevice::atEnd() const
vfunc[9]:	QBuffer::readBlock(char*, unsigned long)
vfunc[10]:	QBuffer::writeBlock(char const*, unsigned long)
vfunc[11]:	QBuffer::readLine(char*, unsigned long)
vfunc[12]:	QIODevice::readAll()
vfunc[13]:	QBuffer::getch()
vfunc[14]:	QBuffer::putch(int)
vfunc[15]:	QBuffer::ungetch(int)

The Run Time Type Information for the QBuffer class is described by Table 18-172

Table 18-172 typeinfo for QBuffer

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QBuffer
basetype:	typeinfo for QIODevice

18.2.11.6 Class data for QClipboard

The virtual table for the QClipboard class is described by Table 18-173

Table 18-173 Primary vtable for QClipboard

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QClipboard
vfunc[0]:	NULL or QClipboard::metaObject() const
vfunc[1]:	QClipboard::className() const
vfunc[2]:	QClipboard::qt_cast(char const*)

 © 2008 Linux Foundation

vfunc[3]:	QClipboard::qt_invoke(int, QUObject*)
vfunc[4]:	QClipboard::qt_emit(int, QUObject*)
vfunc[5]:	QClipboard::qt_property(int, int, QVariant*)
vfunc[6]:	QClipboard::~QClipboard()
vfunc[7]:	QClipboard::~QClipboard()
vfunc[8]:	QClipboard::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QClipboard::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QClipboard class is described by Table 18-174

Table 18-174 typeinfo for QClipboard

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QClipboard
basetype:	typeinfo for QObject

18.2.11.7 Class data for QAsyncIO

The virtual table for the QAsyncIO class is described by Table 18-175

Table 18-175 Primary vtable for QAsyncIO

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAsyncIO
vfunc[0]:	QAsyncIO::~QAsyncIO()
vfunc[1]:	QAsyncIO::~QAsyncIO()

The Run Time Type Information for the QAsyncIO class is described by Table 18-176

Table 18-176 typeinfo for QAsyncIO

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QAsyncIO

18.2.11.8 Class data for QSignal

The virtual table for the QSignal class is described by Table 18-177

Table 18-177 Primary vtable for QSignal

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSignal
vfunc[0]:	NULL or QSignal::metaObject() const
vfunc[1]:	QSignal::className() const
vfunc[2]:	QSignal::qt_cast(char const*)
vfunc[3]:	QSignal::qt_invoke(int, QUObject*)
vfunc[4]:	QSignal::qt_emit(int, QUObject*)
vfunc[5]:	QSignal::qt_property(int, int, QVariant*)
vfunc[6]:	QSignal::~QSignal()
vfunc[7]:	QSignal::~QSignal()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QSignal class is described by Table 18-

 © 2008 Linux Foundation

178

Table 18-178 typeinfo for QSignal

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSignal
basetype:	typeinfo for QObject

18.2.11.9 Class data for QDataSink

The virtual table for the QDataSink class is described by Table 18-179

Table 18-179 Primary vtable for QDataSink

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDataSink
vfunc[0]:	NULL or QDataSink::~QDataSink()
vfunc[1]:	NULL or QDataSink::~QDataSink()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual

The Run Time Type Information for the QDataSink class is described by Table 18-180

Table 18-180 typeinfo for QDataSink

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDataSink
basetype:	typeinfo for QAsyncIO

18.2.11.10 Class data for QDir

The virtual table for the QDir class is described by Table 18-181

Table 18-181 Primary vtable for QDir

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDir
vfunc[0]:	QDir::~QDir()
vfunc[1]:	QDir::~QDir()
vfunc[2]:	QDir::setPath(QString const&)
vfunc[3]:	NULL or QDir::path() const
vfunc[4]:	QDir::absPath() const
vfunc[5]:	QDir::canonicalPath() const
vfunc[6]:	QDir::dirName() const
vfunc[7]:	QDir::filePath(QString const&, bool)

	const
vfunc[8]:	QDir::absFilePath(QString const&, bool) const
vfunc[9]:	QDir::cd(QString const&, bool)
vfunc[10]:	QDir::cdUp()
vfunc[11]:	QDir::setNameFilter(QString const&)
vfunc[12]:	QDir::setFilter(int)
vfunc[13]:	QDir::setSorting(int)
vfunc[14]:	QDir::setMatchAllDirs(bool)
vfunc[15]:	QDir::encodedEntryList(int, int) const
vfunc[16]:	QDir::encodedEntryList(QString const&, int, int) const
vfunc[17]:	QDir::entryList(int, int) const
vfunc[18]:	QDir::entryList(QString const&, int, int) const
vfunc[19]:	QDir::entryInfoList(int, int) const
vfunc[20]:	QDir::entryInfoList(QString const&, int, int) const
vfunc[21]:	QDir::mkdir(QString const&, bool) const
vfunc[22]:	QDir::rmdir(QString const&, bool) const
vfunc[23]:	QDir::isReadable() const
vfunc[24]:	QDir::exists() const
vfunc[25]:	QDir::isRoot() const
vfunc[26]:	QDir::isRelative() const
vfunc[27]:	QDir::convertToAbs()
vfunc[28]:	QDir::operator==(QDir const&) const
vfunc[29]:	NULL or QDir::operator!=(QDir const&) const
vfunc[30]:	QDir::remove(QString const&, bool)
vfunc[31]:	QDir::rename(QString const&, QString const&, bool)
vfunc[32]:	QDir::exists(QString const&, bool)
vfunc[33]:	QDir::readDirEntries(QString const&, int, int)

The Run Time Type Information for the QDir class is described by Table 18-182

Table 18-182 typeinfo for QDir

Base Vtable	vtable for

 © 2008 Linux Foundation

	__cxxabiv1::__class_type_info
Name	typeinfo name for QDir

18.2.11.11 Class data for QTextOStream

The virtual table for the QTextOStream class is described by Table 18-183

Table 18-183 Primary vtable for QTextOStream

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextOStream
vfunc[0]:	NULL or QTextOStream::~QTextOStream()
vfunc[1]:	NULL or QTextOStream::~QTextOStream()

The Run Time Type Information for the QTextOStream class is described by Table 18-184

Table 18-184 typeinfo for QTextOStream

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextOStream
basetype:	typeinfo for QTextStream

18.2.11.12 Class data for QTextStream

The virtual table for the QTextStream class is described by Table 18-185

Table 18-185 Primary vtable for QTextStream

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextStream
vfunc[0]:	QTextStream::~QTextStream()
vfunc[1]:	QTextStream::~QTextStream()

The Run Time Type Information for the QTextStream class is described by Table 18-186

Table 18-186 typeinfo for QTextStream

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextStream

18.2.11.13 Class data for QSignalMapper

The virtual table for the QSignalMapper class is described by Table 18-187

Table 18-187 Primary vtable for QSignalMapper

Base Offset	0

Virtual Base Offset	0
RTTI	typeinfo for QSignalMapper
vfunc[0]:	NULL or QSignalMapper::metaObject() const
vfunc[1]:	QSignalMapper::className() const
vfunc[2]:	QSignalMapper::qt_cast(char const*)
vfunc[3]:	QSignalMapper::qt_invoke(int, QUObject*)
vfunc[4]:	QSignalMapper::qt_emit(int, QUObject*)
vfunc[5]:	QSignalMapper::qt_property(int, int, QVariant*)
vfunc[6]:	QSignalMapper::~QSignalMapper()
vfunc[7]:	QSignalMapper::~QSignalMapper()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QSignalMapper::setMapping(QObject const*, int)
vfunc[22]:	QSignalMapper::setMapping(QObject const*, QString const&)

The Run Time Type Information for the QSignalMapper class is described by Table 18-188

Table 18-188 typeinfo for QSignalMapper

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSignalMapper

 © 2008 Linux Foundation

basetype:	typeinfo for QObject

18.2.11.14 Class data for QIODeviceSource

The virtual table for the QIODeviceSource class is described by Table 18-189

Table 18-189 Primary vtable for QIODeviceSource

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIODeviceSource
vfunc[0]:	QIODeviceSource::~QIODeviceSource()
vfunc[1]:	QIODeviceSource::~QIODeviceSource()
vfunc[2]:	QIODeviceSource::readyToSend()
vfunc[3]:	QIODeviceSource::sendTo(QDataSink*, int)
vfunc[4]:	QIODeviceSource::rewindable() const
vfunc[5]:	QIODeviceSource::enableRewind(bool)
vfunc[6]:	QIODeviceSource::rewind()

The Run Time Type Information for the QIODeviceSource class is described by Table 18-190

Table 18-190 typeinfo for QIODeviceSource

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIODeviceSource
basetype:	typeinfo for QDataSource

18.2.11.15 Class data for QIODevice

The virtual table for the QIODevice class is described by Table 18-191

Table 18-191 Primary vtable for QIODevice

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIODevice
vfunc[0]:	QIODevice::~QIODevice()
vfunc[1]:	QIODevice::~QIODevice()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	QIODevice::at() const

vfunc[7]:	QIODevice::at(unsigned long)
vfunc[8]:	QIODevice::atEnd() const
vfunc[9]:	__cxa_pure_virtual
vfunc[10]:	__cxa_pure_virtual
vfunc[11]:	QIODevice::readLine(char*, unsigned long)
vfunc[12]:	QIODevice::readAll()
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual

The Run Time Type Information for the QIODevice class is described by Table 18-192

Table 18-192 typeinfo for QIODevice

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QIODevice

18.2.11.16 Class data for QDataStream

The virtual table for the QDataStream class is described by Table 18-193

Table 18-193 Primary vtable for QDataStream

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDataStream
vfunc[0]:	QDataStream::~QDataStream()
vfunc[1]:	QDataStream::~QDataStream()

The Run Time Type Information for the QDataStream class is described by Table 18-194

Table 18-194 typeinfo for QDataStream

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QDataStream

18.2.11.17 Interfaces for Qt3 Input/Output

An LSB conforming implementation shall provide the generic functions for Qt3 Input/Output specified in Table 18-195, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-195 libqt-mt - Qt3 Input/Output Function Interfaces

_ZN10QClipboard11dataChangedEv [qt-mt]	_ZN10QClipboard11qt_propertyEiiP8QVariant [qt-mt]
_ZN10QClipboard13connectNotifyEPKc [qt-mt]	_ZN10QClipboard14ownerDestroyedEv [qt-mt]

 © 2008 Linux Foundation

_ZN10QClipboard16selectionChangedEv [qt-mt]	_ZN10QClipboard16setSelectionModeEb [qt-mt]
_ZN10QClipboard16staticMetaObjectEv [qt-mt]	_ZN10QClipboard18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN10QClipboard2trEPKcS1 [qt-mt]	_ZN10QClipboard5clearENS_4ModeE [qt-mt]
_ZN10QClipboard5clearEv [qt-mt]	_ZN10QClipboard5eventEP6QEvent [qt-mt]
ZN10QClipboard6trUtf8EPKcS1 [qt-mt]	_ZN10QClipboard7qt_castEPKc [qt-mt]
_ZN10QClipboard7qt_emitEiP8QUObject [qt-mt]	_ZN10QClipboard7setDataEP11QMimeSource [qt-mt]
_ZN10QClipboard7setDataEP11QMimeSourceNS_4ModeE [qt-mt]	_ZN10QClipboard7setTextERK7QString [qt-mt]
_ZN10QClipboard7setTextERK7QStringNS_4ModeE [qt-mt]	_ZN10QClipboard8setImageERK6QImage [qt-mt]
_ZN10QClipboard8setImageERK6QImageNS_4ModeE [qt-mt]	_ZN10QClipboard9qt_invokeEiP8QUObject [qt-mt]
_ZN10QClipboard9setPixmapERK7QPixmap [qt-mt]	_ZN10QClipboard9setPixmapERK7QPixmapNS_4ModeE [qt-mt]
_ZN10QClipboardC1EP7QObjectPKc [qt-mt]	_ZN10QClipboardC2EP7QObjectPKc [qt-mt]
_ZN10QClipboardD0Ev [qt-mt]	_ZN10QClipboardD1Ev [qt-mt]
_ZN10QClipboardD2Ev [qt-mt]	_ZN11QDataSource10maybeReadyEv [qt-mt]
_ZN11QDataSource12enableRewindEb [qt-mt]	_ZN11QDataSource6rewindEv [qt-mt]
_ZN11QDataStream10writeBytesEPKcj [qt-mt]	_ZN11QDataStream11unsetDeviceEv [qt-mt]
_ZN11QDataStream12readRawBytesEPcj [qt-mt]	_ZN11QDataStream12setByteOrderEi [qt-mt]
_ZN11QDataStream13writeRawBytesEPKcj [qt-mt]	_ZN11QDataStream9readBytesERPcRj [qt-mt]
_ZN11QDataStream9setDeviceEP9QIODevice [qt-mt]	_ZN11QDataStreamC1E9QMemArrayIcEi [qt-mt]
_ZN11QDataStreamC1EP9QIODevice [qt-mt]	_ZN11QDataStreamC1Ev [qt-mt]
_ZN11QDataStreamC2E9QMemArrayIcEi [qt-mt]	_ZN11QDataStreamC2EP9QIODevice [qt-mt]
_ZN11QDataStreamC2Ev [qt-mt]	_ZN11QDataStreamD0Ev [qt-mt]
_ZN11QDataStreamD1Ev [qt-mt]	_ZN11QDataStreamD2Ev [qt-mt]
_ZN11QDataStreamlsEPKc [qt-mt]	_ZN11QDataStreamlsEa [qt-mt]
_ZN11QDataStreamlsEd [qt-mt]	_ZN11QDataStreamlsEf [qt-mt]
_ZN11QDataStreamlsEi [qt-mt]	_ZN11QDataStreamlsEl [qt-mt]
_ZN11QDataStreamlsEs [qt-mt]	_ZN11QDataStreamlsEx [qt-mt]

_ZN11QDataStreamrsERPc [qt-mt]	_ZN11QDataStreamrsERa [qt-mt]
_ZN11QDataStreamrsERd [qt-mt]	_ZN11QDataStreamrsERf [qt-mt]
_ZN11QDataStreamrsERi [qt-mt]	_ZN11QDataStreamrsERl [qt-mt]
_ZN11QDataStreamrsERs [qt-mt]	_ZN11QDataStreamrsERx [qt-mt]
_ZN11QTextStream10output_intEimb [qt-mt]	_ZN11QTextStream10ts_getlineEP5QChar [qt-mt]
_ZN11QTextStream10ts_isdigitE5QChar [qt-mt]	_ZN11QTextStream10ts_isspaceE5QChar [qt-mt]
_ZN11QTextStream10writeBlockEPK5QCharj [qt-mt]	_ZN11QTextStream10writeBlockEPKcj [qt-mt]
_ZN11QTextStream11setEncodingENS_8EncodingE [qt-mt]	_ZN11QTextStream11unsetDeviceEv [qt-mt]
_ZN11QTextStream12input_doubleEv [qt-mt]	_ZN11QTextStream12readRawBytesEPcj [qt-mt]
_ZN11QTextStream13writeRawBytesEPKcj [qt-mt]	_ZN11QTextStream14skipWhiteSpaceEv [qt-mt]
_ZN11QTextStream4initEv [qt-mt]	_ZN11QTextStream4readEv [qt-mt]
_ZN11QTextStream5codecEv [qt-mt]	_ZN11QTextStream5resetEv [qt-mt]
_ZN11QTextStream6eat_wsEv [qt-mt]	_ZN11QTextStream7ts_putcE5QChar [qt-mt]
_ZN11QTextStream7ts_putcEi [qt-mt]	_ZN11QTextStream8readLineEv [qt-mt]
_ZN11QTextStream8setCodecEP10QTextCodec [qt-mt]	_ZN11QTextStream9input_binEv [qt-mt]
_ZN11QTextStream9input_decEv [qt-mt]	_ZN11QTextStream9input_hexEv [qt-mt]
_ZN11QTextStream9input_intEv [qt-mt]	_ZN11QTextStream9input_octEv [qt-mt]
_ZN11QTextStream9setDeviceEP9QIODevice [qt-mt]	_ZN11QTextStream9ts_getbufEP5QCharj [qt-mt]
_ZN11QTextStream9ts_ungetcE5QChar [qt-mt]	_ZN11QTextStreamC1E9QMemArrayIcEi [qt-mt]
_ZN11QTextStreamC1EP7QStringi [qt-mt]	_ZN11QTextStreamC1EP8_IO_FILEi [qt-mt]
_ZN11QTextStreamC1EP9QIODevice [qt-mt]	_ZN11QTextStreamC1ER7QStringi [qt-mt]
_ZN11QTextStreamC1Ev [qt-mt]	_ZN11QTextStreamC2E9QMemArrayIcEi [qt-mt]
_ZN11QTextStreamC2EP7QStringi [qt-mt]	_ZN11QTextStreamC2EP8_IO_FILEi [qt-mt]
_ZN11QTextStreamC2EP9QIODevice [qt-mt]	_ZN11QTextStreamC2ER7QStringi [qt-mt]
_ZN11QTextStreamC2Ev [qt-mt]	_ZN11QTextStreamD0Ev [qt-mt]
_ZN11QTextStreamD1Ev [qt-mt]	_ZN11QTextStreamD2Ev [qt-mt]

 © 2008 Linux Foundation

_ZN11QTextStreamlsE5QChar [qt-mt]	_ZN11QTextStreamlsEPKc [qt-mt]
_ZN11QTextStreamlsEPv [qt-mt]	_ZN11QTextStreamlsERK7QString [qt-mt]
_ZN11QTextStreamlsERK8QCString [qt-mt]	_ZN11QTextStreamlsEc [qt-mt]
_ZN11QTextStreamlsEd [qt-mt]	_ZN11QTextStreamlsEf [qt-mt]
_ZN11QTextStreamlsEi [qt-mt]	_ZN11QTextStreamlsEj [qt-mt]
_ZN11QTextStreamlsEl [qt-mt]	_ZN11QTextStreamlsEm [qt-mt]
_ZN11QTextStreamlsEs [qt-mt]	_ZN11QTextStreamlsEt [qt-mt]
_ZN11QTextStreamrsEPc [qt-mt]	_ZN11QTextStreamrsER5QChar [qt-mt]
_ZN11QTextStreamrsER7QString [qt-mt]	_ZN11QTextStreamrsER8QCString [qt-mt]
_ZN11QTextStreamrsERc [qt-mt]	_ZN11QTextStreamrsERd [qt-mt]
_ZN11QTextStreamrsERf [qt-mt]	_ZN11QTextStreamrsERi [qt-mt]
_ZN11QTextStreamrsERj [qt-mt]	_ZN11QTextStreamrsERl [qt-mt]
_ZN11QTextStreamrsERm [qt-mt]	_ZN11QTextStreamrsERs [qt-mt]
_ZN11QTextStreamrsERt [qt-mt]	_ZN13QSignalMapper10setMappingEPK7QObjectRK7QString [qt-mt]
_ZN13QSignalMapper10setMappingEPK7QObjecti [qt-mt]	_ZN13QSignalMapper11qt_propertyEiiP8QVariant [qt-mt]
_ZN13QSignalMapper13removeMappingEv [qt-mt]	_ZN13QSignalMapper14removeMappingsEPK7QObject [qt-mt]
_ZN13QSignalMapper16staticMetaObjectEv [qt-mt]	_ZN13QSignalMapper18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN13QSignalMapper2trEPKcS1 [qt-mt]	_ZN13QSignalMapper3mapEv [qt-mt]
_ZN13QSignalMapper6getRecEPK7QObject [qt-mt]	_ZN13QSignalMapper6mappedERK7QString [qt-mt]
_ZN13QSignalMapper6mappedEi [qt-mt]	_ZN13QSignalMapper6trUtf8EPKcS1_ [qt-mt]
_ZN13QSignalMapper7qt_castEPKc [qt-mt]	_ZN13QSignalMapper7qt_emitEiP8QUObject [qt-mt]
_ZN13QSignalMapper9qt_invokeEiP8QUObject [qt-mt]	_ZN13QSignalMapperC1EP7QObjectPKc [qt-mt]
_ZN13QSignalMapperC2EP7QObjectPKc [qt-mt]	_ZN13QSignalMapperD0Ev [qt-mt]
_ZN13QSignalMapperD1Ev [qt-mt]	_ZN13QSignalMapperD2Ev [qt-mt]
_ZN15QIODeviceSource11readyToSendEv [qt-mt]	_ZN15QIODeviceSource12enableRewindEb [qt-mt]
_ZN15QIODeviceSource6rewindEv [qt-mt]	_ZN15QIODeviceSource6sendToEP9QDataSinki [qt-mt]

_ZN15QIODeviceSourceC1EP9QIODevicei [qt-mt]	_ZN15QIODeviceSourceC2EP9QIODevicei [qt-mt]
_ZN15QIODeviceSourceD0Ev [qt-mt]	_ZN15QIODeviceSourceD1Ev [qt-mt]
_ZN15QIODeviceSourceD2Ev [qt-mt]	_ZN4QDir10setCurrentERK7QString [qt-mt]
_ZN4QDir10setSortingEi [qt-mt]	_ZN4QDir11homeDirPathEv [qt-mt]
_ZN4QDir11rootDirPathEv [qt-mt]	_ZN4QDir12cleanDirPathERK7QString [qt-mt]
_ZN4QDir12convertToAbsEv [qt-mt]	_ZN4QDir13setNameFilterERK7QString [qt-mt]
_ZN4QDir14currentDirPathEv [qt-mt]	_ZN4QDir14isRelativePathERK7QString [qt-mt]
_ZN4QDir14readDirEntriesERK7QStringii [qt-mt]	_ZN4QDir15setMatchAllDirsEb [qt-mt]
_ZN4QDir17convertSeparatorsERK7QString [qt-mt]	_ZN4QDir2cdERK7QStringb [qt-mt]
_ZN4QDir4cdUpEv [qt-mt]	_ZN4QDir4homeEv [qt-mt]
_ZN4QDir4initEv [qt-mt]	_ZN4QDir4rootEv [qt-mt]
_ZN4QDir5matchERK11QStringListRK7QString [qt-mt]	_ZN4QDir5matchERK7QStringS2_ [qt-mt]
_ZN4QDir6detachEv [qt-mt]	_ZN4QDir6drivesEv [qt-mt]
_ZN4QDir6existsERK7QStringb [qt-mt]	_ZN4QDir6removeERK7QStringb [qt-mt]
_ZN4QDir6renameERK7QStringS2_b [qt-mt]	_ZN4QDir7currentEv [qt-mt]
_ZN4QDir7setPathERK7QString [qt-mt]	_ZN4QDir8slashifyER7QString [qt-mt]
_ZN4QDir9separatorEv [qt-mt]	_ZN4QDir9setFilterEi [qt-mt]
_ZN4QDirC1ERK7QStringS2_ii [qt-mt]	_ZN4QDirC1ERKS_ [qt-mt]
_ZN4QDirC1Ev [qt-mt]	_ZN4QDirC2ERK7QStringS2_ii [qt-mt]
ZN4QDirC2ERKS [qt-mt]	_ZN4QDirC2Ev [qt-mt]
_ZN4QDirD0Ev [qt-mt]	_ZN4QDirD1Ev [qt-mt]
_ZN4QDirD2Ev [qt-mt]	_ZN4QDiraSERK7QString [qt-mt]
ZN4QDiraSERKS [qt-mt]	_ZN5QFile10decodeNameERK8QCString [qt-mt]
_ZN5QFile10encodeNameERK7QString [qt-mt]	_ZN5QFile10writeBlockEPKcm [qt-mt]
_ZN5QFile14setErrorStringERK7QString [qt-mt]	_ZN5QFile19setDecodingFunctionEPF7QStringRK8QCStringE [qt-mt]
_ZN5QFile19setEncodingFunctionEPF8QCStringRK7QStringE [qt-mt]	_ZN5QFile19setErrorStringErrnoEi [qt-mt]

 © 2008 Linux Foundation

_ZN5QFile2atEm [qt-mt]	_ZN5QFile4initEv [qt-mt]
_ZN5QFile4openEi [qt-mt]	_ZN5QFile4openEiP8_IO_FILE [qt-mt]
_ZN5QFile4openEii [qt-mt]	_ZN5QFile5closeEv [qt-mt]
_ZN5QFile5flushEv [qt-mt]	_ZN5QFile5getchEv [qt-mt]
_ZN5QFile5putchEi [qt-mt]	_ZN5QFile6existsERK7QString [qt-mt]
_ZN5QFile6removeERK7QString [qt-mt]	_ZN5QFile6removeEv [qt-mt]
_ZN5QFile7setNameERK7QString [qt-mt]	_ZN5QFile7ungetchEi [qt-mt]
_ZN5QFile8readLineEPcm [qt-mt]	_ZN5QFile8readLineER7QStringm [qt-mt]
_ZN5QFile9readBlockEPcm [qt-mt]	_ZN5QFileC1ERK7QString [qt-mt]
_ZN5QFileC1Ev [qt-mt]	_ZN5QFileC2ERK7QString [qt-mt]
_ZN5QFileC2Ev [qt-mt]	_ZN5QFileD0Ev [qt-mt]
_ZN5QFileD1Ev [qt-mt]	_ZN5QFileD2Ev [qt-mt]
_ZN7QBuffer10writeBlockEPKcm [qt-mt]	_ZN7QBuffer2atEm [qt-mt]
_ZN7QBuffer4openEi [qt-mt]	_ZN7QBuffer5closeEv [qt-mt]
_ZN7QBuffer5flushEv [qt-mt]	_ZN7QBuffer5getchEv [qt-mt]
_ZN7QBuffer5putchEi [qt-mt]	_ZN7QBuffer7ungetchEi [qt-mt]
_ZN7QBuffer8readLineEPcm [qt-mt]	_ZN7QBuffer9readBlockEPcm [qt-mt]
_ZN7QBuffer9setBufferE9QMemArrayIcE [qt-mt]	_ZN7QBufferC1E9QMemArrayIcE [qt-mt]
_ZN7QBufferC1Ev [qt-mt]	_ZN7QBufferC2E9QMemArrayIcE [qt-mt]
_ZN7QBufferC2Ev [qt-mt]	_ZN7QBufferD0Ev [qt-mt]
_ZN7QBufferD1Ev [qt-mt]	_ZN7QBufferD2Ev [qt-mt]
_ZN7QSignal10disconnectEPK7QObjectPKc [qt-mt]	_ZN7QSignal11qt_propertyEiiP8QVariant [qt-mt]
_ZN7QSignal12setParameterEi [qt-mt]	_ZN7QSignal16staticMetaObjectEv [qt-mt]
_ZN7QSignal18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN7QSignal2trEPKcS1_ [qt-mt]
_ZN7QSignal6signalERK8QVariant [qt-mt]	_ZN7QSignal6trUtf8EPKcS1_ [qt-mt]
_ZN7QSignal7connectEPK7QObjectPKc [qt-mt]	_ZN7QSignal7qt_castEPKc [qt-mt]
_ZN7QSignal7qt_emitEiP8QUObject [qt-mt]	_ZN7QSignal8activateEv [qt-mt]
_ZN7QSignal8setValueERK8QVariant [qt-mt]	_ZN7QSignal9intSignalEi [qt-mt]

_ZN7QSignal9qt_invokeEiP8QUObject [qt-mt]	_ZN7QSignalC1EP7QObjectPKc [qt-mt]
_ZN7QSignalC2EP7QObjectPKc [qt-mt]	_ZN7QSignalD0Ev [qt-mt]
_ZN7QSignalD1Ev [qt-mt]	_ZN7QSignalD2Ev [qt-mt]
_ZN8QAsyncIO5readyEv [qt-mt]	_ZN8QAsyncIO7connectEP7QObjectPKc [qt-mt]
_ZN8QAsyncIOD0Ev [qt-mt]	_ZN8QAsyncIOD1Ev [qt-mt]
_ZN8QAsyncIOD2Ev [qt-mt]	_ZN8QImageIO10setQualityEi [qt-mt]
_ZN8QImageIO11imageFormatEP9QIODevice [qt-mt]	_ZN8QImageIO11imageFormatERK7QString [qt-mt]
_ZN8QImageIO11setFileNameERK7QString [qt-mt]	_ZN8QImageIO11setIODeviceEP9QIODevice [qt-mt]
_ZN8QImageIO12inputFormatsEv [qt-mt]	_ZN8QImageIO13outputFormatsEv [qt-mt]
_ZN8QImageIO13setParametersEPKc [qt-mt]	_ZN8QImageIO14setDescriptionERK7QString [qt-mt]
_ZN8QImageIO15defineIOHandlerEPKcS1_S1_PFvPS_ES4_ [qt-mt]	_ZN8QImageIO4initEv [qt-mt]
_ZN8QImageIO4readEv [qt-mt]	_ZN8QImageIO5writeEv [qt-mt]
_ZN8QImageIO8setGammaEf [qt-mt]	_ZN8QImageIO8setImageERK6QImage [qt-mt]
_ZN8QImageIO9setFormatEPKc [qt-mt]	_ZN8QImageIO9setStatusEi [qt-mt]
_ZN8QImageIOC1EP9QIODevicePKc [qt-mt]	_ZN8QImageIOC1ERK7QStringPKc [qt-mt]
_ZN8QImageIOC1Ev [qt-mt]	_ZN8QImageIOC2EP9QIODevicePKc [qt-mt]
_ZN8QImageIOC2ERK7QStringPKc [qt-mt]	_ZN8QImageIOC2Ev [qt-mt]
_ZN8QImageIOD1Ev [qt-mt]	_ZN8QImageIOD2Ev [qt-mt]
_ZN8QProcess10closeStdinEv [qt-mt]	_ZN8QProcess10flushStdinEv [qt-mt]
_ZN8QProcess10readStderrEv [qt-mt]	_ZN8QProcess10readStdoutEv [qt-mt]
_ZN8QProcess10socketReadEi [qt-mt]	_ZN8QProcess11addArgumentERK7QString [qt-mt]
_ZN8QProcess11qt_propertyEiiP8QVariant [qt-mt]	_ZN8QProcess11socketWriteEi [qt-mt]
_ZN8QProcess12membufStderrEv [qt-mt]	_ZN8QProcess12membufStdoutEv [qt-mt]
_ZN8QProcess12setArgumentsERK11QStringList [qt-mt]	_ZN8QProcess12writeToStdinERK7QString [qt-mt]
_ZN8QProcess12writeToStdinERK9	_ZN8QProcess12wroteToStdinEv

 © 2008 Linux Foundation

QMemArrayIcE [qt-mt]	[qt-mt]
_ZN8QProcess13connectNotifyEPKc [qt-mt]	_ZN8QProcess13processExitedEv [qt-mt]
_ZN8QProcess14clearArgumentsEv [qt-mt]	_ZN8QProcess14launchFinishedEv [qt-mt]
_ZN8QProcess14readLineStderrEv [qt-mt]	_ZN8QProcess14readLineStdoutEv [qt-mt]
_ZN8QProcess15readyReadStderrEv [qt-mt]	_ZN8QProcess15readyReadStdoutEv [qt-mt]
_ZN8QProcess15setNotifyOnExitEb [qt-mt]	_ZN8QProcess16closeStdinLaunchEv [qt-mt]
_ZN8QProcess16disconnectNotifyEPKc [qt-mt]	_ZN8QProcess16setCommunicationEi [qt-mt]
_ZN8QProcess16setIoRedirectionEb [qt-mt]	_ZN8QProcess16staticMetaObjectEv [qt-mt]
_ZN8QProcess17processIdentifierEv [qt-mt]	_ZN8QProcess18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN8QProcess19setWorkingDirectoryERK4QDir [qt-mt]	_ZN8QProcess22setWroteStdinConnectedEb [qt-mt]
ZN8QProcess2trEPKcS1 [qt-mt]	_ZN8QProcess4initEv [qt-mt]
_ZN8QProcess5resetEv [qt-mt]	_ZN8QProcess5startEP11QStringList [qt-mt]
_ZN8QProcess6launchERK7QStringP11QStringList [qt-mt]	_ZN8QProcess6launchERK9QMemArrayIcEP11QStringList [qt-mt]
ZN8QProcess6trUtf8EPKcS1 [qt-mt]	_ZN8QProcess7qt_castEPKc [qt-mt]
_ZN8QProcess7qt_emitEiP8QUObject [qt-mt]	_ZN8QProcess7timeoutEv [qt-mt]
_ZN8QProcess9qt_invokeEiP8QUObject [qt-mt]	_ZN8QProcessC1EP7QObjectPKc [qt-mt]
_ZN8QProcessC1ERK11QStringListP7QObjectPKc [qt-mt]	_ZN8QProcessC1ERK7QStringP7QObjectPKc [qt-mt]
_ZN8QProcessC2EP7QObjectPKc [qt-mt]	_ZN8QProcessC2ERK11QStringListP7QObjectPKc [qt-mt]
_ZN8QProcessC2ERK7QStringP7QObjectPKc [qt-mt]	_ZN8QProcessD0Ev [qt-mt]
_ZN8QProcessD1Ev [qt-mt]	_ZN8QProcessD2Ev [qt-mt]
_ZN9QDataPump11qt_propertyEiiP8QVariant [qt-mt]	_ZN9QDataPump16staticMetaObjectEv [qt-mt]
_ZN9QDataPump18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN9QDataPump2trEPKcS1_ [qt-mt]
ZN9QDataPump6trUtf8EPKcS1 [qt-mt]	_ZN9QDataPump7qt_castEPKc [qt-mt]
_ZN9QDataPump7qt_emitEiP8QUObject [qt-mt]	_ZN9QDataPump9kickStartEv [qt-mt]

_ZN9QDataPump9qt_invokeEiP8QUObject [qt-mt]	_ZN9QDataPump9tryToPumpEv [qt-mt]
_ZN9QDataPumpC1EP11QDataSourceP9QDataSink [qt-mt]	_ZN9QDataPumpC2EP11QDataSourceP9QDataSink [qt-mt]
_ZN9QDataSink10maybeReadyEv [qt-mt]	_ZN9QFileInfo10setCachingEb [qt-mt]
_ZN9QFileInfo12convertToAbsEv [qt-mt]	_ZN9QFileInfo6detachEv [qt-mt]
_ZN9QFileInfo7makeAbsER7QString [qt-mt]	_ZN9QFileInfo7setFileERK4QDirRK7QString [qt-mt]
_ZN9QFileInfo7setFileERK5QFile [qt-mt]	_ZN9QFileInfo7setFileERK7QString [qt-mt]
_ZN9QFileInfo8slashifyER7QString [qt-mt]	_ZN9QFileInfoC1ERK4QDirRK7QString [qt-mt]
_ZN9QFileInfoC1ERK5QFile [qt-mt]	_ZN9QFileInfoC1ERK7QString [qt-mt]
ZN9QFileInfoC1ERKS [qt-mt]	_ZN9QFileInfoC1Ev [qt-mt]
_ZN9QFileInfoC2ERK4QDirRK7QString [qt-mt]	_ZN9QFileInfoC2ERK5QFile [qt-mt]
_ZN9QFileInfoC2ERK7QString [qt-mt]	_ZN9QFileInfoC2ERKS_ [qt-mt]
_ZN9QFileInfoC2Ev [qt-mt]	_ZN9QFileInfoD1Ev [qt-mt]
_ZN9QFileInfoD2Ev [qt-mt]	_ZN9QFileInfoaSERKS_ [qt-mt]
_ZN9QIODevice10writeBlockERK9QMemArrayIcE [qt-mt]	_ZN9QIODevice2atEm [qt-mt]
_ZN9QIODevice7readAllEv [qt-mt]	_ZN9QIODevice7setModeEi [qt-mt]
_ZN9QIODevice7setTypeEi [qt-mt]	_ZN9QIODevice8readLineEPcm [qt-mt]
_ZN9QIODevice8setStateEi [qt-mt]	_ZN9QIODevice9setStatusEi [qt-mt]
_ZN9QIODeviceC1Ev [qt-mt]	_ZN9QIODeviceC2Ev [qt-mt]
_ZN9QIODeviceD0Ev [qt-mt]	_ZN9QIODeviceD1Ev [qt-mt]
_ZN9QIODeviceD2Ev [qt-mt]	_ZN9QSettings10beginGroupERK7QString [qt-mt]
_ZN9QSettings10resetGroupEv [qt-mt]	_ZN9QSettings10writeEntryERK7QStringPKc [qt-mt]
_ZN9QSettings10writeEntryERK7QStringRK11QStringList [qt-mt]	_ZN9QSettings10writeEntryERK7QStringRK11QStringListRK5QChar [qt-mt]
ZN9QSettings10writeEntryERK7QStringS2 [qt-mt]	_ZN9QSettings10writeEntryERK7QStringb [qt-mt]
_ZN9QSettings10writeEntryERK7QStringd [qt-mt]	_ZN9QSettings10writeEntryERK7QStringi [qt-mt]
_ZN9QSettings11removeEntryERK7QString [qt-mt]	_ZN9QSettings12readNumEntryERK7QStringiPb [qt-mt]
_ZN9QSettings13readBoolEntryERK	_ZN9QSettings13readListEntryERK7

 © 2008 Linux Foundation

7QStringbPb [qt-mt]	QStringPb [qt-mt]
_ZN9QSettings13readListEntryERK7QStringRK5QCharPb [qt-mt]	_ZN9QSettings15readDoubleEntryERK7QStringdPb [qt-mt]
_ZN9QSettings16insertSearchPathENS_6SystemERK7QString [qt-mt]	_ZN9QSettings16removeSearchPathENS_6SystemERK7QString [qt-mt]
_ZN9QSettings20lastModificationTimeERK7QString [qt-mt]	_ZN9QSettings4syncEv [qt-mt]
_ZN9QSettings7setPathERK7QStringS2_NS_5ScopeE [qt-mt]	_ZN9QSettings8endGroupEv [qt-mt]
_ZN9QSettings9readEntryERK7QStringS2_Pb [qt-mt]	_ZN9QSettingsC1ENS_6FormatE [qt-mt]
_ZN9QSettingsC1Ev [qt-mt]	_ZN9QSettingsC2ENS_6FormatE [qt-mt]
_ZN9QSettingsC2Ev [qt-mt]	_ZN9QSettingsD1Ev [qt-mt]
_ZN9QSettingsD2Ev [qt-mt]	_ZNK10QClipboard13ownsClipboardEv [qt-mt]
_ZNK10QClipboard13ownsSelectionEv [qt-mt]	_ZNK10QClipboard17supportsSelectionEv [qt-mt]
_ZNK10QClipboard20selectionModeEnabledEv [qt-mt]	_ZNK10QClipboard4dataENS_4ModeE [qt-mt]
_ZNK10QClipboard4dataEv [qt-mt]	_ZNK10QClipboard4textENS_4ModeE [qt-mt]
_ZNK10QClipboard4textER8QCString [qt-mt]	_ZNK10QClipboard4textER8QCStringNS_4ModeE [qt-mt]
_ZNK10QClipboard4textEv [qt-mt]	_ZNK10QClipboard5imageENS_4ModeE [qt-mt]
_ZNK10QClipboard5imageEv [qt-mt]	_ZNK10QClipboard6pixmapENS_4ModeE [qt-mt]
_ZNK10QClipboard6pixmapEv [qt-mt]	_ZNK10QClipboard9classNameEv [qt-mt]
_ZNK11QDataSource10rewindableEv [qt-mt]	_ZNK13QSignalMapper9classNameEv [qt-mt]
_ZNK15QIODeviceSource10rewindableEv [qt-mt]	_ZNK4QDir10isReadableEv [qt-mt]
_ZNK4QDir10isRelativeEv [qt-mt]	_ZNK4QDir11absFilePathERK7QStringb [qt-mt]
_ZNK4QDir13canonicalPathEv [qt-mt]	_ZNK4QDir13entryInfoListERK7QStringii [qt-mt]
_ZNK4QDir13entryInfoListEii [qt-mt]	_ZNK4QDir16encodedEntryListERK7QStringii [qt-mt]
_ZNK4QDir16encodedEntryListEii [qt-mt]	_ZNK4QDir5countEv [qt-mt]
_ZNK4QDir5mkdirERK7QStringb [qt-mt]	_ZNK4QDir5rmdirERK7QStringb [qt-mt]
_ZNK4QDir6existsEv [qt-mt]	_ZNK4QDir6isRootEv [qt-mt]

_ZNK4QDir7absPathEv [qt-mt]	_ZNK4QDir7dirNameEv [qt-mt]
_ZNK4QDir7refreshEv [qt-mt]	_ZNK4QDir8filePathERK7QStringb [qt-mt]
_ZNK4QDir9entryListERK7QStringi i [qt-mt]	_ZNK4QDir9entryListEii [qt-mt]
ZNK4QDireqERKS [qt-mt]	_ZNK4QDirixEi [qt-mt]
_ZNK5QFile11errorStringEv [qt-mt]	_ZNK5QFile4sizeEv [qt-mt]
_ZNK5QFile5atEndEv [qt-mt]	_ZNK5QFile6existsEv [qt-mt]
_ZNK5QFile6handleEv [qt-mt]	_ZNK7QSignal5valueEv [qt-mt]
_ZNK7QSignal9classNameEv [qt-mt]	_ZNK7QSignal9parameterEv [qt-mt]
_ZNK8QImageIO10parametersEv [qt-mt]	_ZNK8QImageIO5gammaEv [qt-mt]
_ZNK8QImageIO7qualityEv [qt-mt]	_ZNK8QProcess10exitStatusEv [qt-mt]
_ZNK8QProcess10normalExitEv [qt-mt]	_ZNK8QProcess12tryTerminateEv [qt-mt]
_ZNK8QProcess13communicationEv [qt-mt]	_ZNK8QProcess16workingDirectory Ev [qt-mt]
_ZNK8QProcess17canReadLineStder rEv [qt-mt]	_ZNK8QProcess17canReadLineStdo utEv [qt-mt]
_ZNK8QProcess4killEv [qt-mt]	_ZNK8QProcess9argumentsEv [qt-mt]
_ZNK8QProcess9classNameEv [qt-mt]	_ZNK8QProcess9isRunningEv [qt-mt]
_ZNK9QDataPump9classNameEv [qt-mt]	_ZNK9QFileInfo10isReadableEv [qt-mt]
_ZNK9QFileInfo10isRelativeEv [qt-mt]	_ZNK9QFileInfo10isWritableEv [qt-mt]
_ZNK9QFileInfo10permissionEi [qt-mt]	_ZNK9QFileInfo11absFilePathEv [qt-mt]
_ZNK9QFileInfo12isExecutableEv [qt-mt]	_ZNK9QFileInfo12lastModifiedEv [qt-mt]
_ZNK9QFileInfo3dirEb [qt-mt]	_ZNK9QFileInfo4sizeEv [qt-mt]
_ZNK9QFileInfo5groupEv [qt-mt]	_ZNK9QFileInfo5isDirEv [qt-mt]
_ZNK9QFileInfo5ownerEv [qt-mt]	_ZNK9QFileInfo6doStatEv [qt-mt]
_ZNK9QFileInfo6existsEv [qt-mt]	_ZNK9QFileInfo6isFileEv [qt-mt]
_ZNK9QFileInfo7createdEv [qt-mt]	_ZNK9QFileInfo7dirPathEb [qt-mt]
_ZNK9QFileInfo7groupIdEv [qt-mt]	_ZNK9QFileInfo7ownerIdEv [qt-mt]
_ZNK9QFileInfo7refreshEv [qt-mt]	_ZNK9QFileInfo8baseNameEb [qt-mt]
_ZNK9QFileInfo8fileNameEv [qt-mt]	_ZNK9QFileInfo8filePathEv [qt-mt]
_ZNK9QFileInfo8isHiddenEv [qt-	_ZNK9QFileInfo8lastReadEv [qt-mt]

© 2008 Linux Foundation

mt]	
_ZNK9QFileInfo8readLinkEv [qt-mt]	_ZNK9QFileInfo9extensionEb [qt-mt]
_ZNK9QFileInfo9isSymLinkEv [qt-mt]	_ZNK9QIODevice2atEv [qt-mt]
_ZNK9QIODevice5atEndEv [qt-mt]	_ZNK9QSettings10subkeyListERK7QString [qt-mt]
_ZNK9QSettings5groupEv [qt-mt]	_ZNK9QSettings9entryListERK7QString [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Input/Output specified in Table 18-196, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-196 libqt-mt - Qt3 Input/Output Data Interfaces

_ZN10QClipboard7metaObjE [qt-mt]	_ZN13QSignalMapper7metaObjE [qt-mt]
_ZN7QSignal7metaObjE [qt-mt]	_ZN8QProcess7metaObjE [qt-mt]
_ZN9QDataPump7metaObjE [qt-mt]	_ZTI10QClipboard [CXXABI]
_ZTI11QDataSource [CXXABI]	_ZTI11QDataStream [CXXABI]
_ZTI11QTextStream [CXXABI]	_ZTI12QTextOStream [CXXABI]
_ZTI13QSignalMapper [CXXABI]	_ZTI15QIODeviceSource [CXXABI]
_ZTI4QDir [CXXABI]	_ZTI5QFile [CXXABI]
_ZTI7QBuffer [CXXABI]	_ZTI7QSignal [CXXABI]
_ZTI8QAsyncIO [CXXABI]	_ZTI8QProcess [CXXABI]
_ZTI9QDataPump [CXXABI]	_ZTI9QDataSink [CXXABI]
_ZTI9QIODevice [CXXABI]	_ZTV10QClipboard [CXXABI]
_ZTV11QDataSource [CXXABI]	_ZTV11QDataStream [CXXABI]
_ZTV11QTextStream [CXXABI]	_ZTV12QTextOStream [CXXABI]
_ZTV13QSignalMapper [CXXABI]	_ZTV15QIODeviceSource [CXXABI]
_ZTV4QDir [CXXABI]	_ZTV5QFile [CXXABI]
_ZTV7QBuffer [CXXABI]	_ZTV7QSignal [CXXABI]
_ZTV8QAsyncIO [CXXABI]	_ZTV8QProcess [CXXABI]
_ZTV9QDataPump [CXXABI]	_ZTV9QDataSink [CXXABI]
_ZTV9QIODevice [CXXABI]	

18.2.12 Qt3 Multimedia

18.2.12.1 Class data for QImageFormat

The virtual table for the QImageFormat class is described by Table 18-197

Table 18-197 Primary vtable for QImageFormat

Base Offset	0
Virtual Base Offset	0

RTTI	typeinfo for QImageFormat
vfunc[0]:	QImageFormat::~QImageFormat()
vfunc[1]:	QImageFormat::~QImageFormat()
vfunc[2]:	__cxa_pure_virtual

The Run Time Type Information for the QImageFormat class is described by Table 18-198

Table 18-198 typeinfo for QImageFormat

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QImageFormat

18.2.12.2 Class data for QSound

The virtual table for the QSound class is described by Table 18-199

Table 18-199 Primary vtable for QSound

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSound
vfunc[0]:	NULL or QSound::metaObject() const
vfunc[1]:	QSound::className() const
vfunc[2]:	QSound::qt_cast(char const*)
vfunc[3]:	QSound::qt_invoke(int, QUObject*)
vfunc[4]:	QSound::qt_emit(int, QUObject*)
vfunc[5]:	QSound::qt_property(int, int, QVariant*)
vfunc[6]:	QSound::~QSound()
vfunc[7]:	QSound::~QSound()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)

 © 2008 Linux Foundation

vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QSound class is described by Table 18-200

Table 18-200 typeinfo for QSound

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSound
basetype:	typeinfo for QObject

18.2.12.3 Class data for QImageConsumer

The virtual table for the QImageConsumer class is described by Table 18-201

Table 18-201 Primary vtable for QImageConsumer

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QImageConsumer
vfunc[0]:	__cxa_pure_virtual
vfunc[1]:	__cxa_pure_virtual
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual

The Run Time Type Information for the QImageConsumer class is described by Table 18-202

Table 18-202 typeinfo for QImageConsumer

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QImageConsumer

18.2.12.4 Class data for QImageFormatType

The virtual table for the QImageFormatType class is described by Table 18-203

Table 18-203 Primary vtable for QImageFormatType

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QImageFormatType
vfunc[0]:	QImageFormatType::~QImageFormatType()

vfunc[1]:	QImageFormatType::~QImageFormatType()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QImageFormatType class is described by Table 18-204

Table 18-204 typeinfo for QImageFormatType

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QImageFormatType

18.2.12.5 Interfaces for Qt3 Multimedia

An LSB conforming implementation shall provide the generic functions for Qt3 Multimedia specified in Table 18-205, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-205 libqt-mt - Qt3 Multimedia Function Interfaces

_ZN12QImageFormatD0Ev [qt-mt]	_ZN12QImageFormatD1Ev [qt-mt]
_ZN12QImageFormatD2Ev [qt-mt]	_ZN13QImageDecoder10formatNameEPKhi [qt-mt]
_ZN13QImageDecoder12inputFormatsEv [qt-mt]	_ZN13QImageDecoder22registerDecoderFactoryEP16QImageFormatType [qt-mt]
_ZN13QImageDecoder24unregisterDecoderFactoryEP16QImageFormatType [qt-mt]	_ZN13QImageDecoder6decodeEPKhi [qt-mt]
_ZN13QImageDecoder6formatEPKc [qt-mt]	_ZN13QImageDecoderC1EP14QImageConsumer [qt-mt]
_ZN13QImageDecoderC2EP14QImageConsumer [qt-mt]	_ZN13QImageDecoderD1Ev [qt-mt]
_ZN13QImageDecoderD2Ev [qt-mt]	_ZN15QPNGImagePacker17setPixelAlignmentEi [qt-mt]
_ZN15QPNGImagePacker9packImageERK6QImage [qt-mt]	_ZN15QPNGImagePackerC1EP9QIODeviceii [qt-mt]
_ZN15QPNGImagePackerC2EP9QIODeviceii [qt-mt]	_ZN15QPNGImageWriter10setLoopingEi [qt-mt]
_ZN15QPNGImageWriter10writeImageERK6QImageii [qt-mt]	_ZN15QPNGImageWriter10writeImageERK6QImageiii [qt-mt]
_ZN15QPNGImageWriter13setFrameDelayEi [qt-mt]	_ZN15QPNGImageWriter17setDisposalMethodENS_14DisposalMethodE [qt-mt]
_ZN15QPNGImageWriter8setGammaEf [qt-mt]	_ZN15QPNGImageWriterC1EP9QIODevice [qt-mt]
_ZN15QPNGImageWriterC2EP9QIO	_ZN15QPNGImageWriterD1Ev [qt-

 © 2008 Linux Foundation

Device [qt-mt]	mt]
_ZN15QPNGImageWriterD2Ev [qt-mt]	_ZN16QImageFormatTypeC1Ev [qt-mt]
_ZN16QImageFormatTypeC2Ev [qt-mt]	_ZN16QImageFormatTypeD0Ev [qt-mt]
_ZN16QImageFormatTypeD1Ev [qt-mt]	_ZN16QImageFormatTypeD2Ev [qt-mt]
_ZN6QImage11imageFormatERK7QString [qt-mt]	_ZN6QImage12inputFormatsEv [qt-mt]
_ZN6QImage12invertPixelsEb [qt-mt]	_ZN6QImage12loadFromDataE9QMemArrayIcEPKc [qt-mt]
_ZN6QImage12loadFromDataEPKhjPKc [qt-mt]	_ZN6QImage12setNumColorsEi [qt-mt]
_ZN6QImage13outputFormatsEv [qt-mt]	_ZN6QImage14fromMimeSourceERK7QString [qt-mt]
_ZN6QImage14setAlphaBufferEb [qt-mt]	_ZN6QImage14systemBitOrderEv [qt-mt]
_ZN6QImage15inputFormatListEv [qt-mt]	_ZN6QImage15systemByteOrderEv [qt-mt]
_ZN6QImage16outputFormatListEv [qt-mt]	_ZN6QImage16setDotsPerMeterXEi [qt-mt]
_ZN6QImage16setDotsPerMeterYEi [qt-mt]	_ZN6QImage17warningIndexRangeEPKci [qt-mt]
_ZN6QImage4fillEj [qt-mt]	_ZN6QImage4initEv [qt-mt]
_ZN6QImage4loadERK7QStringPKc [qt-mt]	_ZN6QImage5resetEv [qt-mt]
_ZN6QImage6createERK5QSizeiiNS_6EndianE [qt-mt]	_ZN6QImage6createEiiiiNS_6EndianE [qt-mt]
_ZN6QImage6detachEv [qt-mt]	_ZN6QImage6reinitEv [qt-mt]
_ZN6QImage7setTextEPKcS1_RK7QString [qt-mt]	_ZN6QImage8freeBitsEv [qt-mt]
_ZN6QImage8setPixelEiij [qt-mt]	_ZN6QImage9setOffsetERK6QPoint [qt-mt]
_ZN6QImageC1EPKPKc [qt-mt]	_ZN6QImageC1EPhiiiPjiNS_6EndianE [qt-mt]
_ZN6QImageC1ERK5QSizeiiNS_6EndianE [qt-mt]	_ZN6QImageC1ERK7QStringPKc [qt-mt]
_ZN6QImageC1ERK9QMemArrayIcE [qt-mt]	_ZN6QImageC1ERKS_ [qt-mt]
_ZN6QImageC1EiiiiNS_6EndianE [qt-mt]	_ZN6QImageC1Ev [qt-mt]
_ZN6QImageC2EPKPKc [qt-mt]	_ZN6QImageC2EPhiiiPjiNS_6EndianE [qt-mt]
_ZN6QImageC2ERK5QSizeiiNS_6EndianE [qt-mt]	_ZN6QImageC2ERK7QStringPKc [qt-mt]

_ZN6QImageC2ERK9QMemArrayIcE [qt-mt]	_ZN6QImageC2ERKS_ [qt-mt]
_ZN6QImageC2EiiiiNS_6EndianE [qt-mt]	_ZN6QImageC2Ev [qt-mt]
_ZN6QImageD1Ev [qt-mt]	_ZN6QImageD2Ev [qt-mt]
_ZN6QImageaSERK7QPixmap [qt-mt]	_ZN6QImageaSERKS_ [qt-mt]
_ZN6QMovie13connectResizeEP7QObjectPKc [qt-mt]	_ZN6QMovie13connectStatusEP7QObjectPKc [qt-mt]
_ZN6QMovie13connectUpdateEP7QObjectPKc [qt-mt]	_ZN6QMovie16disconnectResizeEP7QObjectPKc [qt-mt]
_ZN6QMovie16disconnectStatusEP7QObjectPKc [qt-mt]	_ZN6QMovie16disconnectUpdateEP7QObjectPKc [qt-mt]
_ZN6QMovie18setBackgroundColorERK6QColor [qt-mt]	_ZN6QMovie4stepEi [qt-mt]
_ZN6QMovie4stepEv [qt-mt]	_ZN6QMovie5pauseEv [qt-mt]
_ZN6QMovie7restartEv [qt-mt]	_ZN6QMovie7unpauseEv [qt-mt]
_ZN6QMovie8pushDataEPKhi [qt-mt]	_ZN6QMovie8setSpeedEi [qt-mt]
_ZN6QMovieC1E9QMemArrayIcEi [qt-mt]	_ZN6QMovieC1EP11QDataSourcei [qt-mt]
_ZN6QMovieC1ERK7QStringi [qt-mt]	_ZN6QMovieC1ERKS_ [qt-mt]
_ZN6QMovieC1Ei [qt-mt]	_ZN6QMovieC1Ev [qt-mt]
_ZN6QMovieC2E9QMemArrayIcEi [qt-mt]	_ZN6QMovieC2EP11QDataSourcei [qt-mt]
_ZN6QMovieC2ERK7QStringi [qt-mt]	_ZN6QMovieC2ERKS_ [qt-mt]
_ZN6QMovieC2Ei [qt-mt]	_ZN6QMovieC2Ev [qt-mt]
_ZN6QMovieD1Ev [qt-mt]	_ZN6QMovieD2Ev [qt-mt]
ZN6QMovieaSERKS [qt-mt]	_ZN6QSound11isAvailableEv [qt-mt]
_ZN6QSound11qt_propertyEiiP8QVariant [qt-mt]	_ZN6QSound16staticMetaObjectEv [qt-mt]
_ZN6QSound18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN6QSound2trEPKcS1_ [qt-mt]
_ZN6QSound4playERK7QString [qt-mt]	_ZN6QSound4playEv [qt-mt]
_ZN6QSound4stopEv [qt-mt]	_ZN6QSound6trUtf8EPKcS1_ [qt-mt]
_ZN6QSound7qt_castEPKc [qt-mt]	_ZN6QSound7qt_emitEiP8QUObject [qt-mt]
_ZN6QSound8setLoopsEi [qt-mt]	_ZN6QSound9qt_invokeEiP8QUObject [qt-mt]
_ZN6QSoundC1ERK7QStringP7QO	_ZN6QSoundC2ERK7QStringP7QO

 © 2008 Linux Foundation

bjectPKc [qt-mt]	bjectPKc [qt-mt]
_ZN6QSoundD0Ev [qt-mt]	_ZN6QSoundD1Ev [qt-mt]
_ZN6QSoundD2Ev [qt-mt]	_ZNK6QImage10pixelIndexEii [qt-mt]
_ZNK6QImage10scaleWidthEi [qt-mt]	_ZNK6QImage11isGrayscaleEv [qt-mt]
_ZNK6QImage11scaleHeightEi [qt-mt]	_ZNK6QImage11smoothScaleERK5QSizeNS_9ScaleModeE [qt-mt]
_ZNK6QImage11smoothScaleEiiNS_9ScaleModeE [qt-mt]	_ZNK6QImage12convertDepthEi [qt-mt]
_ZNK6QImage12convertDepthEii [qt-mt]	_ZNK6QImage13textLanguagesEv [qt-mt]
_ZNK6QImage15convertBitOrderENS_6EndianE [qt-mt]	_ZNK6QImage15createAlphaMaskEi [qt-mt]
_ZNK6QImage19createHeuristicMaskEb [qt-mt]	_ZNK6QImage23convertDepthWithPaletteEiPjii [qt-mt]
_ZNK6QImage4copyEiiiii [qt-mt]	_ZNK6QImage4copyEv [qt-mt]
_ZNK6QImage4miscEv [qt-mt]	_ZNK6QImage4saveEP9QIODevicePKci [qt-mt]
_ZNK6QImage4saveERK7QStringPKci [qt-mt]	_ZNK6QImage4textEPKcS1_ [qt-mt]
_ZNK6QImage4textERK17QImageTextKeyLang [qt-mt]	_ZNK6QImage5pixelEii [qt-mt]
_ZNK6QImage5scaleERK5QSizeNS_9ScaleModeE [qt-mt]	_ZNK6QImage5scaleEiiNS_9ScaleModeE [qt-mt]
_ZNK6QImage5validEii [qt-mt]	_ZNK6QImage5xFormERK8QWMatrix [qt-mt]
_ZNK6QImage6mirrorEbb [qt-mt]	_ZNK6QImage6mirrorEv [qt-mt]
_ZNK6QImage7allGrayEv [qt-mt]	_ZNK6QImage7swapRGBEv [qt-mt]
_ZNK6QImage8textKeysEv [qt-mt]	_ZNK6QImage8textListEv [qt-mt]
_ZNK6QImage9doImageIOEP8QImageIOi [qt-mt]	_ZNK6QImageeqERKS_ [qt-mt]
ZNK6QImageneERKS [qt-mt]	_ZNK6QMovie10frameImageEv [qt-mt]
_ZNK6QMovie11frameNumberEv [qt-mt]	_ZNK6QMovie11framePixmapEv [qt-mt]
_ZNK6QMovie12getValidRectEv [qt-mt]	_ZNK6QMovie15backgroundColorEv [qt-mt]
_ZNK6QMovie5speedEv [qt-mt]	_ZNK6QMovie5stepsEv [qt-mt]
_ZNK6QMovie6isNullEv [qt-mt]	_ZNK6QMovie6pausedEv [qt-mt]
_ZNK6QMovie7runningEv [qt-mt]	_ZNK6QMovie8finishedEv [qt-mt]
_ZNK6QMovie9pushSpaceEv [qt-mt]	_ZNK6QSound10isFinishedEv [qt-mt]
_ZNK6QSound14loopsRemainingEv	_ZNK6QSound5loopsEv [qt-mt]

[qt-mt]	
_ZNK6QSound8fileNameEv [qt-mt]	_ZNK6QSound9classNameEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Multimedia specified in Table 18-206, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-206 libqt-mt - Qt3 Multimedia Data Interfaces

_ZN6QSound7metaObjE [qt-mt]	_ZTI12QImageFormat [CXXABI]
_ZTI14QImageConsumer [CXXABI]	_ZTI16QImageFormatType [CXXABI]
_ZTI6QSound [CXXABI]	_ZTV12QImageFormat [CXXABI]
_ZTV14QImageConsumer [CXXABI]	_ZTV16QImageFormatType [CXXABI]
_ZTV6QSound [CXXABI]	

18.2.13 Qt3 Network

18.2.13.1 Class data for QMimeSourceFactory

The virtual table for the QMimeSourceFactory class is described by Table 18-207

Table 18-207 Primary vtable for QMimeSourceFactory

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMimeSourceFactory
vfunc[0]:	QMimeSourceFactory::~QMimeSourceFactory()
vfunc[1]:	QMimeSourceFactory::~QMimeSourceFactory()
vfunc[2]:	QMimeSourceFactory::data(QString const&) const
vfunc[3]:	QMimeSourceFactory::makeAbsolute(QString const&, QString const&) const
vfunc[4]:	QMimeSourceFactory::setText(QString const&, QString const&)
vfunc[5]:	QMimeSourceFactory::setImage(QString const&, QImage const&)
vfunc[6]:	QMimeSourceFactory::setPixmap(QString const&, QPixmap const&)
vfunc[7]:	QMimeSourceFactory::setData(QString const&, QMimeSource*)
vfunc[8]:	QMimeSourceFactory::setFilePath(QStringList const&)
vfunc[9]:	QMimeSourceFactory::filePath()

 © 2008 Linux Foundation

	const
vfunc[10]:	QMimeSourceFactory::setExtensionType(QString const&, char const*)

The Run Time Type Information for the QMimeSourceFactory class is described by Table 18-208

Table 18-208 typeinfo for QMimeSourceFactory

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QMimeSourceFactory

18.2.13.2 Class data for QUrlOperator

The virtual table for the QUrlOperator class is described by Table 18-209

Table 18-209 Primary vtable for QUrlOperator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QUrlOperator
vfunc[0]:	NULL or QUrlOperator::metaObject() const
vfunc[1]:	QUrlOperator::className() const
vfunc[2]:	QUrlOperator::qt_cast(char const*)
vfunc[3]:	QUrlOperator::qt_invoke(int, QUObject*)
vfunc[4]:	QUrlOperator::qt_emit(int, QUObject*)
vfunc[5]:	QUrlOperator::qt_property(int, int, QVariant*)
vfunc[6]:	QUrlOperator::~QUrlOperator()
vfunc[7]:	QUrlOperator::~QUrlOperator()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)

vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QUrlOperator::setPath(QString const&)
vfunc[22]:	QUrlOperator::cdUp()
vfunc[23]:	QUrlOperator::listChildren()
vfunc[24]:	QUrlOperator::mkdir(QString const&)
vfunc[25]:	QUrlOperator::remove(QString const&)
vfunc[26]:	QUrlOperator::rename(QString const&, QString const&)
vfunc[27]:	QUrlOperator::get(QString const&)
vfunc[28]:	QUrlOperator::put(QMemArray<char> const&, QString const&)
vfunc[29]:	QUrlOperator::copy(QString const&, QString const&, bool, bool)
vfunc[30]:	QUrlOperator::copy(QStringList const&, QString const&, bool)
vfunc[31]:	QUrlOperator::isDir(bool*)
vfunc[32]:	QUrlOperator::setNameFilter(QString const&)
vfunc[33]:	QUrlOperator::info(QString const&) const
vfunc[34]:	QUrlOperator::stop()
vfunc[35]:	QUrlOperator::reset()
vfunc[36]:	QUrlOperator::parse(QString const&)
vfunc[37]:	QUrlOperator::checkValid()
vfunc[38]:	QUrlOperator::clearEntries()

The Run Time Type Information for the QUrlOperator class is described by Table 18-210

Table 18-210 typeinfo for QUrlOperator

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QUrlOperator	
flags:	0	
basetype:	typeinfo for QObject	2

 © 2008 Linux Foundation

basetype:	typeinfo for QUrl	10242

18.2.13.3 Class data for QSocket

The virtual table for the QSocket class is described by Table 18-211

Table 18-211 Primary vtable for QSocket

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSocket
vfunc[0]:	NULL or QSocket::metaObject() const
vfunc[1]:	QSocket::className() const
vfunc[2]:	QSocket::qt_cast(char const*)
vfunc[3]:	QSocket::qt_invoke(int, QUObject*)
vfunc[4]:	QSocket::qt_emit(int, QUObject*)
vfunc[5]:	QSocket::qt_property(int, int, QVariant*)
vfunc[6]:	QSocket::~QSocket()
vfunc[7]:	QSocket::~QSocket()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QSocket::setSocket(int)
vfunc[22]:	QSocket::setSocketDevice(QSocketDevice*)
vfunc[23]:	QSocket::connectToHost(QString const&, unsigned short)
vfunc[24]:	QSocket::open(int)

vfunc[25]:	QSocket::close()
vfunc[26]:	QSocket::flush()
vfunc[27]:	QSocket::size() const
vfunc[28]:	QSocket::at() const
vfunc[29]:	QSocket::at(unsigned long)
vfunc[30]:	QSocket::atEnd() const
vfunc[31]:	QSocket::readBlock(char*, unsigned long)
vfunc[32]:	QSocket::writeBlock(char const*, unsigned long)
vfunc[33]:	QSocket::readLine(char*, unsigned long)
vfunc[34]:	QSocket::getch()
vfunc[35]:	QSocket::putch(int)
vfunc[36]:	QSocket::ungetch(int)
vfunc[37]:	QSocket::readLine()
vfunc[38]:	QSocket::sn_read(bool)
vfunc[39]:	QSocket::sn_write()

The Run Time Type Information for the QSocket class is described by Table 18-212

Table 18-212 typeinfo for QSocket

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QSocket	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QIODevice	10242

18.2.13.4 Class data for QSocketNotifier

The virtual table for the QSocketNotifier class is described by Table 18-213

Table 18-213 Primary vtable for QSocketNotifier

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSocketNotifier
vfunc[0]:	NULL or QSocketNotifier::metaObject() const
vfunc[1]:	QSocketNotifier::className() const
vfunc[2]:	QSocketNotifier::qt_cast(char const*)
vfunc[3]:	QSocketNotifier::qt_invoke(int,

 © 2008 Linux Foundation

	QUObject*)
vfunc[4]:	QSocketNotifier::qt_emit(int, QUObject*)
vfunc[5]:	QSocketNotifier::qt_property(int, int, QVariant*)
vfunc[6]:	QSocketNotifier::~QSocketNotifier()
vfunc[7]:	QSocketNotifier::~QSocketNotifier()
vfunc[8]:	QSocketNotifier::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QSocketNotifier::setEnabled(bool)

The Run Time Type Information for the QSocketNotifier class is described by Table 18-214

Table 18-214 typeinfo for QSocketNotifier

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSocketNotifier
basetype:	typeinfo for QObject

18.2.13.5 Class data for QNetworkProtocol

The virtual table for the QNetworkProtocol class is described by Table 18-215

Table 18-215 Primary vtable for QNetworkProtocol

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QNetworkProtocol
vfunc[0]:	NULL or QNetworkProtocol::metaObject()

	const
vfunc[1]:	QNetworkProtocol::className() const
vfunc[2]:	QNetworkProtocol::qt_cast(char const*)
vfunc[3]:	QNetworkProtocol::qt_invoke(int, QUObject*)
vfunc[4]:	QNetworkProtocol::qt_emit(int, QUObject*)
vfunc[5]:	QNetworkProtocol::qt_property(int, int, QVariant*)
vfunc[6]:	QNetworkProtocol::~QNetworkProtocol()
vfunc[7]:	QNetworkProtocol::~QNetworkProtocol()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QNetworkProtocol::setUrl(QUrlOperator*)
vfunc[22]:	QNetworkProtocol::setAutoDelete(bool, int)
vfunc[23]:	QNetworkProtocol::supportedOperations() const
vfunc[24]:	QNetworkProtocol::addOperation(QNetworkOperation*)
vfunc[25]:	QNetworkProtocol::clearOperationQueue()
vfunc[26]:	QNetworkProtocol::stop()

 © 2008 Linux Foundation

vfunc[27]:	QNetworkProtocol::processOperation(QNetworkOperation*)
vfunc[28]:	QNetworkProtocol::operationListChildren(QNetworkOperation*)
vfunc[29]:	QNetworkProtocol::operationMkDir(QNetworkOperation*)
vfunc[30]:	QNetworkProtocol::operationRemove(QNetworkOperation*)
vfunc[31]:	QNetworkProtocol::operationRename(QNetworkOperation*)
vfunc[32]:	QNetworkProtocol::operationGet(QNetworkOperation*)
vfunc[33]:	QNetworkProtocol::operationPut(QNetworkOperation*)
vfunc[34]:	QNetworkProtocol::operationPutChunk(QNetworkOperation*)
vfunc[35]:	QNetworkProtocol::checkConnection(QNetworkOperation*)

The Run Time Type Information for the QNetworkProtocol class is described by Table 18-216

Table 18-216 typeinfo for QNetworkProtocol

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QNetworkProtocol
basetype:	typeinfo for QObject

18.2.13.6 Class data for QUrl

The virtual table for the QUrl class is described by Table 18-217

Table 18-217 Primary vtable for QUrl

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QUrl
vfunc[0]:	QUrl::~QUrl()
vfunc[1]:	QUrl::~QUrl()
vfunc[2]:	QUrl::setProtocol(QString const&)
vfunc[3]:	QUrl::setUser(QString const&)
vfunc[4]:	QUrl::setPassword(QString const&)
vfunc[5]:	QUrl::setHost(QString const&)
vfunc[6]:	QUrl::setPort(int)
vfunc[7]:	QUrl::setPath(QString const&)
vfunc[8]:	QUrl::setEncodedPathAndQuery(QS

	tring const&)
vfunc[9]:	QUrl::setQuery(QString const&)
vfunc[10]:	QUrl::setRef(QString const&)
vfunc[11]:	QUrl::addPath(QString const&)
vfunc[12]:	QUrl::setFileName(QString const&)
vfunc[13]:	QUrl::toString(bool, bool) const
vfunc[14]:	QUrl::cdUp()
vfunc[15]:	QUrl::reset()
vfunc[16]:	QUrl::parse(QString const&)

The Run Time Type Information for the QUrl class is described by Table 18-218

Table 18-218 typeinfo for QUrl

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QUrl

18.2.13.7 Class data for QSocketDevice

The virtual table for the QSocketDevice class is described by Table 18-219

Table 18-219 Primary vtable for QSocketDevice

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSocketDevice
vfunc[0]:	QSocketDevice::~QSocketDevice()
vfunc[1]:	QSocketDevice::~QSocketDevice()
vfunc[2]:	QSocketDevice::open(int)
vfunc[3]:	QSocketDevice::close()
vfunc[4]:	QSocketDevice::flush()
vfunc[5]:	QSocketDevice::size() const
vfunc[6]:	QSocketDevice::at() const
vfunc[7]:	QSocketDevice::at(unsigned long)
vfunc[8]:	QSocketDevice::atEnd() const
vfunc[9]:	QSocketDevice::readBlock(char*, unsigned long)
vfunc[10]:	QSocketDevice::writeBlock(char const*, unsigned long)
vfunc[11]:	QIODevice::readLine(char*, unsigned long)
vfunc[12]:	QIODevice::readAll()
vfunc[13]:	QSocketDevice::getch()
vfunc[14]:	QSocketDevice::putch(int)
vfunc[15]:	QSocketDevice::ungetch(int)

 © 2008 Linux Foundation

vfunc[16]:	QSocketDevice::setSocket(int, QSocketDevice::Type)
vfunc[17]:	QSocketDevice::setBlocking(bool)
vfunc[18]:	QSocketDevice::setAddressReusable(bool)
vfunc[19]:	QSocketDevice::setReceiveBufferSize(unsigned int)
vfunc[20]:	QSocketDevice::setSendBufferSize(unsigned int)
vfunc[21]:	QSocketDevice::connect(QHostAddress const&, unsigned short)
vfunc[22]:	QSocketDevice::bind(QHostAddress const&, unsigned short)
vfunc[23]:	QSocketDevice::listen(int)
vfunc[24]:	QSocketDevice::accept()
vfunc[25]:	QSocketDevice::writeBlock(char const*, unsigned long, QHostAddress const&, unsigned short)
vfunc[26]:	QSocketDevice::setOption(QSocketDevice::Option, int)

The Run Time Type Information for the QSocketDevice class is described by Table 18-220

Table 18-220 typeinfo for QSocketDevice

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSocketDevice
basetype:	typeinfo for QIODevice

18.2.13.8 Class data for QHttpResponseHeader

The virtual table for the QHttpResponseHeader class is described by Table 18-221

Table 18-221 Primary vtable for QHttpResponseHeader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHttpResponseHeader
vfunc[0]:	NULL or QHttpResponseHeader::~QHttpResponseHeader()
vfunc[1]:	NULL or QHttpResponseHeader::~QHttpResponseHeader()
vfunc[2]:	QHttpResponseHeader::toString() const

vfunc[3]:	QHttpResponseHeader::majorVersion() const
vfunc[4]:	QHttpResponseHeader::minorVersion() const
vfunc[5]:	QHttpResponseHeader::parseLine(QString const&, int)

The Run Time Type Information for the QHttpResponseHeader class is described by Table 18-222

Table 18-222 typeinfo for QHttpResponseHeader

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHttpResponseHeader
basetype:	typeinfo for QHttpHeader

18.2.13.9 Class data for QServerSocket

The virtual table for the QServerSocket class is described by Table 18-223

Table 18-223 Primary vtable for QServerSocket

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QServerSocket
vfunc[0]:	NULL or QServerSocket::metaObject() const
vfunc[1]:	QServerSocket::className() const
vfunc[2]:	QServerSocket::qt_cast(char const*)
vfunc[3]:	QServerSocket::qt_invoke(int, QUObject*)
vfunc[4]:	QServerSocket::qt_emit(int, QUObject*)
vfunc[5]:	QServerSocket::qt_property(int, int, QVariant*)
vfunc[6]:	QServerSocket::~QServerSocket()
vfunc[7]:	QServerSocket::~QServerSocket()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const

 © 2008 Linux Foundation

vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QServerSocket::setSocket(int)
vfunc[22]:	__cxa_pure_virtual

The Run Time Type Information for the QServerSocket class is described by Table 18-224

Table 18-224 typeinfo for QServerSocket

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QServerSocket
basetype:	typeinfo for QObject

18.2.13.10 Class data for QUrlInfo

The virtual table for the QUrlInfo class is described by Table 18-225

Table 18-225 Primary vtable for QUrlInfo

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QUrlInfo
vfunc[0]:	QUrlInfo::~QUrlInfo()
vfunc[1]:	QUrlInfo::~QUrlInfo()
vfunc[2]:	QUrlInfo::setName(QString const&)
vfunc[3]:	QUrlInfo::setDir(bool)
vfunc[4]:	QUrlInfo::setFile(bool)
vfunc[5]:	QUrlInfo::setSymLink(bool)
vfunc[6]:	QUrlInfo::setOwner(QString const&)
vfunc[7]:	QUrlInfo::setGroup(QString const&)
vfunc[8]:	QUrlInfo::setSize(unsigned int)
vfunc[9]:	QUrlInfo::setWritable(bool)
vfunc[10]:	QUrlInfo::setReadable(bool)
vfunc[11]:	QUrlInfo::setPermissions(int)
vfunc[12]:	QUrlInfo::setLastModified(QDateTime const&)

The Run Time Type Information for the QUrlInfo class is described by Table 18-226

Table 18-226 typeinfo for QUrlInfo

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QUrlInfo

18.2.13.11 Class data for QNetworkOperation

The virtual table for the QNetworkOperation class is described by Table 18-227

Table 18-227 Primary vtable for QNetworkOperation

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QNetworkOperation
vfunc[0]:	NULL or QNetworkOperation::metaObject() const
vfunc[1]:	QNetworkOperation::className() const
vfunc[2]:	QNetworkOperation::qt_cast(char const*)
vfunc[3]:	QNetworkOperation::qt_invoke(int, QUObject*)
vfunc[4]:	QNetworkOperation::qt_emit(int, QUObject*)
vfunc[5]:	QNetworkOperation::qt_property(int, int, QVariant*)
vfunc[6]:	QNetworkOperation::~QNetworkOperation()
vfunc[7]:	QNetworkOperation::~QNetworkOperation()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)

 © 2008 Linux Foundation

vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QNetworkOperation class is described by Table 18-228

Table 18-228 typeinfo for QNetworkOperation

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QNetworkOperation
basetype:	typeinfo for QObject

18.2.13.12 Class data for QHttp

The virtual table for the QHttp class is described by Table 18-229

Table 18-229 Primary vtable for QHttp

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHttp
vfunc[0]:	NULL or QHttp::metaObject() const
vfunc[1]:	QHttp::className() const
vfunc[2]:	QHttp::qt_cast(char const*)
vfunc[3]:	QHttp::qt_invoke(int, QUObject*)
vfunc[4]:	QHttp::qt_emit(int, QUObject*)
vfunc[5]:	QHttp::qt_property(int, int, QVariant*)
vfunc[6]:	QHttp::~QHttp()
vfunc[7]:	QHttp::~QHttp()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QHttp::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char

	const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QNetworkProtocol::setUrl(QUrlOperator*)
vfunc[22]:	QNetworkProtocol::setAutoDelete(bool, int)
vfunc[23]:	QHttp::supportedOperations() const
vfunc[24]:	QNetworkProtocol::addOperation(QNetworkOperation*)
vfunc[25]:	QNetworkProtocol::clearOperationQueue()
vfunc[26]:	QNetworkProtocol::stop()
vfunc[27]:	QNetworkProtocol::processOperation(QNetworkOperation*)
vfunc[28]:	QNetworkProtocol::operationListChildren(QNetworkOperation*)
vfunc[29]:	QNetworkProtocol::operationMkDir(QNetworkOperation*)
vfunc[30]:	QNetworkProtocol::operationRemove(QNetworkOperation*)
vfunc[31]:	QNetworkProtocol::operationRename(QNetworkOperation*)
vfunc[32]:	QHttp::operationGet(QNetworkOperation*)
vfunc[33]:	QHttp::operationPut(QNetworkOperation*)
vfunc[34]:	QNetworkProtocol::operationPutChunk(QNetworkOperation*)
vfunc[35]:	QNetworkProtocol::checkConnection(QNetworkOperation*)

The Run Time Type Information for the QHttp class is described by Table 18-230

Table 18-230 typeinfo for QHttp

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHttp
basetype:	typeinfo for QNetworkProtocol

18.2.13.13 Class data for QMimeSource

The virtual table for the QMimeSource class is described by Table 18-231

Table 18-231 Primary vtable for QMimeSource

Base Offset	0

 © 2008 Linux Foundation

Virtual Base Offset	0
RTTI	typeinfo for QMimeSource
vfunc[0]:	QMimeSource::~QMimeSource()
vfunc[1]:	QMimeSource::~QMimeSource()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	QMimeSource::provides(char const*) const
vfunc[4]:	__cxa_pure_virtual

The Run Time Type Information for the QMimeSource class is described by Table 18-232

Table 18-232 typeinfo for QMimeSource

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QMimeSource

18.2.13.14 Class data for QDns

The virtual table for the QDns class is described by Table 18-233

Table 18-233 Primary vtable for QDns

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDns
vfunc[0]:	NULL or QDns::metaObject() const
vfunc[1]:	QDns::className() const
vfunc[2]:	QDns::qt_cast(char const*)
vfunc[3]:	QDns::qt_invoke(int, QUObject*)
vfunc[4]:	QDns::qt_emit(int, QUObject*)
vfunc[5]:	QDns::qt_property(int, int, QVariant*)
vfunc[6]:	QDns::~QDns()
vfunc[7]:	QDns::~QDns()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)

vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QDns::setLabel(QString const&)
vfunc[22]:	QDns::setLabel(QHostAddress const&)
vfunc[23]:	QDns::setRecordType(QDns::RecordType)

The Run Time Type Information for the QDns class is described by Table 18-234

Table 18-234 typeinfo for QDns

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDns
basetype:	typeinfo for QObject

18.2.13.15 Class data for QHttpRequestHeader

The virtual table for the QHttpRequestHeader class is described by Table 18-235

Table 18-235 Primary vtable for QHttpRequestHeader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHttpRequestHeader
vfunc[0]:	NULL or QHttpRequestHeader::~QHttpRequestHeader()
vfunc[1]:	NULL or QHttpRequestHeader::~QHttpRequestHeader()
vfunc[2]:	QHttpRequestHeader::toString() const
vfunc[3]:	QHttpRequestHeader::majorVersion() const
vfunc[4]:	QHttpRequestHeader::minorVersion() const
vfunc[5]:	QHttpRequestHeader::parseLine(QString const&, int)

The Run Time Type Information for the QHttpRequestHeader class is described by Table 18-236

 © 2008 Linux Foundation

Table 18-236 typeinfo for QHttpRequestHeader

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHttpRequestHeader
basetype:	typeinfo for QHttpHeader

18.2.13.16 Class data for QHttpHeader

The virtual table for the QHttpHeader class is described by Table 18-237

Table 18-237 Primary vtable for QHttpHeader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHttpHeader
vfunc[0]:	QHttpHeader::~QHttpHeader()
vfunc[1]:	QHttpHeader::~QHttpHeader()
vfunc[2]:	QHttpHeader::toString() const
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	QHttpHeader::parseLine(QString const&, int)

The Run Time Type Information for the QHttpHeader class is described by Table 18-238

Table 18-238 typeinfo for QHttpHeader

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QHttpHeader

18.2.13.17 Class data for QLocalFs

The virtual table for the QLocalFs class is described by Table 18-239

Table 18-239 Primary vtable for QLocalFs

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLocalFs
vfunc[0]:	NULL or QLocalFs::metaObject() const
vfunc[1]:	QLocalFs::className() const
vfunc[2]:	QLocalFs::qt_cast(char const*)
vfunc[3]:	QLocalFs::qt_invoke(int, QUObject*)
vfunc[4]:	QLocalFs::qt_emit(int, QUObject*)
vfunc[5]:	QLocalFs::qt_property(int, int, QVariant*)

vfunc[6]:	NULL or QLocalFs::~QLocalFs()
vfunc[7]:	NULL or QLocalFs::~QLocalFs()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QNetworkProtocol::setUrl(QUrlOperator*)
vfunc[22]:	QNetworkProtocol::setAutoDelete(bool, int)
vfunc[23]:	QLocalFs::supportedOperations() const
vfunc[24]:	QNetworkProtocol::addOperation(QNetworkOperation*)
vfunc[25]:	QNetworkProtocol::clearOperationQueue()
vfunc[26]:	QNetworkProtocol::stop()
vfunc[27]:	QNetworkProtocol::processOperation(QNetworkOperation*)
vfunc[28]:	QLocalFs::operationListChildren(QNetworkOperation*)
vfunc[29]:	QLocalFs::operationMkDir(QNetworkOperation*)
vfunc[30]:	QLocalFs::operationRemove(QNetworkOperation*)
vfunc[31]:	QLocalFs::operationRename(QNetworkOperation*)
vfunc[32]:	QLocalFs::operationGet(QNetworkOperation*)
vfunc[33]:	QLocalFs::operationPut(QNetworkO

 © 2008 Linux Foundation

	peration*)
vfunc[34]:	QNetworkProtocol::operationPutChunk(QNetworkOperation*)
vfunc[35]:	QNetworkProtocol::checkConnection(QNetworkOperation*)

The Run Time Type Information for the QLocalFs class is described by Table 18-240

Table 18-240 typeinfo for QLocalFs

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QLocalFs
basetype:	typeinfo for QNetworkProtocol

18.2.13.18 Class data for QConnectionList

The virtual table for the QConnectionList class is described by Table 18-241

Table 18-241 Primary vtable for QConnectionList

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QConnectionList
vfunc[0]:	NULL or QPtrList<QConnection>::count() const
vfunc[1]:	NULL or QPtrList<QConnection>::clear()
vfunc[2]:	NULL or QConnectionList::~QConnectionList()
vfunc[3]:	NULL or QConnectionList::~QConnectionList()
vfunc[4]:	QPtrCollection::newItem(void*)
vfunc[5]:	NULL or QPtrList<QConnection>::deleteItem(void*)
vfunc[6]:	QGList::compareItems(void*, void*)
vfunc[7]:	QGList::read(QDataStream&, void*&)
vfunc[8]:	QGList::write(QDataStream&, void*) const

The Run Time Type Information for the QConnectionList class is described by Table 18-242

Table 18-242 typeinfo for QConnectionList

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QConnectionList
basetype:	typeinfo for QPtrList<QConnection>

18.2.13.19 Class data for QHostAddress

The virtual table for the QHostAddress class is described by Table 18-243

Table 18-243 Primary vtable for QHostAddress

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHostAddress
vfunc[0]:	QHostAddress::~QHostAddress()
vfunc[1]:	QHostAddress::~QHostAddress()

The Run Time Type Information for the QHostAddress class is described by Table 18-244

Table 18-244 typeinfo for QHostAddress

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QHostAddress

18.2.13.20 Class data for QFtp

The virtual table for the QFtp class is described by Table 18-245

Table 18-245 Primary vtable for QFtp

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFtp
vfunc[0]:	NULL or QFtp::metaObject() const
vfunc[1]:	QFtp::className() const
vfunc[2]:	QFtp::qt_cast(char const*)
vfunc[3]:	QFtp::qt_invoke(int, QUObject*)
vfunc[4]:	QFtp::qt_emit(int, QUObject*)
vfunc[5]:	QFtp::qt_property(int, int, QVariant*)
vfunc[6]:	QFtp::~QFtp()
vfunc[7]:	QFtp::~QFtp()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)

 © 2008 Linux Foundation

vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QNetworkProtocol::setUrl(QUrlOperator*)
vfunc[22]:	QNetworkProtocol::setAutoDelete(bool, int)
vfunc[23]:	QFtp::supportedOperations() const
vfunc[24]:	QNetworkProtocol::addOperation(QNetworkOperation*)
vfunc[25]:	QNetworkProtocol::clearOperationQueue()
vfunc[26]:	QNetworkProtocol::stop()
vfunc[27]:	QNetworkProtocol::processOperation(QNetworkOperation*)
vfunc[28]:	QFtp::operationListChildren(QNetworkOperation*)
vfunc[29]:	QFtp::operationMkDir(QNetworkOperation*)
vfunc[30]:	QFtp::operationRemove(QNetworkOperation*)
vfunc[31]:	QFtp::operationRename(QNetworkOperation*)
vfunc[32]:	QFtp::operationGet(QNetworkOperation*)
vfunc[33]:	QFtp::operationPut(QNetworkOperation*)
vfunc[34]:	QNetworkProtocol::operationPutChunk(QNetworkOperation*)
vfunc[35]:	QFtp::checkConnection(QNetworkOperation*)

The Run Time Type Information for the QFtp class is described by Table 18-246

Table 18-246 typeinfo for QFtp

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFtp
basetype:	typeinfo for QNetworkProtocol

18.2.13.21 Interfaces for Qt3 Network

An LSB conforming implementation shall provide the generic functions for Qt3 Network specified in Table 18-247, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-247 libqt-mt - Qt3 Network Function Interfaces

_ZN11QConnectionC1EPK7QObjectiPKci [qt-mt]	_ZN11QConnectionC2EPK7QObjectiPKci [qt-mt]
_ZN11QHttpHeader11removeValueERK7QString [qt-mt]	_ZN11QHttpHeader14setContentTypeERK7QString [qt-mt]
_ZN11QHttpHeader16setContentLengthEi [qt-mt]	_ZN11QHttpHeader5parseERK7QString [qt-mt]
_ZN11QHttpHeader8setValidEb [qt-mt]	_ZN11QHttpHeader8setValueERK7QStringS2_ [qt-mt]
_ZN11QHttpHeader9parseLineERK7QStringi [qt-mt]	_ZN11QHttpHeaderC1ERK7QString [qt-mt]
ZN11QHttpHeaderC1ERKS [qt-mt]	_ZN11QHttpHeaderC1Ev [qt-mt]
_ZN11QHttpHeaderC2ERK7QString [qt-mt]	_ZN11QHttpHeaderC2ERKS_ [qt-mt]
_ZN11QHttpHeaderC2Ev [qt-mt]	_ZN11QHttpHeaderD0Ev [qt-mt]
_ZN11QHttpHeaderD1Ev [qt-mt]	_ZN11QHttpHeaderD2Ev [qt-mt]
ZN11QHttpHeaderaSERKS [qt-mt]	_ZN11QMimeSource10clearCacheEv [qt-mt]
_ZN11QMimeSourceC1Ev [qt-mt]	_ZN11QMimeSourceC2Ev [qt-mt]
_ZN11QMimeSourceD0Ev [qt-mt]	_ZN11QMimeSourceD1Ev [qt-mt]
_ZN11QMimeSourceD2Ev [qt-mt]	_ZN12QHostAddress10setAddressEPh [qt-mt]
_ZN12QHostAddress10setAddressERK7QString [qt-mt]	_ZN12QHostAddress10setAddressEj [qt-mt]
_ZN12QHostAddressC1EPh [qt-mt]	_ZN12QHostAddressC1ERK10Q_IPV6ADDR [qt-mt]
_ZN12QHostAddressC1ERK7QString [qt-mt]	_ZN12QHostAddressC1ERKS_ [qt-mt]
_ZN12QHostAddressC1Ej [qt-mt]	_ZN12QHostAddressC1Ev [qt-mt]
_ZN12QHostAddressC2EPh [qt-mt]	_ZN12QHostAddressC2ERK10Q_IPV6ADDR [qt-mt]
_ZN12QHostAddressC2ERK7QString [qt-mt]	_ZN12QHostAddressC2ERKS_ [qt-mt]

 © 2008 Linux Foundation

_ZN12QHostAddressC2Ej [qt-mt]	_ZN12QHostAddressC2Ev [qt-mt]
_ZN12QHostAddressD0Ev [qt-mt]	_ZN12QHostAddressD1Ev [qt-mt]
_ZN12QHostAddressD2Ev [qt-mt]	_ZN12QHostAddressaSERKS_ [qt-mt]
_ZN12QUrlOperator10checkValidEv [qt-mt]	_ZN12QUrlOperator11copyGotDataERK9QMemArrayIcEP17QNetworkOperation [qt-mt]
_ZN12QUrlOperator11itemChangedEP17QNetworkOperation [qt-mt]	_ZN12QUrlOperator11newChildrenERK10QValueListI8QUrlInfoEP17QNetworkOperation [qt-mt]
_ZN12QUrlOperator11qt_propertyEiiP8QVariant [qt-mt]	_ZN12QUrlOperator12clearEntriesEv [qt-mt]
_ZN12QUrlOperator12continueCopyEP17QNetworkOperation [qt-mt]	_ZN12QUrlOperator12finishedCopyEv [qt-mt]
_ZN12QUrlOperator12listChildrenEv [qt-mt]	_ZN12QUrlOperator13setNameFilterERK7QString [qt-mt]
_ZN12QUrlOperator14startOperationEP17QNetworkOperation [qt-mt]	_ZN12QUrlOperator15deleteOperationEP17QNetworkOperation [qt-mt]
_ZN12QUrlOperator15slotItemChangedEP17QNetworkOperation [qt-mt]	_ZN12QUrlOperator15startedNextCopyERK8QPtrListI17QNetworkOperationE [qt-mt]
_ZN12QUrlOperator16createdDirectoryERK8QUrlInfoP17QNetworkOperation [qt-mt]	_ZN12QUrlOperator16staticMetaObjectEv [qt-mt]
_ZN12QUrlOperator18getNetworkProtocolEv [qt-mt]	_ZN12QUrlOperator18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN12QUrlOperator20dataTransferProgressEiiP17QNetworkOperation [qt-mt]	_ZN12QUrlOperator21deleteNetworkProtocolEv [qt-mt]
_ZN12QUrlOperator22connectionStateChangedEiRK7QString [qt-mt]	_ZN12QUrlOperator2trEPKcS1_ [qt-mt]
_ZN12QUrlOperator3getERK7QString [qt-mt]	_ZN12QUrlOperator3putERK9QMemArrayIcERK7QString [qt-mt]
_ZN12QUrlOperator4cdUpEv [qt-mt]	_ZN12QUrlOperator4copyERK11QStringListRK7QStringb [qt-mt]
_ZN12QUrlOperator4copyERK7QStringS2_bb [qt-mt]	_ZN12QUrlOperator4dataERK9QMemArrayIcEP17QNetworkOperation [qt-mt]
_ZN12QUrlOperator4stopEv [qt-mt]	_ZN12QUrlOperator5isDirEPb [qt-mt]
_ZN12QUrlOperator5mkdirERK7QString [qt-mt]	_ZN12QUrlOperator5parseERK7QString [qt-mt]
_ZN12QUrlOperator5resetEv [qt-mt]	_ZN12QUrlOperator5startEP17QNetworkOperation [qt-mt]
_ZN12QUrlOperator6removeERK7Q	_ZN12QUrlOperator6renameERK7Q

String [qt-mt]	StringS2_ [qt-mt]
ZN12QUrlOperator6trUtf8EPKcS1 [qt-mt]	_ZN12QUrlOperator7qt_castEPKc [qt-mt]
_ZN12QUrlOperator7qt_emitEiP8QUObject [qt-mt]	_ZN12QUrlOperator7removedEP17QNetworkOperation [qt-mt]
_ZN12QUrlOperator7setPathERK7QString [qt-mt]	_ZN12QUrlOperator8addEntryERK10QValueListI8QUrlInfoE [qt-mt]
_ZN12QUrlOperator8finishedEP17QNetworkOperation [qt-mt]	_ZN12QUrlOperator9qt_invokeEiP8QUObject [qt-mt]
_ZN12QUrlOperatorC1ERK7QString [qt-mt]	_ZN12QUrlOperatorC1ERKS_ [qt-mt]
_ZN12QUrlOperatorC1ERKS_RK7QStringb [qt-mt]	_ZN12QUrlOperatorC1Ev [qt-mt]
_ZN12QUrlOperatorC2ERK7QString [qt-mt]	_ZN12QUrlOperatorC2ERKS_ [qt-mt]
_ZN12QUrlOperatorC2ERKS_RK7QStringb [qt-mt]	_ZN12QUrlOperatorC2Ev [qt-mt]
_ZN12QUrlOperatorD0Ev [qt-mt]	_ZN12QUrlOperatorD1Ev [qt-mt]
_ZN12QUrlOperatorD2Ev [qt-mt]	_ZN12QUrlOperatoraSERK7QString [qt-mt]
ZN12QUrlOperatoraSERKS [qt-mt]	_ZN13QServerSocket11qt_propertyEiiP8QVariant [qt-mt]
_ZN13QServerSocket12socketDeviceEv [qt-mt]	_ZN13QServerSocket16staticMetaObjectEv [qt-mt]
_ZN13QServerSocket18incomingConnectionEi [qt-mt]	_ZN13QServerSocket18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN13QServerSocket2trEPKcS1 [qt-mt]	_ZN13QServerSocket4initERK12QHostAddressti [qt-mt]
ZN13QServerSocket6trUtf8EPKcS1 [qt-mt]	_ZN13QServerSocket7qt_castEPKc [qt-mt]
_ZN13QServerSocket7qt_emitEiP8QUObject [qt-mt]	_ZN13QServerSocket9qt_invokeEiP8QUObject [qt-mt]
_ZN13QServerSocket9setSocketEi [qt-mt]	_ZN13QServerSocketC1EP7QObjectPKc [qt-mt]
_ZN13QServerSocketC1ERK12QHostAddresstiP7QObjectPKc [qt-mt]	_ZN13QServerSocketC1EtiP7QObjectPKc [qt-mt]
_ZN13QServerSocketC2EP7QObjectPKc [qt-mt]	_ZN13QServerSocketC2ERK12QHostAddresstiP7QObjectPKc [qt-mt]
_ZN13QServerSocketC2EtiP7QObjectPKc [qt-mt]	_ZN13QServerSocketD0Ev [qt-mt]
_ZN13QServerSocketD1Ev [qt-mt]	_ZN13QServerSocketD2Ev [qt-mt]
_ZN13QSocketDevice10writeBlockEPKcm [qt-mt]	_ZN13QSocketDevice10writeBlockEPKcmRK12QHostAddresst [qt-mt]
_ZN13QSocketDevice11setBlockingE	_ZN13QSocketDevice15createNewS

 © 2008 Linux Foundation

b [qt-mt]	ocketEv [qt-mt]
_ZN13QSocketDevice17setSendBufferSizeEj [qt-mt]	_ZN13QSocketDevice18setAddressReusableEb [qt-mt]
_ZN13QSocketDevice20setReceiveBufferSizeEj [qt-mt]	_ZN13QSocketDevice25fetchConnectionParametersEv [qt-mt]
_ZN13QSocketDevice2atEm [qt-mt]	_ZN13QSocketDevice4bindERK12QHostAddresst [qt-mt]
_ZN13QSocketDevice4initEv [qt-mt]	_ZN13QSocketDevice4openEi [qt-mt]
_ZN13QSocketDevice5closeEv [qt-mt]	_ZN13QSocketDevice5flushEv [qt-mt]
_ZN13QSocketDevice5getchEv [qt-mt]	_ZN13QSocketDevice5putchEi [qt-mt]
_ZN13QSocketDevice6acceptEv [qt-mt]	_ZN13QSocketDevice6listenEi [qt-mt]
_ZN13QSocketDevice7connectERK12QHostAddresst [qt-mt]	_ZN13QSocketDevice7ungetchEi [qt-mt]
_ZN13QSocketDevice8setErrorENS_5ErrorE [qt-mt]	_ZN13QSocketDevice9readBlockEPcm [qt-mt]
_ZN13QSocketDevice9setOptionENS_6OptionEi [qt-mt]	_ZN13QSocketDevice9setSocketEiNS_4TypeE [qt-mt]
_ZN13QSocketDeviceC1ENS_4TypeE [qt-mt]	_ZN13QSocketDeviceC1ENS_4TypeENS_8ProtocolEi [qt-mt]
_ZN13QSocketDeviceC1EiNS_4TypeE [qt-mt]	_ZN13QSocketDeviceC2ENS_4TypeE [qt-mt]
_ZN13QSocketDeviceC2ENS_4TypeENS_8ProtocolEi [qt-mt]	_ZN13QSocketDeviceC2EiNS_4TypeE [qt-mt]
_ZN13QSocketDeviceD0Ev [qt-mt]	_ZN13QSocketDeviceD1Ev [qt-mt]
_ZN13QSocketDeviceD2Ev [qt-mt]	_ZN15QSocketNotifier10setEnabledEb [qt-mt]
_ZN15QSocketNotifier11qt_propertyEiiP8QVariant [qt-mt]	_ZN15QSocketNotifier16staticMetaObjectEv [qt-mt]
_ZN15QSocketNotifier18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN15QSocketNotifier2trEPKcS1_ [qt-mt]
_ZN15QSocketNotifier5eventEP6QEvent [qt-mt]	_ZN15QSocketNotifier6trUtf8EPKcS1_ [qt-mt]
_ZN15QSocketNotifier7qt_castEPKc [qt-mt]	_ZN15QSocketNotifier7qt_emitEiP8QUObject [qt-mt]
_ZN15QSocketNotifier9activatedEi [qt-mt]	_ZN15QSocketNotifier9qt_invokeEiP8QUObject [qt-mt]
_ZN15QSocketNotifierC1EiNS_4TypeEP7QObjectPKc [qt-mt]	_ZN15QSocketNotifierC2EiNS_4TypeEP7QObjectPKc [qt-mt]
_ZN15QSocketNotifierD0Ev [qt-mt]	_ZN15QSocketNotifierD1Ev [qt-mt]
_ZN15QSocketNotifierD2Ev [qt-mt]	_ZN16QNetworkProtocol11itemCha

	ngedEP17QNetworkOperation [qt-mt]
_ZN16QNetworkProtocol11newChildrenERK10QValueListI8QUrlInfoEP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol11qt_propertyEiiP8QVariant [qt-mt]
_ZN16QNetworkProtocol12addOperationEP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol12operationGetEP17QNetworkOperation [qt-mt]
_ZN16QNetworkProtocol12operationPutEP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol13setAutoDeleteEbi [qt-mt]
_ZN16QNetworkProtocol14operationMkDirEP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol15checkConnectionEP17QNetworkOperation [qt-mt]
_ZN16QNetworkProtocol15emitNewChildrenERK8QUrlInfoP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol15operationRemoveEP17QNetworkOperation [qt-mt]
_ZN16QNetworkProtocol15operationRenameEP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol16createdDirectoryERK8QUrlInfoP17QNetworkOperation [qt-mt]
_ZN16QNetworkProtocol16processOperationEP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol16staticMetaObjectEv [qt-mt]
_ZN16QNetworkProtocol17operationPutChunkEP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol18getNetworkProtocolERK7QString [qt-mt]
_ZN16QNetworkProtocol18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN16QNetworkProtocol19clearOperationQueueEv [qt-mt]
_ZN16QNetworkProtocol20dataTransferProgressEiiP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol20processNextOperationEP17QNetworkOperation [qt-mt]
_ZN16QNetworkProtocol21operationListChildrenEP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol22connectionStateChangedEiRK7QString [qt-mt]
_ZN16QNetworkProtocol22hasOnlyLocalFileSystemEv [qt-mt]	_ZN16QNetworkProtocol23registerNetworkProtocolERK7QStringP27QNetworkProtocolFactoryBase [qt-mt]
ZN16QNetworkProtocol2trEPKcS1 [qt-mt]	_ZN16QNetworkProtocol4dataERK9QMemArrayIcEP17QNetworkOperation [qt-mt]
_ZN16QNetworkProtocol4stopEv [qt-mt]	_ZN16QNetworkProtocol5startEP17QNetworkOperation [qt-mt]
_ZN16QNetworkProtocol6setUrlEP12QUrlOperator [qt-mt]	_ZN16QNetworkProtocol6trUtf8EPKcS1_ [qt-mt]
_ZN16QNetworkProtocol7qt_castEPKc [qt-mt]	_ZN16QNetworkProtocol7qt_emitEiP8QUObject [qt-mt]

 © 2008 Linux Foundation

_ZN16QNetworkProtocol7removedEP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol8finishedEP17QNetworkOperation [qt-mt]
_ZN16QNetworkProtocol8newChildERK8QUrlInfoP17QNetworkOperation [qt-mt]	_ZN16QNetworkProtocol8removeMeEv [qt-mt]
_ZN16QNetworkProtocol8startOpsEv [qt-mt]	_ZN16QNetworkProtocol9qt_invokeEiP8QUObject [qt-mt]
_ZN16QNetworkProtocolC1Ev [qt-mt]	_ZN16QNetworkProtocolC2Ev [qt-mt]
_ZN16QNetworkProtocolD0Ev [qt-mt]	_ZN16QNetworkProtocolD1Ev [qt-mt]
_ZN16QNetworkProtocolD2Ev [qt-mt]	_ZN17QNetworkOperation11qt_propertyEiiP8QVariant [qt-mt]
_ZN17QNetworkOperation12setErrorCodeEi [qt-mt]	_ZN17QNetworkOperation16staticMetaObjectEv [qt-mt]
_ZN17QNetworkOperation17setProtocolDetailERK7QString [qt-mt]	_ZN17QNetworkOperation18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN17QNetworkOperation2trEPKcS1 [qt-mt]	_ZN17QNetworkOperation4freeEv [qt-mt]
_ZN17QNetworkOperation6setArgEiRK7QString [qt-mt]	_ZN17QNetworkOperation6trUtf8EPKcS1_ [qt-mt]
_ZN17QNetworkOperation7qt_castEPKc [qt-mt]	_ZN17QNetworkOperation7qt_emitEiP8QUObject [qt-mt]
_ZN17QNetworkOperation8deleteMeEv [qt-mt]	_ZN17QNetworkOperation8setStateEN16QNetworkProtocol5StateE [qt-mt]
_ZN17QNetworkOperation9qt_invokeEiP8QUObject [qt-mt]	_ZN17QNetworkOperation9setRawArgEiRK9QMemArrayIcE [qt-mt]
_ZN17QNetworkOperationC1EN16QNetworkProtocol9OperationERK7QStringS4_S4_ [qt-mt]	_ZN17QNetworkOperationC1EN16QNetworkProtocol9OperationERK9QMemArrayIcES5_S5_ [qt-mt]
_ZN17QNetworkOperationC2EN16QNetworkProtocol9OperationERK7QStringS4_S4_ [qt-mt]	_ZN17QNetworkOperationC2EN16QNetworkProtocol9OperationERK9QMemArrayIcES5_S5_ [qt-mt]
_ZN17QNetworkOperationD0Ev [qt-mt]	_ZN17QNetworkOperationD1Ev [qt-mt]
_ZN17QNetworkOperationD2Ev [qt-mt]	_ZN18QHttpRequestHeader10setRequestERK7QStringS2_ii [qt-mt]
_ZN18QHttpRequestHeader9parseLineERK7QStringi [qt-mt]	_ZN18QHttpRequestHeaderC1ERK7QString [qt-mt]
_ZN18QHttpRequestHeaderC1ERK7QStringS2_ii [qt-mt]	_ZN18QHttpRequestHeaderC1ERKS_ [qt-mt]
_ZN18QHttpRequestHeaderC1Ev [qt-mt]	_ZN18QHttpRequestHeaderC2ERK7QString [qt-mt]
_ZN18QHttpRequestHeaderC2ERK7	_ZN18QHttpRequestHeaderC2ERKS

QStringS2_ii [qt-mt]	_ [qt-mt]
_ZN18QHttpRequestHeaderC2Ev [qt-mt]	_ZN18QMimeSourceFactory10addFactoryEPS_ [qt-mt]
_ZN18QMimeSourceFactory11addFilePathERK7QString [qt-mt]	_ZN18QMimeSourceFactory11setFilePathERK11QStringList [qt-mt]
ZN18QMimeSourceFactory13removeFactoryEPS [qt-mt]	_ZN18QMimeSourceFactory14defaultFactoryEv [qt-mt]
_ZN18QMimeSourceFactory16setExtensionTypeERK7QStringPKc [qt-mt]	_ZN18QMimeSourceFactory17setDefaultFactoryEPS_ [qt-mt]
_ZN18QMimeSourceFactory18takeDefaultFactoryEv [qt-mt]	_ZN18QMimeSourceFactory7setDataERK7QStringP11QMimeSource [qt-mt]
ZN18QMimeSourceFactory7setTextERK7QStringS2 [qt-mt]	_ZN18QMimeSourceFactory8setImageERK7QStringRK6QImage [qt-mt]
_ZN18QMimeSourceFactory9setPixmapERK7QStringRK7QPixmap [qt-mt]	_ZN18QMimeSourceFactoryC1Ev [qt-mt]
_ZN18QMimeSourceFactoryC2Ev [qt-mt]	_ZN18QMimeSourceFactoryD0Ev [qt-mt]
_ZN18QMimeSourceFactoryD1Ev [qt-mt]	_ZN18QMimeSourceFactoryD2Ev [qt-mt]
_ZN19QHttpResponseHeader13setStatusLineEiRK7QStringii [qt-mt]	_ZN19QHttpResponseHeader9parseLineERK7QStringi [qt-mt]
_ZN19QHttpResponseHeaderC1ERK7QString [qt-mt]	_ZN19QHttpResponseHeaderC1ERKS_ [qt-mt]
_ZN19QHttpResponseHeaderC1EiRK7QStringii [qt-mt]	_ZN19QHttpResponseHeaderC1Ev [qt-mt]
_ZN19QHttpResponseHeaderC2ERK7QString [qt-mt]	_ZN19QHttpResponseHeaderC2ERKS_ [qt-mt]
_ZN19QHttpResponseHeaderC2EiRK7QStringii [qt-mt]	_ZN19QHttpResponseHeaderC2Ev [qt-mt]
_ZN4QDns10startQueryEv [qt-mt]	_ZN4QDns11qt_propertyEiiP8QVariant [qt-mt]
_ZN4QDns12resultsReadyEv [qt-mt]	_ZN4QDns13setRecordTypeENS_10RecordTypeE [qt-mt]
_ZN4QDns16staticMetaObjectEv [qt-mt]	_ZN4QDns18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN4QDns18setStartQueryTimerEv [qt-mt]	_ZN4QDns18toInAddrArpaDomainERK12QHostAddress [qt-mt]
ZN4QDns2trEPKcS1 [qt-mt]	_ZN4QDns6trUtf8EPKcS1_ [qt-mt]
_ZN4QDns7qt_castEPKc [qt-mt]	_ZN4QDns7qt_emitEiP8QUObject [qt-mt]
_ZN4QDns8setLabelERK12QHostAddress [qt-mt]	_ZN4QDns8setLabelERK7QString [qt-mt]
_ZN4QDns9doResInitEv [qt-mt]	_ZN4QDns9qt_invokeEiP8QUObject [qt-mt]

© 2008 Linux Foundation

_ZN4QDnsC1ERK12QHostAddressNS_10RecordTypeE [qt-mt]	_ZN4QDnsC1ERK7QStringNS_10RecordTypeE [qt-mt]
_ZN4QDnsC1Ev [qt-mt]	_ZN4QDnsC2ERK12QHostAddressNS_10RecordTypeE [qt-mt]
_ZN4QDnsC2ERK7QStringNS_10RecordTypeE [qt-mt]	_ZN4QDnsC2Ev [qt-mt]
_ZN4QDnsD0Ev [qt-mt]	_ZN4QDnsD1Ev [qt-mt]
_ZN4QDnsD2Ev [qt-mt]	_ZN4QFtp10addCommandEP11QFtpCommand [qt-mt]
_ZN4QFtp10dataClosedEv [qt-mt]	_ZN4QFtp10npListInfoERK8QUrlInfo [qt-mt]
_ZN4QFtp10piFinishedERK7QString [qt-mt]	_ZN4QFtp10piFtpReplyEiRK7QString [qt-mt]
_ZN4QFtp10rawCommandERK7QString [qt-mt]	_ZN4QFtp11npReadyReadEv [qt-mt]
_ZN4QFtp11qt_propertyEiiP8QVariant [qt-mt]	_ZN4QFtp12operationGetEP17QNetworkOperation [qt-mt]
_ZN4QFtp12operationPutEP17QNetworkOperation [qt-mt]	_ZN4QFtp12stateChangedEi [qt-mt]
_ZN4QFtp13connectToHostERK7QStringt [qt-mt]	_ZN4QFtp13dataConnectedEv [qt-mt]
_ZN4QFtp13dataHostFoundEv [qt-mt]	_ZN4QFtp13dataReadyReadEv [qt-mt]
_ZN4QFtp14commandStartedEi [qt-mt]	_ZN4QFtp14npStateChangedEi [qt-mt]
_ZN4QFtp14operationMkDirEP17QNetworkOperation [qt-mt]	_ZN4QFtp14piConnectStateEi [qt-mt]
_ZN4QFtp15checkConnectionEP17QNetworkOperation [qt-mt]	_ZN4QFtp15commandFinishedEib [qt-mt]
_ZN4QFtp15operationRemoveEP17QNetworkOperation [qt-mt]	_ZN4QFtp15operationRenameEP17QNetworkOperation [qt-mt]
_ZN4QFtp15rawCommandReplyEiRK7QString [qt-mt]	_ZN4QFtp16dataBytesWrittenEi [qt-mt]
_ZN4QFtp16startNextCommandEv [qt-mt]	_ZN4QFtp16staticMetaObjectEv [qt-mt]
_ZN4QFtp18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN4QFtp20clearPendingCommandsEv [qt-mt]
_ZN4QFtp20dataTransferProgressEii [qt-mt]	_ZN4QFtp21operationListChildrenEP17QNetworkOperation [qt-mt]
_ZN4QFtp22npDataTransferProgressEii [qt-mt]	_ZN4QFtp2cdERK7QString [qt-mt]
ZN4QFtp2trEPKcS1 [qt-mt]	_ZN4QFtp3getERK7QStringP9QIODevice [qt-mt]
_ZN4QFtp3putEP9QIODeviceRK7QString [qt-mt]	_ZN4QFtp3putERK9QMemArrayIcERK7QString [qt-mt]

_ZN4QFtp4doneEb [qt-mt]	_ZN4QFtp4initEv [qt-mt]
_ZN4QFtp4listERK7QString [qt-mt]	_ZN4QFtp5abortEv [qt-mt]
_ZN4QFtp5closeEv [qt-mt]	_ZN4QFtp5errorEi [qt-mt]
ZN4QFtp5loginERK7QStringS2 [qt-mt]	_ZN4QFtp5mkdirERK7QString [qt-mt]
_ZN4QFtp5rmdirERK7QString [qt-mt]	_ZN4QFtp6closedEv [qt-mt]
_ZN4QFtp6npDoneEb [qt-mt]	_ZN4QFtp6removeERK7QString [qt-mt]
ZN4QFtp6renameERK7QStringS2 [qt-mt]	_ZN4QFtp6trUtf8EPKcS1_ [qt-mt]
_ZN4QFtp7piErrorEiRK7QString [qt-mt]	_ZN4QFtp7qt_castEPKc [qt-mt]
_ZN4QFtp7qt_emitEiP8QUObject [qt-mt]	_ZN4QFtp7readAllEv [qt-mt]
_ZN4QFtp8listInfoERK8QUrlInfo [qt-mt]	_ZN4QFtp8parseDirERK7QStringR8QUrlInfo [qt-mt]
_ZN4QFtp9connectedEv [qt-mt]	_ZN4QFtp9hostFoundEv [qt-mt]
_ZN4QFtp9qt_invokeEiP8QUObject [qt-mt]	_ZN4QFtp9readBlockEPcm [qt-mt]
_ZN4QFtp9readyReadEv [qt-mt]	_ZN4QFtpC1EP7QObjectPKc [qt-mt]
_ZN4QFtpC1Ev [qt-mt]	_ZN4QFtpC2EP7QObjectPKc [qt-mt]
_ZN4QFtpC2Ev [qt-mt]	_ZN4QFtpD0Ev [qt-mt]
_ZN4QFtpD1Ev [qt-mt]	_ZN4QFtpD2Ev [qt-mt]
_ZN4QUrl11setFileNameERK7QString [qt-mt]	_ZN4QUrl11setPasswordERK7QString [qt-mt]
_ZN4QUrl11setProtocolERK7QString [qt-mt]	_ZN4QUrl13isRelativeUrlERK7QString [qt-mt]
_ZN4QUrl19encodedPathAndQueryEv [qt-mt]	_ZN4QUrl22setEncodedPathAndQueryERK7QString [qt-mt]
_ZN4QUrl4cdUpEv [qt-mt]	_ZN4QUrl5parseERK7QString [qt-mt]
_ZN4QUrl5resetEv [qt-mt]	_ZN4QUrl6decodeER7QString [qt-mt]
_ZN4QUrl6encodeER7QString [qt-mt]	_ZN4QUrl6setRefERK7QString [qt-mt]
_ZN4QUrl7addPathERK7QString [qt-mt]	_ZN4QUrl7setHostERK7QString [qt-mt]
_ZN4QUrl7setPathERK7QString [qt-mt]	_ZN4QUrl7setPortEi [qt-mt]
_ZN4QUrl7setUserERK7QString [qt-mt]	_ZN4QUrl8setQueryERK7QString [qt-mt]
_ZN4QUrlC1ERK7QString [qt-mt]	_ZN4QUrlC1ERKS_ [qt-mt]
_ZN4QUrlC1ERKS_RK7QStringb	_ZN4QUrlC1Ev [qt-mt]

 © 2008 Linux Foundation

[qt-mt]	
_ZN4QUrlC2ERK7QString [qt-mt]	_ZN4QUrlC2ERKS_ [qt-mt]
_ZN4QUrlC2ERKS_RK7QStringb [qt-mt]	_ZN4QUrlC2Ev [qt-mt]
_ZN4QUrlD0Ev [qt-mt]	_ZN4QUrlD1Ev [qt-mt]
_ZN4QUrlD2Ev [qt-mt]	_ZN4QUrlaSERK7QString [qt-mt]
ZN4QUrlaSERKS [qt-mt]	_ZN5QHttp10addRequestEP12QHttpRequest [qt-mt]
_ZN5QHttp10clientDoneEb [qt-mt]	_ZN5QHttp10slotClosedEv [qt-mt]
_ZN5QHttp10timerEventEP11QTimerEvent [qt-mt]	_ZN5QHttp11clientReplyERK19QHttpResponseHeader [qt-mt]
_ZN5QHttp11qt_propertyEiiP8QVariant [qt-mt]	_ZN5QHttp11sendRequestEv [qt-mt]
_ZN5QHttp12operationGetEP17QNetworkOperation [qt-mt]	_ZN5QHttp12operationPutEP17QNetworkOperation [qt-mt]
_ZN5QHttp12stateChangedEi [qt-mt]	_ZN5QHttp13killIdleTimerEv [qt-mt]
_ZN5QHttp13slotConnectedEv [qt-mt]	_ZN5QHttp13slotReadyReadEv [qt-mt]
_ZN5QHttp14requestStartedEi [qt-mt]	_ZN5QHttp15closeConnectionEv [qt-mt]
_ZN5QHttp15requestFinishedEib [qt-mt]	_ZN5QHttp16dataReadProgressEii [qt-mt]
_ZN5QHttp16dataSendProgressEii [qt-mt]	_ZN5QHttp16slotBytesWrittenEi [qt-mt]
_ZN5QHttp16startNextRequestEv [qt-mt]	_ZN5QHttp16staticMetaObjectEv [qt-mt]
_ZN5QHttp17finishedWithErrorERK7QStringi [qt-mt]	_ZN5QHttp18clientStateChangedEi [qt-mt]
_ZN5QHttp18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN5QHttp19finishedWithSuccessEv [qt-mt]
_ZN5QHttp20clearPendingRequestsEv [qt-mt]	_ZN5QHttp22responseHeaderReceivedERK19QHttpResponseHeader [qt-mt]
ZN5QHttp2trEPKcS1 [qt-mt]	_ZN5QHttp3getERK7QStringP9QIODevice [qt-mt]
_ZN5QHttp4doneEb [qt-mt]	_ZN5QHttp4headERK7QString [qt-mt]
_ZN5QHttp4initEv [qt-mt]	_ZN5QHttp4postERK7QStringP9QIODeviceS4_ [qt-mt]
_ZN5QHttp4postERK7QStringRK9QMemArrayIcEP9QIODevice [qt-mt]	_ZN5QHttp5abortEv [qt-mt]
_ZN5QHttp5closeEv [qt-mt]	_ZN5QHttp6trUtf8EPKcS1_ [qt-mt]
_ZN5QHttp7qt_castEPKc [qt-mt]	_ZN5QHttp7qt_emitEiP8QUObject [qt-mt]

_ZN5QHttp7readAllEv [qt-mt]	_ZN5QHttp7requestERK18QHttpRequestHeaderP9QIODeviceS4_ [qt-mt]
_ZN5QHttp7requestERK18QHttpRequestHeaderRK9QMemArrayIcEP9QIODevice [qt-mt]	_ZN5QHttp7setHostERK7QStringt [qt-mt]
_ZN5QHttp8setStateEi [qt-mt]	_ZN5QHttp9qt_invokeEiP8QUObject [qt-mt]
_ZN5QHttp9readBlockEPcm [qt-mt]	_ZN5QHttp9readyReadERK19QHttpResponseHeader [qt-mt]
_ZN5QHttp9slotErrorEi [qt-mt]	_ZN5QHttpC1EP7QObjectPKc [qt-mt]
_ZN5QHttpC1ERK7QStringtP7QObjectPKc [qt-mt]	_ZN5QHttpC1Ev [qt-mt]
_ZN5QHttpC2EP7QObjectPKc [qt-mt]	_ZN5QHttpC2ERK7QStringtP7QObjectPKc [qt-mt]
_ZN5QHttpC2Ev [qt-mt]	_ZN5QHttpD0Ev [qt-mt]
_ZN5QHttpD1Ev [qt-mt]	_ZN5QHttpD2Ev [qt-mt]
_ZN7QSocket10writeBlockEPKcm [qt-mt]	_ZN7QSocket11qt_propertyEiiP8QVariant [qt-mt]
_ZN7QSocket12bytesWrittenEi [qt-mt]	_ZN7QSocket12socketDeviceEv [qt-mt]
_ZN7QSocket13connectToHostERK7QStringt [qt-mt]	_ZN7QSocket13tryConnectingEv [qt-mt]
_ZN7QSocket13tryConnectionEv [qt-mt]	_ZN7QSocket15consumeWriteBufEm [qt-mt]
_ZN7QSocket15setSocketDeviceEP13QSocketDevice [qt-mt]	_ZN7QSocket15setSocketInternEi [qt-mt]
_ZN7QSocket16clearPendingDataEv [qt-mt]	_ZN7QSocket16connectionClosedEv [qt-mt]
_ZN7QSocket16staticMetaObjectEv [qt-mt]	_ZN7QSocket17setReadBufferSizeEm [qt-mt]
_ZN7QSocket18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN7QSocket20delayedCloseFinishedEv [qt-mt]
_ZN7QSocket26emitErrorConnectionRefusedEv [qt-mt]	_ZN7QSocket2atEm [qt-mt]
ZN7QSocket2trEPKcS1 [qt-mt]	_ZN7QSocket4openEi [qt-mt]
_ZN7QSocket5closeEv [qt-mt]	_ZN7QSocket5errorEi [qt-mt]
_ZN7QSocket5flushEv [qt-mt]	_ZN7QSocket5getchEv [qt-mt]
_ZN7QSocket5putchEi [qt-mt]	_ZN7QSocket6trUtf8EPKcS1_ [qt-mt]
_ZN7QSocket7qt_castEPKc [qt-mt]	_ZN7QSocket7qt_emitEiP8QUObject [qt-mt]
_ZN7QSocket7sn_readEb [qt-mt]	_ZN7QSocket7ungetchEi [qt-mt]
_ZN7QSocket8readLineEPcm [qt-	_ZN7QSocket8readLineEv [qt-mt]

 © 2008 Linux Foundation

mt]	
_ZN7QSocket8sn_writeEv [qt-mt]	_ZN7QSocket9connectedEv [qt-mt]
_ZN7QSocket9hostFoundEv [qt-mt]	_ZN7QSocket9qt_invokeEiP8QUObject [qt-mt]
_ZN7QSocket9readBlockEPcm [qt-mt]	_ZN7QSocket9readyReadEv [qt-mt]
_ZN7QSocket9setSocketEi [qt-mt]	_ZN7QSocketC1EP7QObjectPKc [qt-mt]
_ZN7QSocketC2EP7QObjectPKc [qt-mt]	_ZN7QSocketD0Ev [qt-mt]
_ZN7QSocketD1Ev [qt-mt]	_ZN7QSocketD2Ev [qt-mt]
_ZN8QLocalFs11qt_propertyEiiP8QVariant [qt-mt]	_ZN8QLocalFs12operationGetEP17QNetworkOperation [qt-mt]
_ZN8QLocalFs12operationPutEP17QNetworkOperation [qt-mt]	_ZN8QLocalFs14operationMkDirEP17QNetworkOperation [qt-mt]
_ZN8QLocalFs15operationRemoveEP17QNetworkOperation [qt-mt]	_ZN8QLocalFs15operationRenameEP17QNetworkOperation [qt-mt]
_ZN8QLocalFs16staticMetaObjectEv [qt-mt]	_ZN8QLocalFs18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN8QLocalFs21operationListChildrenEP17QNetworkOperation [qt-mt]	_ZN8QLocalFs2trEPKcS1_ [qt-mt]
ZN8QLocalFs6trUtf8EPKcS1 [qt-mt]	_ZN8QLocalFs7qt_castEPKc [qt-mt]
_ZN8QLocalFs7qt_emitEiP8QUObject [qt-mt]	_ZN8QLocalFs9qt_invokeEiP8QUObject [qt-mt]
_ZN8QLocalFsC1Ev [qt-mt]	_ZN8QLocalFsC2Ev [qt-mt]
_ZN8QUrlInfo10setSymLinkEb [qt-mt]	_ZN8QUrlInfo11greaterThanERKS_S1_i [qt-mt]
_ZN8QUrlInfo11setReadableEb [qt-mt]	_ZN8QUrlInfo11setWritableEb [qt-mt]
_ZN8QUrlInfo14setPermissionsEi [qt-mt]	_ZN8QUrlInfo15setLastModifiedERK9QDateTime [qt-mt]
_ZN8QUrlInfo5equalERKS_S1_i [qt-mt]	_ZN8QUrlInfo6setDirEb [qt-mt]
_ZN8QUrlInfo7setFileEb [qt-mt]	_ZN8QUrlInfo7setNameERK7QString [qt-mt]
_ZN8QUrlInfo7setSizeEj [qt-mt]	_ZN8QUrlInfo8lessThanERKS_S1_i [qt-mt]
_ZN8QUrlInfo8setGroupERK7QString [qt-mt]	_ZN8QUrlInfo8setOwnerERK7QString [qt-mt]
_ZN8QUrlInfoC1ERK12QUrlOperatorRK7QString [qt-mt]	_ZN8QUrlInfoC1ERK4QUrliRK7QStringS5_jRK9QDateTimeS8_bbbbbb [qt-mt]
_ZN8QUrlInfoC1ERK7QStringiS2_S2_jRK9QDateTimeS5_bbbbbb [qt-mt]	_ZN8QUrlInfoC1ERKS_ [qt-mt]

_ZN8QUrlInfoC1Ev [qt-mt]	_ZN8QUrlInfoC2ERK12QUrlOperatorRK7QString [qt-mt]
_ZN8QUrlInfoC2ERK4QUrliRK7QStringS5_jRK9QDateTimeS8_bbbbbb [qt-mt]	_ZN8QUrlInfoC2ERK7QStringiS2_S2_jRK9QDateTimeS5_bbbbbb [qt-mt]
ZN8QUrlInfoC2ERKS [qt-mt]	_ZN8QUrlInfoC2Ev [qt-mt]
_ZN8QUrlInfoD0Ev [qt-mt]	_ZN8QUrlInfoD1Ev [qt-mt]
_ZN8QUrlInfoD2Ev [qt-mt]	_ZN8QUrlInfoaSERKS_ [qt-mt]
_ZNK11QHttpHeader11contentTypeEv [qt-mt]	_ZNK11QHttpHeader13contentLengthEv [qt-mt]
_ZNK11QHttpHeader14hasContentTypeEv [qt-mt]	_ZNK11QHttpHeader16hasContentLengthEv [qt-mt]
_ZNK11QHttpHeader4keysEv [qt-mt]	_ZNK11QHttpHeader5valueERK7QString [qt-mt]
_ZNK11QHttpHeader6hasKeyERK7QString [qt-mt]	_ZNK11QHttpHeader7isValidEv [qt-mt]
_ZNK11QHttpHeader8toStringEv [qt-mt]	_ZNK11QMimeSource8providesEPKc [qt-mt]
_ZNK12QHostAddress13isIPv4AddressEv [qt-mt]	_ZNK12QHostAddress13isIPv6AddressEv [qt-mt]
_ZNK12QHostAddress13toIPv4AddressEv [qt-mt]	_ZNK12QHostAddress13toIPv6AddressEv [qt-mt]
_ZNK12QHostAddress6isNullEv [qt-mt]	_ZNK12QHostAddress7ip4AddrEv [qt-mt]
_ZNK12QHostAddress8toStringEv [qt-mt]	_ZNK12QHostAddress9isIp4AddrEv [qt-mt]
ZNK12QHostAddresseqERKS [qt-mt]	_ZNK12QUrlOperator10nameFilterEv [qt-mt]
_ZNK12QUrlOperator4infoERK7QString [qt-mt]	_ZNK12QUrlOperator9classNameEv [qt-mt]
_ZNK13QServerSocket2okEv [qt-mt]	_ZNK13QServerSocket4portEv [qt-mt]
_ZNK13QServerSocket6socketEv [qt-mt]	_ZNK13QServerSocket7addressEv [qt-mt]
_ZNK13QServerSocket9classNameEv [qt-mt]	_ZNK13QSocketDevice11getProtocolEv [qt-mt]
_ZNK13QSocketDevice11peerAddressEv [qt-mt]	_ZNK13QSocketDevice11waitForMoreEiPb [qt-mt]
_ZNK13QSocketDevice14bytesAvailableEv [qt-mt]	_ZNK13QSocketDevice14sendBufferSizeEv [qt-mt]
_ZNK13QSocketDevice15addressReusableEv [qt-mt]	_ZNK13QSocketDevice17receiveBufferSizeEv [qt-mt]
_ZNK13QSocketDevice2atEv [qt-mt]	_ZNK13QSocketDevice4portEv [qt-mt]
_ZNK13QSocketDevice4sizeEv [qt-	_ZNK13QSocketDevice4typeEv [qt-

 © 2008 Linux Foundation

mt]	mt]
_ZNK13QSocketDevice5atEndEv [qt-mt]	_ZNK13QSocketDevice5errorEv [qt-mt]
_ZNK13QSocketDevice6optionENS_6OptionE [qt-mt]	_ZNK13QSocketDevice6socketEv [qt-mt]
_ZNK13QSocketDevice7addressEv [qt-mt]	_ZNK13QSocketDevice7isValidEv [qt-mt]
_ZNK13QSocketDevice8blockingEv [qt-mt]	_ZNK13QSocketDevice8peerPortEv [qt-mt]
_ZNK13QSocketDevice8protocolEv [qt-mt]	_ZNK15QSocketNotifier9classNameEv [qt-mt]
_ZNK16QNetworkProtocol10autoDeleteEv [qt-mt]	_ZNK16QNetworkProtocol19operationInProgressEv [qt-mt]
_ZNK16QNetworkProtocol19supportedOperationsEv [qt-mt]	_ZNK16QNetworkProtocol3urlEv [qt-mt]
_ZNK16QNetworkProtocol9classNameEv [qt-mt]	_ZNK17QNetworkOperation14protocolDetailEv [qt-mt]
_ZNK17QNetworkOperation3argEi [qt-mt]	_ZNK17QNetworkOperation3rawEi [qt-mt]
_ZNK17QNetworkOperation5stateEv [qt-mt]	_ZNK17QNetworkOperation6rawArgEi [qt-mt]
_ZNK17QNetworkOperation9classNameEv [qt-mt]	_ZNK17QNetworkOperation9errorCodeEv [qt-mt]
_ZNK17QNetworkOperation9operationEv [qt-mt]	_ZNK18QHttpRequestHeader12majorVersionEv [qt-mt]
_ZNK18QHttpRequestHeader12minorVersionEv [qt-mt]	_ZNK18QHttpRequestHeader4pathEv [qt-mt]
_ZNK18QHttpRequestHeader6methodEv [qt-mt]	_ZNK18QHttpRequestHeader8toStringEv [qt-mt]
_ZNK18QMimeSourceFactory12dataInternalERK7QStringRK4QMapIS0_S0_E [qt-mt]	_ZNK18QMimeSourceFactory12makeAbsoluteERK7QStringS2_ [qt-mt]
_ZNK18QMimeSourceFactory4dataERK7QString [qt-mt]	_ZNK18QMimeSourceFactory4dataERK7QStringS2_ [qt-mt]
_ZNK18QMimeSourceFactory8filePathEv [qt-mt]	_ZNK19QHttpResponseHeader10statusCodeEv [qt-mt]
_ZNK19QHttpResponseHeader12majorVersionEv [qt-mt]	_ZNK19QHttpResponseHeader12minorVersionEv [qt-mt]
_ZNK19QHttpResponseHeader12reasonPhraseEv [qt-mt]	_ZNK19QHttpResponseHeader8toStringEv [qt-mt]
_ZNK4QDns11mailServersEv [qt-mt]	_ZNK4QDns13canonicalNameEv [qt-mt]
_ZNK4QDns5textsEv [qt-mt]	_ZNK4QDns7serversEv [qt-mt]
_ZNK4QDns9addressesEv [qt-mt]	_ZNK4QDns9classNameEv [qt-mt]
_ZNK4QDns9hostNamesEv [qt-mt]	_ZNK4QDns9isWorkingEv [qt-mt]

_ZNK4QFtp11errorStringEv [qt-mt]	_ZNK4QFtp13currentDeviceEv [qt-mt]
_ZNK4QFtp14bytesAvailableEv [qt-mt]	_ZNK4QFtp14currentCommandEv [qt-mt]
_ZNK4QFtp18hasPendingCommandsEv [qt-mt]	_ZNK4QFtp19supportedOperationsEv [qt-mt]
_ZNK4QFtp5errorEv [qt-mt]	_ZNK4QFtp5stateEv [qt-mt]
_ZNK4QFtp9classNameEv [qt-mt]	_ZNK4QFtp9currentIdEv [qt-mt]
_ZNK4QUrl11hasPasswordEv [qt-mt]	_ZNK4QUrl11isLocalFileEv [qt-mt]
_ZNK4QUrl3refEv [qt-mt]	_ZNK4QUrl4hostEv [qt-mt]
_ZNK4QUrl4pathEb [qt-mt]	_ZNK4QUrl4portEv [qt-mt]
_ZNK4QUrl4userEv [qt-mt]	_ZNK4QUrl5queryEv [qt-mt]
_ZNK4QUrl6hasRefEv [qt-mt]	_ZNK4QUrl7dirPathEv [qt-mt]
_ZNK4QUrl7hasHostEv [qt-mt]	_ZNK4QUrl7hasPathEv [qt-mt]
_ZNK4QUrl7hasPortEv [qt-mt]	_ZNK4QUrl7hasUserEv [qt-mt]
_ZNK4QUrl7isValidEv [qt-mt]	_ZNK4QUrl8fileNameEv [qt-mt]
_ZNK4QUrl8passwordEv [qt-mt]	_ZNK4QUrl8protocolEv [qt-mt]
_ZNK4QUrl8toStringEbb [qt-mt]	_ZNK4QUrlcv7QStringEv [qt-mt]
_ZNK4QUrleqERK7QString [qt-mt]	_ZNK4QUrleqERKS_ [qt-mt]
_ZNK5QHttp11errorStringEv [qt-mt]	_ZNK5QHttp14bytesAvailableEv [qt-mt]
_ZNK5QHttp14currentRequestEv [qt-mt]	_ZNK5QHttp18hasPendingRequestsEv [qt-mt]
_ZNK5QHttp19currentSourceDeviceEv [qt-mt]	_ZNK5QHttp19supportedOperationsEv [qt-mt]
_ZNK5QHttp24currentDestinationDeviceEv [qt-mt]	_ZNK5QHttp5errorEv [qt-mt]
_ZNK5QHttp5stateEv [qt-mt]	_ZNK5QHttp9classNameEv [qt-mt]
_ZNK5QHttp9currentIdEv [qt-mt]	_ZNK7QSocket11canReadLineEv [qt-mt]
_ZNK7QSocket11peerAddressEv [qt-mt]	_ZNK7QSocket11waitForMoreEi [qt-mt]
_ZNK7QSocket11waitForMoreEiPb [qt-mt]	_ZNK7QSocket12bytesToWriteEv [qt-mt]
_ZNK7QSocket14bytesAvailableEv [qt-mt]	_ZNK7QSocket14readBufferSizeEv [qt-mt]
_ZNK7QSocket2atEv [qt-mt]	_ZNK7QSocket4portEv [qt-mt]
_ZNK7QSocket4sizeEv [qt-mt]	_ZNK7QSocket5atEndEv [qt-mt]
_ZNK7QSocket5stateEv [qt-mt]	_ZNK7QSocket6socketEv [qt-mt]
_ZNK7QSocket7addressEv [qt-mt]	_ZNK7QSocket8peerNameEv [qt-mt]
_ZNK7QSocket8peerPortEv [qt-mt]	_ZNK7QSocket9classNameEv [qt-

 © 2008 Linux Foundation

	mt]
_ZNK8QLocalFs13calcBlockSizeEi [qt-mt]	_ZNK8QLocalFs19supportedOperationsEv [qt-mt]
_ZNK8QLocalFs9classNameEv [qt-mt]	_ZNK8QUrlInfo10isReadableEv [qt-mt]
_ZNK8QUrlInfo10isWritableEv [qt-mt]	_ZNK8QUrlInfo11permissionsEv [qt-mt]
_ZNK8QUrlInfo12isExecutableEv [qt-mt]	_ZNK8QUrlInfo12lastModifiedEv [qt-mt]
_ZNK8QUrlInfo4nameEv [qt-mt]	_ZNK8QUrlInfo4sizeEv [qt-mt]
_ZNK8QUrlInfo5groupEv [qt-mt]	_ZNK8QUrlInfo5isDirEv [qt-mt]
_ZNK8QUrlInfo5ownerEv [qt-mt]	_ZNK8QUrlInfo6isFileEv [qt-mt]
_ZNK8QUrlInfo7isValidEv [qt-mt]	_ZNK8QUrlInfo8lastReadEv [qt-mt]
_ZNK8QUrlInfo9isSymLinkEv [qt-mt]	_ZNK8QUrlInfoeqERKS_ [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Network specified in Table 18-248, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-248 libqt-mt - Qt3 Network Data Interfaces

_ZN12QUrlOperator7metaObjE [qt-mt]	_ZN13QServerSocket7metaObjE [qt-mt]
_ZN15QSocketNotifier7metaObjE [qt-mt]	_ZN16QNetworkProtocol7metaObjE [qt-mt]
_ZN17QNetworkOperation7metaObjE [qt-mt]	_ZN4QDns7metaObjE [qt-mt]
_ZN4QFtp7metaObjE [qt-mt]	_ZN5QHttp7metaObjE [qt-mt]
_ZN7QSocket7metaObjE [qt-mt]	_ZN8QLocalFs7metaObjE [qt-mt]
_ZTI11QHttpHeader [CXXABI]	_ZTI11QMimeSource [CXXABI]
_ZTI12QHostAddress [CXXABI]	_ZTI12QUrlOperator [CXXABI]
_ZTI13QServerSocket [CXXABI]	_ZTI13QSocketDevice [CXXABI]
_ZTI15QConnectionList [CXXABI]	_ZTI15QSocketNotifier [CXXABI]
_ZTI16QNetworkProtocol [CXXABI]	_ZTI17QNetworkOperation [CXXABI]
_ZTI18QHttpRequestHeader [CXXABI]	_ZTI18QMimeSourceFactory [CXXABI]
_ZTI19QHttpResponseHeader [CXXABI]	_ZTI4QDns [CXXABI]
_ZTI4QFtp [CXXABI]	_ZTI4QUrl [CXXABI]
_ZTI5QHttp [CXXABI]	_ZTI7QSocket [CXXABI]
_ZTI8QLocalFs [CXXABI]	_ZTI8QUrlInfo [CXXABI]
_ZTV11QHttpHeader [CXXABI]	_ZTV11QMimeSource [CXXABI]
_ZTV12QHostAddress [CXXABI]	_ZTV12QUrlOperator [CXXABI]

_ZTV13QServerSocket [CXXABI]	_ZTV13QSocketDevice [CXXABI]
_ZTV15QConnectionList [CXXABI]	_ZTV15QSocketNotifier [CXXABI]
_ZTV16QNetworkProtocol [CXXABI]	_ZTV17QNetworkOperation [CXXABI]
_ZTV18QHttpRequestHeader [CXXABI]	_ZTV18QMimeSourceFactory [CXXABI]
_ZTV19QHttpResponseHeader [CXXABI]	_ZTV4QDns [CXXABI]
_ZTV4QFtp [CXXABI]	_ZTV4QUrl [CXXABI]
_ZTV5QHttp [CXXABI]	_ZTV7QSocket [CXXABI]
_ZTV8QLocalFs [CXXABI]	_ZTV8QUrlInfo [CXXABI]

18.2.14 Qt3 Object Model

18.2.14.1 Class data for QObjectCleanupHandler

The virtual table for the QObjectCleanupHandler class is described by Table 18-249

Table 18-249 Primary vtable for QObjectCleanupHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QObjectCleanupHandler
vfunc[0]:	NULL or QObjectCleanupHandler::metaObject() const
vfunc[1]:	QObjectCleanupHandler::className() const
vfunc[2]:	QObjectCleanupHandler::qt_cast(char const*)
vfunc[3]:	QObjectCleanupHandler::qt_invoke(int, QUObject*)
vfunc[4]:	QObjectCleanupHandler::qt_emit(int, QUObject*)
vfunc[5]:	QObjectCleanupHandler::qt_property(int, int, QVariant*)
vfunc[6]:	QObjectCleanupHandler::~QObjectCleanupHandler()
vfunc[7]:	QObjectCleanupHandler::~QObjectCleanupHandler()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)

© 2008 Linux Foundation

vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QObjectCleanupHandler class is described by Table 18-250

Table 18-250 typeinfo for QObjectCleanupHandler

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QObjectCleanupHandler
basetype:	typeinfo for QObject

18.2.14.2 Class data for QObjectUserData

The virtual table for the QObjectUserData class is described by Table 18-251

Table 18-251 Primary vtable for QObjectUserData

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QObjectUserData
vfunc[0]:	QObjectUserData::~QObjectUserData()
vfunc[1]:	QObjectUserData::~QObjectUserData()

The Run Time Type Information for the QObjectUserData class is described by Table 18-252

Table 18-252 typeinfo for QObjectUserData

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QObjectUserData

18.2.14.3 Class data for QObject

The virtual table for the QObject class is described by Table 18-253

Table 18-253 Primary vtable for QObject

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QObject
vfunc[0]:	NULL or QObject::metaObject() const
vfunc[1]:	QObject::className() const
vfunc[2]:	QObject::qt_cast(char const*)
vfunc[3]:	QObject::qt_invoke(int, QUObject*)
vfunc[4]:	QObject::qt_emit(int, QUObject*)
vfunc[5]:	QObject::qt_property(int, int, QVariant*)
vfunc[6]:	QObject::~QObject()
vfunc[7]:	QObject::~QObject()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QObject class is described by Table 18-254

Table 18-254 typeinfo for QObject

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QObject
basetype:	typeinfo for Qt

18.2.14.4 Class data for QMetaObject

The virtual table for the QMetaObject class is described by Table 18-255

 © 2008 Linux Foundation

Table 18-255 Primary vtable for QMetaObject

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMetaObject
vfunc[0]:	QMetaObject::~QMetaObject()
vfunc[1]:	QMetaObject::~QMetaObject()

The Run Time Type Information for the QMetaObject class is described by Table 18-256

Table 18-256 typeinfo for QMetaObject

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QMetaObject

18.2.14.5 Class data for QGuardedPtrPrivate

The virtual table for the QGuardedPtrPrivate class is described by Table 18-257

Table 18-257 Primary vtable for QGuardedPtrPrivate

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGuardedPtrPrivate
vfunc[0]:	NULL or QGuardedPtrPrivate::metaObject() const
vfunc[1]:	QGuardedPtrPrivate::className() const
vfunc[2]:	QGuardedPtrPrivate::qt_cast(char const*)
vfunc[3]:	QGuardedPtrPrivate::qt_invoke(int, QUObject*)
vfunc[4]:	QGuardedPtrPrivate::qt_emit(int, QUObject*)
vfunc[5]:	QGuardedPtrPrivate::qt_property(int, int, QVariant*)
vfunc[6]:	QGuardedPtrPrivate::~QGuardedPtrPrivate()
vfunc[7]:	QGuardedPtrPrivate::~QGuardedPtrPrivate()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)

vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QGuardedPtrPrivate class is described by Table 18-258

Table 18-258 typeinfo for QGuardedPtrPrivate

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QGuardedPtrPrivate	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QShared	10242

18.2.14.6 Interfaces for Qt3 Object Model

An LSB conforming implementation shall provide the generic functions for Qt3 Object Model specified in Table 18-259, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-259 libqt-mt - Qt3 Object Model Function Interfaces

_ZN11QMetaObject10metaObjectEPKc [qt-mt]	_ZN11QMetaObject13hasMetaObjectEPKc [qt-mt]
_ZN11QMetaObject14new_metaobjectEPKcPS_PK9QMetaDataiS5_iPK13QMetaPropertyiPK9QMetaEnumiPFbP7QObjectiiP8QVariantEPK10QClassInfoi [qt-mt]	_ZN11QMetaObject14new_metaobjectEPKcPS_PK9QMetaDataiS5_iPK13QMetaPropertyiPK9QMetaEnumiPK10QClassInfoi [qt-mt]
_ZN11QMetaObject18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QMetaObject4initEPK9QMetaDatai [qt-mt]
_ZN11QMetaObjectC1EPKcPS_PK9QMetaDataiS5_iPK13QMetaPropertyiPK9QMetaEnumiPFbP7QObjectiiP8QVariantEPK10QClassInfoi [qt-mt]	_ZN11QMetaObjectC1EPKcPS_PK9QMetaDataiS5_iPK13QMetaPropertyiPK9QMetaEnumiPK10QClassInfoi [qt-mt]
_ZN11QMetaObjectC2EPKcPS_PK9QMetaDataiS5_iPK13QMetaPropert	_ZN11QMetaObjectC2EPKcPS_PK9QMetaDataiS5_iPK13QMetaPropert

 © 2008 Linux Foundation

yiPK9QMetaEnumiPFbP7QObjectiiP8QVariantEPK10QClassInfoi [qt-mt]	yiPK9QMetaEnumiPK10QClassInfoi [qt-mt]
_ZN11QMetaObjectD0Ev [qt-mt]	_ZN11QMetaObjectD1Ev [qt-mt]
_ZN11QMetaObjectD2Ev [qt-mt]	_ZN13QMetaProperty5clearEv [qt-mt]
_ZN15QObjectUserDataD0Ev [qt-mt]	_ZN15QObjectUserDataD1Ev [qt-mt]
_ZN15QObjectUserDataD2Ev [qt-mt]	_ZN18QGuardedPtrPrivate11qt_propertyEiiP8QVariant [qt-mt]
_ZN18QGuardedPtrPrivate15objectDestroyedEv [qt-mt]	_ZN18QGuardedPtrPrivate16staticMetaObjectEv [qt-mt]
_ZN18QGuardedPtrPrivate18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN18QGuardedPtrPrivate2trEPKcS1_ [qt-mt]
ZN18QGuardedPtrPrivate6trUtf8EPKcS1 [qt-mt]	_ZN18QGuardedPtrPrivate7qt_castEPKc [qt-mt]
_ZN18QGuardedPtrPrivate7qt_emitEiP8QUObject [qt-mt]	_ZN18QGuardedPtrPrivate9qt_invokeEiP8QUObject [qt-mt]
_ZN18QGuardedPtrPrivate9reconnectEP7QObject [qt-mt]	_ZN18QGuardedPtrPrivateC1EP7QObject [qt-mt]
_ZN18QGuardedPtrPrivateC2EP7QObject [qt-mt]	_ZN18QGuardedPtrPrivateD0Ev [qt-mt]
_ZN18QGuardedPtrPrivateD1Ev [qt-mt]	_ZN18QGuardedPtrPrivateD2Ev [qt-mt]
_ZN18QMetaObjectCleanUp13setMetaObjectERP11QMetaObject [qt-mt]	_ZN18QMetaObjectCleanUpC1EPKcPFP11QMetaObjectvE [qt-mt]
_ZN18QMetaObjectCleanUpC1Ev [qt-mt]	_ZN18QMetaObjectCleanUpC2EPKcPFP11QMetaObjectvE [qt-mt]
_ZN18QMetaObjectCleanUpC2Ev [qt-mt]	_ZN18QMetaObjectCleanUpD1Ev [qt-mt]
_ZN18QMetaObjectCleanUpD2Ev [qt-mt]	_ZN21QObjectCleanupHandler11qt_propertyEiiP8QVariant [qt-mt]
_ZN21QObjectCleanupHandler15objectDestroyedEP7QObject [qt-mt]	_ZN21QObjectCleanupHandler16staticMetaObjectEv [qt-mt]
_ZN21QObjectCleanupHandler18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN21QObjectCleanupHandler2trEPKcS1_ [qt-mt]
_ZN21QObjectCleanupHandler3addEP7QObject [qt-mt]	_ZN21QObjectCleanupHandler5clearEv [qt-mt]
_ZN21QObjectCleanupHandler6removeEP7QObject [qt-mt]	_ZN21QObjectCleanupHandler6trUtf8EPKcS1_ [qt-mt]
_ZN21QObjectCleanupHandler7qt_castEPKc [qt-mt]	_ZN21QObjectCleanupHandler7qt_emitEiP8QUObject [qt-mt]
_ZN21QObjectCleanupHandler9qt_invokeEiP8QUObject [qt-mt]	_ZN21QObjectCleanupHandlerC1Ev [qt-mt]
_ZN21QObjectCleanupHandlerC2Ev	_ZN21QObjectCleanupHandlerD0E

[qt-mt]	v [qt-mt]
_ZN21QObjectCleanupHandlerD1Ev [qt-mt]	_ZN21QObjectCleanupHandlerD2Ev [qt-mt]
_ZN7QObject10childEventEP11QChildEvent [qt-mt]	_ZN7QObject10disconnectEPKS_PKcS1_S3_ [qt-mt]
_ZN7QObject10killTimersEv [qt-mt]	_ZN7QObject10startTimerEi [qt-mt]
_ZN7QObject10timerEventEP11QTimerEvent [qt-mt]	_ZN7QObject11customEventEP12QCustomEvent [qt-mt]
_ZN7QObject11deleteLaterEv [qt-mt]	_ZN7QObject11eventFilterEPS_P6QEvent [qt-mt]
ZN7QObject11insertChildEPS [qt-mt]	_ZN7QObject11objectTreesEv [qt-mt]
_ZN7QObject11qt_propertyEiiP8QVariant [qt-mt]	_ZN7QObject11removeChildEPS_ [qt-mt]
_ZN7QObject11setPropertyEPKcRK8QVariant [qt-mt]	_ZN7QObject11setUserDataEjP15QObjectUserData [qt-mt]
_ZN7QObject12blockSignalsEb [qt-mt]	_ZN7QObject13connectNotifyEPKc [qt-mt]
_ZN7QObject14dumpObjectInfoEv [qt-mt]	_ZN7QObject14dumpObjectTreeEv [qt-mt]
_ZN7QObject15activate_signalEP15QConnectionListP8QUObject [qt-mt]	_ZN7QObject15activate_signalEi [qt-mt]
_ZN7QObject15activate_signalEi7QString [qt-mt]	_ZN7QObject15activate_signalEid [qt-mt]
_ZN7QObject15activate_signalEii [qt-mt]	_ZN7QObject15connectInternalEPKS_iS1_ii [qt-mt]
_ZN7QObject16activate_filtersEP6QEvent [qt-mt]	_ZN7QObject16checkConnectArgsEPKcPKS_S1_ [qt-mt]
_ZN7QObject16disconnectNotifyEPKc [qt-mt]	_ZN7QObject16registerUserDataEv [qt-mt]
_ZN7QObject16staticMetaObjectEv [qt-mt]	_ZN7QObject17removeEventFilterEPKS_ [qt-mt]
ZN7QObject18cleanupEventFilterEPS [qt-mt]	_ZN7QObject18disconnectInternalEPKS_iS1_ii [qt-mt]
ZN7QObject18installEventFilterEPKS [qt-mt]	_ZN7QObject18qt_static_propertyEPS_iiP8QVariant [qt-mt]
_ZN7QObject18staticQtMetaObjectEv [qt-mt]	_ZN7QObject19normalizeSignalSlotEPKc [qt-mt]
_ZN7QObject20activate_signal_boolEib [qt-mt]	_ZN7QObject2trEPKcS1_ [qt-mt]
_ZN7QObject5childEPKcS1_b [qt-mt]	_ZN7QObject5eventEP6QEvent [qt-mt]
_ZN7QObject6senderEv [qt-mt]	_ZN7QObject6trUtf8EPKcS1_ [qt-mt]
_ZN7QObject7connectEPKS_PKcS1_	_ZN7QObject7qt_castEPKc [qt-mt]

 © 2008 Linux Foundation

S3_ [qt-mt]	
_ZN7QObject7qt_emitEiP8QUObject [qt-mt]	_ZN7QObject7setNameEPKc [qt-mt]
ZN7QObject9destroyedEPS [qt-mt]	_ZN7QObject9destroyedEv [qt-mt]
_ZN7QObject9killTimerEi [qt-mt]	_ZN7QObject9qt_invokeEiP8QUObject [qt-mt]
_ZN7QObjectC1EPS_PKc [qt-mt]	_ZN7QObjectC2EPS_PKc [qt-mt]
_ZN7QObjectD0Ev [qt-mt]	_ZN7QObjectD1Ev [qt-mt]
_ZN7QObjectD2Ev [qt-mt]	_ZN8QVariant10asBitArrayEv [qt-mt]
_ZN8QVariant10asDateTimeEv [qt-mt]	_ZN8QVariant10asLongLongEv [qt-mt]
_ZN8QVariant10nameToTypeEPKc [qt-mt]	_ZN8QVariant10typeToNameENS_4TypeE [qt-mt]
_ZN8QVariant11asByteArrayEv [qt-mt]	_ZN8QVariant11asULongLongEv [qt-mt]
_ZN8QVariant12asColorGroupEv [qt-mt]	_ZN8QVariant12asPointArrayEv [qt-mt]
_ZN8QVariant12asSizePolicyEv [qt-mt]	_ZN8QVariant12asStringListEv [qt-mt]
_ZN8QVariant13asKeySequenceEv [qt-mt]	_ZN8QVariant4castENS_4TypeE [qt-mt]
_ZN8QVariant4loadER11QDataStream [qt-mt]	_ZN8QVariant5asIntEv [qt-mt]
_ZN8QVariant5asMapEv [qt-mt]	_ZN8QVariant5asPenEv [qt-mt]
_ZN8QVariant5clearEv [qt-mt]	_ZN8QVariant6asBoolEv [qt-mt]
_ZN8QVariant6asDateEv [qt-mt]	_ZN8QVariant6asFontEv [qt-mt]
_ZN8QVariant6asListEv [qt-mt]	_ZN8QVariant6asRectEv [qt-mt]
_ZN8QVariant6asSizeEv [qt-mt]	_ZN8QVariant6asTimeEv [qt-mt]
_ZN8QVariant6asUIntEv [qt-mt]	_ZN8QVariant6detachEv [qt-mt]
_ZN8QVariant7asBrushEv [qt-mt]	_ZN8QVariant7asColorEv [qt-mt]
_ZN8QVariant7asImageEv [qt-mt]	_ZN8QVariant7asPointEv [qt-mt]
_ZN8QVariant8asBitmapEv [qt-mt]	_ZN8QVariant8asCursorEv [qt-mt]
_ZN8QVariant8asDoubleEv [qt-mt]	_ZN8QVariant8asPixmapEv [qt-mt]
_ZN8QVariant8asRegionEv [qt-mt]	_ZN8QVariant8asStringEv [qt-mt]
_ZN8QVariant9asCStringEv [qt-mt]	_ZN8QVariant9asIconSetEv [qt-mt]
_ZN8QVariant9asPaletteEv [qt-mt]	_ZN8QVariant9rawAccessEPvNS_4TypeEb [qt-mt]
_ZN8QVariantC1E11QSizePolicy [qt-mt]	_ZN8QVariantC1EPKc [qt-mt]
_ZN8QVariantC1ER11QDataStream [qt-mt]	_ZN8QVariantC1ERK10QValueListIS_E [qt-mt]

_ZN8QVariantC1ERK11QColorGroup [qt-mt]	_ZN8QVariantC1ERK11QPointArray [qt-mt]
_ZN8QVariantC1ERK11QStringList [qt-mt]	_ZN8QVariantC1ERK12QKeySequence [qt-mt]
_ZN8QVariantC1ERK4QMapI7QStringS_E [qt-mt]	_ZN8QVariantC1ERK4QPen [qt-mt]
_ZN8QVariantC1ERK5QDate [qt-mt]	_ZN8QVariantC1ERK5QFont [qt-mt]
_ZN8QVariantC1ERK5QRect [qt-mt]	_ZN8QVariantC1ERK5QSize [qt-mt]
_ZN8QVariantC1ERK5QTime [qt-mt]	_ZN8QVariantC1ERK6QBrush [qt-mt]
_ZN8QVariantC1ERK6QColor [qt-mt]	_ZN8QVariantC1ERK6QImage [qt-mt]
_ZN8QVariantC1ERK6QPoint [qt-mt]	_ZN8QVariantC1ERK7QBitmap [qt-mt]
_ZN8QVariantC1ERK7QCursor [qt-mt]	_ZN8QVariantC1ERK7QPixmap [qt-mt]
_ZN8QVariantC1ERK7QRegion [qt-mt]	_ZN8QVariantC1ERK7QString [qt-mt]
_ZN8QVariantC1ERK8QCString [qt-mt]	_ZN8QVariantC1ERK8QIconSet [qt-mt]
_ZN8QVariantC1ERK8QPalette [qt-mt]	_ZN8QVariantC1ERK9QBitArray [qt-mt]
_ZN8QVariantC1ERK9QDateTime [qt-mt]	_ZN8QVariantC1ERK9QMemArrayIcE [qt-mt]
ZN8QVariantC1ERKS [qt-mt]	_ZN8QVariantC1Ebi [qt-mt]
_ZN8QVariantC1Ed [qt-mt]	_ZN8QVariantC1Ei [qt-mt]
_ZN8QVariantC1Ej [qt-mt]	_ZN8QVariantC1Ev [qt-mt]
_ZN8QVariantC1Ex [qt-mt]	_ZN8QVariantC1Ey [qt-mt]
_ZN8QVariantC2E11QSizePolicy [qt-mt]	_ZN8QVariantC2EPKc [qt-mt]
_ZN8QVariantC2ER11QDataStream [qt-mt]	_ZN8QVariantC2ERK10QValueListIS_E [qt-mt]
_ZN8QVariantC2ERK11QColorGroup [qt-mt]	_ZN8QVariantC2ERK11QPointArray [qt-mt]
_ZN8QVariantC2ERK11QStringList [qt-mt]	_ZN8QVariantC2ERK12QKeySequence [qt-mt]
_ZN8QVariantC2ERK4QMapI7QStringS_E [qt-mt]	_ZN8QVariantC2ERK4QPen [qt-mt]
_ZN8QVariantC2ERK5QDate [qt-mt]	_ZN8QVariantC2ERK5QFont [qt-mt]
_ZN8QVariantC2ERK5QRect [qt-mt]	_ZN8QVariantC2ERK5QSize [qt-mt]
_ZN8QVariantC2ERK5QTime [qt-mt]	_ZN8QVariantC2ERK6QBrush [qt-mt]
_ZN8QVariantC2ERK6QColor [qt-	_ZN8QVariantC2ERK6QImage [qt-

 © 2008 Linux Foundation

mt]	mt]
_ZN8QVariantC2ERK6QPoint [qt-mt]	_ZN8QVariantC2ERK7QBitmap [qt-mt]
_ZN8QVariantC2ERK7QCursor [qt-mt]	_ZN8QVariantC2ERK7QPixmap [qt-mt]
_ZN8QVariantC2ERK7QRegion [qt-mt]	_ZN8QVariantC2ERK7QString [qt-mt]
_ZN8QVariantC2ERK8QCString [qt-mt]	_ZN8QVariantC2ERK8QIconSet [qt-mt]
_ZN8QVariantC2ERK8QPalette [qt-mt]	_ZN8QVariantC2ERK9QBitArray [qt-mt]
_ZN8QVariantC2ERK9QDateTime [qt-mt]	_ZN8QVariantC2ERK9QMemArrayIcE [qt-mt]
ZN8QVariantC2ERKS [qt-mt]	_ZN8QVariantC2Ebi [qt-mt]
_ZN8QVariantC2Ed [qt-mt]	_ZN8QVariantC2Ei [qt-mt]
_ZN8QVariantC2Ej [qt-mt]	_ZN8QVariantC2Ev [qt-mt]
_ZN8QVariantC2Ex [qt-mt]	_ZN8QVariantC2Ey [qt-mt]
_ZN8QVariantD1Ev [qt-mt]	_ZN8QVariantD2Ev [qt-mt]
ZN8QVariantaSERKS [qt-mt]	_ZNK11QMetaObject10enumeratorEPKcb [qt-mt]
_ZNK11QMetaObject10findSignalEPKcb [qt-mt]	_ZNK11QMetaObject10numSignalsEb [qt-mt]
_ZNK11QMetaObject11signalNamesEb [qt-mt]	_ZNK11QMetaObject12findPropertyEPKcb [qt-mt]
_ZNK11QMetaObject12numClassInfoEb [qt-mt]	_ZNK11QMetaObject13numPropertiesEb [qt-mt]
_ZNK11QMetaObject13propertyNamesEb [qt-mt]	_ZNK11QMetaObject14numEnumeratorsEb [qt-mt]
_ZNK11QMetaObject15enumeratorNamesEb [qt-mt]	_ZNK11QMetaObject15indexOfPropertyEPK13QMetaPropertyb [qt-mt]
_ZNK11QMetaObject15resolvePropertyEPK13QMetaProperty [qt-mt]	_ZNK11QMetaObject15resolvePropertyEi [qt-mt]
_ZNK11QMetaObject4slotEib [qt-mt]	_ZNK11QMetaObject6signalEib [qt-mt]
_ZNK11QMetaObject8findSlotEPKcb [qt-mt]	_ZNK11QMetaObject8inheritsEPKc [qt-mt]
_ZNK11QMetaObject8numSlotsEb [qt-mt]	_ZNK11QMetaObject8propertyEib [qt-mt]
_ZNK11QMetaObject9classInfoEPKcb [qt-mt]	_ZNK11QMetaObject9classInfoEib [qt-mt]
_ZNK11QMetaObject9slotNamesEb [qt-mt]	_ZNK13QMetaProperty10designableEP7QObject [qt-mt]
_ZNK13QMetaProperty10isEnumTypeEv [qt-mt]	_ZNK13QMetaProperty10keyToValueEPKc [qt-mt]
_ZNK13QMetaProperty10scriptable	_ZNK13QMetaProperty10valueToKe

EP7QObject [qt-mt]	yEi [qt-mt]
_ZNK13QMetaProperty11keysToValueERK8QStrList [qt-mt]	_ZNK13QMetaProperty11valueToKeysEi [qt-mt]
_ZNK13QMetaProperty2idEv [qt-mt]	_ZNK13QMetaProperty5resetEP7QObject [qt-mt]
_ZNK13QMetaProperty6stdSetEv [qt-mt]	_ZNK13QMetaProperty6storedEP7QObject [qt-mt]
_ZNK13QMetaProperty7isValidEv [qt-mt]	_ZNK13QMetaProperty8enumKeysEv [qt-mt]
_ZNK13QMetaProperty8writableEv [qt-mt]	_ZNK13QMetaProperty9isSetTypeEv [qt-mt]
_ZNK18QGuardedPtrPrivate9classNameEv [qt-mt]	_ZNK21QObjectCleanupHandler7isEmptyEv [qt-mt]
_ZNK21QObjectCleanupHandler9classNameEv [qt-mt]	_ZNK7QObject3isAEPKc [qt-mt]
_ZNK7QObject4nameEPKc [qt-mt]	_ZNK7QObject4nameEv [qt-mt]
_ZNK7QObject8inheritsEPKc [qt-mt]	_ZNK7QObject8propertyEPKc [qt-mt]
_ZNK7QObject8userDataEj [qt-mt]	_ZNK7QObject9classNameEv [qt-mt]
_ZNK7QObject9queryListEPKcS1_bb [qt-mt]	_ZNK7QObject9receiversEPKc [qt-mt]
_ZNK7QObject9receiversEi [qt-mt]	_ZNK8QVariant10toBitArrayEv [qt-mt]
_ZNK8QVariant10toDateTimeEv [qt-mt]	_ZNK8QVariant10toLongLongEPb [qt-mt]
_ZNK8QVariant11toByteArrayEv [qt-mt]	_ZNK8QVariant11toULongLongEPb [qt-mt]
_ZNK8QVariant12toColorGroupEv [qt-mt]	_ZNK8QVariant12toPointArrayEv [qt-mt]
_ZNK8QVariant12toSizePolicyEv [qt-mt]	_ZNK8QVariant12toStringListEv [qt-mt]
_ZNK8QVariant13toKeySequenceEv [qt-mt]	_ZNK8QVariant4saveER11QDataStream [qt-mt]
_ZNK8QVariant5toIntEPb [qt-mt]	_ZNK8QVariant5toMapEv [qt-mt]
_ZNK8QVariant5toPenEv [qt-mt]	_ZNK8QVariant6isNullEv [qt-mt]
_ZNK8QVariant6toBoolEv [qt-mt]	_ZNK8QVariant6toDateEv [qt-mt]
_ZNK8QVariant6toFontEv [qt-mt]	_ZNK8QVariant6toListEv [qt-mt]
_ZNK8QVariant6toRectEv [qt-mt]	_ZNK8QVariant6toSizeEv [qt-mt]
_ZNK8QVariant6toTimeEv [qt-mt]	_ZNK8QVariant6toUIntEPb [qt-mt]
_ZNK8QVariant7canCastENS_4TypeE [qt-mt]	_ZNK8QVariant7toBrushEv [qt-mt]
_ZNK8QVariant7toColorEv [qt-mt]	_ZNK8QVariant7toImageEv [qt-mt]
_ZNK8QVariant7toPointEv [qt-mt]	_ZNK8QVariant8toBitmapEv [qt-mt]

© 2008 Linux Foundation

_ZNK8QVariant8toCursorEv [qt-mt]	_ZNK8QVariant8toDoubleEPb [qt-mt]
_ZNK8QVariant8toPixmapEv [qt-mt]	_ZNK8QVariant8toRegionEv [qt-mt]
_ZNK8QVariant8toStringEv [qt-mt]	_ZNK8QVariant8typeNameEv [qt-mt]
_ZNK8QVariant9toCStringEv [qt-mt]	_ZNK8QVariant9toIconSetEv [qt-mt]
_ZNK8QVariant9toPaletteEv [qt-mt]	_ZNK8QVarianteqERKS_ [qt-mt]
ZNK8QVariantneERKS [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Object Model specified in Table 18-260, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-260 libqt-mt - Qt3 Object Model Data Interfaces

_ZN18QGuardedPtrPrivate7metaObjE [qt-mt]	_ZN21QObjectCleanupHandler7metaObjE [qt-mt]
_ZN7QObject7metaObjE [qt-mt]	_ZTI11QMetaObject [CXXABI]
_ZTI15QObjectUserData [CXXABI]	_ZTI18QGuardedPtrPrivate [CXXABI]
_ZTI21QObjectCleanupHandler [CXXABI]	_ZTI7QObject [CXXABI]
_ZTV11QMetaObject [CXXABI]	_ZTV15QObjectUserData [CXXABI]
_ZTV18QGuardedPtrPrivate [CXXABI]	_ZTV21QObjectCleanupHandler [CXXABI]
_ZTV7QObject [CXXABI]	

18.2.15 Qt3 OpenGL

18.2.15.1 Interfaces for Qt3 OpenGL

An LSB conforming implementation shall provide the generic functions for Qt3 OpenGL specified in Table 18-261, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-261 libqt-mt - Qt3 OpenGL Function Interfaces

_ZN10QGLContext11doneCurrentEv [qt-mt]	_ZN10QGLContext11makeCurrentEv [qt-mt]
_ZN10QGLContext12chooseVisualEv [qt-mt]	_ZN10QGLContext13chooseContextEPKS_ [qt-mt]
_ZN10QGLContext24generateFontDisplayListsERK5QFonti [qt-mt]	_ZN10QGLContext4initEP12QPaintDevice [qt-mt]
_ZN10QGLContext5resetEv [qt-mt]	_ZN10QGLContext6createEPKS_ [qt-mt]
_ZN10QGLContext9setDeviceEP12QPaintDevice [qt-mt]	_ZN10QGLContext9setFormatERK9QGLFormat [qt-mt]
_ZN10QGLContext9tryVisualERK9	_ZN10QGLContextC1ERK9QGLFor

QGLFormati [qt-mt]	mat [qt-mt]
_ZN10QGLContextC1ERK9QGLFormatP12QPaintDevice [qt-mt]	_ZN10QGLContextC2ERK9QGLFormat [qt-mt]
_ZN10QGLContextC2ERK9QGLFormatP12QPaintDevice [qt-mt]	_ZN10QGLContextD0Ev [qt-mt]
_ZN10QGLContextD1Ev [qt-mt]	_ZN10QGLContextD2Ev [qt-mt]
_ZN11QGLColormap10setEntriesEiPKji [qt-mt]	_ZN11QGLColormap6detachEv [qt-mt]
_ZN11QGLColormap8setEntryEiRK6QColor [qt-mt]	_ZN11QGLColormap8setEntryEij [qt-mt]
ZN11QGLColormapC1ERKS [qt-mt]	_ZN11QGLColormapC1Ev [qt-mt]
ZN11QGLColormapC2ERKS [qt-mt]	_ZN11QGLColormapC2Ev [qt-mt]
_ZN11QGLColormapD1Ev [qt-mt]	_ZN11QGLColormapD2Ev [qt-mt]
ZN11QGLColormapaSERKS [qt-mt]	_ZN9QGLFormat10setOverlayEb [qt-mt]
_ZN9QGLFormat10setStencilEb [qt-mt]	_ZN9QGLFormat13defaultFormatEv [qt-mt]
_ZN9QGLFormat15setDoubleBufferEb [qt-mt]	_ZN9QGLFormat16setDefaultFormatERKS_ [qt-mt]
_ZN9QGLFormat17hasOpenGLOverlaysEv [qt-mt]	_ZN9QGLFormat18setDirectRenderingEb [qt-mt]
_ZN9QGLFormat20defaultOverlayFormatEv [qt-mt]	_ZN9QGLFormat23setDefaultOverlayFormatERKS_ [qt-mt]
_ZN9QGLFormat7setRgbaEb [qt-mt]	_ZN9QGLFormat8setAccumEb [qt-mt]
_ZN9QGLFormat8setAlphaEb [qt-mt]	_ZN9QGLFormat8setDepthEb [qt-mt]
_ZN9QGLFormat8setPlaneEi [qt-mt]	_ZN9QGLFormat9hasOpenGLEv [qt-mt]
_ZN9QGLFormat9setOptionEN3QGL12FormatOptionE [qt-mt]	_ZN9QGLFormat9setStereoEb [qt-mt]
_ZN9QGLFormatC1Eii [qt-mt]	_ZN9QGLFormatC1Ev [qt-mt]
_ZN9QGLFormatC2Eii [qt-mt]	_ZN9QGLFormatC2Ev [qt-mt]
_ZN9QGLWidget10paintEventEP11QPaintEvent [qt-mt]	_ZN9QGLWidget10renderCxPmEP7QPixmap [qt-mt]
_ZN9QGLWidget10renderTextEdddRK7QStringRK5QFonti [qt-mt]	_ZN9QGLWidget10renderTextEiiRK7QStringRK5QFonti [qt-mt]
_ZN9QGLWidget10setContextEP10QGLContextPKS0_b [qt-mt]	_ZN9QGLWidget11doneCurrentEv [qt-mt]
_ZN9QGLWidget11makeCurrentEv [qt-mt]	_ZN9QGLWidget11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QGLWidget11resizeEventEP12QResizeEvent [qt-mt]	_ZN9QGLWidget11setColormapERK11QGLColormap [qt-mt]

 © 2008 Linux Foundation

_ZN9QGLWidget11swapBuffersEv [qt-mt]	_ZN9QGLWidget12initializeGLEv [qt-mt]
_ZN9QGLWidget12renderPixmapEiib [qt-mt]	_ZN9QGLWidget14paintOverlayGLEv [qt-mt]
_ZN9QGLWidget15displayListBaseERK5QFonti [qt-mt]	_ZN9QGLWidget15grabFrameBufferEb [qt-mt]
_ZN9QGLWidget15resizeOverlayGLEii [qt-mt]	_ZN9QGLWidget15updateOverlayGLEv [qt-mt]
_ZN9QGLWidget16cleanupColormapsEv [qt-mt]	_ZN9QGLWidget16setMouseTrackingEb [qt-mt]
_ZN9QGLWidget16staticMetaObjectEv [qt-mt]	_ZN9QGLWidget17convertToGLFormatERK6QImage [qt-mt]
_ZN9QGLWidget18makeOverlayCurrentEv [qt-mt]	_ZN9QGLWidget18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN9QGLWidget19initializeOverlayGLEv [qt-mt]	_ZN9QGLWidget24macInternalFixBufferRectEv [qt-mt]
ZN9QGLWidget2trEPKcS1 [qt-mt]	_ZN9QGLWidget4initEP10QGLContextPKS_ [qt-mt]
_ZN9QGLWidget6glDrawEv [qt-mt]	_ZN9QGLWidget6glInitEv [qt-mt]
ZN9QGLWidget6trUtf8EPKcS1 [qt-mt]	_ZN9QGLWidget7paintGLEv [qt-mt]
_ZN9QGLWidget7qt_castEPKc [qt-mt]	_ZN9QGLWidget7qt_emitEiP8QUObject [qt-mt]
_ZN9QGLWidget8reparentEP7QWidgetjRK6QPointb [qt-mt]	_ZN9QGLWidget8resizeGLEii [qt-mt]
_ZN9QGLWidget8updateGLEv [qt-mt]	_ZN9QGLWidget9qt_invokeEiP8QUObject [qt-mt]
_ZN9QGLWidget9setFormatERK9QGLFormat [qt-mt]	_ZN9QGLWidgetC1EP10QGLContextP7QWidgetPKcPKS_j [qt-mt]
_ZN9QGLWidgetC1EP7QWidgetPKcPKS_j [qt-mt]	_ZN9QGLWidgetC1ERK9QGLFormatP7QWidgetPKcPKS_j [qt-mt]
_ZN9QGLWidgetC2EP10QGLContextP7QWidgetPKcPKS_j [qt-mt]	_ZN9QGLWidgetC2EP7QWidgetPKcPKS_j [qt-mt]
_ZN9QGLWidgetC2ERK9QGLFormatP7QWidgetPKcPKS_j [qt-mt]	_ZN9QGLWidgetD0Ev [qt-mt]
_ZN9QGLWidgetD1Ev [qt-mt]	_ZN9QGLWidgetD2Ev [qt-mt]
_ZNK10QGLContext10colorIndexERK6QColor [qt-mt]	_ZNK10QGLContext11swapBuffersEv [qt-mt]
_ZNK10QGLContext23overlayTransparentColorEv [qt-mt]	_ZNK11QGLColormap10entryColorEi [qt-mt]
_ZNK11QGLColormap11findNearestEj [qt-mt]	_ZNK11QGLColormap4findEj [qt-mt]
_ZNK11QGLColormap4sizeEv [qt-mt]	_ZNK11QGLColormap7isEmptyEv [qt-mt]
_ZNK11QGLColormap8entryRgbEi	_ZNK9QGLFormat10testOptionEN3

[qt-mt]	QGL12FormatOptionE [qt-mt]
_ZNK9QGLFormat5planeEv [qt-mt]	_ZNK9QGLWidget13qglClearColor ERK6QColor [qt-mt]
_ZNK9QGLWidget14overlayContext Ev [qt-mt]	_ZNK9QGLWidget7isValidEv [qt-mt]
_ZNK9QGLWidget8colormapEv [qt-mt]	_ZNK9QGLWidget8qglColorERK6Q Color [qt-mt]
_ZNK9QGLWidget9classNameEv [qt-mt]	_ZNK9QGLWidget9isSharingEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 OpenGL specified in Table 18-262, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-262 libqt-mt - Qt3 OpenGL Data Interfaces

_ZN10QGLContext10currentCtxE [qt-mt]	_ZN9QGLWidget7metaObjE [qt-mt]
_ZTI10QGLContext [CXXABI]	_ZTI3QGL [CXXABI]
_ZTI9QGLWidget [CXXABI]	_ZTV10QGLContext [CXXABI]
_ZTV9QGLWidget [CXXABI]	

18.2.16 Qt3 Paint Device

18.2.16.1 Class data for QPaintDevice

The virtual table for the QPaintDevice class is described by Table 18-263

Table 18-263 Primary vtable for QPaintDevice

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPaintDevice
vfunc[0]:	QPaintDevice::~QPaintDevice()
vfunc[1]:	QPaintDevice::~QPaintDevice()
vfunc[2]:	QPaintDevice::setResolution(int)
vfunc[3]:	QPaintDevice::resolution() const
vfunc[4]:	QPaintDevice::handle() const
vfunc[5]:	QPaintDevice::x11RenderHandle() const
vfunc[6]:	QPaintDevice::setX11Data(QPaintDeviceX11Data const*)
vfunc[7]:	QPaintDevice::cmd(int, QPainter*, QPDevCmdParam*)
vfunc[8]:	QPaintDevice::metric(int) const
vfunc[9]:	QPaintDevice::fontMet(QFont*, int, char const*, int) const
vfunc[10]:	QPaintDevice::fontInf(QFont*, int)

 © 2008 Linux Foundation

	const

The Run Time Type Information for the QPaintDevice class is described by Table 18-264

Table 18-264 typeinfo for QPaintDevice

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QPaintDevice

18.2.16.2 Class data for QBitmap

The virtual table for the QBitmap class is described by Table 18-265

Table 18-265 Primary vtable for QBitmap

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QBitmap
vfunc[0]:	NULL or QBitmap::~QBitmap()
vfunc[1]:	NULL or QBitmap::~QBitmap()
vfunc[2]:	QPaintDevice::setResolution(int)
vfunc[3]:	QPaintDevice::resolution() const
vfunc[4]:	QPaintDevice::handle() const
vfunc[5]:	QPaintDevice::x11RenderHandle() const
vfunc[6]:	QPaintDevice::setX11Data(QPaintDeviceX11Data const*)
vfunc[7]:	QPaintDevice::cmd(int, QPainter*, QPDevCmdParam*)
vfunc[8]:	QPixmap::metric(int) const
vfunc[9]:	QPaintDevice::fontMet(QFont*, int, char const*, int) const
vfunc[10]:	QPaintDevice::fontInf(QFont*, int) const
vfunc[11]:	QPixmap::detach()

The Run Time Type Information for the QBitmap class is described by Table 18-266

Table 18-266 typeinfo for QBitmap

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QBitmap
basetype:	typeinfo for QPixmap

18.2.16.3 Class data for QPicture

The virtual table for the QPicture class is described by Table 18-267

Table 18-267 Primary vtable for QPicture

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPicture
vfunc[0]:	QPicture::~QPicture()
vfunc[1]:	QPicture::~QPicture()
vfunc[2]:	QPaintDevice::setResolution(int)
vfunc[3]:	QPaintDevice::resolution() const
vfunc[4]:	QPaintDevice::handle() const
vfunc[5]:	QPaintDevice::x11RenderHandle() const
vfunc[6]:	QPaintDevice::setX11Data(QPaintDeviceX11Data const*)
vfunc[7]:	QPicture::cmd(int, QPainter*, QPDevCmdParam*)
vfunc[8]:	QPicture::metric(int) const
vfunc[9]:	QPaintDevice::fontMet(QFont*, int, char const*, int) const
vfunc[10]:	QPaintDevice::fontInf(QFont*, int) const
vfunc[11]:	QPicture::setData(char const*, unsigned int)

The Run Time Type Information for the QPicture class is described by Table 18-268

Table 18-268 typeinfo for QPicture

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPicture
basetype:	typeinfo for QPaintDevice

18.2.16.4 Class data for QPixmap

The virtual table for the QPixmap class is described by Table 18-269

Table 18-269 Primary vtable for QPixmap

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPixmap
vfunc[0]:	QPixmap::~QPixmap()
vfunc[1]:	QPixmap::~QPixmap()
vfunc[2]:	QPaintDevice::setResolution(int)
vfunc[3]:	QPaintDevice::resolution() const
vfunc[4]:	QPaintDevice::handle() const

 © 2008 Linux Foundation

vfunc[5]:	QPaintDevice::x11RenderHandle() const
vfunc[6]:	QPaintDevice::setX11Data(QPaintDeviceX11Data const*)
vfunc[7]:	QPaintDevice::cmd(int, QPainter*, QPDevCmdParam*)
vfunc[8]:	QPixmap::metric(int) const
vfunc[9]:	QPaintDevice::fontMet(QFont*, int, char const*, int) const
vfunc[10]:	QPaintDevice::fontInf(QFont*, int) const
vfunc[11]:	QPixmap::detach()

The Run Time Type Information for the QPixmap class is described by Table 18-270

Table 18-270 typeinfo for QPixmap

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QPixmap	
flags:	0	
basetype:	typeinfo for QPaintDevice	2
basetype:	typeinfo for Qt	2

18.2.16.5 Class data for QPrinter

The virtual table for the QPrinter class is described by Table 18-271

Table 18-271 Primary vtable for QPrinter

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPrinter
vfunc[0]:	QPrinter::~QPrinter()
vfunc[1]:	QPrinter::~QPrinter()
vfunc[2]:	QPrinter::setResolution(int)
vfunc[3]:	QPrinter::resolution() const
vfunc[4]:	QPaintDevice::handle() const
vfunc[5]:	QPaintDevice::x11RenderHandle() const
vfunc[6]:	QPaintDevice::setX11Data(QPaintDeviceX11Data const*)
vfunc[7]:	QPrinter::cmd(int, QPainter*, QPDevCmdParam*)

vfunc[8]:	QPrinter::metric(int) const
vfunc[9]:	QPaintDevice::fontMet(QFont*, int, char const*, int) const
vfunc[10]:	QPaintDevice::fontInf(QFont*, int) const
vfunc[11]:	QPrinter::setPrinterName(QString const&)
vfunc[12]:	QPrinter::setOutputToFile(bool)
vfunc[13]:	QPrinter::setOutputFileName(QString const&)
vfunc[14]:	QPrinter::setPrintProgram(QString const&)
vfunc[15]:	QPrinter::setPrinterSelectionOption(QString const&)
vfunc[16]:	QPrinter::setDocName(QString const&)
vfunc[17]:	QPrinter::setCreator(QString const&)
vfunc[18]:	QPrinter::setOrientation(QPrinter::Orientation)
vfunc[19]:	QPrinter::setPageSize(QPrinter::PageSize)
vfunc[20]:	QPrinter::setPageOrder(QPrinter::PageOrder)
vfunc[21]:	QPrinter::setColorMode(QPrinter::ColorMode)
vfunc[22]:	QPrinter::setFullPage(bool)
vfunc[23]:	QPrinter::setFromTo(int, int)
vfunc[24]:	QPrinter::setMinMax(int, int)
vfunc[25]:	QPrinter::setNumCopies(int)
vfunc[26]:	QPrinter::setPaperSource(QPrinter::PaperSource)

The Run Time Type Information for the QPrinter class is described by Table 18-272

Table 18-272 typeinfo for QPrinter

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPrinter
basetype:	typeinfo for QPaintDevice

18.2.16.6 Interfaces for Qt3 Paint Device

An LSB conforming implementation shall provide the generic functions for Qt3 Paint Device specified in Table 18-273, with the full mandatory functionality as described in the referenced underlying specification.

 © 2008 Linux Foundation

Table 18-273 libqt-mt - Qt3 Paint Device Function Interfaces

_ZN12QPaintDevice10setX11DataEPK19QPaintDeviceX11Data [qt-mt]	_ZN12QPaintDevice10x11AppDpiXEi [qt-mt]
_ZN12QPaintDevice10x11AppDpiXEv [qt-mt]	_ZN12QPaintDevice10x11AppDpiYEi [qt-mt]
_ZN12QPaintDevice10x11AppDpiYEv [qt-mt]	_ZN12QPaintDevice11copyX11DataEPKS_ [qt-mt]
ZN12QPaintDevice12cloneX11DataEPKS [qt-mt]	_ZN12QPaintDevice13setResolutionEi [qt-mt]
_ZN12QPaintDevice13x11SetAppDpiXEi [qt-mt]	_ZN12QPaintDevice13x11SetAppDpiXEii [qt-mt]
_ZN12QPaintDevice13x11SetAppDpiYEi [qt-mt]	_ZN12QPaintDevice13x11SetAppDpiYEii [qt-mt]
_ZN12QPaintDevice3cmdEiP8QPainterP13QPDevCmdParam [qt-mt]	_ZN12QPaintDeviceC1Ej [qt-mt]
_ZN12QPaintDeviceC2Ej [qt-mt]	_ZN12QPaintDeviceD0Ev [qt-mt]
_ZN12QPaintDeviceD1Ev [qt-mt]	_ZN12QPaintDeviceD2Ev [qt-mt]
_ZN12QPixmapCache10cacheLimitEv [qt-mt]	_ZN12QPixmapCache13setCacheLimitEi [qt-mt]
_ZN12QPixmapCache4findERK7QString [qt-mt]	_ZN12QPixmapCache4findERK7QStringR7QPixmap [qt-mt]
_ZN12QPixmapCache5clearEv [qt-mt]	_ZN12QPixmapCache6insertERK7QStringP7QPixmap [qt-mt]
_ZN12QPixmapCache6insertERK7QStringRK7QPixmap [qt-mt]	_ZN12QPixmapCache6removeERK7QString [qt-mt]
_ZN19QPaintDeviceMetricsC1EPK12QPaintDevice [qt-mt]	_ZN19QPaintDeviceMetricsC2EPK12QPaintDevice [qt-mt]
_ZN7QBitmapC1ERK5QSizePKhb [qt-mt]	_ZN7QBitmapC1ERK5QSizebN7QPixmap12OptimizationE [qt-mt]
_ZN7QBitmapC1ERK7QStringPKc [qt-mt]	_ZN7QBitmapC1ERKS_ [qt-mt]
_ZN7QBitmapC1EiiPKhb [qt-mt]	_ZN7QBitmapC1EiibN7QPixmap12OptimizationE [qt-mt]
_ZN7QBitmapC1Ev [qt-mt]	_ZN7QBitmapC2ERK5QSizePKhb [qt-mt]
_ZN7QBitmapC2ERK5QSizebN7QPixmap12OptimizationE [qt-mt]	_ZN7QBitmapC2ERK7QStringPKc [qt-mt]
ZN7QBitmapC2ERKS [qt-mt]	_ZN7QBitmapC2EiiPKhb [qt-mt]
_ZN7QBitmapC2EiibN7QPixmap12OptimizationE [qt-mt]	_ZN7QBitmapC2Ev [qt-mt]
_ZN7QBitmapaSERK6QImage [qt-mt]	_ZN7QBitmapaSERK7QPixmap [qt-mt]
ZN7QBitmapaSERKS [qt-mt]	_ZN7QPixmap10grabWidgetEP7QWidgetiiii [qt-mt]
_ZN7QPixmap10grabWindowEmiiii	_ZN7QPixmap10trueMatrixERK8Q

[qt-mt]	WMatrixii [qt-mt]
_ZN7QPixmap11imageFormatERK7QString [qt-mt]	_ZN7QPixmap12defaultDepthEv [qt-mt]
_ZN7QPixmap12loadFromDataEPKhjPKcNS_9ColorModeE [qt-mt]	_ZN7QPixmap12loadFromDataEPKhjPKci [qt-mt]
_ZN7QPixmap12loadFromDataERK9QMemArrayIcEPKci [qt-mt]	_ZN7QPixmap12x11SetScreenEi [qt-mt]
_ZN7QPixmap14fromMimeSourceERK7QString [qt-mt]	_ZN7QPixmap15setOptimizationENS_12OptimizationE [qt-mt]
_ZN7QPixmap16convertFromImageERK6QImageNS_9ColorModeE [qt-mt]	_ZN7QPixmap16convertFromImageERK6QImagei [qt-mt]
_ZN7QPixmap19defaultOptimizationEv [qt-mt]	_ZN7QPixmap19x11SetDefaultScreenEi [qt-mt]
_ZN7QPixmap22setDefaultOptimizationENS_12OptimizationE [qt-mt]	_ZN7QPixmap4fillEPK7QWidgetii [qt-mt]
_ZN7QPixmap4fillERK6QColor [qt-mt]	_ZN7QPixmap4initEiiibNS_12OptimizationE [qt-mt]
_ZN7QPixmap4loadERK7QStringPKcNS_9ColorModeE [qt-mt]	_ZN7QPixmap4loadERK7QStringPKci [qt-mt]
_ZN7QPixmap5derefEv [qt-mt]	_ZN7QPixmap6detachEv [qt-mt]
_ZN7QPixmap6resizeEii [qt-mt]	_ZN7QPixmap7setMaskERK7QBitmap [qt-mt]
_ZN7QPixmapC1EPPKc [qt-mt]	_ZN7QPixmapC1ERK5QSizeiNS_12OptimizationE [qt-mt]
_ZN7QPixmapC1ERK6QImage [qt-mt]	_ZN7QPixmapC1ERK7QStringPKcNS_9ColorModeE [qt-mt]
_ZN7QPixmapC1ERK7QStringPKci [qt-mt]	_ZN7QPixmapC1ERK9QMemArrayIcE [qt-mt]
ZN7QPixmapC1ERKS [qt-mt]	_ZN7QPixmapC1EiiPKhb [qt-mt]
_ZN7QPixmapC1EiiiNS_12OptimizationE [qt-mt]	_ZN7QPixmapC1EiiibNS_12OptimizationE [qt-mt]
_ZN7QPixmapC1Ev [qt-mt]	_ZN7QPixmapC2EPPKc [qt-mt]
_ZN7QPixmapC2ERK5QSizeiNS_12OptimizationE [qt-mt]	_ZN7QPixmapC2ERK6QImage [qt-mt]
_ZN7QPixmapC2ERK7QStringPKcNS_9ColorModeE [qt-mt]	_ZN7QPixmapC2ERK7QStringPKci [qt-mt]
_ZN7QPixmapC2ERK9QMemArrayIcE [qt-mt]	_ZN7QPixmapC2ERKS_ [qt-mt]
_ZN7QPixmapC2EiiPKhb [qt-mt]	_ZN7QPixmapC2EiiiNS_12OptimizationE [qt-mt]
_ZN7QPixmapC2EiiibNS_12OptimizationE [qt-mt]	_ZN7QPixmapC2Ev [qt-mt]
_ZN7QPixmapD0Ev [qt-mt]	_ZN7QPixmapD1Ev [qt-mt]
_ZN7QPixmapD2Ev [qt-mt]	_ZN7QPixmapaSERK6QImage [qt-

 © 2008 Linux Foundation

	mt]
ZN7QPixmapaSERKS [qt-mt]	_ZN8QPicture15setBoundingRectERK5QRect [qt-mt]
_ZN8QPicture3cmdEiP8QPainterP13QPDevCmdParam [qt-mt]	_ZN8QPicture4execEP8QPainterR11QDataStreami [qt-mt]
_ZN8QPicture4loadEP9QIODevicePKc [qt-mt]	_ZN8QPicture4loadERK7QStringPKc [qt-mt]
_ZN8QPicture4playEP8QPainter [qt-mt]	_ZN8QPicture4saveEP9QIODevicePKc [qt-mt]
_ZN8QPicture4saveERK7QStringPKc [qt-mt]	_ZN8QPicture6detachEv [qt-mt]
_ZN8QPicture7setDataEPKcj [qt-mt]	_ZN8QPictureC1ERKS_ [qt-mt]
_ZN8QPictureC1Ei [qt-mt]	_ZN8QPictureC2ERKS_ [qt-mt]
_ZN8QPictureC2Ei [qt-mt]	_ZN8QPictureD0Ev [qt-mt]
_ZN8QPictureD1Ev [qt-mt]	_ZN8QPictureD2Ev [qt-mt]
ZN8QPictureaSERKS [qt-mt]	_ZN8QPrinter10setCreatorERK7QString [qt-mt]
_ZN8QPrinter10setDocNameERK7QString [qt-mt]	_ZN8QPrinter10setMarginsEjjjj [qt-mt]
_ZN8QPrinter11setFullPageEb [qt-mt]	_ZN8QPrinter11setPageSizeENS_8PageSizeE [qt-mt]
_ZN8QPrinter12setColorModeENS_9ColorModeE [qt-mt]	_ZN8QPrinter12setNumCopiesEi [qt-mt]
_ZN8QPrinter12setPageOrderENS_9PageOrderE [qt-mt]	_ZN8QPrinter13setPrintRangeENS_10PrintRangeE [qt-mt]
_ZN8QPrinter13setResolutionEi [qt-mt]	_ZN8QPrinter14setOrientationENS_11OrientationE [qt-mt]
_ZN8QPrinter14setPaperSourceENS_11PaperSourceE [qt-mt]	_ZN8QPrinter14setPrinterNameERK7QString [qt-mt]
_ZN8QPrinter15isOptionEnabledENS_13PrinterOptionE [qt-mt]	_ZN8QPrinter15setOutputToFileEb [qt-mt]
_ZN8QPrinter15setPrintProgramERK7QString [qt-mt]	_ZN8QPrinter16setCollateCopiesEb [qt-mt]
_ZN8QPrinter16setOptionEnabledENS_13PrinterOptionEb [qt-mt]	_ZN8QPrinter17setOutputFileNameERK7QString [qt-mt]
_ZN8QPrinter25setPrinterSelectionOptionERK7QString [qt-mt]	_ZN8QPrinter3cmdEiP8QPainterP13QPDevCmdParam [qt-mt]
_ZN8QPrinter5abortEv [qt-mt]	_ZN8QPrinter5setupEP7QWidget [qt-mt]
_ZN8QPrinter7newPageEv [qt-mt]	_ZN8QPrinter9setFromToEii [qt-mt]
_ZN8QPrinter9setMinMaxEii [qt-mt]	_ZN8QPrinterC1ENS_11PrinterModeE [qt-mt]
_ZN8QPrinterC2ENS_11PrinterModeE [qt-mt]	_ZN8QPrinterD0Ev [qt-mt]
_ZN8QPrinterD1Ev [qt-mt]	_ZN8QPrinterD2Ev [qt-mt]

_ZNK12QPaintDevice10getX11DataEb [qt-mt]	_ZNK12QPaintDevice10resolutionEv [qt-mt]
_ZNK12QPaintDevice15x11RenderHandleEv [qt-mt]	_ZNK12QPaintDevice6handleEv [qt-mt]
_ZNK12QPaintDevice6metricEi [qt-mt]	_ZNK12QPaintDevice7fontInfEP5QFonti [qt-mt]
_ZNK12QPaintDevice7fontMetEP5QFontiPKci [qt-mt]	_ZNK7QBitmap5xFormERK8QWMatrix [qt-mt]
_ZNK7QPixmap14convertToImageEv [qt-mt]	_ZNK7QPixmap15hasAlphaChannelEv [qt-mt]
_ZNK7QPixmap19createHeuristicMaskEb [qt-mt]	_ZNK7QPixmap4copyEb [qt-mt]
_ZNK7QPixmap4saveEP9QIODevicePKci [qt-mt]	_ZNK7QPixmap4saveERK7QStringPKci [qt-mt]
_ZNK7QPixmap5xFormERK8QWMatrix [qt-mt]	_ZNK7QPixmap6metricEi [qt-mt]
_ZNK7QPixmap8hasAlphaEv [qt-mt]	_ZNK7QPixmap9doImageIOEP8QImageIOi [qt-mt]
_ZNK8QPicture12boundingRectEv [qt-mt]	_ZNK8QPicture4copyEv [qt-mt]
_ZNK8QPicture6metricEi [qt-mt]	_ZNK8QPrinter10printRangeEv [qt-mt]
_ZNK8QPrinter10resolutionEv [qt-mt]	_ZNK8QPrinter11paperSourceEv [qt-mt]
_ZNK8QPrinter22printerSelectionOptionEv [qt-mt]	_ZNK8QPrinter6metricEi [qt-mt]
_ZNK8QPrinter7abortedEv [qt-mt]	_ZNK8QPrinter7marginsEPjS0_S0_S0_ [qt-mt]
_ZNK8QPrinter7marginsEv [qt-mt]	_ZNK8QPrinter8fullPageEv [qt-mt]
_ZNK8QPrinter9colorModeEv [qt-mt]	_ZNK8QPrinter9pageOrderEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Paint Device specified in Table 18-274, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-274 libqt-mt - Qt3 Paint Device Data Interfaces

_ZN12QPaintDevice10x_appcellsE [qt-mt]	_ZN12QPaintDevice10x_appdepthE [qt-mt]
_ZN12QPaintDevice11x_appscreenE [qt-mt]	_ZN12QPaintDevice11x_appvisualE [qt-mt]
_ZN12QPaintDevice12x_appdisplayE [qt-mt]	_ZN12QPaintDevice13x_appcolormapE [qt-mt]
_ZN12QPaintDevice14x_appcells_arrE [qt-mt]	_ZN12QPaintDevice14x_appdefvisualE [qt-mt]
_ZN12QPaintDevice14x_appdepth_a	_ZN12QPaintDevice15x_approotwin

 © 2008 Linux Foundation

rrE [qt-mt]	dowE [qt-mt]
_ZN12QPaintDevice15x_appvisual_arrE [qt-mt]	_ZN12QPaintDevice16x_appdefcolormapE [qt-mt]
_ZN12QPaintDevice17x_appcolormap_arrE [qt-mt]	_ZN12QPaintDevice18x_appdefvisual_arrE [qt-mt]
_ZN12QPaintDevice19x_approotwindow_arrE [qt-mt]	_ZN12QPaintDevice20x_appdefcolormap_arrE [qt-mt]
_ZN7QPixmap8defOptimE [qt-mt]	_ZTI12QPaintDevice [CXXABI]
_ZTI7QBitmap [CXXABI]	_ZTI7QPixmap [CXXABI]
_ZTI8QPicture [CXXABI]	_ZTI8QPrinter [CXXABI]
_ZTV12QPaintDevice [CXXABI]	_ZTV7QBitmap [CXXABI]
_ZTV7QPixmap [CXXABI]	_ZTV8QPicture [CXXABI]
_ZTV8QPrinter [CXXABI]	

18.2.17 Qt3 SQL

18.2.17.1 Class data for QSqlResult

The virtual table for the QSqlResult class is described by Table 18-275

Table 18-275 Primary vtable for QSqlResult

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlResult
vfunc[0]:	QSqlResult::~QSqlResult()
vfunc[1]:	QSqlResult::~QSqlResult()
vfunc[2]:	QSqlResult::setAt(int)
vfunc[3]:	QSqlResult::setActive(bool)
vfunc[4]:	QSqlResult::setLastError(QSqlError const&)
vfunc[5]:	QSqlResult::setQuery(QString const&)
vfunc[6]:	QSqlResult::setSelect(bool)
vfunc[7]:	QSqlResult::setForwardOnly(bool)
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	__cxa_pure_virtual
vfunc[10]:	__cxa_pure_virtual
vfunc[11]:	__cxa_pure_virtual
vfunc[12]:	QSqlResult::fetchNext()
vfunc[13]:	QSqlResult::fetchPrev()
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	__cxa_pure_virtual
vfunc[17]:	__cxa_pure_virtual

The Run Time Type Information for the QSqlResult class is described by Table 18-276

Table 18-276 typeinfo for QSqlResult

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QSqlResult

18.2.17.2 Class data for QSqlSelectCursor

The virtual table for the QSqlSelectCursor class is described by Table 18-277

Table 18-277 Primary vtable for QSqlSelectCursor

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlSelectCursor
vfunc[0]:	QSqlSelectCursor::~QSqlSelectCursor()
vfunc[1]:	QSqlSelectCursor::~QSqlSelectCursor()
vfunc[2]:	QSqlCursor::value(int) const
vfunc[3]:	QSqlCursor::value(QString const&) const
vfunc[4]:	QSqlCursor::setValue(int, QVariant const&)
vfunc[5]:	QSqlCursor::setValue(QString const&, QVariant const&)
vfunc[6]:	NULL or QSqlSelectCursor::setGenerated(QString const&, bool)
vfunc[7]:	NULL or QSqlSelectCursor::setGenerated(int, bool)
vfunc[8]:	QSqlRecord::setNull(int)
vfunc[9]:	QSqlRecord::setNull(QString const&)
vfunc[10]:	QSqlCursor::append(QSqlField const&)
vfunc[11]:	QSqlCursor::insert(int, QSqlField const&)
vfunc[12]:	NULL or QSqlSelectCursor::remove(int)
vfunc[13]:	NULL or QSqlSelectCursor::clear()
vfunc[14]:	QSqlRecord::clearValues(bool)
vfunc[15]:	NULL or QSqlSelectCursor::toString(QString const&, QString const&) const

 © 2008 Linux Foundation

vfunc[16]:	QSqlRecord::toStringList(QString const&) const
vfunc[17]:	NULL or QSqlSelectCursor::primaryIndex(bool) const
vfunc[18]:	NULL or QSqlSelectCursor::index(QStringList const&) const
vfunc[19]:	NULL or QSqlSelectCursor::setPrimaryIndex(QSqlIndex const&)
vfunc[20]:	NULL or QSqlSelectCursor::append(QSqlFieldInfo const&)
vfunc[21]:	NULL or QSqlSelectCursor::insert(int, QSqlFieldInfo const&)
vfunc[22]:	NULL or QSqlSelectCursor::editBuffer(bool)
vfunc[23]:	NULL or QSqlSelectCursor::primeInsert()
vfunc[24]:	NULL or QSqlSelectCursor::primeUpdate()
vfunc[25]:	NULL or QSqlSelectCursor::primeDelete()
vfunc[26]:	NULL or QSqlSelectCursor::insert(bool)
vfunc[27]:	NULL or QSqlSelectCursor::update(bool)
vfunc[28]:	NULL or QSqlSelectCursor::del(bool)
vfunc[29]:	NULL or QSqlSelectCursor::setMode(int)
vfunc[30]:	QSqlCursor::setCalculated(QString const&, bool)
vfunc[31]:	QSqlCursor::setTrimmed(QString const&, bool)
vfunc[32]:	QSqlSelectCursor::select(QString const&, QSqlIndex const&)
vfunc[33]:	NULL or QSqlSelectCursor::setSort(QSqlIndex const&)
vfunc[34]:	NULL or QSqlSelectCursor::setFilter(QString const&)
vfunc[35]:	NULL or

	QSqlSelectCursor::setName(QString const&, bool)
vfunc[36]:	QSqlCursor::afterSeek()
vfunc[37]:	QSqlSelectCursor::exec(QString const&)
vfunc[38]:	QSqlCursor::calculateField(QString const&)
vfunc[39]:	QSqlCursor::update(QString const&, bool)
vfunc[40]:	QSqlCursor::del(QString const&, bool)
vfunc[41]:	QSqlCursor::toString(QString const&, QSqlField*, QString const&) const
vfunc[42]:	QSqlCursor::toString(QSqlRecord*, QString const&, QString const&, QString const&) const
vfunc[43]:	QSqlCursor::toString(QSqlIndex const&, QSqlRecord*, QString const&, QString const&, QString const&) const

The Run Time Type Information for the QSqlSelectCursor class is described by Table 18-278

Table 18-278 typeinfo for QSqlSelectCursor

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlSelectCursor
basetype:	typeinfo for QSqlCursor

18.2.17.3 Class data for QSqlDriver

The virtual table for the QSqlDriver class is described by Table 18-279

Table 18-279 Primary vtable for QSqlDriver

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlDriver
vfunc[0]:	NULL or QSqlDriver::metaObject() const
vfunc[1]:	QSqlDriver::className() const
vfunc[2]:	QSqlDriver::qt_cast(char const*)
vfunc[3]:	QSqlDriver::qt_invoke(int, QUObject*)
vfunc[4]:	QSqlDriver::qt_emit(int, QUObject*)
vfunc[5]:	QSqlDriver::qt_property(int, int,

 © 2008 Linux Foundation

	QVariant*)
vfunc[6]:	QSqlDriver::~QSqlDriver()
vfunc[7]:	QSqlDriver::~QSqlDriver()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QSqlDriver::beginTransaction()
vfunc[22]:	QSqlDriver::commitTransaction()
vfunc[23]:	QSqlDriver::rollbackTransaction()
vfunc[24]:	QSqlDriver::tables(QString const&) const
vfunc[25]:	QSqlDriver::primaryIndex(QString const&) const
vfunc[26]:	QSqlDriver::record(QString const&) const
vfunc[27]:	QSqlDriver::record(QSqlQuery const&) const
vfunc[28]:	QSqlDriver::recordInfo(QString const&) const
vfunc[29]:	QSqlDriver::recordInfo(QSqlQuery const&) const
vfunc[30]:	QSqlDriver::nullText() const
vfunc[31]:	QSqlDriver::formatValue(QSqlField const*, bool) const
vfunc[32]:	__cxa_pure_virtual
vfunc[33]:	__cxa_pure_virtual
vfunc[34]:	__cxa_pure_virtual
vfunc[35]:	__cxa_pure_virtual

vfunc[36]:	QSqlDriver::setOpen(bool)
vfunc[37]:	QSqlDriver::setOpenError(bool)
vfunc[38]:	QSqlDriver::setLastError(QSqlError const&)

The Run Time Type Information for the QSqlDriver class is described by Table 18-280

Table 18-280 typeinfo for QSqlDriver

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlDriver
basetype:	typeinfo for QObject

18.2.17.4 Class data for QSqlPropertyMap

The virtual table for the QSqlPropertyMap class is described by Table 18-281

Table 18-281 Primary vtable for QSqlPropertyMap

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlPropertyMap
vfunc[0]:	QSqlPropertyMap::~QSqlPropertyMap()
vfunc[1]:	QSqlPropertyMap::~QSqlPropertyMap()
vfunc[2]:	QSqlPropertyMap::setProperty(QWidget*, QVariant const&)

The Run Time Type Information for the QSqlPropertyMap class is described by Table 18-282

Table 18-282 typeinfo for QSqlPropertyMap

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QSqlPropertyMap

18.2.17.5 Class data for QSqlQuery

The virtual table for the QSqlQuery class is described by Table 18-283

Table 18-283 Primary vtable for QSqlQuery

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlQuery
vfunc[0]:	QSqlQuery::~QSqlQuery()
vfunc[1]:	QSqlQuery::~QSqlQuery()
vfunc[2]:	QSqlQuery::exec(QString const&)

 © 2008 Linux Foundation

vfunc[3]:	QSqlQuery::value(int) const
vfunc[4]:	QSqlQuery::seek(int, bool)
vfunc[5]:	QSqlQuery::next()
vfunc[6]:	QSqlQuery::prev()
vfunc[7]:	QSqlQuery::first()
vfunc[8]:	QSqlQuery::last()
vfunc[9]:	QSqlQuery::beforeSeek()
vfunc[10]:	QSqlQuery::afterSeek()

The Run Time Type Information for the QSqlQuery class is described by Table 18-284

Table 18-284 typeinfo for QSqlQuery

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QSqlQuery

18.2.17.6 Class data for QSqlRecord

The virtual table for the QSqlRecord class is described by Table 18-285

Table 18-285 Primary vtable for QSqlRecord

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlRecord
vfunc[0]:	QSqlRecord::~QSqlRecord()
vfunc[1]:	QSqlRecord::~QSqlRecord()
vfunc[2]:	QSqlRecord::value(int) const
vfunc[3]:	QSqlRecord::value(QString const&) const
vfunc[4]:	QSqlRecord::setValue(int, QVariant const&)
vfunc[5]:	QSqlRecord::setValue(QString const&, QVariant const&)
vfunc[6]:	QSqlRecord::setGenerated(QString const&, bool)
vfunc[7]:	QSqlRecord::setGenerated(int, bool)
vfunc[8]:	QSqlRecord::setNull(int)
vfunc[9]:	QSqlRecord::setNull(QString const&)
vfunc[10]:	QSqlRecord::append(QSqlField const&)
vfunc[11]:	QSqlRecord::insert(int, QSqlField const&)
vfunc[12]:	QSqlRecord::remove(int)

vfunc[13]:	QSqlRecord::clear()
vfunc[14]:	QSqlRecord::clearValues(bool)
vfunc[15]:	QSqlRecord::toString(QString const&, QString const&) const
vfunc[16]:	QSqlRecord::toStringList(QString const&) const

The Run Time Type Information for the QSqlRecord class is described by Table 18-286

Table 18-286 typeinfo for QSqlRecord

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QSqlRecord

18.2.17.7 Class data for QSqlDatabase

The virtual table for the QSqlDatabase class is described by Table 18-287

Table 18-287 Primary vtable for QSqlDatabase

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlDatabase
vfunc[0]:	NULL or QSqlDatabase::metaObject() const
vfunc[1]:	QSqlDatabase::className() const
vfunc[2]:	QSqlDatabase::qt_cast(char const*)
vfunc[3]:	QSqlDatabase::qt_invoke(int, QUObject*)
vfunc[4]:	QSqlDatabase::qt_emit(int, QUObject*)
vfunc[5]:	QSqlDatabase::qt_property(int, int, QVariant*)
vfunc[6]:	QSqlDatabase::~QSqlDatabase()
vfunc[7]:	QSqlDatabase::~QSqlDatabase()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)

© 2008 Linux Foundation

vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QSqlDatabase::setDatabaseName(QString const&)
vfunc[22]:	QSqlDatabase::setUserName(QString const&)
vfunc[23]:	QSqlDatabase::setPassword(QString const&)
vfunc[24]:	QSqlDatabase::setHostName(QString const&)
vfunc[25]:	QSqlDatabase::setPort(int)

The Run Time Type Information for the QSqlDatabase class is described by Table 18-288

Table 18-288 typeinfo for QSqlDatabase

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlDatabase
basetype:	typeinfo for QObject

18.2.17.8 Class data for QEditorFactory

The virtual table for the QEditorFactory class is described by Table 18-289

Table 18-289 Primary vtable for QEditorFactory

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QEditorFactory
vfunc[0]:	NULL or QObject::metaObject() const
vfunc[1]:	QObject::className() const
vfunc[2]:	QObject::qt_cast(char const*)
vfunc[3]:	QObject::qt_invoke(int, QUObject*)
vfunc[4]:	QObject::qt_emit(int, QUObject*)
vfunc[5]:	QObject::qt_property(int, int, QVariant*)
vfunc[6]:	QEditorFactory::~QEditorFactory()
vfunc[7]:	QEditorFactory::~QEditorFactory()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*,

	QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QEditorFactory::createEditor(QWidget*, QVariant const&)

The Run Time Type Information for the QEditorFactory class is described by Table 18-290

Table 18-290 typeinfo for QEditorFactory

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QEditorFactory
basetype:	typeinfo for QObject

18.2.17.9 Class data for QSqlDriverPlugin

The virtual table for the QSqlDriverPlugin class is described by Table 18-291

Table 18-291 Primary vtable for QSqlDriverPlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlDriverPlugin
vfunc[0]:	NULL or QSqlDriverPlugin::metaObject() const
vfunc[1]:	QSqlDriverPlugin::className() const
vfunc[2]:	QSqlDriverPlugin::qt_cast(char const*)
vfunc[3]:	QSqlDriverPlugin::qt_invoke(int, QUObject*)
vfunc[4]:	QSqlDriverPlugin::qt_emit(int,

 © 2008 Linux Foundation

	QUObject*)
vfunc[5]:	QSqlDriverPlugin::qt_property(int, int, QVariant*)
vfunc[6]:	QSqlDriverPlugin::~QSqlDriverPlugin()
vfunc[7]:	QSqlDriverPlugin::~QSqlDriverPlugin()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	__cxa_pure_virtual
vfunc[22]:	__cxa_pure_virtual

The Run Time Type Information for the QSqlDriverPlugin class is described by Table 18-292

Table 18-292 typeinfo for QSqlDriverPlugin

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlDriverPlugin
basetype:	typeinfo for QGPlugin

18.2.17.10 Class data for QSqlResultShared

The virtual table for the QSqlResultShared class is described by Table 18-293

Table 18-293 Primary vtable for QSqlResultShared

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlResultShared
vfunc[0]:	NULL or

	QSqlResultShared::metaObject() const
vfunc[1]:	QSqlResultShared::className() const
vfunc[2]:	QSqlResultShared::qt_cast(char const*)
vfunc[3]:	QSqlResultShared::qt_invoke(int, QUObject*)
vfunc[4]:	QSqlResultShared::qt_emit(int, QUObject*)
vfunc[5]:	QSqlResultShared::qt_property(int, int, QVariant*)
vfunc[6]:	QSqlResultShared::~QSqlResultShared()
vfunc[7]:	QSqlResultShared::~QSqlResultShared()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QSqlResultShared class is described by Table 18-294

Table 18-294 typeinfo for QSqlResultShared

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info
Name	typeinfo name for QSqlResultShared
flags:	0

 © 2008 Linux Foundation

basetype:	typeinfo for QObject	2
basetype:	typeinfo for QShared	10242

18.2.17.11 Class data for QSqlError

The virtual table for the QSqlError class is described by Table 18-295

Table 18-295 Primary vtable for QSqlError

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlError
vfunc[0]:	QSqlError::~QSqlError()
vfunc[1]:	QSqlError::~QSqlError()
vfunc[2]:	QSqlError::setDriverText(QString const&)
vfunc[3]:	QSqlError::setDatabaseText(QString const&)
vfunc[4]:	QSqlError::setType(int)
vfunc[5]:	QSqlError::setNumber(int)

The Run Time Type Information for the QSqlError class is described by Table 18-296

Table 18-296 typeinfo for QSqlError

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QSqlError

18.2.17.12 Class data for QSqlForm

The virtual table for the QSqlForm class is described by Table 18-297

Table 18-297 Primary vtable for QSqlForm

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlForm
vfunc[0]:	NULL or QSqlForm::metaObject() const
vfunc[1]:	QSqlForm::className() const
vfunc[2]:	QSqlForm::qt_cast(char const*)
vfunc[3]:	QSqlForm::qt_invoke(int, QUObject*)
vfunc[4]:	QSqlForm::qt_emit(int, QUObject*)
vfunc[5]:	QSqlForm::qt_property(int, int, QVariant*)
vfunc[6]:	QSqlForm::~QSqlForm()
vfunc[7]:	QSqlForm::~QSqlForm()

vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QSqlForm::insert(QWidget*, QString const&)
vfunc[22]:	QSqlForm::remove(QString const&)
vfunc[23]:	QSqlForm::setRecord(QSqlRecord*)
vfunc[24]:	QSqlForm::readField(QWidget*)
vfunc[25]:	QSqlForm::writeField(QWidget*)
vfunc[26]:	QSqlForm::readFields()
vfunc[27]:	QSqlForm::writeFields()
vfunc[28]:	QSqlForm::clear()
vfunc[29]:	QSqlForm::clearValues(bool)
vfunc[30]:	QSqlForm::insert(QWidget*, QSqlField*)
vfunc[31]:	QSqlForm::remove(QWidget*)
vfunc[32]:	QSqlForm::sync()

The Run Time Type Information for the QSqlForm class is described by Table 18-298

Table 18-298 typeinfo for QSqlForm

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlForm
basetype:	typeinfo for QObject

18.2.17.13 Class data for QSqlEditorFactory

The virtual table for the QSqlEditorFactory class is described by Table 18-299

 © 2008 Linux Foundation

Table 18-299 Primary vtable for QSqlEditorFactory

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlEditorFactory
vfunc[0]:	NULL or QObject::metaObject() const
vfunc[1]:	QObject::className() const
vfunc[2]:	QObject::qt_cast(char const*)
vfunc[3]:	QObject::qt_invoke(int, QUObject*)
vfunc[4]:	QObject::qt_emit(int, QUObject*)
vfunc[5]:	QObject::qt_property(int, int, QVariant*)
vfunc[6]:	QSqlEditorFactory::~QSqlEditorFactory()
vfunc[7]:	QSqlEditorFactory::~QSqlEditorFactory()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QSqlEditorFactory::createEditor(QWidget*, QVariant const&)
vfunc[22]:	QSqlEditorFactory::createEditor(QWidget*, QSqlField const*)

The Run Time Type Information for the QSqlEditorFactory class is described by Table 18-300

Table 18-300 typeinfo for QSqlEditorFactory

Base Vtable	vtable for __cxxabiv1::__si_class_type_info

Name	typeinfo name for QSqlEditorFactory
basetype:	typeinfo for QEditorFactory

18.2.17.14 Class data for QSqlCursor

The virtual table for the QSqlCursor class is described by Table 18-301

Table 18-301 Primary vtable for QSqlCursor

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlCursor
vfunc[0]:	QSqlCursor::~QSqlCursor()
vfunc[1]:	QSqlCursor::~QSqlCursor()
vfunc[2]:	QSqlCursor::value(int) const
vfunc[3]:	QSqlCursor::value(QString const&) const
vfunc[4]:	QSqlCursor::setValue(int, QVariant const&)
vfunc[5]:	QSqlCursor::setValue(QString const&, QVariant const&)
vfunc[6]:	QSqlCursor::setGenerated(QString const&, bool)
vfunc[7]:	QSqlCursor::setGenerated(int, bool)
vfunc[8]:	QSqlRecord::setNull(int)
vfunc[9]:	QSqlRecord::setNull(QString const&)
vfunc[10]:	QSqlCursor::append(QSqlField const&)
vfunc[11]:	QSqlCursor::insert(int, QSqlField const&)
vfunc[12]:	QSqlCursor::remove(int)
vfunc[13]:	QSqlCursor::clear()
vfunc[14]:	QSqlRecord::clearValues(bool)
vfunc[15]:	QSqlCursor::toString(QString const&, QString const&) const
vfunc[16]:	QSqlRecord::toStringList(QString const&) const
vfunc[17]:	QSqlCursor::primaryIndex(bool) const
vfunc[18]:	QSqlCursor::index(QStringList const&) const
vfunc[19]:	QSqlCursor::setPrimaryIndex(QSqlIndex const&)
vfunc[20]:	QSqlCursor::append(QSqlFieldInfo const&)

 © 2008 Linux Foundation

vfunc[21]:	QSqlCursor::insert(int, QSqlFieldInfo const&)
vfunc[22]:	QSqlCursor::editBuffer(bool)
vfunc[23]:	QSqlCursor::primeInsert()
vfunc[24]:	QSqlCursor::primeUpdate()
vfunc[25]:	QSqlCursor::primeDelete()
vfunc[26]:	QSqlCursor::insert(bool)
vfunc[27]:	QSqlCursor::update(bool)
vfunc[28]:	QSqlCursor::del(bool)
vfunc[29]:	QSqlCursor::setMode(int)
vfunc[30]:	QSqlCursor::setCalculated(QString const&, bool)
vfunc[31]:	QSqlCursor::setTrimmed(QString const&, bool)
vfunc[32]:	QSqlCursor::select(QString const&, QSqlIndex const&)
vfunc[33]:	QSqlCursor::setSort(QSqlIndex const&)
vfunc[34]:	QSqlCursor::setFilter(QString const&)
vfunc[35]:	QSqlCursor::setName(QString const&, bool)
vfunc[36]:	QSqlCursor::afterSeek()
vfunc[37]:	QSqlCursor::exec(QString const&)
vfunc[38]:	QSqlCursor::calculateField(QString const&)
vfunc[39]:	QSqlCursor::update(QString const&, bool)
vfunc[40]:	QSqlCursor::del(QString const&, bool)
vfunc[41]:	QSqlCursor::toString(QString const&, QSqlField*, QString const&) const
vfunc[42]:	QSqlCursor::toString(QSqlRecord*, QString const&, QString const&, QString const&) const
vfunc[43]:	QSqlCursor::toString(QSqlIndex const&, QSqlRecord*, QString const&, QString const&, QString const&) const

The Run Time Type Information for the QSqlCursor class is described by Table 18-302

Table 18-302 typeinfo for QSqlCursor

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QSqlCursor	
flags:	0	
basetype:	typeinfo for QSqlRecord	2
basetype:	typeinfo for QSqlQuery	2050

18.2.17.15 Class data for QSqlFieldInfo

The virtual table for the QSqlFieldInfo class is described by Table 18-303

Table 18-303 Primary vtable for QSqlFieldInfo

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlFieldInfo
vfunc[0]:	QSqlFieldInfo::~QSqlFieldInfo()
vfunc[1]:	QSqlFieldInfo::~QSqlFieldInfo()
vfunc[2]:	QSqlFieldInfo::setTrim(bool)
vfunc[3]:	QSqlFieldInfo::setGenerated(bool)
vfunc[4]:	QSqlFieldInfo::setCalculated(bool)

The Run Time Type Information for the QSqlFieldInfo class is described by Table 18-304

Table 18-304 typeinfo for QSqlFieldInfo

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QSqlFieldInfo

18.2.17.16 Class data for QSqlIndex

The virtual table for the QSqlIndex class is described by Table 18-305

Table 18-305 Primary vtable for QSqlIndex

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlIndex
vfunc[0]:	QSqlIndex::~QSqlIndex()
vfunc[1]:	QSqlIndex::~QSqlIndex()
vfunc[2]:	QSqlRecord::value(int) const
vfunc[3]:	QSqlRecord::value(QString const&) const
vfunc[4]:	QSqlRecord::setValue(int, QVariant

 © 2008 Linux Foundation

	const&)
vfunc[5]:	QSqlRecord::setValue(QString const&, QVariant const&)
vfunc[6]:	QSqlRecord::setGenerated(QString const&, bool)
vfunc[7]:	QSqlRecord::setGenerated(int, bool)
vfunc[8]:	QSqlRecord::setNull(int)
vfunc[9]:	QSqlRecord::setNull(QString const&)
vfunc[10]:	QSqlIndex::append(QSqlField const&)
vfunc[11]:	QSqlRecord::insert(int, QSqlField const&)
vfunc[12]:	QSqlRecord::remove(int)
vfunc[13]:	QSqlRecord::clear()
vfunc[14]:	QSqlRecord::clearValues(bool)
vfunc[15]:	QSqlRecord::toString(QString const&, QString const&) const
vfunc[16]:	QSqlRecord::toStringList(QString const&) const
vfunc[17]:	QSqlIndex::setCursorName(QString const&)
vfunc[18]:	QSqlIndex::setName(QString const&)
vfunc[19]:	QSqlIndex::append(QSqlField const&, bool)
vfunc[20]:	QSqlIndex::setDescending(int, bool)

The Run Time Type Information for the QSqlIndex class is described by Table 18-306

Table 18-306 typeinfo for QSqlIndex

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlIndex
basetype:	typeinfo for QSqlRecord

18.2.17.17 Class data for QSqlField

The virtual table for the QSqlField class is described by Table 18-307

Table 18-307 Primary vtable for QSqlField

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSqlField
vfunc[0]:	QSqlField::~QSqlField()

vfunc[1]:	QSqlField::~QSqlField()
vfunc[2]:	QSqlField::setValue(QVariant const&)
vfunc[3]:	NULL or QSqlField::value() const
vfunc[4]:	QSqlField::setName(QString const&)
vfunc[5]:	QSqlField::setNull()
vfunc[6]:	QSqlField::setReadOnly(bool)

The Run Time Type Information for the QSqlField class is described by Table 18-308

Table 18-308 typeinfo for QSqlField

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QSqlField

18.2.17.18 Interfaces for Qt3 SQL

An LSB conforming implementation shall provide the generic functions for Qt3 SQL specified in Table 18-309, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-309 libqt-mt - Qt3 SQL Function Interfaces

_ZN10QSqlCursor10editBufferEb [qt-mt]	_ZN10QSqlCursor10setTrimmedERK7QStringb [qt-mt]
_ZN10QSqlCursor11primeDeleteEv [qt-mt]	_ZN10QSqlCursor11primeInsertEv [qt-mt]
_ZN10QSqlCursor11primeUpdateEv [qt-mt]	_ZN10QSqlCursor12setGeneratedERK7QStringb [qt-mt]
_ZN10QSqlCursor12setGeneratedEib [qt-mt]	_ZN10QSqlCursor13applyPreparedERK7QStringb [qt-mt]
_ZN10QSqlCursor13setCalculatedERK7QStringb [qt-mt]	_ZN10QSqlCursor14calculateFieldERK7QString [qt-mt]
_ZN10QSqlCursor15setPrimaryIndexERK9QSqlIndex [qt-mt]	_ZN10QSqlCursor3delERK7QStringb [qt-mt]
_ZN10QSqlCursor3delEb [qt-mt]	_ZN10QSqlCursor4execERK7QString [qt-mt]
_ZN10QSqlCursor4syncEv [qt-mt]	_ZN10QSqlCursor5applyERK7QStringb [qt-mt]
_ZN10QSqlCursor5clearEv [qt-mt]	_ZN10QSqlCursor6appendERK13QSqlFieldInfo [qt-mt]
_ZN10QSqlCursor6appendERK9QSqlField [qt-mt]	_ZN10QSqlCursor6insertEb [qt-mt]
_ZN10QSqlCursor6insertEiRK13QSqlFieldInfo [qt-mt]	_ZN10QSqlCursor6insertEiRK9QSqlField [qt-mt]
_ZN10QSqlCursor6removeEi [qt-mt]	_ZN10QSqlCursor6selectERK7QStringRK9QSqlIndex [qt-mt]

 © 2008 Linux Foundation

_ZN10QSqlCursor6selectERK9QSqlIndex [qt-mt]	_ZN10QSqlCursor6selectERK9QSqlIndexS2_ [qt-mt]
_ZN10QSqlCursor6selectEv [qt-mt]	_ZN10QSqlCursor6updateERK7QStringb [qt-mt]
_ZN10QSqlCursor6updateEb [qt-mt]	_ZN10QSqlCursor7setModeEi [qt-mt]
_ZN10QSqlCursor7setNameERK7QStringb [qt-mt]	_ZN10QSqlCursor7setSortERK9QSqlIndex [qt-mt]
_ZN10QSqlCursor8setValueERK7QStringRK8QVariant [qt-mt]	_ZN10QSqlCursor8setValueEiRK8QVariant [qt-mt]
_ZN10QSqlCursor9afterSeekEv [qt-mt]	_ZN10QSqlCursor9setFilterERK7QString [qt-mt]
_ZN10QSqlCursorC1ERK7QStringbP12QSqlDatabase [qt-mt]	_ZN10QSqlCursorC1ERKS_ [qt-mt]
_ZN10QSqlCursorC2ERK7QStringbP12QSqlDatabase [qt-mt]	_ZN10QSqlCursorC2ERKS_ [qt-mt]
_ZN10QSqlCursorD0Ev [qt-mt]	_ZN10QSqlCursorD1Ev [qt-mt]
_ZN10QSqlCursorD2Ev [qt-mt]	_ZN10QSqlCursoraSERK10QSqlRecord [qt-mt]
ZN10QSqlCursoraSERKS [qt-mt]	_ZN10QSqlDriver11qt_propertyEiiP8QVariant [qt-mt]
_ZN10QSqlDriver12setLastErrorERK9QSqlError [qt-mt]	_ZN10QSqlDriver12setOpenErrorEb [qt-mt]
_ZN10QSqlDriver16beginTransactionEv [qt-mt]	_ZN10QSqlDriver16staticMetaObjectEv [qt-mt]
_ZN10QSqlDriver17commitTransactionEv [qt-mt]	_ZN10QSqlDriver18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN10QSqlDriver19rollbackTransactionEv [qt-mt]	_ZN10QSqlDriver2trEPKcS1_ [qt-mt]
_ZN10QSqlDriver4openERK7QStringS2_S2_S2_iS2_ [qt-mt]	_ZN10QSqlDriver6trUtf8EPKcS1_ [qt-mt]
_ZN10QSqlDriver7qt_castEPKc [qt-mt]	_ZN10QSqlDriver7qt_emitEiP8QUObject [qt-mt]
_ZN10QSqlDriver7setOpenEb [qt-mt]	_ZN10QSqlDriver9qt_invokeEiP8QUObject [qt-mt]
_ZN10QSqlDriverC1EP7QObjectPKc [qt-mt]	_ZN10QSqlDriverC2EP7QObjectPKc [qt-mt]
_ZN10QSqlDriverD0Ev [qt-mt]	_ZN10QSqlDriverD1Ev [qt-mt]
_ZN10QSqlDriverD2Ev [qt-mt]	_ZN10QSqlRecord11checkDetachEv [qt-mt]
_ZN10QSqlRecord11clearValuesEb [qt-mt]	_ZN10QSqlRecord12setGeneratedERK7QStringb [qt-mt]
_ZN10QSqlRecord12setGeneratedEib [qt-mt]	_ZN10QSqlRecord5clearEv [qt-mt]
_ZN10QSqlRecord5derefEv [qt-mt]	_ZN10QSqlRecord5fieldERK7QStrin

	g [qt-mt]
_ZN10QSqlRecord5fieldEi [qt-mt]	_ZN10QSqlRecord6appendERK9QSqlField [qt-mt]
_ZN10QSqlRecord6insertEiRK9QSqlField [qt-mt]	_ZN10QSqlRecord6isNullERK7QString [qt-mt]
_ZN10QSqlRecord6isNullEi [qt-mt]	_ZN10QSqlRecord6removeEi [qt-mt]
_ZN10QSqlRecord7setNullERK7QString [qt-mt]	_ZN10QSqlRecord7setNullEi [qt-mt]
_ZN10QSqlRecord8setValueERK7QStringRK8QVariant [qt-mt]	_ZN10QSqlRecord8setValueEiRK8QVariant [qt-mt]
ZN10QSqlRecordC1ERKS [qt-mt]	_ZN10QSqlRecordC1Ev [qt-mt]
ZN10QSqlRecordC2ERKS [qt-mt]	_ZN10QSqlRecordC2Ev [qt-mt]
_ZN10QSqlRecordD0Ev [qt-mt]	_ZN10QSqlRecordD1Ev [qt-mt]
_ZN10QSqlRecordD2Ev [qt-mt]	_ZN10QSqlRecordaSERKS_ [qt-mt]
_ZN10QSqlResult12setExtensionEP13QSqlExtension [qt-mt]	_ZN10QSqlResult12setLastErrorERK9QSqlError [qt-mt]
_ZN10QSqlResult14setForwardOnlyEb [qt-mt]	_ZN10QSqlResult5setAtEi [qt-mt]
_ZN10QSqlResult8setQueryERK7QString [qt-mt]	_ZN10QSqlResult9extensionEv [qt-mt]
_ZN10QSqlResult9fetchNextEv [qt-mt]	_ZN10QSqlResult9fetchPrevEv [qt-mt]
_ZN10QSqlResult9setActiveEb [qt-mt]	_ZN10QSqlResult9setSelectEb [qt-mt]
_ZN10QSqlResultC1EPK10QSqlDriver [qt-mt]	_ZN10QSqlResultC2EPK10QSqlDriver [qt-mt]
_ZN10QSqlResultD0Ev [qt-mt]	_ZN10QSqlResultD1Ev [qt-mt]
_ZN10QSqlResultD2Ev [qt-mt]	_ZN12QSqlDatabase11addDatabaseEP10QSqlDriverRK7QString [qt-mt]
ZN12QSqlDatabase11addDatabaseERK7QStringS2 [qt-mt]	_ZN12QSqlDatabase11qt_propertyEiiP8QVariant [qt-mt]
_ZN12QSqlDatabase11setHostNameERK7QString [qt-mt]	_ZN12QSqlDatabase11setPasswordERK7QString [qt-mt]
_ZN12QSqlDatabase11setUserNameERK7QString [qt-mt]	_ZN12QSqlDatabase11transactionEv [qt-mt]
ZN12QSqlDatabase14removeDatabaseEPS [qt-mt]	_ZN12QSqlDatabase14removeDatabaseERK7QString [qt-mt]
_ZN12QSqlDatabase15setDatabaseNameERK7QString [qt-mt]	_ZN12QSqlDatabase16staticMetaObjectEv [qt-mt]
_ZN12QSqlDatabase17isDriverAvailableERK7QString [qt-mt]	_ZN12QSqlDatabase17registerSqlDriverERK7QStringPK21QSqlDriverCreatorBase [qt-mt]
_ZN12QSqlDatabase17setConnectOptionsERK7QString [qt-mt]	_ZN12QSqlDatabase18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]

 © 2008 Linux Foundation

ZN12QSqlDatabase2trEPKcS1 [qt-mt]	_ZN12QSqlDatabase4initERK7QStringS2_ [qt-mt]
ZN12QSqlDatabase4openERK7QStringS2 [qt-mt]	_ZN12QSqlDatabase4openEv [qt-mt]
_ZN12QSqlDatabase5closeEv [qt-mt]	_ZN12QSqlDatabase6commitEv [qt-mt]
ZN12QSqlDatabase6trUtf8EPKcS1 [qt-mt]	_ZN12QSqlDatabase7driversEv [qt-mt]
_ZN12QSqlDatabase7qt_castEPKc [qt-mt]	_ZN12QSqlDatabase7qt_emitEiP8QUObject [qt-mt]
_ZN12QSqlDatabase7setPortEi [qt-mt]	_ZN12QSqlDatabase8containsERK7QString [qt-mt]
_ZN12QSqlDatabase8databaseERK7QStringb [qt-mt]	_ZN12QSqlDatabase8rollbackEv [qt-mt]
_ZN12QSqlDatabase9qt_invokeEiP8QUObject [qt-mt]	_ZN12QSqlDatabaseC1EP10QSqlDriverP7QObjectPKc [qt-mt]
_ZN12QSqlDatabaseC1ERK7QStringS2_P7QObjectPKc [qt-mt]	_ZN12QSqlDatabaseC2EP10QSqlDriverP7QObjectPKc [qt-mt]
_ZN12QSqlDatabaseC2ERK7QStringS2_P7QObjectPKc [qt-mt]	_ZN12QSqlDatabaseD0Ev [qt-mt]
_ZN12QSqlDatabaseD1Ev [qt-mt]	_ZN12QSqlDatabaseD2Ev [qt-mt]
_ZN13QSqlFieldInfo12setGeneratedEb [qt-mt]	_ZN13QSqlFieldInfo13setCalculatedEb [qt-mt]
_ZN13QSqlFieldInfo7setTrimEb [qt-mt]	_ZN13QSqlFieldInfoC1ERK7QStringN8QVariant4TypeEiiiRKS3_ibbb [qt-mt]
_ZN13QSqlFieldInfoC1ERK9QSqlFieldb [qt-mt]	_ZN13QSqlFieldInfoC1ERKS_ [qt-mt]
_ZN13QSqlFieldInfoC2ERK7QStringN8QVariant4TypeEiiiRKS3_ibbb [qt-mt]	_ZN13QSqlFieldInfoC2ERK9QSqlFieldb [qt-mt]
ZN13QSqlFieldInfoC2ERKS [qt-mt]	_ZN13QSqlFieldInfoD0Ev [qt-mt]
_ZN13QSqlFieldInfoD1Ev [qt-mt]	_ZN13QSqlFieldInfoD2Ev [qt-mt]
ZN13QSqlFieldInfoaSERKS [qt-mt]	_ZN14QEditorFactory12createEditorEP7QWidgetRK8QVariant [qt-mt]
_ZN14QEditorFactory14defaultFactoryEv [qt-mt]	_ZN14QEditorFactory21installDefaultFactoryEPS_ [qt-mt]
_ZN14QEditorFactoryC1EP7QObjectPKc [qt-mt]	_ZN14QEditorFactoryC2EP7QObjectPKc [qt-mt]
_ZN14QEditorFactoryD0Ev [qt-mt]	_ZN14QEditorFactoryD1Ev [qt-mt]
_ZN14QEditorFactoryD2Ev [qt-mt]	_ZN14QSqlRecordInfoC1ERK10QSqlRecord [qt-mt]
_ZN14QSqlRecordInfoC2ERK10QSqlRecord [qt-mt]	_ZN15QSqlPropertyMap10defaultMapEv [qt-mt]

_ZN15QSqlPropertyMap11setPropertyEP7QWidgetRK8QVariant [qt-mt]	_ZN15QSqlPropertyMap17installDefaultMapEPS_ [qt-mt]
ZN15QSqlPropertyMap6insertERK7QStringS2 [qt-mt]	_ZN15QSqlPropertyMap6removeERK7QString [qt-mt]
_ZN15QSqlPropertyMap8propertyEP7QWidget [qt-mt]	_ZN15QSqlPropertyMapC1Ev [qt-mt]
_ZN15QSqlPropertyMapC2Ev [qt-mt]	_ZN15QSqlPropertyMapD0Ev [qt-mt]
_ZN15QSqlPropertyMapD1Ev [qt-mt]	_ZN15QSqlPropertyMapD2Ev [qt-mt]
_ZN16QSqlDriverPlugin11qt_propertyEiiP8QVariant [qt-mt]	_ZN16QSqlDriverPlugin16staticMetaObjectEv [qt-mt]
_ZN16QSqlDriverPlugin18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN16QSqlDriverPlugin2trEPKcS1_ [qt-mt]
ZN16QSqlDriverPlugin6trUtf8EPKcS1 [qt-mt]	_ZN16QSqlDriverPlugin7qt_castEPKc [qt-mt]
_ZN16QSqlDriverPlugin7qt_emitEiP8QUObject [qt-mt]	_ZN16QSqlDriverPlugin9qt_invokeEiP8QUObject [qt-mt]
_ZN16QSqlDriverPluginC1Ev [qt-mt]	_ZN16QSqlDriverPluginC2Ev [qt-mt]
_ZN16QSqlDriverPluginD0Ev [qt-mt]	_ZN16QSqlDriverPluginD1Ev [qt-mt]
_ZN16QSqlDriverPluginD2Ev [qt-mt]	_ZN16QSqlResultShared11qt_propertyEiiP8QVariant [qt-mt]
_ZN16QSqlResultShared16staticMetaObjectEv [qt-mt]	_ZN16QSqlResultShared18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN16QSqlResultShared19slotResultDestroyedEv [qt-mt]	_ZN16QSqlResultShared2trEPKcS1_ [qt-mt]
ZN16QSqlResultShared6trUtf8EPKcS1 [qt-mt]	_ZN16QSqlResultShared7qt_castEPKc [qt-mt]
_ZN16QSqlResultShared7qt_emitEiP8QUObject [qt-mt]	_ZN16QSqlResultShared9qt_invokeEiP8QUObject [qt-mt]
_ZN16QSqlResultSharedC1EP10QSqlResult [qt-mt]	_ZN16QSqlResultSharedC2EP10QSqlResult [qt-mt]
_ZN16QSqlResultSharedD0Ev [qt-mt]	_ZN16QSqlResultSharedD1Ev [qt-mt]
_ZN16QSqlResultSharedD2Ev [qt-mt]	_ZN16QSqlSelectCursor14populateCursorEv [qt-mt]
_ZN16QSqlSelectCursor4execERK7QString [qt-mt]	_ZN16QSqlSelectCursor6selectERK7QStringRK9QSqlIndex [qt-mt]
_ZN16QSqlSelectCursorC1ERK7QStringP12QSqlDatabase [qt-mt]	_ZN16QSqlSelectCursorC1ERKS_ [qt-mt]
_ZN16QSqlSelectCursorC2ERK7QStringP12QSqlDatabase [qt-mt]	_ZN16QSqlSelectCursorC2ERKS_ [qt-mt]

 © 2008 Linux Foundation

_ZN16QSqlSelectCursorD0Ev [qt-mt]	_ZN16QSqlSelectCursorD1Ev [qt-mt]
_ZN16QSqlSelectCursorD2Ev [qt-mt]	_ZN17QSqlEditorFactory12createEditorEP7QWidgetPK9QSqlField [qt-mt]
_ZN17QSqlEditorFactory12createEditorEP7QWidgetRK8QVariant [qt-mt]	_ZN17QSqlEditorFactory14defaultFactoryEv [qt-mt]
ZN17QSqlEditorFactory21installDefaultFactoryEPS [qt-mt]	_ZN17QSqlEditorFactoryC1EP7QObjectPKc [qt-mt]
_ZN17QSqlEditorFactoryC2EP7QObjectPKc [qt-mt]	_ZN17QSqlEditorFactoryD0Ev [qt-mt]
_ZN17QSqlEditorFactoryD1Ev [qt-mt]	_ZN17QSqlEditorFactoryD2Ev [qt-mt]
_ZN17QtSqlCachedResult10fetchFirstEv [qt-mt]	_ZN17QtSqlCachedResult4dataEi [qt-mt]
_ZN17QtSqlCachedResult4initEi [qt-mt]	_ZN17QtSqlCachedResult5fetchEi [qt-mt]
_ZN17QtSqlCachedResult6isNullEi [qt-mt]	_ZN17QtSqlCachedResult7cleanupEv [qt-mt]
_ZN17QtSqlCachedResult9cacheNextEv [qt-mt]	_ZN17QtSqlCachedResult9fetchLastEv [qt-mt]
_ZN17QtSqlCachedResult9fetchNextEv [qt-mt]	_ZN17QtSqlCachedResult9fetchPrevEv [qt-mt]
_ZN17QtSqlCachedResultC1EPK10QSqlDriver [qt-mt]	_ZN17QtSqlCachedResultC2EPK10QSqlDriver [qt-mt]
_ZN17QtSqlCachedResultD0Ev [qt-mt]	_ZN17QtSqlCachedResultD1Ev [qt-mt]
_ZN17QtSqlCachedResultD2Ev [qt-mt]	_ZN8QSqlForm10readFieldsEv [qt-mt]
_ZN8QSqlForm10writeFieldEP7QWidget [qt-mt]	_ZN8QSqlForm11clearValuesEb [qt-mt]
_ZN8QSqlForm11qt_propertyEiiP8QVariant [qt-mt]	_ZN8QSqlForm11writeFieldsEv [qt-mt]
_ZN8QSqlForm16staticMetaObjectEv [qt-mt]	_ZN8QSqlForm18installPropertyMapEP15QSqlPropertyMap [qt-mt]
_ZN8QSqlForm18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN8QSqlForm2trEPKcS1_ [qt-mt]
_ZN8QSqlForm4syncEv [qt-mt]	_ZN8QSqlForm5clearEv [qt-mt]
_ZN8QSqlForm6insertEP7QWidgetP9QSqlField [qt-mt]	_ZN8QSqlForm6insertEP7QWidgetRK7QString [qt-mt]
_ZN8QSqlForm6removeEP7QWidget [qt-mt]	_ZN8QSqlForm6removeERK7QString [qt-mt]
ZN8QSqlForm6trUtf8EPKcS1 [qt-mt]	_ZN8QSqlForm7qt_castEPKc [qt-mt]
_ZN8QSqlForm7qt_emitEiP8QUObject [qt-mt]	_ZN8QSqlForm8clearMapEv [qt-mt]

_ZN8QSqlForm9qt_invokeEiP8QUObject [qt-mt]	_ZN8QSqlForm9readFieldEP7QWidget [qt-mt]
_ZN8QSqlForm9setRecordEP10QSqlRecord [qt-mt]	_ZN8QSqlFormC1EP7QObjectPKc [qt-mt]
_ZN8QSqlFormC2EP7QObjectPKc [qt-mt]	_ZN8QSqlFormD0Ev [qt-mt]
_ZN8QSqlFormD1Ev [qt-mt]	_ZN8QSqlFormD2Ev [qt-mt]
_ZN9QSqlError13setDriverTextERK7QString [qt-mt]	_ZN9QSqlError15setDatabaseTextERK7QString [qt-mt]
_ZN9QSqlError7setTypeEi [qt-mt]	_ZN9QSqlError9setNumberEi [qt-mt]
_ZN9QSqlErrorC1ERK7QStringS2_ii [qt-mt]	_ZN9QSqlErrorC1ERKS_ [qt-mt]
_ZN9QSqlErrorC2ERK7QStringS2_ii [qt-mt]	_ZN9QSqlErrorC2ERKS_ [qt-mt]
_ZN9QSqlErrorD0Ev [qt-mt]	_ZN9QSqlErrorD1Ev [qt-mt]
_ZN9QSqlErrorD2Ev [qt-mt]	_ZN9QSqlErroraSERKS_ [qt-mt]
_ZN9QSqlField11setReadOnlyEb [qt-mt]	_ZN9QSqlField5clearEb [qt-mt]
_ZN9QSqlField7setNameERK7QString [qt-mt]	_ZN9QSqlField7setNullEv [qt-mt]
_ZN9QSqlField8setValueERK8QVariant [qt-mt]	_ZN9QSqlFieldC1ERK7QStringN8QVariant4TypeE [qt-mt]
ZN9QSqlFieldC1ERKS [qt-mt]	_ZN9QSqlFieldC2ERK7QStringN8QVariant4TypeE [qt-mt]
ZN9QSqlFieldC2ERKS [qt-mt]	_ZN9QSqlFieldD0Ev [qt-mt]
_ZN9QSqlFieldD1Ev [qt-mt]	_ZN9QSqlFieldD2Ev [qt-mt]
ZN9QSqlFieldaSERKS [qt-mt]	_ZN9QSqlIndex13setCursorNameERK7QString [qt-mt]
_ZN9QSqlIndex13setDescendingEib [qt-mt]	_ZN9QSqlIndex14fromStringListERK11QStringListPK10QSqlCursor [qt-mt]
_ZN9QSqlIndex6appendERK9QSqlField [qt-mt]	_ZN9QSqlIndex6appendERK9QSqlFieldb [qt-mt]
_ZN9QSqlIndex7setNameERK7QString [qt-mt]	_ZN9QSqlIndexC1ERK7QStringS2_ [qt-mt]
ZN9QSqlIndexC1ERKS [qt-mt]	_ZN9QSqlIndexC2ERK7QStringS2_ [qt-mt]
ZN9QSqlIndexC2ERKS [qt-mt]	_ZN9QSqlIndexD0Ev [qt-mt]
_ZN9QSqlIndexD1Ev [qt-mt]	_ZN9QSqlIndexD2Ev [qt-mt]
ZN9QSqlIndexaSERKS [qt-mt]	_ZN9QSqlQuery10beforeSeekEv [qt-mt]
_ZN9QSqlQuery11checkDetachEv [qt-mt]	_ZN9QSqlQuery12addBindValueERK8QVariant [qt-mt]
_ZN9QSqlQuery12addBindValueER	_ZN9QSqlQuery14setForwardOnlyE

 © 2008 Linux Foundation

K8QVariantN4QSql13ParameterTypeE [qt-mt]	b [qt-mt]
_ZN9QSqlQuery4execERK7QString [qt-mt]	_ZN9QSqlQuery4execEv [qt-mt]
_ZN9QSqlQuery4initERK7QStringP12QSqlDatabase [qt-mt]	_ZN9QSqlQuery4lastEv [qt-mt]
_ZN9QSqlQuery4nextEv [qt-mt]	_ZN9QSqlQuery4prevEv [qt-mt]
_ZN9QSqlQuery4seekEib [qt-mt]	_ZN9QSqlQuery5derefEv [qt-mt]
_ZN9QSqlQuery5firstEv [qt-mt]	_ZN9QSqlQuery7prepareERK7QString [qt-mt]
_ZN9QSqlQuery9afterSeekEv [qt-mt]	_ZN9QSqlQuery9bindValueERK7QStringRK8QVariant [qt-mt]
_ZN9QSqlQuery9bindValueERK7QStringRK8QVariantN4QSql13ParameterTypeE [qt-mt]	_ZN9QSqlQuery9bindValueEiRK8QVariant [qt-mt]
_ZN9QSqlQuery9bindValueEiRK8QVariantN4QSql13ParameterTypeE [qt-mt]	_ZN9QSqlQueryC1EP10QSqlResult [qt-mt]
_ZN9QSqlQueryC1EP12QSqlDatabase [qt-mt]	_ZN9QSqlQueryC1ERK7QStringP12QSqlDatabase [qt-mt]
ZN9QSqlQueryC1ERKS [qt-mt]	_ZN9QSqlQueryC2EP10QSqlResult [qt-mt]
_ZN9QSqlQueryC2EP12QSqlDatabase [qt-mt]	_ZN9QSqlQueryC2ERK7QStringP12QSqlDatabase [qt-mt]
ZN9QSqlQueryC2ERKS [qt-mt]	_ZN9QSqlQueryD0Ev [qt-mt]
_ZN9QSqlQueryD1Ev [qt-mt]	_ZN9QSqlQueryD2Ev [qt-mt]
ZN9QSqlQueryaSERKS [qt-mt]	_ZNK10QSqlCursor10isReadOnlyEv [qt-mt]
_ZNK10QSqlCursor12isCalculatedERK7QString [qt-mt]	_ZNK10QSqlCursor12primaryIndexEb [qt-mt]
_ZNK10QSqlCursor4modeEv [qt-mt]	_ZNK10QSqlCursor4nameEv [qt-mt]
_ZNK10QSqlCursor4sortEv [qt-mt]	_ZNK10QSqlCursor5indexEPKc [qt-mt]
_ZNK10QSqlCursor5indexERK11QStringList [qt-mt]	_ZNK10QSqlCursor5indexERK7QString [qt-mt]
_ZNK10QSqlCursor5valueERK7QString [qt-mt]	_ZNK10QSqlCursor5valueEi [qt-mt]
_ZNK10QSqlCursor6filterEv [qt-mt]	_ZNK10QSqlCursor6isNullERK7QString [qt-mt]
_ZNK10QSqlCursor6isNullEi [qt-mt]	_ZNK10QSqlCursor8toStringEP10QSqlRecordRK7QStringS4_S4_ [qt-mt]
ZNK10QSqlCursor8toStringERK7QStringP9QSqlFieldS2 [qt-mt]	_ZNK10QSqlCursor8toStringERK7QStringS2_ [qt-mt]
_ZNK10QSqlCursor8toStringERK9Q	_ZNK10QSqlCursor9canDeleteEv

SqlIndexP10QSqlRecordRK7QString S7_S7_ [qt-mt]	[qt-mt]
_ZNK10QSqlCursor9canInsertEv [qt-mt]	_ZNK10QSqlCursor9canUpdateEv [qt-mt]
_ZNK10QSqlCursor9isTrimmedERK7QString [qt-mt]	_ZNK10QSqlDriver10recordInfoERK7QString [qt-mt]
_ZNK10QSqlDriver10recordInfoERK9QSqlQuery [qt-mt]	_ZNK10QSqlDriver11formatValueEPK9QSqlFieldb [qt-mt]
_ZNK10QSqlDriver11isOpenErrorEv [qt-mt]	_ZNK10QSqlDriver12primaryIndexERK7QString [qt-mt]
_ZNK10QSqlDriver6isOpenEv [qt-mt]	_ZNK10QSqlDriver6recordERK7QString [qt-mt]
_ZNK10QSqlDriver6recordERK9QSqlQuery [qt-mt]	_ZNK10QSqlDriver6tablesERK7QString [qt-mt]
_ZNK10QSqlDriver8nullTextEv [qt-mt]	_ZNK10QSqlDriver9className Ev [qt-mt]
_ZNK10QSqlDriver9lastErrorEv [qt-mt]	_ZNK10QSqlRecord11createFieldEiRK7QString [qt-mt]
_ZNK10QSqlRecord11isGeneratedERK7QString [qt-mt]	_ZNK10QSqlRecord11isGeneratedEi [qt-mt]
_ZNK10QSqlRecord12toStringListERK7QString [qt-mt]	_ZNK10QSqlRecord5countEv [qt-mt]
_ZNK10QSqlRecord5fieldERK7QString [qt-mt]	_ZNK10QSqlRecord5fieldEi [qt-mt]
_ZNK10QSqlRecord5valueERK7QString [qt-mt]	_ZNK10QSqlRecord5valueEi [qt-mt]
_ZNK10QSqlRecord6isNullERK7QString [qt-mt]	_ZNK10QSqlRecord6isNullEi [qt-mt]
_ZNK10QSqlRecord7isEmptyEv [qt-mt]	_ZNK10QSqlRecord8containsERK7QString [qt-mt]
_ZNK10QSqlRecord8positionERK7QString [qt-mt]	_ZNK10QSqlRecord8toStringERK7QStringS2_ [qt-mt]
_ZNK10QSqlRecord9fieldNameEi [qt-mt]	_ZNK10QSqlResult13isForwardOnlyEv [qt-mt]
_ZNK10QSqlResult2atEv [qt-mt]	_ZNK10QSqlResult6driverEv [qt-mt]
_ZNK10QSqlResult7isValidEv [qt-mt]	_ZNK10QSqlResult8isActiveEv [qt-mt]
_ZNK10QSqlResult8isSelectEv [qt-mt]	_ZNK10QSqlResult9lastErrorEv [qt-mt]
_ZNK10QSqlResult9lastQueryEv [qt-mt]	_ZNK12QSqlDatabase10driverNameEv [qt-mt]
_ZNK12QSqlDatabase10recordInfoERK7QString [qt-mt]	_ZNK12QSqlDatabase10recordInfoERK9QSqlQuery [qt-mt]
_ZNK12QSqlDatabase11isOpenErrorEv [qt-mt]	_ZNK12QSqlDatabase12databaseNameEv [qt-mt]

 © 2008 Linux Foundation

_ZNK12QSqlDatabase12primaryIndexERK7QString [qt-mt]	_ZNK12QSqlDatabase14connectOptionsEv [qt-mt]
_ZNK12QSqlDatabase4execERK7QString [qt-mt]	_ZNK12QSqlDatabase4portEv [qt-mt]
_ZNK12QSqlDatabase6driverEv [qt-mt]	_ZNK12QSqlDatabase6isOpenEv [qt-mt]
_ZNK12QSqlDatabase6recordERK7QString [qt-mt]	_ZNK12QSqlDatabase6recordERK9QSqlQuery [qt-mt]
_ZNK12QSqlDatabase6tablesEN4QSql9TableTypeE [qt-mt]	_ZNK12QSqlDatabase6tablesEv [qt-mt]
_ZNK12QSqlDatabase8hostNameEv [qt-mt]	_ZNK12QSqlDatabase8passwordEv [qt-mt]
_ZNK12QSqlDatabase8userNameEv [qt-mt]	_ZNK12QSqlDatabase9classNameEv [qt-mt]
_ZNK12QSqlDatabase9lastErrorEv [qt-mt]	_ZNK13QSqlFieldInfo10isRequiredEv [qt-mt]
_ZNK13QSqlFieldInfo11isGeneratedEv [qt-mt]	_ZNK13QSqlFieldInfo12defaultValueEv [qt-mt]
_ZNK13QSqlFieldInfo12isCalculatedEv [qt-mt]	_ZNK13QSqlFieldInfo4nameEv [qt-mt]
_ZNK13QSqlFieldInfo4typeEv [qt-mt]	_ZNK13QSqlFieldInfo6isTrimEv [qt-mt]
_ZNK13QSqlFieldInfo6lengthEv [qt-mt]	_ZNK13QSqlFieldInfo6typeIDEv [qt-mt]
_ZNK13QSqlFieldInfo7toFieldEv [qt-mt]	_ZNK13QSqlFieldInfo9precisionEv [qt-mt]
ZNK13QSqlFieldInfoeqERKS [qt-mt]	_ZNK14QSqlRecordInfo4findERK7QString [qt-mt]
_ZNK14QSqlRecordInfo8containsERK7QString [qt-mt]	_ZNK14QSqlRecordInfo8toRecordEv [qt-mt]
_ZNK16QSqlDriverPlugin9classNameEv [qt-mt]	_ZNK16QSqlResultShared9classNameEv [qt-mt]
_ZNK17QtSqlCachedResult8colCountEv [qt-mt]	_ZNK8QSqlForm13fieldToWidgetEP9QSqlField [qt-mt]
_ZNK8QSqlForm13widgetToFieldEP7QWidget [qt-mt]	_ZNK8QSqlForm5countEv [qt-mt]
_ZNK8QSqlForm6widgetEj [qt-mt]	_ZNK8QSqlForm9classNameEv [qt-mt]
_ZNK9QSqlError10driverTextEv [qt-mt]	_ZNK9QSqlError11showMessageERK7QString [qt-mt]
_ZNK9QSqlError12databaseTextEv [qt-mt]	_ZNK9QSqlError4textEv [qt-mt]
_ZNK9QSqlError4typeEv [qt-mt]	_ZNK9QSqlError6numberEv [qt-mt]
ZNK9QSqlFieldeqERKS [qt-mt]	_ZNK9QSqlIndex11createFieldEiRK7QStringb [qt-mt]

_ZNK9QSqlIndex12isDescendingEi [qt-mt]	_ZNK9QSqlIndex12toStringListERK7QStringb [qt-mt]
_ZNK9QSqlIndex8toStringERK7QStringS2_b [qt-mt]	_ZNK9QSqlQuery10boundValueERK7QString [qt-mt]
_ZNK9QSqlQuery10boundValueEi [qt-mt]	_ZNK9QSqlQuery11boundValuesEv [qt-mt]
_ZNK9QSqlQuery13executedQueryEv [qt-mt]	_ZNK9QSqlQuery13isForwardOnlyEv [qt-mt]
_ZNK9QSqlQuery15numRowsAffectedEv [qt-mt]	_ZNK9QSqlQuery2atEv [qt-mt]
_ZNK9QSqlQuery4sizeEv [qt-mt]	_ZNK9QSqlQuery5valueEi [qt-mt]
_ZNK9QSqlQuery6driverEv [qt-mt]	_ZNK9QSqlQuery6isNullEi [qt-mt]
_ZNK9QSqlQuery6resultEv [qt-mt]	_ZNK9QSqlQuery7isValidEv [qt-mt]
_ZNK9QSqlQuery8isActiveEv [qt-mt]	_ZNK9QSqlQuery8isSelectEv [qt-mt]
_ZNK9QSqlQuery9lastErrorEv [qt-mt]	_ZNK9QSqlQuery9lastQueryEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 SQL specified in Table 18-310, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-310 libqt-mt - Qt3 SQL Data Interfaces

_ZN10QSqlDriver7metaObjE [qt-mt]	_ZN12QSqlDatabase17defaultConnectionE [qt-mt]
_ZN12QSqlDatabase7metaObjE [qt-mt]	_ZN16QSqlDriverPlugin7metaObjE [qt-mt]
_ZN16QSqlResultShared7metaObjE [qt-mt]	_ZN8QSqlForm7metaObjE [qt-mt]
_ZTI10QSqlCursor [CXXABI]	_ZTI10QSqlDriver [CXXABI]
_ZTI10QSqlRecord [CXXABI]	_ZTI10QSqlResult [CXXABI]
_ZTI12QSqlDatabase [CXXABI]	_ZTI13QSqlFieldInfo [CXXABI]
_ZTI14QEditorFactory [CXXABI]	_ZTI15QSqlPropertyMap [CXXABI]
_ZTI16QSqlDriverPlugin [CXXABI]	_ZTI16QSqlResultShared [CXXABI]
_ZTI16QSqlSelectCursor [CXXABI]	_ZTI17QSqlEditorFactory [CXXABI]
_ZTI17QtSqlCachedResult [CXXABI]	_ZTI8QSqlForm [CXXABI]
_ZTI9QSqlError [CXXABI]	_ZTI9QSqlField [CXXABI]
_ZTI9QSqlIndex [CXXABI]	_ZTI9QSqlQuery [CXXABI]
_ZTV10QSqlCursor [CXXABI]	_ZTV10QSqlDriver [CXXABI]
_ZTV10QSqlRecord [CXXABI]	_ZTV10QSqlResult [CXXABI]
_ZTV12QSqlDatabase [CXXABI]	_ZTV13QSqlFieldInfo [CXXABI]
_ZTV14QEditorFactory [CXXABI]	_ZTV15QSqlPropertyMap [CXXABI]
_ZTV16QSqlDriverPlugin [CXXABI]	_ZTV16QSqlResultShared [CXXABI]
_ZTV16QSqlSelectCursor [CXXABI]	_ZTV17QSqlEditorFactory [CXXABI]

 © 2008 Linux Foundation

_ZTV17QtSqlCachedResult [CXXABI]	_ZTV8QSqlForm [CXXABI]
_ZTV9QSqlError [CXXABI]	_ZTV9QSqlField [CXXABI]
_ZTV9QSqlIndex [CXXABI]	_ZTV9QSqlQuery [CXXABI]

18.2.18 Qt3 Style

18.2.18.1 Class data for QCommonStyle

The virtual table for the QCommonStyle class is described by Table 18-311

Table 18-311 Primary vtable for QCommonStyle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCommonStyle
vfunc[0]:	NULL or QCommonStyle::metaObject() const
vfunc[1]:	QCommonStyle::className() const
vfunc[2]:	QCommonStyle::qt_cast(char const*)
vfunc[3]:	QCommonStyle::qt_invoke(int, QUObject*)
vfunc[4]:	QCommonStyle::qt_emit(int, QUObject*)
vfunc[5]:	QCommonStyle::qt_property(int, int, QVariant*)
vfunc[6]:	QCommonStyle::~QCommonStyle()
vfunc[7]:	QCommonStyle::~QCommonStyle()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

vfunc[21]:	QStyle::polish(QWidget*)
vfunc[22]:	QStyle::unPolish(QWidget*)
vfunc[23]:	QStyle::polish(QApplication*)
vfunc[24]:	QStyle::unPolish(QApplication*)
vfunc[25]:	QStyle::polish(QPalette&)
vfunc[26]:	__cxa_pure_virtual
vfunc[27]:	QStyle::itemRect(QPainter*, QRect const&, int, bool, QPixmap const*, QString const&, int) const
vfunc[28]:	QStyle::drawItem(QPainter*, QRect const&, int, QColorGroup const&, bool, QPixmap const*, QString const&, int, QColor const*) const
vfunc[29]:	QCommonStyle::drawPrimitive(QStyle::PrimitiveElement, QPainter*, QRect const&, QColorGroup const&, unsigned int, QStyleOption const&) const
vfunc[30]:	QCommonStyle::drawControl(QStyle::ControlElement, QPainter*, QWidget const*, QRect const&, QColorGroup const&, unsigned int, QStyleOption const&) const
vfunc[31]:	QCommonStyle::drawControlMask(QStyle::ControlElement, QPainter*, QWidget const*, QRect const&, QStyleOption const&) const
vfunc[32]:	QCommonStyle::subRect(QStyle::SubRect, QWidget const*) const
vfunc[33]:	QCommonStyle::drawComplexControl(QStyle::ComplexControl, QPainter*, QWidget const*, QRect const&, QColorGroup const&, unsigned int, unsigned int, unsigned int, QStyleOption const&) const
vfunc[34]:	QCommonStyle::drawComplexControlMask(QStyle::ComplexControl, QPainter*, QWidget const*, QRect const&, QStyleOption const&) const
vfunc[35]:	QCommonStyle::querySubControlMetrics(QStyle::ComplexControl, QWidget const*, QStyle::SubControl, QStyleOption const&) const
vfunc[36]:	QCommonStyle::querySubControl(QStyle::ComplexControl, QWidget const*, QPoint const&, QStyleOption const&) const

 © 2008 Linux Foundation

vfunc[37]:	QCommonStyle::pixelMetric(QStyle::PixelMetric, QWidget const*) const
vfunc[38]:	QCommonStyle::sizeFromContents(QStyle::ContentsType, QWidget const*, QSize const&, QStyleOption const&) const
vfunc[39]:	QCommonStyle::styleHint(QStyle::StyleHint, QWidget const*, QStyleOption const&, QStyleHintReturn*) const
vfunc[40]:	QCommonStyle::stylePixmap(QStyle::StylePixmap, QWidget const*, QStyleOption const&) const

The Run Time Type Information for the QCommonStyle class is described by Table 18-312

Table 18-312 typeinfo for QCommonStyle

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCommonStyle
basetype:	typeinfo for QStyle

18.2.18.2 Class data for QStyle

The virtual table for the QStyle class is described by Table 18-313

Table 18-313 Primary vtable for QStyle

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStyle
vfunc[0]:	NULL or QStyle::metaObject() const
vfunc[1]:	QStyle::className() const
vfunc[2]:	QStyle::qt_cast(char const*)
vfunc[3]:	QStyle::qt_invoke(int, QUObject*)
vfunc[4]:	QStyle::qt_emit(int, QUObject*)
vfunc[5]:	QStyle::qt_property(int, int, QVariant*)
vfunc[6]:	QStyle::~QStyle()
vfunc[7]:	QStyle::~QStyle()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)

vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QStyle::polish(QWidget*)
vfunc[22]:	QStyle::unPolish(QWidget*)
vfunc[23]:	QStyle::polish(QApplication*)
vfunc[24]:	QStyle::unPolish(QApplication*)
vfunc[25]:	QStyle::polish(QPalette&)
vfunc[26]:	__cxa_pure_virtual
vfunc[27]:	QStyle::itemRect(QPainter*, QRect const&, int, bool, QPixmap const*, QString const&, int) const
vfunc[28]:	QStyle::drawItem(QPainter*, QRect const&, int, QColorGroup const&, bool, QPixmap const*, QString const&, int, QColor const*) const
vfunc[29]:	__cxa_pure_virtual
vfunc[30]:	__cxa_pure_virtual
vfunc[31]:	__cxa_pure_virtual
vfunc[32]:	__cxa_pure_virtual
vfunc[33]:	__cxa_pure_virtual
vfunc[34]:	__cxa_pure_virtual
vfunc[35]:	__cxa_pure_virtual
vfunc[36]:	__cxa_pure_virtual
vfunc[37]:	__cxa_pure_virtual
vfunc[38]:	__cxa_pure_virtual
vfunc[39]:	__cxa_pure_virtual
vfunc[40]:	__cxa_pure_virtual

The Run Time Type Information for the QStyle class is described by Table 18-314

 © 2008 Linux Foundation

Table 18-314 typeinfo for QStyle

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStyle
basetype:	typeinfo for QObject

18.2.18.3 Interfaces for Qt3 Style

An LSB conforming implementation shall provide the generic functions for Qt3 Style specified in Table 18-315, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-315 libqt-mt - Qt3 Style Function Interfaces

_ZN12QCommonStyle11qt_propertyEiiP8QVariant [qt-mt]	_ZN12QCommonStyle16staticMetaObjectEv [qt-mt]
_ZN12QCommonStyle18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN12QCommonStyle2trEPKcS1_ [qt-mt]
ZN12QCommonStyle6trUtf8EPKcS1 [qt-mt]	_ZN12QCommonStyle7qt_castEPKc [qt-mt]
_ZN12QCommonStyle7qt_emitEiP8QUObject [qt-mt]	_ZN12QCommonStyle9qt_invokeEiP8QUObject [qt-mt]
_ZN12QCommonStyleC1Ev [qt-mt]	_ZN12QCommonStyleC2Ev [qt-mt]
_ZN12QCommonStyleD0Ev [qt-mt]	_ZN12QCommonStyleD1Ev [qt-mt]
_ZN12QCommonStyleD2Ev [qt-mt]	_ZN13QStyleFactory4keysEv [qt-mt]
_ZN13QStyleFactory6createERK7QString [qt-mt]	_ZN6QStyle10visualRectERK5QRectPK7QWidget [qt-mt]
ZN6QStyle10visualRectERK5QRectS2 [qt-mt]	_ZN6QStyle11qt_propertyEiiP8QVariant [qt-mt]
_ZN6QStyle15polishPopupMenuEP10QPopupMenu [qt-mt]	_ZN6QStyle16staticMetaObjectEv [qt-mt]
_ZN6QStyle18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN6QStyle2trEPKcS1_ [qt-mt]
_ZN6QStyle6polishEP12QApplication [qt-mt]	_ZN6QStyle6polishEP7QWidget [qt-mt]
_ZN6QStyle6polishER8QPalette [qt-mt]	_ZN6QStyle6trUtf8EPKcS1_ [qt-mt]
_ZN6QStyle7qt_castEPKc [qt-mt]	_ZN6QStyle7qt_emitEiP8QUObject [qt-mt]
_ZN6QStyle8unPolishEP12QApplication [qt-mt]	_ZN6QStyle8unPolishEP7QWidget [qt-mt]
_ZN6QStyle9qt_invokeEiP8QUObject [qt-mt]	_ZN6QStyleC1Ev [qt-mt]
_ZN6QStyleC2Ev [qt-mt]	_ZN6QStyleD0Ev [qt-mt]
_ZN6QStyleD1Ev [qt-mt]	_ZN6QStyleD2Ev [qt-mt]
_ZNK12QCommonStyle11drawControlEN6QStyle14ControlElementEP8	_ZNK12QCommonStyle11pixelMetricEN6QStyle11PixelMetricEPK7QWi

QPainterPK7QWidgetRK5QRectRK11QColorGroupjRK12QStyleOption [qt-mt]	dget [qt-mt]
_ZNK12QCommonStyle11stylePixmapEN6QStyle11StylePixmapEPK7QWidgetRK12QStyleOption [qt-mt]	_ZNK12QCommonStyle13drawPrimitiveEN6QStyle16PrimitiveElementEP8QPainterRK5QRectRK11QColorGroupjRK12QStyleOption [qt-mt]
_ZNK12QCommonStyle15drawControlMaskEN6QStyle14ControlElementEP8QPainterPK7QWidgetRK5QRectRK12QStyleOption [qt-mt]	_ZNK12QCommonStyle15querySubControlEN6QStyle14ComplexControlEPK7QWidgetRK6QPointRK12QStyleOption [qt-mt]
_ZNK12QCommonStyle16sizeFromContentsEN6QStyle12ContentsTypeEPK7QWidgetRK5QSizeRK12QStyleOption [qt-mt]	_ZNK12QCommonStyle18drawComplexControlEN6QStyle14ComplexControlEP8QPainterPK7QWidgetRK5QRectRK11QColorGroupjjjRK12QStyleOption [qt-mt]
_ZNK12QCommonStyle22drawComplexControlMaskEN6QStyle14ComplexControlEP8QPainterPK7QWidgetRK5QRectRK12QStyleOption [qt-mt]	_ZNK12QCommonStyle22querySubControlMetricsEN6QStyle14ComplexControlEPK7QWidgetNS0_10SubControlERK12QStyleOption [qt-mt]
_ZNK12QCommonStyle7subRectEN6QStyle7SubRectEPK7QWidget [qt-mt]	_ZNK12QCommonStyle9classNameEv [qt-mt]
_ZNK12QCommonStyle9styleHintEN6QStyle9StyleHintEPK7QWidgetRK12QStyleOptionP16QStyleHintReturn [qt-mt]	_ZNK6QStyle8drawItemEP8QPainterRK5QRectiRK11QColorGroupbPK7QPixmapRK7QStringiPK6QColor [qt-mt]
_ZNK6QStyle8itemRectEP8QPainterRK5QRectibPK7QPixmapRK7QStringi [qt-mt]	_ZNK6QStyle9classNameEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Style specified in Table 18-316, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-316 libqt-mt - Qt3 Style Data Interfaces

_ZN12QCommonStyle7metaObjE [qt-mt]	_ZN6QStyle7metaObjE [qt-mt]
_ZTI12QCommonStyle [CXXABI]	_ZTI6QStyle [CXXABI]
_ZTV12QCommonStyle [CXXABI]	_ZTV6QStyle [CXXABI]

18.2.19 Qt3 Text

18.2.19.1 Class data for QSyntaxHighlighter

The virtual table for the QSyntaxHighlighter class is described by Table 18-317

Table 18-317 Primary vtable for QSyntaxHighlighter

Base Offset	0
Virtual Base Offset	0

 © 2008 Linux Foundation

RTTI	typeinfo for QSyntaxHighlighter
vfunc[0]:	QSyntaxHighlighter::~QSyntaxHighlighter()
vfunc[1]:	QSyntaxHighlighter::~QSyntaxHighlighter()
vfunc[2]:	__cxa_pure_virtual

The Run Time Type Information for the QSyntaxHighlighter class is described by Table 18-318

Table 18-318 typeinfo for QSyntaxHighlighter

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSyntaxHighlighter
basetype:	typeinfo for Qt

18.2.19.2 Class data for QStyleSheet

The virtual table for the QStyleSheet class is described by Table 18-319

Table 18-319 Primary vtable for QStyleSheet

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStyleSheet
vfunc[0]:	NULL or QStyleSheet::metaObject() const
vfunc[1]:	QStyleSheet::className() const
vfunc[2]:	QStyleSheet::qt_cast(char const*)
vfunc[3]:	QStyleSheet::qt_invoke(int, QUObject*)
vfunc[4]:	QStyleSheet::qt_emit(int, QUObject*)
vfunc[5]:	QStyleSheet::qt_property(int, int, QVariant*)
vfunc[6]:	QStyleSheet::~QStyleSheet()
vfunc[7]:	QStyleSheet::~QStyleSheet()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)

vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QStyleSheet::tag(QString const&, QMap<QString, QString> const&, QString const&, QMimeSourceFactory const&, bool, QTextDocument*) const
vfunc[22]:	QStyleSheet::scaleFont(QFont&, int) const
vfunc[23]:	QStyleSheet::error(QString const&) const

The Run Time Type Information for the QStyleSheet class is described by Table 18-320

Table 18-320 typeinfo for QStyleSheet

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStyleSheet
basetype:	typeinfo for QObject

18.2.19.3 Class data for QStrList

The virtual table for the QStrList class is described by Table 18-321

Table 18-321 Primary vtable for QStrList

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStrList
vfunc[0]:	NULL or QPtrList<char>::count() const
vfunc[1]:	NULL or QPtrList<char>::clear()
vfunc[2]:	NULL or QStrList::~QStrList()
vfunc[3]:	NULL or QStrList::~QStrList()
vfunc[4]:	NULL or QStrList::newItem(void*)
vfunc[5]:	NULL or QStrList::deleteItem(void*)
vfunc[6]:	NULL or QStrList::compareItems(void*, void*)
vfunc[7]:	NULL or QStrList::read(QDataStream&, void*&)

© 2008 Linux Foundation

vfunc[8]:	NULL or QStrList::write(QDataStream&, void*) const

The Run Time Type Information for the QStrList class is described by Table 18-322

Table 18-322 typeinfo for QStrList

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStrList
basetype:	typeinfo for QPtrList<char>

18.2.19.4 Class data for QCString

The virtual table for the QCString class is described by Table 18-323

Table 18-323 Primary vtable for QCString

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCString
vfunc[0]:	QCString::~QCString()
vfunc[1]:	QCString::~QCString()
vfunc[2]:	NULL or QMemArray<char>::detach()
vfunc[3]:	QGArray::newData()
vfunc[4]:	QGArray::deleteData(QGArray::array_data*)

The Run Time Type Information for the QCString class is described by Table 18-324

Table 18-324 typeinfo for QCString

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCString
basetype:	typeinfo for QMemArray<char>

18.2.19.5 Interfaces for Qt3 Text

An LSB conforming implementation shall provide the generic functions for Qt3 Text specified in Table 18-325, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-325 libqt-mt - Qt3 Text Function Interfaces

_ZN11QStringData10deleteSelfEv [qt-mt]	_ZN11QStringList11fromStrListERK8QStrList [qt-mt]
_ZN11QStringList4gresERK7QRegExpRK7QString [qt-mt]	_ZN11QStringList4gresERK7QStringS2_b [qt-mt]

_ZN11QStringList4sortEv [qt-mt]	_ZN11QStringList5splitERK5QCharRK7QStringb [qt-mt]
_ZN11QStringList5splitERK7QRegExpRK7QStringb [qt-mt]	_ZN11QStringList5splitERK7QStringS2_b [qt-mt]
_ZN11QStyleSheet11qt_propertyEiiP8QVariant [qt-mt]	_ZN11QStyleSheet12defaultSheetEv [qt-mt]
_ZN11QStyleSheet15mightBeRichTextERK7QString [qt-mt]	_ZN11QStyleSheet15setDefaultSheetEPS_ [qt-mt]
_ZN11QStyleSheet16staticMetaObjectEv [qt-mt]	_ZN11QStyleSheet18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN11QStyleSheet20convertFromPlainTextERK7QStringN15QStyleSheetItem14WhiteSpaceModeE [qt-mt]	_ZN11QStyleSheet2trEPKcS1_ [qt-mt]
_ZN11QStyleSheet4initEv [qt-mt]	_ZN11QStyleSheet4itemERK7QString [qt-mt]
_ZN11QStyleSheet6escapeERK7QString [qt-mt]	_ZN11QStyleSheet6insertEP15QStyleSheetItem [qt-mt]
ZN11QStyleSheet6trUtf8EPKcS1 [qt-mt]	_ZN11QStyleSheet7qt_castEPKc [qt-mt]
_ZN11QStyleSheet7qt_emitEiP8QUObject [qt-mt]	_ZN11QStyleSheet9qt_invokeEiP8QUObject [qt-mt]
_ZN11QStyleSheetC1EP7QObjectPKc [qt-mt]	_ZN11QStyleSheetC2EP7QObjectPKc [qt-mt]
_ZN11QStyleSheetD0Ev [qt-mt]	_ZN11QStyleSheetD1Ev [qt-mt]
_ZN11QStyleSheetD2Ev [qt-mt]	_ZN11QTextFormat10setPainterEP8QPainter [qt-mt]
_ZN11QTextFormat11generateKeyEv [qt-mt]	_ZN11QTextFormat12setPointSizeEi [qt-mt]
_ZN11QTextFormat12setStrikeOutEb [qt-mt]	_ZN11QTextFormat12setUnderlineEb [qt-mt]
_ZN11QTextFormat13setMisspelledEb [qt-mt]	_ZN11QTextFormat6getKeyERK5QFontRK6QColorbNS_17VerticalAlignmentE [qt-mt]
_ZN11QTextFormat6updateEv [qt-mt]	_ZN11QTextFormat7painterEv [qt-mt]
_ZN11QTextFormat7setBoldEb [qt-mt]	_ZN11QTextFormat7setFontERK5QFont [qt-mt]
_ZN11QTextFormat8setColorERK6QColor [qt-mt]	_ZN11QTextFormat9applyFontERK5QFont [qt-mt]
_ZN11QTextFormat9setFamilyERK7QString [qt-mt]	_ZN11QTextFormat9setItalicEb [qt-mt]
_ZN11QTextFormat9setVAlignENS_17VerticalAlignmentE [qt-mt]	_ZN11QTextFormatC1EPK15QStyleSheetItem [qt-mt]
_ZN11QTextFormatC1ERK5QFontRK6QColorP21QTextFormatCollection [qt-mt]	_ZN11QTextFormatC1ERKS_ [qt-mt]

 © 2008 Linux Foundation

_ZN11QTextFormatC1Ev [qt-mt]	_ZN11QTextFormatC2EPK15QStyleSheetItem [qt-mt]
_ZN11QTextFormatC2ERK5QFontRK6QColorP21QTextFormatCollection [qt-mt]	_ZN11QTextFormatC2ERKS_ [qt-mt]
_ZN11QTextFormatC2Ev [qt-mt]	_ZN11QTextFormatD0Ev [qt-mt]
_ZN11QTextFormatD1Ev [qt-mt]	_ZN11QTextFormatD2Ev [qt-mt]
ZN11QTextFormataSERKS [qt-mt]	_ZN12QConstStringC1EPK5QCharj [qt-mt]
_ZN12QConstStringC2EPK5QCharj [qt-mt]	_ZN12QConstStringD1Ev [qt-mt]
_ZN12QConstStringD2Ev [qt-mt]	_ZN15QSimpleRichText10adjustSizeEv [qt-mt]
_ZN15QSimpleRichText14setDefaultFontERK5QFont [qt-mt]	_ZN15QSimpleRichText8setWidthEP8QPainteri [qt-mt]
_ZN15QSimpleRichText8setWidthEi [qt-mt]	_ZN15QSimpleRichTextC1ERK7QStringRK5QFontS2_PK11QStyleSheet [qt-mt]
_ZN15QSimpleRichTextC1ERK7QStringRK5QFontS2_PK11QStyleSheetPK18QMimeSourceFactoryiRK6QColorb [qt-mt]	_ZN15QSimpleRichTextC2ERK7QStringRK5QFontS2_PK11QStyleSheet [qt-mt]
_ZN15QSimpleRichTextC2ERK7QStringRK5QFontS2_PK11QStyleSheetPK18QMimeSourceFactoryiRK6QColorb [qt-mt]	_ZN15QSimpleRichTextD1Ev [qt-mt]
_ZN15QSimpleRichTextD2Ev [qt-mt]	_ZN15QStyleSheetItem10styleSheetEv [qt-mt]
_ZN15QStyleSheetItem11setContextsERK7QString [qt-mt]	_ZN15QStyleSheetItem11setFontSizeEi [qt-mt]
_ZN15QStyleSheetItem12setAlignmentEi [qt-mt]	_ZN15QStyleSheetItem12setListStyleENS_9ListStyleE [qt-mt]
_ZN15QStyleSheetItem13setFontFamilyERK7QString [qt-mt]	_ZN15QStyleSheetItem13setFontItalicEb [qt-mt]
_ZN15QStyleSheetItem13setFontWeightEi [qt-mt]	_ZN15QStyleSheetItem14setDisplayModeENS_11DisplayModeE [qt-mt]
_ZN15QStyleSheetItem14setLineSpacingEi [qt-mt]	_ZN15QStyleSheetItem14setSelfNestingEb [qt-mt]
_ZN15QStyleSheetItem16setFontStrikeOutEb [qt-mt]	_ZN15QStyleSheetItem16setFontUnderlineEb [qt-mt]
_ZN15QStyleSheetItem17setWhiteSpaceModeENS_14WhiteSpaceModeE [qt-mt]	_ZN15QStyleSheetItem18setLogicalFontSizeEi [qt-mt]
_ZN15QStyleSheetItem18setNumberOfColumnsEi [qt-mt]	_ZN15QStyleSheetItem20setVerticalAlignmentENS_17VerticalAlignmentE [qt-mt]

_ZN15QStyleSheetItem22setLogicalFontSizeStepEi [qt-mt]	_ZN15QStyleSheetItem4initEv [qt-mt]
_ZN15QStyleSheetItem8setColorERK6QColor [qt-mt]	_ZN15QStyleSheetItem9setAnchorEb [qt-mt]
_ZN15QStyleSheetItem9setMarginENS_6MarginEi [qt-mt]	_ZN15QStyleSheetItemC1EP11QStyleSheetRK7QString [qt-mt]
ZN15QStyleSheetItemC1ERKS [qt-mt]	_ZN15QStyleSheetItemC2EP11QStyleSheetRK7QString [qt-mt]
ZN15QStyleSheetItemC2ERKS [qt-mt]	_ZN15QStyleSheetItemD1Ev [qt-mt]
_ZN15QStyleSheetItemD2Ev [qt-mt]	_ZN15QStyleSheetItemaSERKS_ [qt-mt]
_ZN18QSyntaxHighlighter11rehighlightEv [qt-mt]	_ZN18QSyntaxHighlighter9setFormatEiiRK5QFont [qt-mt]
_ZN18QSyntaxHighlighter9setFormatEiiRK5QFontRK6QColor [qt-mt]	_ZN18QSyntaxHighlighter9setFormatEiiRK6QColor [qt-mt]
_ZN18QSyntaxHighlighterC1EP9QTextEdit [qt-mt]	_ZN18QSyntaxHighlighterC2EP9QTextEdit [qt-mt]
_ZN18QSyntaxHighlighterD0Ev [qt-mt]	_ZN18QSyntaxHighlighterD1Ev [qt-mt]
_ZN18QSyntaxHighlighterD2Ev [qt-mt]	_ZN7QString10fromLatin1EPKci [qt-mt]
_ZN7QString10setUnicodeEPK5QCharj [qt-mt]	_ZN7QString11real_detachEv [qt-mt]
_ZN7QString12insertHelperEjPKcj [qt-mt]	_ZN7QString13fromLocal8BitEPKci [qt-mt]
_ZN7QString14makeSharedNullEv [qt-mt]	_ZN7QString15latin1ToUnicodeEPKcPjj [qt-mt]
_ZN7QString15latin1ToUnicodeERK9QMemArrayIcEPj [qt-mt]	_ZN7QString15setUnicodeCodesEPKtj [qt-mt]
_ZN7QString15unicodeToLatin1EPK5QCharj [qt-mt]	_ZN7QString20operatorPlusEqHelperEPKcj [qt-mt]
_ZN7QString4fillE5QChari [qt-mt]	_ZN7QString4growEj [qt-mt]
_ZN7QString5derefEv [qt-mt]	_ZN7QString5subatEj [qt-mt]
_ZN7QString6insertEj5QChar [qt-mt]	_ZN7QString6insertEjPK5QCharj [qt-mt]
ZN7QString6insertEjRKS [qt-mt]	_ZN7QString6numberEdci [qt-mt]
_ZN7QString6numberEii [qt-mt]	_ZN7QString6numberEji [qt-mt]
_ZN7QString6numberEli [qt-mt]	_ZN7QString6numberEmi [qt-mt]
_ZN7QString6numberExi [qt-mt]	_ZN7QString6numberEyi [qt-mt]
_ZN7QString6removeE5QChar [qt-mt]	_ZN7QString6removeEPKc [qt-mt]
_ZN7QString6removeERK7QRegExp [qt-mt]	_ZN7QString6removeERKS_ [qt-mt]
_ZN7QString6removeERKS_b [qt-	_ZN7QString6removeEjj [qt-mt]

 © 2008 Linux Foundation

mt]	
_ZN7QString6setNumEdci [qt-mt]	_ZN7QString6setNumEli [qt-mt]
_ZN7QString6setNumEmi [qt-mt]	_ZN7QString6setNumExi [qt-mt]
_ZN7QString6setNumEyi [qt-mt]	_ZN7QString7composeEv [qt-mt]
_ZN7QString7prependEPKc [qt-mt]	_ZN7QString7replaceE5QCharRKS_ [qt-mt]
ZN7QString7replaceE5QCharRKS b [qt-mt]	_ZN7QString7replaceE5QCharS0_ [qt-mt]
ZN7QString7replaceERK7QRegExp RKS [qt-mt]	_ZN7QString7replaceERKS_S1_ [qt-mt]
_ZN7QString7replaceERKS_S1_b [qt-mt]	_ZN7QString7replaceEjj5QChar [qt-mt]
_ZN7QString7replaceEjjPK5QCharj [qt-mt]	_ZN7QString7replaceEjjRKS_ [qt-mt]
_ZN7QString7reserveEj [qt-mt]	_ZN7QString7sprintfEPKcz [qt-mt]
_ZN7QString7squeezeEv [qt-mt]	_ZN7QString8fromUcs2EPKt [qt-mt]
_ZN7QString8fromUtf8EPKci [qt-mt]	_ZN7QString8setAsciiEPKci [qt-mt]
_ZN7QString8truncateEj [qt-mt]	_ZN7QString9fromAsciiEPKci [qt-mt]
_ZN7QString9setExpandEj5QChar [qt-mt]	_ZN7QString9setLatin1EPKci [qt-mt]
_ZN7QString9setLengthEj [qt-mt]	_ZN7QStringC1E5QChar [qt-mt]
_ZN7QStringC1EPK5QCharj [qt-mt]	_ZN7QStringC1EPKc [qt-mt]
_ZN7QStringC1ERK9QMemArrayIc E [qt-mt]	_ZN7QStringC1ERKS_ [qt-mt]
_ZN7QStringC1ERKSs [qt-mt]	_ZN7QStringC1Eib [qt-mt]
_ZN7QStringC2E5QChar [qt-mt]	_ZN7QStringC2EPK5QCharj [qt-mt]
_ZN7QStringC2EPKc [qt-mt]	_ZN7QStringC2ERK9QMemArrayIc E [qt-mt]
ZN7QStringC2ERKS [qt-mt]	_ZN7QStringC2ERKSs [qt-mt]
_ZN7QStringC2Eib [qt-mt]	_ZN7QStringaSEPKc [qt-mt]
_ZN7QStringaSERK8QCString [qt-mt]	_ZN7QStringaSERKS_ [qt-mt]
_ZN7QStringpLE5QChar [qt-mt]	_ZN7QStringpLEPKc [qt-mt]
ZN7QStringpLERKS [qt-mt]	_ZN7QStringpLEc [qt-mt]
_ZN8QCString4fillEci [qt-mt]	_ZN8QCString6insertEjPKc [qt-mt]
_ZN8QCString6insertEjc [qt-mt]	_ZN8QCString6removeEjj [qt-mt]
_ZN8QCString6resizeEj [qt-mt]	_ZN8QCString6setNumEdci [qt-mt]
_ZN8QCString6setNumEl [qt-mt]	_ZN8QCString6setNumEm [qt-mt]
_ZN8QCString6setStrEPKc [qt-mt]	_ZN8QCString7replaceEPKcS1_ [qt-mt]
_ZN8QCString7replaceERK7QRegEx	_ZN8QCString7replaceEcPKc [qt-

pPKc [qt-mt]	mt]
_ZN8QCString7replaceEcc [qt-mt]	_ZN8QCString7replaceEjjPKc [qt-mt]
_ZN8QCString7sprintfEPKcz [qt-mt]	_ZN8QCString9setExpandEjc [qt-mt]
_ZN8QCStringC1EPKc [qt-mt]	_ZN8QCStringC1EPKcj [qt-mt]
_ZN8QCStringC1Ei [qt-mt]	_ZN8QCStringC2EPKc [qt-mt]
_ZN8QCStringC2EPKcj [qt-mt]	_ZN8QCStringC2Ei [qt-mt]
_ZN8QCStringD0Ev [qt-mt]	_ZN8QCStringD1Ev [qt-mt]
_ZN8QCStringD2Ev [qt-mt]	_ZN8QCStringpLEPKc [qt-mt]
_ZN8QCStringpLEc [qt-mt]	_ZNK11QStringList4grepERK7QRegExp [qt-mt]
_ZNK11QStringList4grepERK7QStringb [qt-mt]	_ZNK11QStringList4joinERK7QString [qt-mt]
_ZNK11QStyleSheet3tagERK7QStringRK4QMapIS0_S0_ES2_RK18QMimeSourceFactorybP13QTextDocument [qt-mt]	_ZNK11QStyleSheet4itemERK7QString [qt-mt]
_ZNK11QStyleSheet5errorERK7QString [qt-mt]	_ZNK11QStyleSheet9classNameEv [qt-mt]
_ZNK11QStyleSheet9scaleFontER5QFonti [qt-mt]	_ZNK11QTextFormat14makeTextFormatEPK15QStyleSheetItemRK4QMapI7QStringS4_Ed [qt-mt]
_ZNK11QTextFormat14minLeftBearingEv [qt-mt]	_ZNK11QTextFormat15minRightBearingEv [qt-mt]
_ZNK11QTextFormat17makeFormatEndTagsEPS_RK7QString [qt-mt]	_ZNK11QTextFormat20makeFormatChangeTagsEPS_S0_RK7QStringS3_ [qt-mt]
_ZNK11QTextFormat5widthERK5QChar [qt-mt]	_ZNK11QTextFormat5widthERK7QStringi [qt-mt]
_ZNK11QTextFormat6ascentEv [qt-mt]	_ZNK11QTextFormat6heightEv [qt-mt]
_ZNK11QTextFormat7descentEv [qt-mt]	_ZNK11QTextFormat7leadingEv [qt-mt]
_ZNK15QSimpleRichText4drawEP8QPainteriiRK5QRectRK11QColorGroupPK6QBrush [qt-mt]	_ZNK15QSimpleRichText5widthEv [qt-mt]
_ZNK15QSimpleRichText6heightEv [qt-mt]	_ZNK15QSimpleRichText6inTextERK6QPoint [qt-mt]
_ZNK15QSimpleRichText7contextEv [qt-mt]	_ZNK15QSimpleRichText8anchorAtERK6QPoint [qt-mt]
_ZNK15QSimpleRichText9widthUsedEv [qt-mt]	_ZNK15QStyleSheetItem10fontFamilyEv [qt-mt]
_ZNK15QStyleSheetItem10fontItalicEv [qt-mt]	_ZNK15QStyleSheetItem10fontWeightEv [qt-mt]
_ZNK15QStyleSheetItem10styleShee	_ZNK15QStyleSheetItem11displayM

 © 2008 Linux Foundation

tEv [qt-mt]	odeEv [qt-mt]
_ZNK15QStyleSheetItem11lineSpacingEv [qt-mt]	_ZNK15QStyleSheetItem11selfNestingEv [qt-mt]
_ZNK15QStyleSheetItem13fontStrikeOutEv [qt-mt]	_ZNK15QStyleSheetItem13fontUnderlineEv [qt-mt]
_ZNK15QStyleSheetItem14whiteSpaceModeEv [qt-mt]	_ZNK15QStyleSheetItem15logicalFontSizeEv [qt-mt]
_ZNK15QStyleSheetItem15numberOfColumnsEv [qt-mt]	_ZNK15QStyleSheetItem16allowedInContextEPKS_ [qt-mt]
_ZNK15QStyleSheetItem17definesFontItalicEv [qt-mt]	_ZNK15QStyleSheetItem17verticalAlignmentEv [qt-mt]
_ZNK15QStyleSheetItem19logicalFontSizeStepEv [qt-mt]	_ZNK15QStyleSheetItem20definesFontStrikeOutEv [qt-mt]
_ZNK15QStyleSheetItem20definesFontUnderlineEv [qt-mt]	_ZNK15QStyleSheetItem4nameEv [qt-mt]
_ZNK15QStyleSheetItem5colorEv [qt-mt]	_ZNK15QStyleSheetItem6marginENS_6MarginE [qt-mt]
_ZNK15QStyleSheetItem8contextsEv [qt-mt]	_ZNK15QStyleSheetItem8fontSizeEv [qt-mt]
_ZNK15QStyleSheetItem8isAnchorEv [qt-mt]	_ZNK15QStyleSheetItem9alignmentEv [qt-mt]
_ZNK15QStyleSheetItem9listStyleEv [qt-mt]	_ZNK18QSyntaxHighlighter16currentParagraphEv [qt-mt]
_ZNK5QChar10digitValueEv [qt-mt]	_ZNK5QChar12mirroredCharEv [qt-mt]
_ZNK5QChar13decompositionEv [qt-mt]	_ZNK5QChar14combiningClassEv [qt-mt]
_ZNK5QChar16decompositionTagEv [qt-mt]	_ZNK5QChar16isLetterOrNumberEv [qt-mt]
_ZNK5QChar5lowerEv [qt-mt]	_ZNK5QChar5upperEv [qt-mt]
_ZNK5QChar6isMarkEv [qt-mt]	_ZNK5QChar7isDigitEv [qt-mt]
_ZNK5QChar7isPrintEv [qt-mt]	_ZNK5QChar7isPunctEv [qt-mt]
_ZNK5QChar7isSpaceEv [qt-mt]	_ZNK5QChar7joiningEv [qt-mt]
_ZNK5QChar8categoryEv [qt-mt]	_ZNK5QChar8isLetterEv [qt-mt]
_ZNK5QChar8isNumberEv [qt-mt]	_ZNK5QChar8isSymbolEv [qt-mt]
_ZNK5QChar8mirroredEv [qt-mt]	_ZNK5QChar9directionEv [qt-mt]
ZNK7QString10startsWithERKS [qt-mt]	_ZNK7QString10startsWithERKS_b [qt-mt]
_ZNK7QString10toLongLongEPbi [qt-mt]	_ZNK7QString11leftJustifyEj5QCharb [qt-mt]
_ZNK7QString11toULongLongEPbi [qt-mt]	_ZNK7QString12rightJustifyEj5QCharb [qt-mt]
_ZNK7QString13isRightToLeftEv [qt-mt]	_ZNK7QString15checkSimpleTextEv [qt-mt]

_ZNK7QString15stripWhiteSpaceEv [qt-mt]	_ZNK7QString18localeAwareCompareERKS_ [qt-mt]
_ZNK7QString18simplifyWhiteSpaceEv [qt-mt]	_ZNK7QString3argE5QChari [qt-mt]
_ZNK7QString3argERKS_i [qt-mt]	_ZNK7QString3argEci [qt-mt]
_ZNK7QString3argEdici [qt-mt]	_ZNK7QString3argElii [qt-mt]
_ZNK7QString3argEmii [qt-mt]	_ZNK7QString3argExii [qt-mt]
_ZNK7QString3argEyii [qt-mt]	_ZNK7QString3midEjj [qt-mt]
_ZNK7QString4findE5QCharib [qt-mt]	_ZNK7QString4findERK7QRegExpi [qt-mt]
_ZNK7QString4findERKS_ib [qt-mt]	_ZNK7QString4leftEj [qt-mt]
_ZNK7QString4ucs2Ev [qt-mt]	_ZNK7QString4utf8Ev [qt-mt]
_ZNK7QString5asciiEv [qt-mt]	_ZNK7QString5lowerEv [qt-mt]
_ZNK7QString5rightEj [qt-mt]	_ZNK7QString5toIntEPbi [qt-mt]
_ZNK7QString5upperEv [qt-mt]	_ZNK7QString6latin1Ev [qt-mt]
_ZNK7QString6toLongEPbi [qt-mt]	_ZNK7QString6toUIntEPbi [qt-mt]
ZNK7QString7compareERKS [qt-mt]	_ZNK7QString7findRevE5QCharib [qt-mt]
_ZNK7QString7findRevERK7QRegExpi [qt-mt]	_ZNK7QString7findRevERKS_ib [qt-mt]
_ZNK7QString7sectionERK7QRegExpiii [qt-mt]	_ZNK7QString7sectionERKS_iii [qt-mt]
_ZNK7QString7toFloatEPb [qt-mt]	_ZNK7QString7toShortEPbi [qt-mt]
_ZNK7QString7toULongEPbi [qt-mt]	_ZNK7QString8containsE5QCharb [qt-mt]
_ZNK7QString8containsEPKcb [qt-mt]	_ZNK7QString8containsERK7QRegExp [qt-mt]
_ZNK7QString8containsERKS_b [qt-mt]	_ZNK7QString8endsWithERKS_ [qt-mt]
_ZNK7QString8endsWithERKS_b [qt-mt]	_ZNK7QString8multiArgEiRKS_S1_S1_S1_ [qt-mt]
_ZNK7QString8toDoubleEPb [qt-mt]	_ZNK7QString8toUShortEPbi [qt-mt]
_ZNK7QString9local8BitEv [qt-mt]	_ZNK8QCString11leftJustifyEjcb [qt-mt]
_ZNK8QCString12rightJustifyEjcb [qt-mt]	_ZNK8QCString15stripWhiteSpaceEv [qt-mt]
_ZNK8QCString18simplifyWhiteSpaceEv [qt-mt]	_ZNK8QCString3midEjj [qt-mt]
_ZNK8QCString4findEPKcib [qt-mt]	_ZNK8QCString4findEPKcibj [qt-mt]
_ZNK8QCString4findERK7QRegExpi [qt-mt]	_ZNK8QCString4findEcib [qt-mt]
_ZNK8QCString4leftEj [qt-mt]	_ZNK8QCString5lowerEv [qt-mt]

 © 2008 Linux Foundation

_ZNK8QCString5rightEj [qt-mt]	_ZNK8QCString5toIntEPb [qt-mt]
_ZNK8QCString5upperEv [qt-mt]	_ZNK8QCString6toLongEPb [qt-mt]
_ZNK8QCString6toUIntEPb [qt-mt]	_ZNK8QCString7findRevEPKcib [qt-mt]
_ZNK8QCString7findRevERK7QRegExpi [qt-mt]	_ZNK8QCString7findRevEcib [qt-mt]
_ZNK8QCString7toFloatEPb [qt-mt]	_ZNK8QCString7toShortEPb [qt-mt]
_ZNK8QCString7toULongEPb [qt-mt]	_ZNK8QCString8containsEPKcb [qt-mt]
_ZNK8QCString8containsERK7QRegExp [qt-mt]	_ZNK8QCString8containsEcb [qt-mt]
_ZNK8QCString8toDoubleEPb [qt-mt]	_ZNK8QCString8toUShortEPb [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Text specified in Table 18-326, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-326 libqt-mt - Qt3 Text Data Interfaces

_ZN11QStyleSheet7metaObjE [qt-mt]	_ZN5QChar11replacementE [qt-mt]
_ZN5QChar13byteOrderMarkE [qt-mt]	_ZN5QChar16byteOrderSwappedE [qt-mt]
_ZN5QChar4nbspE [qt-mt]	_ZN5QChar4nullE [qt-mt]
_ZN7QString11shared_nullE [qt-mt]	_ZN7QString4nullE [qt-mt]
_ZTI11QStyleSheet [CXXABI]	_ZTI18QSyntaxHighlighter [CXXABI]
_ZTI8QCString [CXXABI]	_ZTI8QStrList [CXXABI]
_ZTV11QStyleSheet [CXXABI]	_ZTV18QSyntaxHighlighter [CXXABI]
_ZTV8QCString [CXXABI]	_ZTV8QStrList [CXXABI]

18.2.20 Qt3 Threading

18.2.20.1 Class data for QWaitCondition

The virtual table for the QWaitCondition class is described by Table 18-327

Table 18-327 Primary vtable for QWaitCondition

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWaitCondition
vfunc[0]:	QWaitCondition::~QWaitCondition()
vfunc[1]:	QWaitCondition::~QWaitCondition()

The Run Time Type Information for the QWaitCondition class is described by Table 18-328

Table 18-328 typeinfo for QWaitCondition

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QWaitCondition

18.2.20.2 Class data for QMutex

The virtual table for the QMutex class is described by Table 18-329

Table 18-329 Primary vtable for QMutex

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMutex
vfunc[0]:	QMutex::~QMutex()
vfunc[1]:	QMutex::~QMutex()

The Run Time Type Information for the QMutex class is described by Table 18-330

Table 18-330 typeinfo for QMutex

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QMutex

18.2.20.3 Class data for QThread

The virtual table for the QThread class is described by Table 18-331

Table 18-331 Primary vtable for QThread

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QThread
vfunc[0]:	QThread::~QThread()
vfunc[1]:	QThread::~QThread()
vfunc[2]:	__cxa_pure_virtual

The Run Time Type Information for the QThread class is described by Table 18-332

Table 18-332 typeinfo for QThread

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QThread
basetype:	typeinfo for Qt

 © 2008 Linux Foundation

18.2.20.4 Class data for QSemaphore

The virtual table for the QSemaphore class is described by Table 18-333

Table 18-333 Primary vtable for QSemaphore

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSemaphore
vfunc[0]:	QSemaphore::~QSemaphore()
vfunc[1]:	QSemaphore::~QSemaphore()

The Run Time Type Information for the QSemaphore class is described by Table 18-334

Table 18-334 typeinfo for QSemaphore

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QSemaphore

18.2.20.5 Interfaces for Qt3 Threading

An LSB conforming implementation shall provide the generic functions for Qt3 Threading specified in Table 18-335, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-335 libqt-mt - Qt3 Threading Function Interfaces

_ZN10QSemaphore9tryAccessEi [qt-mt]	_ZN10QSemaphoreC1Ei [qt-mt]
_ZN10QSemaphoreC2Ei [qt-mt]	_ZN10QSemaphoreD0Ev [qt-mt]
_ZN10QSemaphoreD1Ev [qt-mt]	_ZN10QSemaphoreD2Ev [qt-mt]
_ZN10QSemaphoremIEi [qt-mt]	_ZN10QSemaphoremmEi [qt-mt]
_ZN10QSemaphorepLEi [qt-mt]	_ZN10QSemaphoreppEi [qt-mt]
_ZN14QWaitCondition4waitEP6QMutexm [qt-mt]	_ZN14QWaitCondition4waitEm [qt-mt]
_ZN14QWaitCondition7wakeAllEv [qt-mt]	_ZN14QWaitCondition7wakeOneEv [qt-mt]
_ZN14QWaitConditionC1Ev [qt-mt]	_ZN14QWaitConditionC2Ev [qt-mt]
_ZN14QWaitConditionD0Ev [qt-mt]	_ZN14QWaitConditionD1Ev [qt-mt]
_ZN14QWaitConditionD2Ev [qt-mt]	_ZN18QThreadStorageData3setEPv [qt-mt]
_ZN18QThreadStorageData6finishEPPv [qt-mt]	_ZN18QThreadStorageDataC1EPFvPvE [qt-mt]
_ZN18QThreadStorageDataC2EPFvPvE [qt-mt]	_ZN18QThreadStorageDataD1Ev [qt-mt]
_ZN18QThreadStorageDataD2Ev [qt-mt]	_ZN6QMutex4lockEv [qt-mt]
_ZN6QMutex6lockedEv [qt-mt]	_ZN6QMutex6unlockEv [qt-mt]
_ZN6QMutex7tryLockEv [qt-mt]	_ZN6QMutexC1Eb [qt-mt]

_ZN6QMutexC2Eb [qt-mt]	_ZN6QMutexD0Ev [qt-mt]
_ZN6QMutexD1Ev [qt-mt]	_ZN6QMutexD2Ev [qt-mt]
_ZN7QThread10initializeEv [qt-mt]	_ZN7QThread13currentThreadEv [qt-mt]
_ZN7QThread4exitEv [qt-mt]	_ZN7QThread4waitEm [qt-mt]
_ZN7QThread5sleepEm [qt-mt]	_ZN7QThread5startENS_8PriorityE [qt-mt]
_ZN7QThread5startEv [qt-mt]	_ZN7QThread6msleepEm [qt-mt]
_ZN7QThread6usleepEm [qt-mt]	_ZN7QThread7cleanupEv [qt-mt]
_ZN7QThread9postEventEP7QObjectP6QEvent [qt-mt]	_ZN7QThread9terminateEv [qt-mt]
_ZN7QThreadC1Ej [qt-mt]	_ZN7QThreadC1Ev [qt-mt]
_ZN7QThreadC2Ej [qt-mt]	_ZN7QThreadC2Ev [qt-mt]
_ZN7QThreadD0Ev [qt-mt]	_ZN7QThreadD1Ev [qt-mt]
_ZN7QThreadD2Ev [qt-mt]	_ZNK10QSemaphore5totalEv [qt-mt]
_ZNK10QSemaphore9availableEv [qt-mt]	_ZNK18QThreadStorageData3getEv [qt-mt]
_ZNK7QThread7runningEv [qt-mt]	_ZNK7QThread8finishedEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Threading specified in Table 18-336, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-336 libqt-mt - Qt3 Threading Data Interfaces

_ZTI10QSemaphore [CXXABI]	_ZTI14QWaitCondition [CXXABI]
_ZTI6QMutex [CXXABI]	_ZTI7QThread [CXXABI]
_ZTV10QSemaphore [CXXABI]	_ZTV14QWaitCondition [CXXABI]
_ZTV6QMutex [CXXABI]	_ZTV7QThread [CXXABI]

18.2.21 Qt3 Main Window and Application

18.2.21.1 Class data for QToolBar

The virtual table for the QToolBar class is described by Table 18-337

Table 18-337 Primary vtable for QToolBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QToolBar
vfunc[0]:	NULL or QToolBar::metaObject() const
vfunc[1]:	QToolBar::className() const
vfunc[2]:	QToolBar::qt_cast(char const*)
vfunc[3]:	QToolBar::qt_invoke(int, QUObject*)
vfunc[4]:	QToolBar::qt_emit(int, QUObject*)

 © 2008 Linux Foundation

vfunc[5]:	QToolBar::qt_property(int, int, QVariant*)
vfunc[6]:	QToolBar::~QToolBar()
vfunc[7]:	QToolBar::~QToolBar()
vfunc[8]:	QToolBar::event(QEvent*)
vfunc[9]:	QDockWindow::eventFilter(QObject *, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QToolBar::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)

vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QCol or const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QP ixmap const&)
vfunc[38]:	QDockWindow::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget:: FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QToolBar::show()
vfunc[48]:	QToolBar::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDockWindow::sizeHint() const
vfunc[59]:	QToolBar::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QW

 © 2008 Linux Foundation

	idget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QToolBar::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QDockWindow::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QDockWindow::showEvent(QShow

	Event*)
vfunc[94]:	QDockWindow::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QToolBar::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QDockWindow::drawFrame(QPainter*)
vfunc[116]:	QDockWindow::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QDockWindow::setWidget(QWidget*)
vfunc[119]:	QDockWindow::setCloseMode(int)
vfunc[120]:	QDockWindow::setResizeEnabled(bool)
vfunc[121]:	QDockWindow::setMovingEnabled(bool)

 © 2008 Linux Foundation

vfunc[122]:	QDockWindow::setHorizontallyStretchable(bool)
vfunc[123]:	QDockWindow::setVerticallyStretchable(bool)
vfunc[124]:	QDockWindow::setOffset(int)
vfunc[125]:	QDockWindow::setFixedExtentWidth(int)
vfunc[126]:	QDockWindow::setFixedExtentHeight(int)
vfunc[127]:	QDockWindow::setNewLine(bool)
vfunc[128]:	QDockWindow::setOpaqueMoving(bool)
vfunc[129]:	QDockWindow::undock(QWidget*)
vfunc[130]:	NULL or QDockWindow::undock()
vfunc[131]:	QDockWindow::dock()
vfunc[132]:	QToolBar::setOrientation(Qt::Orientation)
vfunc[133]:	QToolBar::setStretchableWidget(QWidget*)
vfunc[134]:	QToolBar::setLabel(QString const&)
vfunc[135]:	QToolBar::clear()

The Run Time Type Information for the QToolBar class is described by Table 18-338

Table 18-338 typeinfo for QToolBar

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolBar
basetype:	typeinfo for QDockWindow

18.2.21.2 Class data for QActionGroup

The virtual table for the QActionGroup class is described by Table 18-339

Table 18-339 Primary vtable for QActionGroup

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QActionGroup
vfunc[0]:	NULL or QActionGroup::metaObject() const
vfunc[1]:	QActionGroup::className() const
vfunc[2]:	QActionGroup::qt_cast(char const*)
vfunc[3]:	QActionGroup::qt_invoke(int, QUObject*)
vfunc[4]:	QActionGroup::qt_emit(int,

	QUObject*)
vfunc[5]:	QActionGroup::qt_property(int, int, QVariant*)
vfunc[6]:	QActionGroup::~QActionGroup()
vfunc[7]:	QActionGroup::~QActionGroup()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QActionGroup::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QActionGroup::setIconSet(QIconSet const&)
vfunc[22]:	QActionGroup::setText(QString const&)
vfunc[23]:	QActionGroup::setMenuText(QString const&)
vfunc[24]:	QActionGroup::setToolTip(QString const&)
vfunc[25]:	QAction::setStatusTip(QString const&)
vfunc[26]:	QActionGroup::setWhatsThis(QString const&)
vfunc[27]:	QAction::setAccel(QKeySequence const&)
vfunc[28]:	QActionGroup::setToggleAction(bool)
vfunc[29]:	QActionGroup::addTo(QWidget*)
vfunc[30]:	QActionGroup::removeFrom(QWidget*)
vfunc[31]:	QActionGroup::addedTo(QWidget*,

 © 2008 Linux Foundation

	QWidget*)
vfunc[32]:	QActionGroup::addedTo(int, QPopupMenu*)
vfunc[33]:	QActionGroup::setOn(bool)
vfunc[34]:	QActionGroup::setEnabled(bool)
vfunc[35]:	QActionGroup::addedTo(QWidget*, QWidget*, QAction*)
vfunc[36]:	QActionGroup::addedTo(int, QPopupMenu*, QAction*)

The Run Time Type Information for the QActionGroup class is described by Table 18-340

Table 18-340 typeinfo for QActionGroup

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QActionGroup
basetype:	typeinfo for QAction

18.2.21.3 Class data for QStatusBar

The virtual table for the QStatusBar class is described by Table 18-341

Table 18-341 Primary vtable for QStatusBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStatusBar
vfunc[0]:	NULL or QStatusBar::metaObject() const
vfunc[1]:	QStatusBar::className() const
vfunc[2]:	QStatusBar::qt_cast(char const*)
vfunc[3]:	QStatusBar::qt_invoke(int, QUObject*)
vfunc[4]:	QStatusBar::qt_emit(int, QUObject*)
vfunc[5]:	QStatusBar::qt_property(int, int, QVariant*)
vfunc[6]:	QStatusBar::~QStatusBar()
vfunc[7]:	QStatusBar::~QStatusBar()
vfunc[8]:	QStatusBar::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)

vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()

 © 2008 Linux Foundation

vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidget::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent

	*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QStatusBar::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QStatusBar::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const

 © 2008 Linux Foundation

vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QStatusBar::addWidget(QWidget*, int, bool)
vfunc[111]:	QStatusBar::removeWidget(QWidget*)

The Run Time Type Information for the QStatusBar class is described by Table 18-342

Table 18-342 typeinfo for QStatusBar

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStatusBar
basetype:	typeinfo for QWidget

18.2.21.4 Class data for QSizeGrip

The virtual table for the QSizeGrip class is described by Table 18-343

Table 18-343 Primary vtable for QSizeGrip

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSizeGrip
vfunc[0]:	NULL or QSizeGrip::metaObject() const
vfunc[1]:	QSizeGrip::className() const
vfunc[2]:	QSizeGrip::qt_cast(char const*)
vfunc[3]:	QSizeGrip::qt_invoke(int, QUObject*)
vfunc[4]:	QSizeGrip::qt_emit(int, QUObject*)
vfunc[5]:	QSizeGrip::qt_property(int, int, QVariant*)
vfunc[6]:	QSizeGrip::~QSizeGrip()
vfunc[7]:	QSizeGrip::~QSizeGrip()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QSizeGrip::eventFilter(QObject*,

	QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString

 © 2008 Linux Foundation

	const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QSizeGrip::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QSizeGrip::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)

vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QSizeGrip::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QSizeGrip::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)

© 2008 Linux Foundation

vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)

The Run Time Type Information for the QSizeGrip class is described by Table 18-344

Table 18-344 typeinfo for QSizeGrip

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSizeGrip
basetype:	typeinfo for QWidget

18.2.21.5 Class data for QSessionManager

The virtual table for the QSessionManager class is described by Table 18-345

Table 18-345 Primary vtable for QSessionManager

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSessionManager
vfunc[0]:	NULL or QSessionManager::metaObject() const
vfunc[1]:	QSessionManager::className() const
vfunc[2]:	QSessionManager::qt_cast(char const*)
vfunc[3]:	QSessionManager::qt_invoke(int, QUObject*)
vfunc[4]:	QSessionManager::qt_emit(int, QUObject*)

vfunc[5]:	QSessionManager::qt_property(int, int, QVariant*)
vfunc[6]:	QSessionManager::~QSessionManager()
vfunc[7]:	QSessionManager::~QSessionManager()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QSessionManager class is described by Table 18-346

Table 18-346 typeinfo for QSessionManager

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSessionManager
basetype:	typeinfo for QObject

18.2.21.6 Class data for QApplication

The virtual table for the QApplication class is described by Table 18-347

Table 18-347 Primary vtable for QApplication

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QApplication
vfunc[0]:	NULL or QApplication::metaObject() const
vfunc[1]:	QApplication::className() const
vfunc[2]:	QApplication::qt_cast(char const*)

 © 2008 Linux Foundation

vfunc[3]:	QApplication::qt_invoke(int, QUObject*)
vfunc[4]:	QApplication::qt_emit(int, QUObject*)
vfunc[5]:	QApplication::qt_property(int, int, QVariant*)
vfunc[6]:	QApplication::~QApplication()
vfunc[7]:	QApplication::~QApplication()
vfunc[8]:	QApplication::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QApplication::setMainWidget(QWidget*)
vfunc[22]:	QApplication::polish(QWidget*)
vfunc[23]:	QApplication::notify(QObject*, QEvent*)
vfunc[24]:	QApplication::x11EventFilter(_XEvent*)
vfunc[25]:	QApplication::x11ClientMessage(QWidget*, _XEvent*, bool)
vfunc[26]:	QApplication::commitData(QSessionManager&)
vfunc[27]:	QApplication::saveState(QSessionManager&)

The Run Time Type Information for the QApplication class is described by Table 18-348

Table 18-348 typeinfo for QApplication

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QApplication
basetype:	typeinfo for QObject

18.2.21.7 Class data for QWorkspace

The virtual table for the QWorkspace class is described by Table 18-349

Table 18-349 Primary vtable for QWorkspace

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWorkspace
vfunc[0]:	NULL or QWorkspace::metaObject() const
vfunc[1]:	QWorkspace::className() const
vfunc[2]:	QWorkspace::qt_cast(char const*)
vfunc[3]:	QWorkspace::qt_invoke(int, QUObject*)
vfunc[4]:	QWorkspace::qt_emit(int, QUObject*)
vfunc[5]:	QWorkspace::qt_property(int, int, QVariant*)
vfunc[6]:	QWorkspace::~QWorkspace()
vfunc[7]:	QWorkspace::~QWorkspace()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QWorkspace::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QWorkspace::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)

© 2008 Linux Foundation

vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWorkspace::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWorkspace::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()

© 2008 Linux Foundation

vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWorkspace::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWorkspace::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)

© 2008 Linux Foundation

vfunc[82]:	QWorkspace::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWorkspace::showEvent(QShowEvent*)
vfunc[94]:	QWorkspace::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWorkspace::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)

© 2008 Linux Foundation

The Run Time Type Information for the QWorkspace class is described by Table 18-350

Table 18-350 typeinfo for QWorkspace

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWorkspace
basetype:	typeinfo for QWidget

18.2.21.8 Class data for QAction

The virtual table for the QAction class is described by Table 18-351

Table 18-351 Primary vtable for QAction

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAction
vfunc[0]:	NULL or QAction::metaObject() const
vfunc[1]:	QAction::className() const
vfunc[2]:	QAction::qt_cast(char const*)
vfunc[3]:	QAction::qt_invoke(int, QUObject*)
vfunc[4]:	QAction::qt_emit(int, QUObject*)
vfunc[5]:	QAction::qt_property(int, int, QVariant*)
vfunc[6]:	QAction::~QAction()
vfunc[7]:	QAction::~QAction()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

© 2008 Linux Foundation

vfunc[21]:	QAction::setIconSet(QIconSet const&)
vfunc[22]:	QAction::setText(QString const&)
vfunc[23]:	QAction::setMenuText(QString const&)
vfunc[24]:	QAction::setToolTip(QString const&)
vfunc[25]:	QAction::setStatusTip(QString const&)
vfunc[26]:	QAction::setWhatsThis(QString const&)
vfunc[27]:	QAction::setAccel(QKeySequence const&)
vfunc[28]:	QAction::setToggleAction(bool)
vfunc[29]:	QAction::addTo(QWidget*)
vfunc[30]:	QAction::removeFrom(QWidget*)
vfunc[31]:	QAction::addedTo(QWidget*, QWidget*)
vfunc[32]:	QAction::addedTo(int, QPopupMenu*)
vfunc[33]:	QAction::setOn(bool)
vfunc[34]:	QAction::setEnabled(bool)

The Run Time Type Information for the QAction class is described by Table 18-352

Table 18-352 typeinfo for QAction

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAction
basetype:	typeinfo for QObject

18.2.21.9 Interfaces for Qt3 Main Window and Application

An LSB conforming implementation shall provide the generic functions for Qt3 Main Window and Application specified in Table 18-353, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-353 libqt-mt - Qt3 Main Window and Application Function Interfaces

_ZN10QStatusBar10hideOrShowEv [qt-mt]	_ZN10QStatusBar10paintEventEP11QPaintEvent [qt-mt]
_ZN10QStatusBar11qt_propertyEiiP8QVariant [qt-mt]	_ZN10QStatusBar11resizeEventEP12QResizeEvent [qt-mt]
_ZN10QStatusBar12removeWidgetEP7QWidget [qt-mt]	_ZN10QStatusBar14messageChangedERK7QString [qt-mt]
_ZN10QStatusBar16staticMetaObjectEv [qt-mt]	_ZN10QStatusBar18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]

_ZN10QStatusBar18setSizeGripEnabledEb [qt-mt]	_ZN10QStatusBar2trEPKcS1_ [qt-mt]
_ZN10QStatusBar5clearEv [qt-mt]	_ZN10QStatusBar5eventEP6QEvent [qt-mt]
ZN10QStatusBar6trUtf8EPKcS1 [qt-mt]	_ZN10QStatusBar7messageERK7QString [qt-mt]
_ZN10QStatusBar7messageERK7QStringi [qt-mt]	_ZN10QStatusBar7qt_castEPKc [qt-mt]
_ZN10QStatusBar7qt_emitEiP8QUObject [qt-mt]	_ZN10QStatusBar8reformatEv [qt-mt]
_ZN10QStatusBar9addWidgetEP7QWidgetib [qt-mt]	_ZN10QStatusBar9qt_invokeEiP8QUObject [qt-mt]
_ZN10QStatusBarC1EP7QWidgetPKc [qt-mt]	_ZN10QStatusBarC2EP7QWidgetPKc [qt-mt]
_ZN10QStatusBarD0Ev [qt-mt]	_ZN10QStatusBarD1Ev [qt-mt]
_ZN10QStatusBarD2Ev [qt-mt]	_ZN10QWorkspace10childEventEP11QChildEvent [qt-mt]
_ZN10QWorkspace10insertIconEP7QWidget [qt-mt]	_ZN10QWorkspace10removeIconEP7QWidget [qt-mt]
_ZN10QWorkspace10showWindowEP7QWidget [qt-mt]	_ZN10QWorkspace10wheelEventEP11QWheelEvent [qt-mt]
_ZN10QWorkspace11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN10QWorkspace11qt_propertyEiiP8QVariant [qt-mt]
_ZN10QWorkspace11resizeEventEP12QResizeEvent [qt-mt]	_ZN10QWorkspace11styleChangeER6QStyle [qt-mt]
_ZN10QWorkspace12handleUndockEP11QDockWindow [qt-mt]	_ZN10QWorkspace14activateWindowEP7QWidgetb [qt-mt]
_ZN10QWorkspace14maximizeWindowEP7QWidget [qt-mt]	_ZN10QWorkspace14minimizeWindowEP7QWidget [qt-mt]
_ZN10QWorkspace15closeAllWindowsEv [qt-mt]	_ZN10QWorkspace15dockWindowsShowEv [qt-mt]
_ZN10QWorkspace15normalizeWindowEP7QWidget [qt-mt]	_ZN10QWorkspace15updateWorkspaceEv [qt-mt]
_ZN10QWorkspace15windowActivatedEP7QWidget [qt-mt]	_ZN10QWorkspace16scrollBarChangedEv [qt-mt]
_ZN10QWorkspace16staticMetaObjectEv [qt-mt]	_ZN10QWorkspace17closeActiveWindowEv [qt-mt]
_ZN10QWorkspace17showOperationMenuEv [qt-mt]	_ZN10QWorkspace18activateNextWindowEv [qt-mt]
_ZN10QWorkspace18activatePrevWindowEv [qt-mt]	_ZN10QWorkspace18popupOperationMenuERK6QPoint [qt-mt]
_ZN10QWorkspace18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QWorkspace19toolMenuAboutToShowEv [qt-mt]
_ZN10QWorkspace20hideMaximizeControlsEv [qt-mt]	_ZN10QWorkspace20minimizeActiveWindowEv [qt-mt]

 © 2008 Linux Foundation

_ZN10QWorkspace20setScrollBarsEnabledEb [qt-mt]	_ZN10QWorkspace20showMaximizeControlsEv [qt-mt]
_ZN10QWorkspace21normalizeActiveWindowEv [qt-mt]	_ZN10QWorkspace22activatePreviousWindowEv [qt-mt]
_ZN10QWorkspace22operationMenuActivatedEi [qt-mt]	_ZN10QWorkspace24operationMenuAboutToShowEv [qt-mt]
_ZN10QWorkspace25setPaletteBackgroundColorERK6QColor [qt-mt]	_ZN10QWorkspace26setPaletteBackgroundPixmapERK7QPixmap [qt-mt]
ZN10QWorkspace2trEPKcS1 [qt-mt]	_ZN10QWorkspace4initEv [qt-mt]
_ZN10QWorkspace4tileEv [qt-mt]	_ZN10QWorkspace5placeEP7QWidget [qt-mt]
ZN10QWorkspace6trUtf8EPKcS1 [qt-mt]	_ZN10QWorkspace7cascadeEv [qt-mt]
_ZN10QWorkspace7qt_castEPKc [qt-mt]	_ZN10QWorkspace7qt_emitEiP8QUObject [qt-mt]
_ZN10QWorkspace9findChildEP7QWidget [qt-mt]	_ZN10QWorkspace9hideEventEP10QHideEvent [qt-mt]
_ZN10QWorkspace9qt_invokeEiP8QUObject [qt-mt]	_ZN10QWorkspace9showEventEP10QShowEvent [qt-mt]
_ZN10QWorkspaceC1EP7QWidgetPKc [qt-mt]	_ZN10QWorkspaceC2EP7QWidgetPKc [qt-mt]
_ZN10QWorkspaceD0Ev [qt-mt]	_ZN10QWorkspaceD1Ev [qt-mt]
_ZN10QWorkspaceD2Ev [qt-mt]	_ZN12QActionGroup10childEventEP11QChildEvent [qt-mt]
_ZN12QActionGroup10removeFromEP7QWidget [qt-mt]	_ZN12QActionGroup10setEnabledEb [qt-mt]
_ZN12QActionGroup10setIconSetERK8QIconSet [qt-mt]	_ZN12QActionGroup10setToolTipERK7QString [qt-mt]
_ZN12QActionGroup11qt_propertyEiiP8QVariant [qt-mt]	_ZN12QActionGroup11setMenuTextERK7QString [qt-mt]
_ZN12QActionGroup12addSeparatorEv [qt-mt]	_ZN12QActionGroup12childToggledEb [qt-mt]
_ZN12QActionGroup12setExclusiveEb [qt-mt]	_ZN12QActionGroup12setWhatsThisERK7QString [qt-mt]
_ZN12QActionGroup14childDestroyedEv [qt-mt]	_ZN12QActionGroup14internalToggleEP7QAction [qt-mt]
_ZN12QActionGroup15objectDestroyedEv [qt-mt]	_ZN12QActionGroup15setToggleActionEb [qt-mt]
_ZN12QActionGroup15setUsesDropDownEb [qt-mt]	_ZN12QActionGroup16staticMetaObjectEv [qt-mt]
_ZN12QActionGroup18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN12QActionGroup25internalComboBoxActivatedEi [qt-mt]
_ZN12QActionGroup27internalCom	_ZN12QActionGroup2trEPKcS1_

boBoxHighlightedEi [qt-mt]	[qt-mt]
_ZN12QActionGroup3addEP7QAction [qt-mt]	_ZN12QActionGroup5addToEP7QWidget [qt-mt]
_ZN12QActionGroup5setOnEb [qt-mt]	_ZN12QActionGroup6trUtf8EPKcS1_ [qt-mt]
ZN12QActionGroup7addedToEP7QWidgetS1 [qt-mt]	_ZN12QActionGroup7addedToEP7QWidgetS1_P7QAction [qt-mt]
_ZN12QActionGroup7addedToEiP10QPopupMenu [qt-mt]	_ZN12QActionGroup7addedToEiP10QPopupMenuP7QAction [qt-mt]
_ZN12QActionGroup7qt_castEPKc [qt-mt]	_ZN12QActionGroup7qt_emitEiP8QUObject [qt-mt]
_ZN12QActionGroup7setTextERK7QString [qt-mt]	_ZN12QActionGroup8selectedEP7QAction [qt-mt]
_ZN12QActionGroup9qt_invokeEiP8QUObject [qt-mt]	_ZN12QActionGroupC1EP7QObjectPKc [qt-mt]
_ZN12QActionGroupC1EP7QObjectPKcb [qt-mt]	_ZN12QActionGroupC2EP7QObjectPKc [qt-mt]
_ZN12QActionGroupC2EP7QObjectPKcb [qt-mt]	_ZN12QActionGroupD0Ev [qt-mt]
_ZN12QActionGroupD1Ev [qt-mt]	_ZN12QActionGroupD2Ev [qt-mt]
_ZN12QApplication10allWidgetsEv [qt-mt]	_ZN12QApplication10closePopupEP7QWidget [qt-mt]
_ZN12QApplication10commitDataER15QSessionManager [qt-mt]	_ZN12QApplication10create_ximEv [qt-mt]
_ZN12QApplication10enter_loopEv [qt-mt]	_ZN12QApplication10initializeEiPPc [qt-mt]
_ZN12QApplication10setPaletteERK8QPalettebPKc [qt-mt]	_ZN12QApplication10startingUpEv [qt-mt]
_ZN12QApplication11aboutToQuitEv [qt-mt]	_ZN12QApplication11closingDownEv [qt-mt]
_ZN12QApplication11fontMetricsEv [qt-mt]	_ZN12QApplication11qt_propertyEiiP8QVariant [qt-mt]
_ZN12QApplication12libraryPathsEv [qt-mt]	_ZN12QApplication12setColorModeENS_9ColorModeE [qt-mt]
_ZN12QApplication12setColorSpecEi [qt-mt]	_ZN12QApplication13processEventsEi [qt-mt]
_ZN12QApplication13processEventsEv [qt-mt]	_ZN12QApplication13reverseLayoutEv [qt-mt]
_ZN12QApplication13setMainWidgetEP7QWidget [qt-mt]	_ZN12QApplication13startDragTimeEv [qt-mt]
_ZN12QApplication14addLibraryPathERK7QString [qt-mt]	_ZN12QApplication14guiThreadAwakeEv [qt-mt]
_ZN12QApplication14internalNotifyEP7QObjectP6QEvent [qt-mt]	_ZN12QApplication14setGlobalStrutERK5QSize [qt-mt]
_ZN12QApplication14x11EventFilter	_ZN12QApplication15closeAllWind

 © 2008 Linux Foundation

EP7_XEvent [qt-mt]	owsEv [qt-mt]
_ZN12QApplication15cursorFlashTimeEv [qt-mt]	_ZN12QApplication15init_precmdlineEv [qt-mt]
_ZN12QApplication15isEffectEnabledEN2Qt8UIEffectE [qt-mt]	_ZN12QApplication15processOneEventEv [qt-mt]
_ZN12QApplication15process_cmdlineEPiPPc [qt-mt]	_ZN12QApplication15setActiveWindowEP7QWidget [qt-mt]
_ZN12QApplication15setDefaultCodecEP10QTextCodec [qt-mt]	_ZN12QApplication15setLibraryPathsERK11QStringList [qt-mt]
_ZN12QApplication15topLevelWidgetsEv [qt-mt]	_ZN12QApplication15wakeUpGuiThreadEv [qt-mt]
_ZN12QApplication15x11ProcessEventEP7_XEvent [qt-mt]	_ZN12QApplication16hasPendingEventsEv [qt-mt]
_ZN12QApplication16lastWindowClosedEv [qt-mt]	_ZN12QApplication16removeTranslatorEP11QTranslator [qt-mt]
_ZN12QApplication16sendPostedEventsEP7QObjecti [qt-mt]	_ZN12QApplication16sendPostedEventsEv [qt-mt]
_ZN12QApplication16setEffectEnabledEN2Qt8UIEffectEb [qt-mt]	_ZN12QApplication16setReverseLayoutEb [qt-mt]
_ZN12QApplication16setStartDragTimeEi [qt-mt]	_ZN12QApplication16staticMetaObjectEv [qt-mt]
_ZN12QApplication16wheelScrollLinesEv [qt-mt]	_ZN12QApplication16x11ClientMessageEP7QWidgetP7_XEventb [qt-mt]
_ZN12QApplication17activeModalWidgetEv [qt-mt]	_ZN12QApplication17activePopupWidgetEv [qt-mt]
_ZN12QApplication17installTranslatorEP11QTranslator [qt-mt]	_ZN12QApplication17removeLibraryPathERK7QString [qt-mt]
_ZN12QApplication17removePostedEventEP6QEvent [qt-mt]	_ZN12QApplication17setOverrideCursorERK7QCursorb [qt-mt]
_ZN12QApplication17startDragDistanceEv [qt-mt]	_ZN12QApplication18applicationDirPathEv [qt-mt]
_ZN12QApplication18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN12QApplication18removePostedEventsEP7QObject [qt-mt]
_ZN12QApplication18setCursorFlashTimeEi [qt-mt]	_ZN12QApplication18x11_apply_settingsEv [qt-mt]
_ZN12QApplication19applicationFilePathEv [qt-mt]	_ZN12QApplication19doubleClickIntervalEv [qt-mt]
_ZN12QApplication19setWheelScrollLinesEi [qt-mt]	_ZN12QApplication20desktopSettingsAwareEv [qt-mt]
_ZN12QApplication20setStartDragDistanceEi [qt-mt]	_ZN12QApplication20x11_initialize_styleEv [qt-mt]
_ZN12QApplication21restoreOverrideCursorEv [qt-mt]	_ZN12QApplication22setDoubleClickIntervalEi [qt-mt]
_ZN12QApplication22setGlobalMouseTrackingEb [qt-mt]	_ZN12QApplication23setDesktopSettingsAwareEb [qt-mt]

ZN12QApplication2trEPKcS1 [qt-mt]	_ZN12QApplication4beepEv [qt-mt]
_ZN12QApplication4execEv [qt-mt]	_ZN12QApplication4exitEi [qt-mt]
_ZN12QApplication4fontEPK7QWidget [qt-mt]	_ZN12QApplication4lockEv [qt-mt]
_ZN12QApplication4quitEv [qt-mt]	_ZN12QApplication5eventEP6QEvent [qt-mt]
_ZN12QApplication5flushEv [qt-mt]	_ZN12QApplication5styleEv [qt-mt]
_ZN12QApplication5syncXEv [qt-mt]	_ZN12QApplication6flushXEv [qt-mt]
_ZN12QApplication6lockedEv [qt-mt]	_ZN12QApplication6notifyEP7QObjectP6QEvent [qt-mt]
_ZN12QApplication6polishEP7QWidget [qt-mt]	_ZN12QApplication6trUtf8EPKcS1_ [qt-mt]
_ZN12QApplication6unlockEb [qt-mt]	_ZN12QApplication7aboutQtEv [qt-mt]
_ZN12QApplication7desktopEv [qt-mt]	_ZN12QApplication7paletteEPK7QWidget [qt-mt]
_ZN12QApplication7qt_castEPKc [qt-mt]	_ZN12QApplication7qt_emitEiP8QUObject [qt-mt]
_ZN12QApplication7setFontERK5QFontbPKc [qt-mt]	_ZN12QApplication7tryLockEv [qt-mt]
_ZN12QApplication8setStyleEP6QStyle [qt-mt]	_ZN12QApplication8setStyleERK7QString [qt-mt]
_ZN12QApplication8widgetAtEiib [qt-mt]	_ZN12QApplication9clipboardEv [qt-mt]
_ZN12QApplication9close_ximEv [qt-mt]	_ZN12QApplication9colorModeEv [qt-mt]
_ZN12QApplication9colorSpecEv [qt-mt]	_ZN12QApplication9constructERiPPcNS_4TypeE [qt-mt]
_ZN12QApplication9eventLoopEv [qt-mt]	_ZN12QApplication9exit_loopEv [qt-mt]
_ZN12QApplication9openPopupEP7QWidget [qt-mt]	_ZN12QApplication9postEventEP7QObjectP6QEvent [qt-mt]
_ZN12QApplication9qt_invokeEiP8QUObject [qt-mt]	_ZN12QApplication9saveStateER15QSessionManager [qt-mt]
_ZN12QApplicationC1EP9_XDisplayiPPcmm [qt-mt]	_ZN12QApplicationC1EP9_XDisplaymm [qt-mt]
_ZN12QApplicationC1ERiPPc [qt-mt]	_ZN12QApplicationC1ERiPPcNS_4TypeE [qt-mt]
_ZN12QApplicationC1ERiPPcb [qt-mt]	_ZN12QApplicationC2EP9_XDisplayiPPcmm [qt-mt]
_ZN12QApplicationC2EP9_XDisplaymm [qt-mt]	_ZN12QApplicationC2ERiPPc [qt-mt]
_ZN12QApplicationC2ERiPPcNS_4T	_ZN12QApplicationC2ERiPPcb [qt-

 © 2008 Linux Foundation

ypeE [qt-mt]	mt]
_ZN12QApplicationD0Ev [qt-mt]	_ZN12QApplicationD1Ev [qt-mt]
_ZN12QApplicationD2Ev [qt-mt]	_ZN15QSessionManager11qt_propertyEiiP8QVariant [qt-mt]
_ZN15QSessionManager13requestPhase2Ev [qt-mt]	_ZN15QSessionManager14setRestartHintENS_11RestartHintE [qt-mt]
_ZN15QSessionManager16staticMetaObjectEv [qt-mt]	_ZN15QSessionManager17allowsInteractionEv [qt-mt]
_ZN15QSessionManager17setDiscardCommandERK11QStringList [qt-mt]	_ZN15QSessionManager17setRestartCommandERK11QStringList [qt-mt]
_ZN15QSessionManager18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN15QSessionManager18setManagerPropertyERK7QStringRK11QStringList [qt-mt]
ZN15QSessionManager18setManagerPropertyERK7QStringS2 [qt-mt]	_ZN15QSessionManager22allowsErrorInteractionEv [qt-mt]
ZN15QSessionManager2trEPKcS1 [qt-mt]	_ZN15QSessionManager6cancelEv [qt-mt]
ZN15QSessionManager6trUtf8EPKcS1 [qt-mt]	_ZN15QSessionManager7qt_castEPKc [qt-mt]
_ZN15QSessionManager7qt_emitEiP8QUObject [qt-mt]	_ZN15QSessionManager7releaseEv [qt-mt]
_ZN15QSessionManager9qt_invokeEiP8QUObject [qt-mt]	_ZN15QSessionManagerC1EP12QApplicationR7QStringS3_ [qt-mt]
ZN15QSessionManagerC2EP12QApplicationR7QStringS3 [qt-mt]	_ZN15QSessionManagerD0Ev [qt-mt]
_ZN15QSessionManagerD1Ev [qt-mt]	_ZN15QSessionManagerD2Ev [qt-mt]
_ZN7QAction10removeFromEP7QWidget [qt-mt]	_ZN7QAction10setEnabledEb [qt-mt]
_ZN7QAction10setIconSetERK8QIconSet [qt-mt]	_ZN7QAction10setToolTipERK7QString [qt-mt]
_ZN7QAction10setVisibleEb [qt-mt]	_ZN7QAction11qt_propertyEiiP8QVariant [qt-mt]
_ZN7QAction11setDisabledEb [qt-mt]	_ZN7QAction11setMenuTextERK7QString [qt-mt]
_ZN7QAction12setStatusTipERK7QString [qt-mt]	_ZN7QAction12setWhatsThisERK7QString [qt-mt]
_ZN7QAction14menuStatusTextEi [qt-mt]	_ZN7QAction14showStatusTextERK7QString [qt-mt]
_ZN7QAction15clearStatusTextEv [qt-mt]	_ZN7QAction15objectDestroyedEv [qt-mt]
_ZN7QAction15setToggleActionEb [qt-mt]	_ZN7QAction16staticMetaObjectEv [qt-mt]
_ZN7QAction17toolButtonToggledEb [qt-mt]	_ZN7QAction18internalActivationEv [qt-mt]

_ZN7QAction18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN7QAction2trEPKcS1_ [qt-mt]
_ZN7QAction4initEv [qt-mt]	_ZN7QAction5addToEP7QWidget [qt-mt]
_ZN7QAction5setOnEb [qt-mt]	_ZN7QAction6toggleEv [qt-mt]
ZN7QAction6trUtf8EPKcS1 [qt-mt]	_ZN7QAction7addedToEP7QWidgetS1_ [qt-mt]
_ZN7QAction7addedToEiP10QPopupMenu [qt-mt]	_ZN7QAction7qt_castEPKc [qt-mt]
_ZN7QAction7qt_emitEiP8QUObject [qt-mt]	_ZN7QAction7setTextERK7QString [qt-mt]
_ZN7QAction7toggledEb [qt-mt]	_ZN7QAction8activateEv [qt-mt]
_ZN7QAction8setAccelERK12QKeySequence [qt-mt]	_ZN7QAction9activatedEv [qt-mt]
_ZN7QAction9qt_invokeEiP8QUObject [qt-mt]	_ZN7QActionC1EP7QObjectPKc [qt-mt]
_ZN7QActionC1EP7QObjectPKcb [qt-mt]	_ZN7QActionC1ERK7QString12QKeySequenceP7QObjectPKc [qt-mt]
_ZN7QActionC1ERK7QStringRK8QIconSetS2_12QKeySequenceP7QObjectPKcb [qt-mt]	_ZN7QActionC1ERK7QStringS2_12QKeySequenceP7QObjectPKcb [qt-mt]
_ZN7QActionC1ERK8QIconSetRK7QString12QKeySequenceP7QObjectPKc [qt-mt]	_ZN7QActionC2EP7QObjectPKc [qt-mt]
_ZN7QActionC2EP7QObjectPKcb [qt-mt]	_ZN7QActionC2ERK7QString12QKeySequenceP7QObjectPKc [qt-mt]
_ZN7QActionC2ERK7QStringRK8QIconSetS2_12QKeySequenceP7QObjectPKcb [qt-mt]	_ZN7QActionC2ERK7QStringS2_12QKeySequenceP7QObjectPKcb [qt-mt]
_ZN7QActionC2ERK8QIconSetRK7QString12QKeySequenceP7QObjectPKc [qt-mt]	_ZN7QActionD0Ev [qt-mt]
_ZN7QActionD1Ev [qt-mt]	_ZN7QActionD2Ev [qt-mt]
_ZN8QToolBar11createPopupEv [qt-mt]	_ZN8QToolBar11qt_propertyEiiP8QVariant [qt-mt]
_ZN8QToolBar11resizeEventEP12QResizeEvent [qt-mt]	_ZN8QToolBar11styleChangeER6QStyle [qt-mt]
_ZN8QToolBar12addSeparatorEv [qt-mt]	_ZN8QToolBar14setMinimumSizeEii [qt-mt]
_ZN8QToolBar14setOrientationEN2Qt11OrientationE [qt-mt]	_ZN8QToolBar16staticMetaObjectEv [qt-mt]
_ZN8QToolBar17checkForExtensionERK5QSize [qt-mt]	_ZN8QToolBar18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN8QToolBar20setStretchableWidgetEP7QWidget [qt-mt]	_ZN8QToolBar2trEPKcS1_ [qt-mt]
_ZN8QToolBar4hideEv [qt-mt]	_ZN8QToolBar4initEv [qt-mt]

 © 2008 Linux Foundation

_ZN8QToolBar4showEv [qt-mt]	_ZN8QToolBar5clearEv [qt-mt]
_ZN8QToolBar5eventEP6QEvent [qt-mt]	_ZN8QToolBar6trUtf8EPKcS1_ [qt-mt]
_ZN8QToolBar7qt_castEPKc [qt-mt]	_ZN8QToolBar7qt_emitEiP8QUObject [qt-mt]
_ZN8QToolBar8setLabelERK7QString [qt-mt]	_ZN8QToolBar9qt_invokeEiP8QUObject [qt-mt]
_ZN8QToolBarC1EP11QMainWindowPKc [qt-mt]	_ZN8QToolBarC1ERK7QStringP11QMainWindowN2Qt4DockEbPKc [qt-mt]
_ZN8QToolBarC1ERK7QStringP11QMainWindowP7QWidgetbPKcj [qt-mt]	_ZN8QToolBarC2EP11QMainWindowPKc [qt-mt]
_ZN8QToolBarC2ERK7QStringP11QMainWindowN2Qt4DockEbPKc [qt-mt]	_ZN8QToolBarC2ERK7QStringP11QMainWindowP7QWidgetbPKcj [qt-mt]
_ZN8QToolBarD0Ev [qt-mt]	_ZN8QToolBarD1Ev [qt-mt]
_ZN8QToolBarD2Ev [qt-mt]	_ZN9QSizeGrip10paintEventEP11QPaintEvent [qt-mt]
_ZN9QSizeGrip11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN9QSizeGrip11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QSizeGrip14mouseMoveEventEP11QMouseEvent [qt-mt]	_ZN9QSizeGrip15mousePressEventEP11QMouseEvent [qt-mt]
_ZN9QSizeGrip16staticMetaObjectEv [qt-mt]	_ZN9QSizeGrip18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN9QSizeGrip2trEPKcS1 [qt-mt]	_ZN9QSizeGrip6trUtf8EPKcS1_ [qt-mt]
_ZN9QSizeGrip7qt_castEPKc [qt-mt]	_ZN9QSizeGrip7qt_emitEiP8QUObject [qt-mt]
_ZN9QSizeGrip9qt_invokeEiP8QUObject [qt-mt]	_ZN9QSizeGripC1EP7QWidgetPKc [qt-mt]
_ZN9QSizeGripC2EP7QWidgetPKc [qt-mt]	_ZN9QSizeGripD0Ev [qt-mt]
_ZN9QSizeGripD1Ev [qt-mt]	_ZN9QSizeGripD2Ev [qt-mt]
_ZNK10QStatusBar17isSizeGripEnabledEv [qt-mt]	_ZNK10QStatusBar9classNameEv [qt-mt]
_ZNK10QWorkspace10windowListENS_11WindowOrderE [qt-mt]	_ZNK10QWorkspace10windowListEv [qt-mt]
_ZNK10QWorkspace10windowModeEv [qt-mt]	_ZNK10QWorkspace12activeWindowEv [qt-mt]
_ZNK10QWorkspace17scrollBarsEnabledEv [qt-mt]	_ZNK10QWorkspace8sizeHintEv [qt-mt]
_ZNK10QWorkspace9classNameEv [qt-mt]	_ZNK12QActionGroup11isExclusiveEv [qt-mt]
_ZNK12QActionGroup12usesDropDownEv [qt-mt]	_ZNK12QActionGroup9classNameEv [qt-mt]

_ZNK12QApplication12defaultCodecEv [qt-mt]	_ZNK12QApplication4typeEv [qt-mt]
_ZNK12QApplication9classNameEv [qt-mt]	_ZNK12QApplication9loopLevelEv [qt-mt]
_ZNK12QApplication9translateEPKcS1_S1_NS_8EncodingE [qt-mt]	_ZNK15QSessionManager10sessionKeyEv [qt-mt]
_ZNK15QSessionManager11restartHintEv [qt-mt]	_ZNK15QSessionManager14discardCommandEv [qt-mt]
_ZNK15QSessionManager14restartCommandEv [qt-mt]	_ZNK15QSessionManager6handleEv [qt-mt]
_ZNK15QSessionManager8isPhase2Ev [qt-mt]	_ZNK15QSessionManager9classNameEv [qt-mt]
_ZNK15QSessionManager9sessionIdEv [qt-mt]	_ZNK7QAction14isToggleActionEv [qt-mt]
_ZNK7QAction4isOnEv [qt-mt]	_ZNK7QAction4textEv [qt-mt]
_ZNK7QAction5accelEv [qt-mt]	_ZNK7QAction7iconSetEv [qt-mt]
_ZNK7QAction7toolTipEv [qt-mt]	_ZNK7QAction8menuTextEv [qt-mt]
_ZNK7QAction9classNameEv [qt-mt]	_ZNK7QAction9isEnabledEv [qt-mt]
_ZNK7QAction9isVisibleEv [qt-mt]	_ZNK7QAction9statusTipEv [qt-mt]
_ZNK7QAction9whatsThisEv [qt-mt]	_ZNK8QToolBar10mainWindowEv [qt-mt]
_ZNK8QToolBar11minimumSizeEv [qt-mt]	_ZNK8QToolBar15minimumSizeHintEv [qt-mt]
_ZNK8QToolBar5labelEv [qt-mt]	_ZNK8QToolBar9classNameEv [qt-mt]
_ZNK9QSizeGrip8sizeHintEv [qt-mt]	_ZNK9QSizeGrip9classNameEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Main Window and Application specified in Table 18-354, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-354 libqt-mt - Qt3 Main Window and Application Data Interfaces

_ZN10QStatusBar7metaObjE [qt-mt]	_ZN10QWorkspace7metaObjE [qt-mt]
_ZN12QActionGroup7metaObjE [qt-mt]	_ZN12QApplication10animate_uiE [qt-mt]
_ZN12QApplication10app_cursorE [qt-mt]	_ZN12QApplication10loop_levelE [qt-mt]
_ZN12QApplication11main_widgetE [qt-mt]	_ZN12QApplication11session_keyE [qt-mt]
_ZN12QApplication11widgetCountE [qt-mt]	_ZN12QApplication12animate_menuE [qt-mt]
_ZN12QApplication12app_libpathsE	_ZN12QApplication12app_palettesE

 © 2008 Linux Foundation

[qt-mt]	[qt-mt]
_ZN12QApplication12app_tracking E [qt-mt]	_ZN12QApplication12fade_tooltipE [qt-mt]
_ZN12QApplication12focus_widget E [qt-mt]	_ZN12QApplication12popupWidget sE [qt-mt]
_ZN12QApplication13active_windo wE [qt-mt]	_ZN12QApplication13animate_com boE [qt-mt]
_ZN12QApplication14is_app_closin gE [qt-mt]	_ZN12QApplication14is_app_runni ngE [qt-mt]
_ZN12QApplication15animate_toolb oxE [qt-mt]	_ZN12QApplication15animate_toolti pE [qt-mt]
_ZN12QApplication15composedUni codeE [qt-mt]	_ZN12QApplication17cursor_flash_t imeE [qt-mt]
_ZN12QApplication18metaCompose UnicodeE [qt-mt]	_ZN12QApplication18wheel_scroll_l inesE [qt-mt]
_ZN12QApplication21obey_desktop _settingsE [qt-mt]	_ZN12QApplication23mouse_doubl e_click_timeE [qt-mt]
_ZN12QApplication7app_palE [qt-mt]	_ZN12QApplication7metaObjE [qt-mt]
_ZN12QApplication8app_fontE [qt-mt]	_ZN12QApplication8qt_mutexE [qt-mt]
_ZN12QApplication9app_cspecE [qt-mt]	_ZN12QApplication9app_fontsE [qt-mt]
_ZN12QApplication9app_strutE [qt-mt]	_ZN12QApplication9app_styleE [qt-mt]
_ZN12QApplication9eventloopE [qt-mt]	_ZN12QApplication9fade_menuE [qt-mt]
_ZN15QSessionManager7metaObjE [qt-mt]	_ZN7QAction7metaObjE [qt-mt]
_ZN8QToolBar7metaObjE [qt-mt]	_ZN9QSizeGrip7metaObjE [qt-mt]
_ZTI10QStatusBar [CXXABI]	_ZTI10QWorkspace [CXXABI]
_ZTI12QActionGroup [CXXABI]	_ZTI12QApplication [CXXABI]
_ZTI15QSessionManager [CXXABI]	_ZTI7QAction [CXXABI]
_ZTI8QToolBar [CXXABI]	_ZTI9QSizeGrip [CXXABI]
_ZTV10QStatusBar [CXXABI]	_ZTV10QWorkspace [CXXABI]
_ZTV12QActionGroup [CXXABI]	_ZTV12QApplication [CXXABI]
_ZTV15QSessionManager [CXXABI]	_ZTV7QAction [CXXABI]
_ZTV8QToolBar [CXXABI]	_ZTV9QSizeGrip [CXXABI]

18.2.22 Qt3 Widgets

18.2.22.1 Class data for QFrame

The virtual table for the QFrame class is described by Table 18-355

Table 18-355 Primary vtable for QFrame

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFrame
vfunc[0]:	NULL or QFrame::metaObject() const
vfunc[1]:	QFrame::className() const
vfunc[2]:	QFrame::qt_cast(char const*)
vfunc[3]:	QFrame::qt_invoke(int, QUObject*)
vfunc[4]:	QFrame::qt_emit(int, QUObject*)
vfunc[5]:	QFrame::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QFrame::~QFrame()
vfunc[7]:	NULL or QFrame::~QFrame()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette

 © 2008 Linux Foundation

	const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QFrame::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const

vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QFrame::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)

 © 2008 Linux Foundation

vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()

The Run Time Type Information for the QFrame class is described by Table 18-356

Table 18-356 typeinfo for QFrame

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFrame
basetype:	typeinfo for QWidget

18.2.22.2 Class data for QScrollView

The virtual table for the QScrollView class is described by Table 18-357

Table 18-357 Primary vtable for QScrollView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QScrollView
vfunc[0]:	NULL or QScrollView::metaObject() const
vfunc[1]:	QScrollView::className() const
vfunc[2]:	QScrollView::qt_cast(char const*)
vfunc[3]:	QScrollView::qt_invoke(int, QUObject*)
vfunc[4]:	QScrollView::qt_emit(int, QUObject*)
vfunc[5]:	QScrollView::qt_property(int, int, QVariant*)
vfunc[6]:	QScrollView::~QScrollView()
vfunc[7]:	QScrollView::~QScrollView()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QScrollView::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

© 2008 Linux Foundation

vfunc[21]:	QScrollView::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()

vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QScrollView::sizeHint() const
vfunc[59]:	QScrollView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)

 © 2008 Linux Foundation

vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QScrollView::resizeEvent(QResizeEv ent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QC ontextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEv ent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnt erEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragM oveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLe aveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QScrollView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QScrollView::focusNextPrevChild(b ool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int,

	int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QScrollView::drawContents(QPainter*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrollView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QScrollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QScrollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QScrollView::setContentsPos(int, int)
vfunc[127]:	QScrollView::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QScrollView::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QScrollView::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QScrollView::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QScrollView::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QScrollView::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QScrollView::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QScrollView::contentsDragLeaveEve

 © 2008 Linux Foundation

	nt(QDragLeaveEvent*)
vfunc[136]:	QScrollView::contentsDropEvent(QDropEvent*)
vfunc[137]:	QScrollView::contentsWheelEvent(QWheelEvent*)
vfunc[138]:	QScrollView::contentsContextMenuEvent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QScrollView::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDoubleClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEvent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(QDropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)

The Run Time Type Information for the QScrollView class is described by Table 18-358

Table 18-358 typeinfo for QScrollView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QScrollView
basetype:	typeinfo for QFrame

18.2.22.3 Class data for QTextBrowser

The virtual table for the QTextBrowser class is described by Table 18-359

Table 18-359 Primary vtable for QTextBrowser

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextBrowser
vfunc[0]:	NULL or QTextBrowser::metaObject() const
vfunc[1]:	QTextBrowser::className() const
vfunc[2]:	QTextBrowser::qt_cast(char const*)
vfunc[3]:	QTextBrowser::qt_invoke(int, QUObject*)
vfunc[4]:	QTextBrowser::qt_emit(int, QUObject*)
vfunc[5]:	QTextBrowser::qt_property(int, int, QVariant*)
vfunc[6]:	QTextBrowser::~QTextBrowser()
vfunc[7]:	QTextBrowser::~QTextBrowser()
vfunc[8]:	QTextEdit::event(QEvent*)
vfunc[9]:	QTextEdit::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QTextEdit::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::B

© 2008 Linux Foundation

	ackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QTextEdit::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QTextEdit::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QTextEdit::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)

vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QTextEdit::sizeHint() const
vfunc[59]:	QScrollView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QTextEdit::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QTextBrowser::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QTextEdit::resizeEvent(QResizeEvent*)

 © 2008 Linux Foundation

vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QTextEdit::imStartEvent(QIMEvent*)
vfunc[86]:	QTextEdit::imComposeEvent(QIMEvent*)
vfunc[87]:	QTextEdit::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QScrollView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QTextEdit::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QTextEdit::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)

vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QTextEdit::drawContents(QPainter*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrollView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QScrollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QScrollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QScrollView::setContentsPos(int, int)
vfunc[127]:	QTextEdit::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QTextEdit::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QTextEdit::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QTextEdit::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QTextEdit::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QTextEdit::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QTextEdit::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QTextEdit::contentsDragLeaveEvent(QDragLeaveEvent*)
vfunc[136]:	QTextEdit::contentsDropEvent(QDropEvent*)
vfunc[137]:	QTextEdit::contentsWheelEvent(QWheelEvent*)

 © 2008 Linux Foundation

vfunc[138]:	QTextEdit::contentsContextMenuEvent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QTextEdit::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDoubleClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEvent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(QDropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)
vfunc[154]:	QTextEdit::find(QString const&, bool, bool, bool, int*, int*)
vfunc[155]:	QTextEdit::getFormat(int, int, QFont*, QColor*, QTextEdit::VerticalAlignment*)
vfunc[156]:	QTextEdit::getParagraphFormat(int, QFont*, QColor*, QTextEdit::VerticalAlignment*, int*, QStyleSheetItem::DisplayMode*, QStyleSheetItem::ListStyle*, int*)
vfunc[157]:	QTextEdit::setMimeSourceFactory(QMimeSourceFactory*)
vfunc[158]:	QTextEdit::setStyleSheet(QStyleSheet*)

vfunc[159]:	QTextEdit::scrollToAnchor(QString const&)
vfunc[160]:	QTextEdit::setPaper(QBrush const&)
vfunc[161]:	QTextEdit::setLinkUnderline(bool)
vfunc[162]:	QTextEdit::setWordWrap(QTextEdit::WordWrap)
vfunc[163]:	QTextEdit::setWrapColumnOrWidth(int)
vfunc[164]:	QTextEdit::setWrapPolicy(QTextEdit::WrapPolicy)
vfunc[165]:	QTextEdit::copy()
vfunc[166]:	QTextEdit::append(QString const&)
vfunc[167]:	QTextBrowser::setText(QString const&, QString const&)
vfunc[168]:	QTextEdit::setTextFormat(Qt::TextFormat)
vfunc[169]:	QTextEdit::selectAll(bool)
vfunc[170]:	QTextEdit::setTabStopWidth(int)
vfunc[171]:	QTextEdit::zoomIn(int)
vfunc[172]:	NULL or QTextEdit::zoomIn()
vfunc[173]:	QTextEdit::zoomOut(int)
vfunc[174]:	NULL or QTextEdit::zoomOut()
vfunc[175]:	QTextEdit::zoomTo(int)
vfunc[176]:	QTextEdit::sync()
vfunc[177]:	QTextEdit::setReadOnly(bool)
vfunc[178]:	QTextEdit::undo()
vfunc[179]:	QTextEdit::redo()
vfunc[180]:	QTextEdit::cut()
vfunc[181]:	QTextEdit::paste()
vfunc[182]:	QTextEdit::pasteSubType(QCString const&)
vfunc[183]:	QTextEdit::clear()
vfunc[184]:	QTextEdit::del()
vfunc[185]:	QTextEdit::indent()
vfunc[186]:	QTextEdit::setItalic(bool)
vfunc[187]:	QTextEdit::setBold(bool)
vfunc[188]:	QTextEdit::setUnderline(bool)
vfunc[189]:	QTextEdit::setFamily(QString const&)
vfunc[190]:	QTextEdit::setPointSize(int)
vfunc[191]:	QTextEdit::setColor(QColor const&)
vfunc[192]:	QTextEdit::setVerticalAlignment(QT

 © 2008 Linux Foundation

	extEdit::VerticalAlignment)
vfunc[193]:	QTextEdit::setAlignment(int)
vfunc[194]:	QTextEdit::setParagType(QStyleSheetItem::DisplayMode, QStyleSheetItem::ListStyle)
vfunc[195]:	QTextEdit::setCursorPosition(int, int)
vfunc[196]:	QTextEdit::setSelection(int, int, int, int, int)
vfunc[197]:	QTextEdit::setSelectionAttributes(int, QColor const&, bool)
vfunc[198]:	QTextEdit::setModified(bool)
vfunc[199]:	QTextEdit::resetFormat()
vfunc[200]:	QTextEdit::setUndoDepth(int)
vfunc[201]:	QTextEdit::setFormat(QTextFormat*, int)
vfunc[202]:	QTextEdit::ensureCursorVisible()
vfunc[203]:	QTextEdit::placeCursor(QPoint const&, QTextCursor*)
vfunc[204]:	QTextEdit::moveCursor(QTextEdit::CursorAction, bool)
vfunc[205]:	QTextEdit::doKeyboardAction(QTextEdit::KeyboardAction)
vfunc[206]:	QTextEdit::removeSelectedText(int)
vfunc[207]:	QTextEdit::removeSelection(int)
vfunc[208]:	NULL or QTextEdit::setCurrentFont(QFont const&)
vfunc[209]:	NULL or QTextEdit::setOverwriteMode(bool)
vfunc[210]:	QTextEdit::scrollToBottom()
vfunc[211]:	QTextEdit::insert(QString const&, bool, bool, bool)
vfunc[212]:	QTextEdit::insertAt(QString const&, int, int)
vfunc[213]:	QTextEdit::removeParagraph(int)
vfunc[214]:	QTextEdit::insertParagraph(QString const&, int)
vfunc[215]:	QTextEdit::setParagraphBackgroundColor(int, QColor const&)
vfunc[216]:	QTextEdit::clearParagraphBackground(int)
vfunc[217]:	QTextEdit::setUndoRedoEnabled(bool)

vfunc[218]:	QTextEdit::createPopupMenu(QPoint const&)
vfunc[219]:	QTextEdit::createPopupMenu()
vfunc[220]:	QTextEdit::doChangeInterval()
vfunc[221]:	NULL or QTextBrowser::linksEnabled() const
vfunc[222]:	QTextBrowser::emitHighlighted(QString const&)
vfunc[223]:	QTextBrowser::emitLinkClicked(QString const&)
vfunc[224]:	QTextBrowser::setSource(QString const&)
vfunc[225]:	QTextBrowser::backward()
vfunc[226]:	QTextBrowser::forward()
vfunc[227]:	QTextBrowser::home()
vfunc[228]:	QTextBrowser::reload()

The Run Time Type Information for the QTextBrowser class is described by Table 18-360

Table 18-360 typeinfo for QTextBrowser

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextBrowser
basetype:	typeinfo for QTextEdit

18.2.22.4 Class data for QLineEdit

The virtual table for the QLineEdit class is described by Table 18-361

Table 18-361 Primary vtable for QLineEdit

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLineEdit
vfunc[0]:	NULL or QLineEdit::metaObject() const
vfunc[1]:	QLineEdit::className() const
vfunc[2]:	QLineEdit::qt_cast(char const*)
vfunc[3]:	QLineEdit::qt_invoke(int, QUObject*)
vfunc[4]:	QLineEdit::qt_emit(int, QUObject*)
vfunc[5]:	QLineEdit::qt_property(int, int, QVariant*)
vfunc[6]:	QLineEdit::~QLineEdit()
vfunc[7]:	QLineEdit::~QLineEdit()
vfunc[8]:	QLineEdit::event(QEvent*)

 © 2008 Linux Foundation

vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QLineEdit::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QLineEdit::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)

© 2008 Linux Foundation

vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QLineEdit::sizeHint() const
vfunc[59]:	QLineEdit::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QLineEdit::mousePressEvent(QMouseEvent*)

 © 2008 Linux Foundation

vfunc[70]:	QLineEdit::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QLineEdit::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QLineEdit::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QLineEdit::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QLineEdit::focusInEvent(QFocusEvent*)
vfunc[77]:	QLineEdit::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QLineEdit::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QLineEdit::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QLineEdit::imStartEvent(QIMEvent*)
vfunc[86]:	QLineEdit::imComposeEvent(QIMEvent*)
vfunc[87]:	QLineEdit::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QLineEdit::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QLineEdit::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QLineEdit::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QLineEdit::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)

vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QLineEdit::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QLineEdit::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QLineEdit::setText(QString const&)
vfunc[119]:	QLineEdit::selectAll()
vfunc[120]:	QLineEdit::deselect()
vfunc[121]:	QLineEdit::clearValidator()
vfunc[122]:	QLineEdit::insert(QString const&)
vfunc[123]:	QLineEdit::clear()
vfunc[124]:	QLineEdit::undo()
vfunc[125]:	QLineEdit::redo()
vfunc[126]:	QLineEdit::setMaxLength(int)
vfunc[127]:	QLineEdit::setFrame(bool)
vfunc[128]:	QLineEdit::setEchoMode(QLineEdit::EchoMode)

© 2008 Linux Foundation

vfunc[129]:	QLineEdit::setReadOnly(bool)
vfunc[130]:	QLineEdit::setValidator(QValidator const*)
vfunc[131]:	QLineEdit::setSelection(int, int)
vfunc[132]:	QLineEdit::setCursorPosition(int)
vfunc[133]:	QLineEdit::setAlignment(int)
vfunc[134]:	QLineEdit::cut()
vfunc[135]:	QLineEdit::copy() const
vfunc[136]:	QLineEdit::paste()
vfunc[137]:	QLineEdit::setDragEnabled(bool)
vfunc[138]:	QLineEdit::createPopupMenu()

The Run Time Type Information for the QLineEdit class is described by Table 18-362

Table 18-362 typeinfo for QLineEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QLineEdit
basetype:	typeinfo for QFrame

18.2.22.5 Class data for QListBoxText

The virtual table for the QListBoxText class is described by Table 18-363

Table 18-363 Primary vtable for QListBoxText

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QListBoxText
vfunc[0]:	QListBoxText::~QListBoxText()
vfunc[1]:	QListBoxText::~QListBoxText()
vfunc[2]:	QListBoxItem::text() const
vfunc[3]:	QListBoxItem::pixmap() const
vfunc[4]:	QListBoxText::height(QListBox const*) const
vfunc[5]:	QListBoxText::width(QListBox const*) const
vfunc[6]:	QListBoxText::rtti() const
vfunc[7]:	QListBoxText::paint(QPainter*)
vfunc[8]:	NULL or QListBoxItem::setText(QString const&)

The Run Time Type Information for the QListBoxText class is described by Table 18-364

Table 18-364 typeinfo for QListBoxText

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QListBoxText
basetype:	typeinfo for QListBoxItem

18.2.22.6 Class data for QLCDNumber

The virtual table for the QLCDNumber class is described by Table 18-365

Table 18-365 Primary vtable for QLCDNumber

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLCDNumber
vfunc[0]:	NULL or QLCDNumber::metaObject() const
vfunc[1]:	QLCDNumber::className() const
vfunc[2]:	QLCDNumber::qt_cast(char const*)
vfunc[3]:	QLCDNumber::qt_invoke(int, QUObject*)
vfunc[4]:	QLCDNumber::qt_emit(int, QUObject*)
vfunc[5]:	QLCDNumber::qt_property(int, int, QVariant*)
vfunc[6]:	QLCDNumber::~QLCDNumber()
vfunc[7]:	QLCDNumber::~QLCDNumber()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)

 © 2008 Linux Foundation

vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()

vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QLCDNumber::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)

 © 2008 Linux Foundation

vfunc[82]:	QFrame::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)

vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QLCDNumber::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QLCDNumber::setNumDigits(int)
vfunc[119]:	QLCDNumber::setMode(QLCDNumber::Mode)
vfunc[120]:	QLCDNumber::setSegmentStyle(QLCDNumber::SegmentStyle)
vfunc[121]:	QLCDNumber::setHexMode()
vfunc[122]:	QLCDNumber::setDecMode()
vfunc[123]:	QLCDNumber::setOctMode()
vfunc[124]:	QLCDNumber::setBinMode()
vfunc[125]:	QLCDNumber::setSmallDecimalPoint(bool)

The Run Time Type Information for the QLCDNumber class is described by Table 18-366

Table 18-366 typeinfo for QLCDNumber

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QLCDNumber
basetype:	typeinfo for QFrame

18.2.22.7 Class data for QGridView

The virtual table for the QGridView class is described by Table 18-367

Table 18-367 Primary vtable for QGridView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGridView
vfunc[0]:	NULL or QGridView::metaObject() const
vfunc[1]:	QGridView::className() const
vfunc[2]:	QGridView::qt_cast(char const*)
vfunc[3]:	QGridView::qt_invoke(int, QUObject*)
vfunc[4]:	QGridView::qt_emit(int, QUObject*)
vfunc[5]:	QGridView::qt_property(int, int, QVariant*)

 © 2008 Linux Foundation

vfunc[6]:	QGridView::~QGridView()
vfunc[7]:	QGridView::~QGridView()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QScrollView::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QScrollView::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)

vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QScrollView::sizeHint() const
vfunc[59]:	QScrollView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)

 © 2008 Linux Foundation

vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QScrollView::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)

vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QScrollView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QScrollView::focusNextPrevChild(b ool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QGridView::drawContents(QPainter *)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrol lView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QS crollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QS crollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWi

 © 2008 Linux Foundation

	dget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QScrollView::setContentsPos(int, int)
vfunc[127]:	QGridView::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QScrollView::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QScrollView::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QScrollView::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QScrollView::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QScrollView::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QScrollView::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QScrollView::contentsDragLeaveEvent(QDragLeaveEvent*)
vfunc[136]:	QScrollView::contentsDropEvent(QDropEvent*)
vfunc[137]:	QScrollView::contentsWheelEvent(QWheelEvent*)
vfunc[138]:	QScrollView::contentsContextMenuEvent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QScrollView::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDoubleClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEvent(QDragMoveEvent*)

vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(QDropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)
vfunc[154]:	QGridView::setNumRows(int)
vfunc[155]:	QGridView::setNumCols(int)
vfunc[156]:	QGridView::setCellWidth(int)
vfunc[157]:	QGridView::setCellHeight(int)
vfunc[158]:	__cxa_pure_virtual
vfunc[159]:	QGridView::paintEmptyArea(QPainter*, int, int, int, int)
vfunc[160]:	QGridView::dimensionChange(int, int)

The Run Time Type Information for the QGridView class is described by Table 18-368

Table 18-368 typeinfo for QGridView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGridView
basetype:	typeinfo for QScrollView

18.2.22.8 Class data for QButton

The virtual table for the QButton class is described by Table 18-369

Table 18-369 Primary vtable for QButton

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QButton
vfunc[0]:	NULL or QButton::metaObject() const
vfunc[1]:	QButton::className() const
vfunc[2]:	QButton::qt_cast(char const*)
vfunc[3]:	QButton::qt_invoke(int, QUObject*)

© 2008 Linux Foundation

vfunc[4]:	QButton::qt_emit(int, QUObject*)
vfunc[5]:	QButton::qt_property(int, int, QVariant*)
vfunc[6]:	QButton::~QButton()
vfunc[7]:	QButton::~QButton()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()

vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QCol or const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QP ixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget:: FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidget::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)

 © 2008 Linux Foundation

vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QButton::mousePressEvent(QMouseEvent*)
vfunc[70]:	QButton::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QButton::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QButton::keyPressEvent(QKeyEvent*)
vfunc[75]:	QButton::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QButton::focusInEvent(QFocusEvent*)
vfunc[77]:	QButton::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QButton::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)

© 2008 Linux Foundation

vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QButton::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QButton::setText(QString const&)
vfunc[111]:	QButton::setPixmap(QPixmap const&)
vfunc[112]:	QButton::setAccel(QKeySequence const&)
vfunc[113]:	QButton::setDown(bool)
vfunc[114]:	QButton::setAutoRepeat(bool)
vfunc[115]:	QButton::setToggleType(QButton::ToggleType)
vfunc[116]:	QButton::setState(QButton::ToggleState)
vfunc[117]:	QButton::hitButton(QPoint const&) const
vfunc[118]:	QButton::drawButton(QPainter*)
vfunc[119]:	QButton::drawButtonLabel(QPainter*)
vfunc[120]:	QButton::setGroup(QButtonGroup*)

The Run Time Type Information for the QButton class is described by Table 18-370

 © 2008 Linux Foundation

Table 18-370 typeinfo for QButton

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QButton
basetype:	typeinfo for QWidget

18.2.22.9 Class data for QTabWidget

The virtual table for the QTabWidget class is described by Table 18-371

Table 18-371 Primary vtable for QTabWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTabWidget
vfunc[0]:	NULL or QTabWidget::metaObject() const
vfunc[1]:	QTabWidget::className() const
vfunc[2]:	QTabWidget::qt_cast(char const*)
vfunc[3]:	QTabWidget::qt_invoke(int, QUObject*)
vfunc[4]:	QTabWidget::qt_emit(int, QUObject*)
vfunc[5]:	QTabWidget::qt_property(int, int, QVariant*)
vfunc[6]:	QTabWidget::~QTabWidget()
vfunc[7]:	QTabWidget::~QTabWidget()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QTabWidget::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)

vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()

 © 2008 Linux Foundation

vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QTabWidget::sizeHint() const
vfunc[59]:	QTabWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*

	)
vfunc[82]:	QTabWidget::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QTabWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QTabWidget::updateMask()
vfunc[97]:	QTabWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)

 © 2008 Linux Foundation

vfunc[110]:	QTabWidget::addTab(QWidget*, QString const&)
vfunc[111]:	QTabWidget::addTab(QWidget*, QIconSet const&, QString const&)
vfunc[112]:	QTabWidget::addTab(QWidget*, QTab*)
vfunc[113]:	QTabWidget::insertTab(QWidget*, QString const&, int)
vfunc[114]:	QTabWidget::insertTab(QWidget*, QIconSet const&, QString const&, int)
vfunc[115]:	QTabWidget::insertTab(QWidget*, QTab*, int)
vfunc[116]:	QTabWidget::showPage(QWidget*)
vfunc[117]:	QTabWidget::removePage(QWidget*)

The Run Time Type Information for the QTabWidget class is described by Table 18-372

Table 18-372 typeinfo for QTabWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTabWidget
basetype:	typeinfo for QWidget

18.2.22.10 Class data for QTextView

The virtual table for the QTextView class is described by Table 18-373

Table 18-373 Primary vtable for QTextView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextView
vfunc[0]:	NULL or QTextView::metaObject() const
vfunc[1]:	QTextView::className() const
vfunc[2]:	QTextView::qt_cast(char const*)
vfunc[3]:	QTextView::qt_invoke(int, QUObject*)
vfunc[4]:	QTextView::qt_emit(int, QUObject*)
vfunc[5]:	QTextView::qt_property(int, int, QVariant*)
vfunc[6]:	QTextView::~QTextView()
vfunc[7]:	QTextView::~QTextView()
vfunc[8]:	QTextEdit::event(QEvent*)

vfunc[9]:	QTextEdit::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QTextEdit::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QTextEdit::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QTextEdit::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)

 © 2008 Linux Foundation

vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QTextEdit::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QTextEdit::sizeHint() const
vfunc[59]:	QScrollView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QTextEdit::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)

vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QTextEdit::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QTextEdit::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QTextEdit::imStartEvent(QIMEvent*)
vfunc[86]:	QTextEdit::imComposeEvent(QIMEvent*)
vfunc[87]:	QTextEdit::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()

 © 2008 Linux Foundation

vfunc[97]:	QScrollView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QTextEdit::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QTextEdit::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QTextEdit::drawContents(QPainter*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrollView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QScrollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QScrollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)

vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QScrollView::setContentsPos(int, int)
vfunc[127]:	QTextEdit::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QTextEdit::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QTextEdit::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QTextEdit::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QTextEdit::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QTextEdit::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QTextEdit::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QTextEdit::contentsDragLeaveEvent(QDragLeaveEvent*)
vfunc[136]:	QTextEdit::contentsDropEvent(QDropEvent*)
vfunc[137]:	QTextEdit::contentsWheelEvent(QWheelEvent*)
vfunc[138]:	QTextEdit::contentsContextMenuEvent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QTextEdit::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDoubleClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEvent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(Q

 © 2008 Linux Foundation

	DropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)
vfunc[154]:	QTextEdit::find(QString const&, bool, bool, bool, int*, int*)
vfunc[155]:	QTextEdit::getFormat(int, int, QFont*, QColor*, QTextEdit::VerticalAlignment*)
vfunc[156]:	QTextEdit::getParagraphFormat(int, QFont*, QColor*, QTextEdit::VerticalAlignment*, int*, QStyleSheetItem::DisplayMode*, QStyleSheetItem::ListStyle*, int*)
vfunc[157]:	QTextEdit::setMimeSourceFactory(QMimeSourceFactory*)
vfunc[158]:	QTextEdit::setStyleSheet(QStyleSheet*)
vfunc[159]:	QTextEdit::scrollToAnchor(QString const&)
vfunc[160]:	QTextEdit::setPaper(QBrush const&)
vfunc[161]:	QTextEdit::setLinkUnderline(bool)
vfunc[162]:	QTextEdit::setWordWrap(QTextEdit::WordWrap)
vfunc[163]:	QTextEdit::setWrapColumnOrWidth(int)
vfunc[164]:	QTextEdit::setWrapPolicy(QTextEdit::WrapPolicy)
vfunc[165]:	QTextEdit::copy()
vfunc[166]:	QTextEdit::append(QString const&)
vfunc[167]:	QTextEdit::setText(QString const&, QString const&)
vfunc[168]:	QTextEdit::setTextFormat(Qt::TextFormat)
vfunc[169]:	QTextEdit::selectAll(bool)
vfunc[170]:	QTextEdit::setTabStopWidth(int)
vfunc[171]:	QTextEdit::zoomIn(int)
vfunc[172]:	NULL or QTextEdit::zoomIn()

vfunc[173]:	QTextEdit::zoomOut(int)
vfunc[174]:	NULL or QTextEdit::zoomOut()
vfunc[175]:	QTextEdit::zoomTo(int)
vfunc[176]:	QTextEdit::sync()
vfunc[177]:	QTextEdit::setReadOnly(bool)
vfunc[178]:	QTextEdit::undo()
vfunc[179]:	QTextEdit::redo()
vfunc[180]:	QTextEdit::cut()
vfunc[181]:	QTextEdit::paste()
vfunc[182]:	QTextEdit::pasteSubType(QCString const&)
vfunc[183]:	QTextEdit::clear()
vfunc[184]:	QTextEdit::del()
vfunc[185]:	QTextEdit::indent()
vfunc[186]:	QTextEdit::setItalic(bool)
vfunc[187]:	QTextEdit::setBold(bool)
vfunc[188]:	QTextEdit::setUnderline(bool)
vfunc[189]:	QTextEdit::setFamily(QString const&)
vfunc[190]:	QTextEdit::setPointSize(int)
vfunc[191]:	QTextEdit::setColor(QColor const&)
vfunc[192]:	QTextEdit::setVerticalAlignment(QTextEdit::VerticalAlignment)
vfunc[193]:	QTextEdit::setAlignment(int)
vfunc[194]:	QTextEdit::setParagType(QStyleSheetItem::DisplayMode, QStyleSheetItem::ListStyle)
vfunc[195]:	QTextEdit::setCursorPosition(int, int)
vfunc[196]:	QTextEdit::setSelection(int, int, int, int, int)
vfunc[197]:	QTextEdit::setSelectionAttributes(int, QColor const&, bool)
vfunc[198]:	QTextEdit::setModified(bool)
vfunc[199]:	QTextEdit::resetFormat()
vfunc[200]:	QTextEdit::setUndoDepth(int)
vfunc[201]:	QTextEdit::setFormat(QTextFormat*, int)
vfunc[202]:	QTextEdit::ensureCursorVisible()
vfunc[203]:	QTextEdit::placeCursor(QPoint const&, QTextCursor*)
vfunc[204]:	QTextEdit::moveCursor(QTextEdit::CursorAction, bool)

 © 2008 Linux Foundation

vfunc[205]:	QTextEdit::doKeyboardAction(QTextEdit::KeyboardAction)
vfunc[206]:	QTextEdit::removeSelectedText(int)
vfunc[207]:	QTextEdit::removeSelection(int)
vfunc[208]:	NULL or QTextEdit::setCurrentFont(QFont const&)
vfunc[209]:	NULL or QTextEdit::setOverwriteMode(bool)
vfunc[210]:	QTextEdit::scrollToBottom()
vfunc[211]:	QTextEdit::insert(QString const&, bool, bool, bool)
vfunc[212]:	QTextEdit::insertAt(QString const&, int, int)
vfunc[213]:	QTextEdit::removeParagraph(int)
vfunc[214]:	QTextEdit::insertParagraph(QString const&, int)
vfunc[215]:	QTextEdit::setParagraphBackgroundColor(int, QColor const&)
vfunc[216]:	QTextEdit::clearParagraphBackground(int)
vfunc[217]:	QTextEdit::setUndoRedoEnabled(bool)
vfunc[218]:	QTextEdit::createPopupMenu(QPoint const&)
vfunc[219]:	QTextEdit::createPopupMenu()
vfunc[220]:	QTextEdit::doChangeInterval()
vfunc[221]:	NULL or QTextEdit::linksEnabled() const
vfunc[222]:	NULL or QTextEdit::emitHighlighted(QString const&)
vfunc[223]:	NULL or QTextEdit::emitLinkClicked(QString const&)

The Run Time Type Information for the QTextView class is described by Table 18-374

Table 18-374 typeinfo for QTextView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextView
basetype:	typeinfo for QTextEdit

18.2.22.11 Class data for QTab

The virtual table for the QTab class is described by Table 18-375

Table 18-375 Primary vtable for QTab

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTab
vfunc[0]:	QTab::~QTab()
vfunc[1]:	QTab::~QTab()

The Run Time Type Information for the QTab class is described by Table 18-376

Table 18-376 typeinfo for QTab

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTab
basetype:	typeinfo for Qt

18.2.22.12 Class data for QDial

The virtual table for the QDial class is described by Table 18-377

Table 18-377 Primary vtable for QDial

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDial
vfunc[0]:	NULL or QDial::metaObject() const
vfunc[1]:	QDial::className() const
vfunc[2]:	QDial::qt_cast(char const*)
vfunc[3]:	QDial::qt_invoke(int, QUObject*)
vfunc[4]:	QDial::qt_emit(int, QUObject*)
vfunc[5]:	QDial::qt_property(int, int, QVariant*)
vfunc[6]:	QDial::~QDial()
vfunc[7]:	QDial::~QDial()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)

 © 2008 Linux Foundation

vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)

vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDial::sizeHint() const
vfunc[59]:	QDial::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QDial::mousePressEvent(QMouseEvent*)
vfunc[70]:	QDial::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QDial::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QDial::wheelEvent(QWheelEvent*)
vfunc[74]:	QDial::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QDial::focusInEvent(QFocusEvent*)

 © 2008 Linux Foundation

vfunc[77]:	QDial::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QDial::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDial::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or

	QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDial::setNotchTarget(double)
vfunc[111]:	QDial::setValue(int)
vfunc[112]:	QDial::setNotchesVisible(bool)
vfunc[113]:	QDial::setWrapping(bool)
vfunc[114]:	QDial::setTracking(bool)
vfunc[115]:	QDial::valueChange()
vfunc[116]:	QDial::rangeChange()
vfunc[117]:	QDial::repaintScreen(QRect const*)

The Run Time Type Information for the QDial class is described by Table 18-378

Table 18-378 typeinfo for QDial

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QDial	
flags:	0	
basetype:	typeinfo for QWidget	2
basetype:	typeinfo for QRangeControl	29698

18.2.22.13 Class data for QListView

The virtual table for the QListView class is described by Table 18-379

Table 18-379 Primary vtable for QListView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QListView
vfunc[0]:	NULL or QListView::metaObject() const
vfunc[1]:	QListView::className() const
vfunc[2]:	QListView::qt_cast(char const*)
vfunc[3]:	QListView::qt_invoke(int, QUObject*)
vfunc[4]:	QListView::qt_emit(int, QUObject*)
vfunc[5]:	QListView::qt_property(int, int, QVariant*)
vfunc[6]:	QListView::~QListView()

 © 2008 Linux Foundation

vfunc[7]:	QListView::~QListView()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QListView::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QScrollView::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QListView::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QListView::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QCol

	or const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QListView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QListView::sizeHint() const
vfunc[59]:	QListView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)

 © 2008 Linux Foundation

vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QListView::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QListView::focusInEvent(QFocusEvent*)
vfunc[77]:	QListView::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QListView::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QListView::showEvent(QShowEvent*)

vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QListView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QListView::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QScrollView::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QScrollView::drawContents(QPainter*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrollView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QScrollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QScrollView::ScrollBarMode)

 © 2008 Linux Foundation

vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QListView::setContentsPos(int, int)
vfunc[127]:	QScrollView::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QListView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QListView::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QListView::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QListView::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QListView::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QListView::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QListView::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QListView::contentsDragLeaveEvent(QDragLeaveEvent*)
vfunc[136]:	QListView::contentsDropEvent(QDropEvent*)
vfunc[137]:	QScrollView::contentsWheelEvent(QWheelEvent*)
vfunc[138]:	QListView::contentsContextMenuEvent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QListView::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDoubleClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEv

	ent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(QDropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)
vfunc[154]:	QListView::setTreeStepSize(int)
vfunc[155]:	QListView::insertItem(QListViewItem*)
vfunc[156]:	QListView::takeItem(QListViewItem*)
vfunc[157]:	NULL or QListView::removeItem(QListViewItem*)
vfunc[158]:	QListView::addColumn(QString const&, int)
vfunc[159]:	QListView::addColumn(QIconSet const&, QString const&, int)
vfunc[160]:	QListView::removeColumn(int)
vfunc[161]:	QListView::setColumnText(int, QString const&)
vfunc[162]:	QListView::setColumnText(int, QIconSet const&, QString const&)
vfunc[163]:	QListView::setColumnWidth(int, int)
vfunc[164]:	QListView::setColumnWidthMode(int, QListView::WidthMode)
vfunc[165]:	QListView::setColumnAlignment(int, int)
vfunc[166]:	QListView::setMultiSelection(bool)
vfunc[167]:	QListView::clearSelection()
vfunc[168]:	QListView::setSelected(QListViewItem*, bool)
vfunc[169]:	QListView::setOpen(QListViewItem*, bool)
vfunc[170]:	QListView::setCurrentItem(QListViewItem*)

 © 2008 Linux Foundation

vfunc[171]:	QListView::setAllColumnsShowFocus(bool)
vfunc[172]:	QListView::setItemMargin(int)
vfunc[173]:	QListView::setRootIsDecorated(bool)
vfunc[174]:	QListView::setSorting(int, bool)
vfunc[175]:	QListView::sort()
vfunc[176]:	QListView::setShowSortIndicator(bool)
vfunc[177]:	QListView::setShowToolTips(bool)
vfunc[178]:	QListView::setResizeMode(QListView::ResizeMode)
vfunc[179]:	QListView::setDefaultRenameAction(QListView::RenameAction)
vfunc[180]:	QListView::clear()
vfunc[181]:	QListView::invertSelection()
vfunc[182]:	QListView::selectAll(bool)
vfunc[183]:	QListView::dragObject()
vfunc[184]:	QListView::startDrag()
vfunc[185]:	QListView::paintEmptyArea(QPainter*, QRect const&)

The Run Time Type Information for the QListView class is described by Table 18-380

Table 18-380 typeinfo for QListView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QListView
basetype:	typeinfo for QScrollView

18.2.22.14 Class data for QDesktopWidget

The virtual table for the QDesktopWidget class is described by Table 18-381

Table 18-381 Primary vtable for QDesktopWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDesktopWidget
vfunc[0]:	NULL or QDesktopWidget::metaObject() const
vfunc[1]:	QDesktopWidget::className() const
vfunc[2]:	QDesktopWidget::qt_cast(char const*)
vfunc[3]:	QDesktopWidget::qt_invoke(int,

	QUObject*)
vfunc[4]:	QDesktopWidget::qt_emit(int, QUObject*)
vfunc[5]:	QDesktopWidget::qt_property(int, int, QVariant*)
vfunc[6]:	QDesktopWidget::~QDesktopWidget()
vfunc[7]:	QDesktopWidget::~QDesktopWidget()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QDesktopWidget::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)

 © 2008 Linux Foundation

vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidget::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()

vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDesktopWidget::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragM

 © 2008 Linux Foundation

	oveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)

The Run Time Type Information for the QDesktopWidget class is described by Table 18-382

Table 18-382 typeinfo for QDesktopWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDesktopWidget
basetype:	typeinfo for QWidget

18.2.22.15 Class data for QListBoxItem

The virtual table for the QListBoxItem class is described by Table 18-383

Table 18-383 Primary vtable for QListBoxItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QListBoxItem

vfunc[0]:	QListBoxItem::~QListBoxItem()
vfunc[1]:	QListBoxItem::~QListBoxItem()
vfunc[2]:	QListBoxItem::text() const
vfunc[3]:	QListBoxItem::pixmap() const
vfunc[4]:	QListBoxItem::height(QListBox const*) const
vfunc[5]:	QListBoxItem::width(QListBox const*) const
vfunc[6]:	QListBoxItem::rtti() const
vfunc[7]:	__cxa_pure_virtual
vfunc[8]:	NULL or QListBoxItem::setText(QString const&)

The Run Time Type Information for the QListBoxItem class is described by Table 18-384

Table 18-384 typeinfo for QListBoxItem

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QListBoxItem

18.2.22.16 Class data for QScrollBar

The virtual table for the QScrollBar class is described by Table 18-385

Table 18-385 Primary vtable for QScrollBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QScrollBar
vfunc[0]:	NULL or QScrollBar::metaObject() const
vfunc[1]:	QScrollBar::className() const
vfunc[2]:	QScrollBar::qt_cast(char const*)
vfunc[3]:	QScrollBar::qt_invoke(int, QUObject*)
vfunc[4]:	QScrollBar::qt_emit(int, QUObject*)
vfunc[5]:	QScrollBar::qt_property(int, int, QVariant*)
vfunc[6]:	QScrollBar::~QScrollBar()
vfunc[7]:	QScrollBar::~QScrollBar()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)

 © 2008 Linux Foundation

vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QScrollBar::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)

vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QScrollBar::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QScrollBar::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollBar::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollBar::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollBar::mouseMoveEvent(QMouseEvent*)

 © 2008 Linux Foundation

vfunc[73]:	QScrollBar::wheelEvent(QWheelEvent*)
vfunc[74]:	QScrollBar::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QScrollBar::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QScrollBar::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollBar::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QScrollBar::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QScrollBar::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)

© 2008 Linux Foundation

vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QScrollBar::setOrientation(Qt::Orientation)
vfunc[111]:	NULL or QScrollBar::setTracking(bool)
vfunc[112]:	QScrollBar::valueChange()
vfunc[113]:	QScrollBar::stepChange()
vfunc[114]:	QScrollBar::rangeChange()

The Run Time Type Information for the QScrollBar class is described by Table 18-386

Table 18-386 typeinfo for QScrollBar

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QScrollBar	
flags:	0	
basetype:	typeinfo for QWidget	2
basetype:	typeinfo for QRangeControl	29698

18.2.22.17 Class data for QIconFactory

The virtual table for the QIconFactory class is described by Table 18-387

Table 18-387 Primary vtable for QIconFactory

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIconFactory
vfunc[0]:	QIconFactory::~QIconFactory()
vfunc[1]:	QIconFactory::~QIconFactory()

 © 2008 Linux Foundation

vfunc[2]:	QIconFactory::createPixmap(QIconSet const&, QIconSet::Size, QIconSet::Mode, QIconSet::State)

The Run Time Type Information for the QIconFactory class is described by Table 18-388

Table 18-388 typeinfo for QIconFactory

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QIconFactory	
flags:	0	
basetype:	typeinfo for QShared	1024

18.2.22.18 Class data for QSpinBox

The virtual table for the QSpinBox class is described by Table 18-389

Table 18-389 Primary vtable for QSpinBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSpinBox
vfunc[0]:	NULL or QSpinBox::metaObject() const
vfunc[1]:	QSpinBox::className() const
vfunc[2]:	QSpinBox::qt_cast(char const*)
vfunc[3]:	QSpinBox::qt_invoke(int, QUObject*)
vfunc[4]:	QSpinBox::qt_emit(int, QUObject*)
vfunc[5]:	QSpinBox::qt_property(int, int, QVariant*)
vfunc[6]:	QSpinBox::~QSpinBox()
vfunc[7]:	QSpinBox::~QSpinBox()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QSpinBox::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)

vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QSpinBox::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)

 © 2008 Linux Foundation

vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QSpinBox::sizeHint() const
vfunc[59]:	QSpinBox::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QSpinBox::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEven

	t*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QSpinBox::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QSpinBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QSpinBox::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or

 © 2008 Linux Foundation

	QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QSpinBox::prefix() const
vfunc[111]:	QSpinBox::suffix() const
vfunc[112]:	QSpinBox::cleanText() const
vfunc[113]:	QSpinBox::setSpecialValueText(QString const&)
vfunc[114]:	QSpinBox::setWrapping(bool)
vfunc[115]:	QSpinBox::setButtonSymbols(QSpinBox::ButtonSymbols)
vfunc[116]:	QSpinBox::setValidator(QValidator const*)
vfunc[117]:	QSpinBox::setValue(int)
vfunc[118]:	QSpinBox::setPrefix(QString const&)
vfunc[119]:	QSpinBox::setSuffix(QString const&)
vfunc[120]:	QSpinBox::stepUp()
vfunc[121]:	QSpinBox::stepDown()
vfunc[122]:	QSpinBox::selectAll()
vfunc[123]:	QSpinBox::mapValueToText(int)
vfunc[124]:	QSpinBox::mapTextToValue(bool*)
vfunc[125]:	QSpinBox::updateDisplay()
vfunc[126]:	QSpinBox::interpretText()
vfunc[127]:	QSpinBox::valueChange()
vfunc[128]:	QSpinBox::rangeChange()

The Run Time Type Information for the QSpinBox class is described by Table 18-390

Table 18-390 typeinfo for QSpinBox

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QSpinBox	
flags:	0	
basetype:	typeinfo for QWidget	2
basetype:	typeinfo for QRangeControl	29698

18.2.22.19 Class data for QLabel

The virtual table for the QLabel class is described by Table 18-391

Table 18-391 Primary vtable for QLabel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLabel
vfunc[0]:	NULL or QLabel::metaObject() const
vfunc[1]:	QLabel::className() const
vfunc[2]:	QLabel::qt_cast(char const*)
vfunc[3]:	QLabel::qt_invoke(int, QUObject*)
vfunc[4]:	QLabel::qt_emit(int, QUObject*)
vfunc[5]:	QLabel::qt_property(int, int, QVariant*)
vfunc[6]:	QLabel::~QLabel()
vfunc[7]:	QLabel::~QLabel()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap

© 2008 Linux Foundation

	const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QLabel::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)

vfunc[58]:	QLabel::sizeHint() const
vfunc[59]:	QLabel::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QLabel::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QLabel::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)

 © 2008 Linux Foundation

vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QLabel::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QLabel::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QLabel::setAlignment(int)

© 2008 Linux Foundation

vfunc[119]:	QLabel::setAutoResize(bool)
vfunc[120]:	QLabel::setBuddy(QWidget*)
vfunc[121]:	QLabel::setText(QString const&)
vfunc[122]:	QLabel::setPixmap(QPixmap const&)
vfunc[123]:	QLabel::setPicture(QPicture const&)
vfunc[124]:	QLabel::setMovie(QMovie const&)
vfunc[125]:	QLabel::setNum(int)
vfunc[126]:	QLabel::setNum(double)

The Run Time Type Information for the QLabel class is described by Table 18-392

Table 18-392 typeinfo for QLabel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QLabel
basetype:	typeinfo for QFrame

18.2.22.20 Class data for QListBoxPixmap

The virtual table for the QListBoxPixmap class is described by Table 18-393

Table 18-393 Primary vtable for QListBoxPixmap

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QListBoxPixmap
vfunc[0]:	QListBoxPixmap::~QListBoxPixmap( )
vfunc[1]:	QListBoxPixmap::~QListBoxPixmap( )
vfunc[2]:	QListBoxItem::text() const
vfunc[3]:	NULL or QListBoxPixmap::pixmap() const
vfunc[4]:	QListBoxPixmap::height(QListBox const*) const
vfunc[5]:	QListBoxPixmap::width(QListBox const*) const
vfunc[6]:	QListBoxPixmap::rtti() const
vfunc[7]:	QListBoxPixmap::paint(QPainter*)
vfunc[8]:	NULL or QListBoxItem::setText(QString const&)

The Run Time Type Information for the QListBoxPixmap class is described by Table 18-394

 © 2008 Linux Foundation

Table 18-394 typeinfo for QListBoxPixmap

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QListBoxPixmap
basetype:	typeinfo for QListBoxItem

18.2.22.21 Class data for QWhatsThis

The virtual table for the QWhatsThis class is described by Table 18-395

Table 18-395 Primary vtable for QWhatsThis

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWhatsThis
vfunc[0]:	QWhatsThis::~QWhatsThis()
vfunc[1]:	QWhatsThis::~QWhatsThis()
vfunc[2]:	QWhatsThis::text(QPoint const&)
vfunc[3]:	QWhatsThis::clicked(QString const&)

The Run Time Type Information for the QWhatsThis class is described by Table 18-396

Table 18-396 typeinfo for QWhatsThis

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWhatsThis
basetype:	typeinfo for Qt

18.2.22.22 Class data for QMultiLineEdit

The virtual table for the QMultiLineEdit class is described by Table 18-397

Table 18-397 Primary vtable for QMultiLineEdit

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMultiLineEdit
vfunc[0]:	NULL or QMultiLineEdit::metaObject() const
vfunc[1]:	QMultiLineEdit::className() const
vfunc[2]:	QMultiLineEdit::qt_cast(char const*)
vfunc[3]:	QMultiLineEdit::qt_invoke(int, QUObject*)
vfunc[4]:	QMultiLineEdit::qt_emit(int, QUObject*)
vfunc[5]:	QMultiLineEdit::qt_property(int, int, QVariant*)

vfunc[6]:	QMultiLineEdit::~QMultiLineEdit()
vfunc[7]:	QMultiLineEdit::~QMultiLineEdit()
vfunc[8]:	QTextEdit::event(QEvent*)
vfunc[9]:	QTextEdit::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QTextEdit::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QTextEdit::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QTextEdit::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)

 © 2008 Linux Foundation

vfunc[36]:	QWidget::setBackgroundColor(QCol or const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QP ixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget:: FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QTextEdit::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QTextEdit::sizeHint() const
vfunc[59]:	QScrollView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QTextEdit::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QW

	idget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QTextEdit::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QTextEdit::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QTextEdit::imStartEvent(QIMEvent*)
vfunc[86]:	QTextEdit::imComposeEvent(QIMEvent*)
vfunc[87]:	QTextEdit::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)

 © 2008 Linux Foundation

vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QScrollView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QTextEdit::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QTextEdit::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QTextEdit::drawContents(QPainter*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrollView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QScrollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QS

	crollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QScrollView::setContentsPos(int, int)
vfunc[127]:	QTextEdit::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QTextEdit::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QTextEdit::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QTextEdit::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QTextEdit::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QTextEdit::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QTextEdit::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QTextEdit::contentsDragLeaveEvent(QDragLeaveEvent*)
vfunc[136]:	QTextEdit::contentsDropEvent(QDropEvent*)
vfunc[137]:	QTextEdit::contentsWheelEvent(QWheelEvent*)
vfunc[138]:	QTextEdit::contentsContextMenuEvent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QTextEdit::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDoubleClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)

 © 2008 Linux Foundation

vfunc[146]:	QScrollView::viewportDragMoveEvent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(QDropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)
vfunc[154]:	QTextEdit::find(QString const&, bool, bool, bool, int*, int*)
vfunc[155]:	QTextEdit::getFormat(int, int, QFont*, QColor*, QTextEdit::VerticalAlignment*)
vfunc[156]:	QTextEdit::getParagraphFormat(int, QFont*, QColor*, QTextEdit::VerticalAlignment*, int*, QStyleSheetItem::DisplayMode*, QStyleSheetItem::ListStyle*, int*)
vfunc[157]:	QTextEdit::setMimeSourceFactory(QMimeSourceFactory*)
vfunc[158]:	QTextEdit::setStyleSheet(QStyleSheet*)
vfunc[159]:	QTextEdit::scrollToAnchor(QString const&)
vfunc[160]:	QTextEdit::setPaper(QBrush const&)
vfunc[161]:	QTextEdit::setLinkUnderline(bool)
vfunc[162]:	QTextEdit::setWordWrap(QTextEdit::WordWrap)
vfunc[163]:	QTextEdit::setWrapColumnOrWidth(int)
vfunc[164]:	QTextEdit::setWrapPolicy(QTextEdit::WrapPolicy)
vfunc[165]:	QTextEdit::copy()
vfunc[166]:	QTextEdit::append(QString const&)
vfunc[167]:	QTextEdit::setText(QString const&, QString const&)
vfunc[168]:	QTextEdit::setTextFormat(Qt::TextFormat)

© 2008 Linux Foundation

vfunc[169]:	QTextEdit::selectAll(bool)
vfunc[170]:	QTextEdit::setTabStopWidth(int)
vfunc[171]:	QTextEdit::zoomIn(int)
vfunc[172]:	NULL or QTextEdit::zoomIn()
vfunc[173]:	QTextEdit::zoomOut(int)
vfunc[174]:	NULL or QTextEdit::zoomOut()
vfunc[175]:	QTextEdit::zoomTo(int)
vfunc[176]:	QTextEdit::sync()
vfunc[177]:	QTextEdit::setReadOnly(bool)
vfunc[178]:	QTextEdit::undo()
vfunc[179]:	QTextEdit::redo()
vfunc[180]:	QTextEdit::cut()
vfunc[181]:	QTextEdit::paste()
vfunc[182]:	QTextEdit::pasteSubType(QCString const&)
vfunc[183]:	QTextEdit::clear()
vfunc[184]:	QTextEdit::del()
vfunc[185]:	QTextEdit::indent()
vfunc[186]:	QTextEdit::setItalic(bool)
vfunc[187]:	QTextEdit::setBold(bool)
vfunc[188]:	QTextEdit::setUnderline(bool)
vfunc[189]:	QTextEdit::setFamily(QString const&)
vfunc[190]:	QTextEdit::setPointSize(int)
vfunc[191]:	QTextEdit::setColor(QColor const&)
vfunc[192]:	QTextEdit::setVerticalAlignment(QTextEdit::VerticalAlignment)
vfunc[193]:	QMultiLineEdit::setAlignment(int)
vfunc[194]:	QTextEdit::setParagType(QStyleSheetItem::DisplayMode, QStyleSheetItem::ListStyle)
vfunc[195]:	NULL or QMultiLineEdit::setCursorPosition(int, int)
vfunc[196]:	QTextEdit::setSelection(int, int, int, int, int)
vfunc[197]:	QTextEdit::setSelectionAttributes(int, QColor const&, bool)
vfunc[198]:	QTextEdit::setModified(bool)
vfunc[199]:	QTextEdit::resetFormat()
vfunc[200]:	QTextEdit::setUndoDepth(int)
vfunc[201]:	QTextEdit::setFormat(QTextFormat*,

 © 2008 Linux Foundation

	int)
vfunc[202]:	QTextEdit::ensureCursorVisible()
vfunc[203]:	QTextEdit::placeCursor(QPoint const&, QTextCursor*)
vfunc[204]:	QTextEdit::moveCursor(QTextEdit::CursorAction, bool)
vfunc[205]:	QTextEdit::doKeyboardAction(QTextEdit::KeyboardAction)
vfunc[206]:	QTextEdit::removeSelectedText(int)
vfunc[207]:	QTextEdit::removeSelection(int)
vfunc[208]:	NULL or QTextEdit::setCurrentFont(QFont const&)
vfunc[209]:	NULL or QTextEdit::setOverwriteMode(bool)
vfunc[210]:	QTextEdit::scrollToBottom()
vfunc[211]:	QTextEdit::insert(QString const&, bool, bool, bool)
vfunc[212]:	NULL or QMultiLineEdit::insertAt(QString const&, int, int)
vfunc[213]:	QTextEdit::removeParagraph(int)
vfunc[214]:	QTextEdit::insertParagraph(QString const&, int)
vfunc[215]:	QTextEdit::setParagraphBackgroundColor(int, QColor const&)
vfunc[216]:	QTextEdit::clearParagraphBackground(int)
vfunc[217]:	QTextEdit::setUndoRedoEnabled(bool)
vfunc[218]:	QTextEdit::createPopupMenu(QPoint const&)
vfunc[219]:	QTextEdit::createPopupMenu()
vfunc[220]:	QTextEdit::doChangeInterval()
vfunc[221]:	NULL or QTextEdit::linksEnabled() const
vfunc[222]:	NULL or QTextEdit::emitHighlighted(QString const&)
vfunc[223]:	NULL or QTextEdit::emitLinkClicked(QString const&)
vfunc[224]:	QMultiLineEdit::insertLine(QString const&, int)
vfunc[225]:	QMultiLineEdit::insertAt(QString

	const&, int, int, bool)
vfunc[226]:	QMultiLineEdit::removeLine(int)
vfunc[227]:	QMultiLineEdit::setCursorPosition(int, int, bool)
vfunc[228]:	NULL or QMultiLineEdit::setAutoUpdate(bool)
vfunc[229]:	QMultiLineEdit::insertAndMark(QString const&, bool)
vfunc[230]:	QMultiLineEdit::newLine()
vfunc[231]:	QMultiLineEdit::killLine()
vfunc[232]:	QMultiLineEdit::pageUp(bool)
vfunc[233]:	QMultiLineEdit::pageDown(bool)
vfunc[234]:	QMultiLineEdit::cursorLeft(bool, bool)
vfunc[235]:	QMultiLineEdit::cursorRight(bool, bool)
vfunc[236]:	QMultiLineEdit::cursorUp(bool)
vfunc[237]:	QMultiLineEdit::cursorDown(bool)
vfunc[238]:	QMultiLineEdit::backspace()
vfunc[239]:	QMultiLineEdit::home(bool)
vfunc[240]:	QMultiLineEdit::end(bool)

The Run Time Type Information for the QMultiLineEdit class is described by Table 18-398

Table 18-398 typeinfo for QMultiLineEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMultiLineEdit
basetype:	typeinfo for QTextEdit

18.2.22.23 Class data for QListBox

The virtual table for the QListBox class is described by Table 18-399

Table 18-399 Primary vtable for QListBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QListBox
vfunc[0]:	NULL or QListBox::metaObject() const
vfunc[1]:	QListBox::className() const
vfunc[2]:	QListBox::qt_cast(char const*)
vfunc[3]:	QListBox::qt_invoke(int, QUObject*)

 © 2008 Linux Foundation

vfunc[4]:	QListBox::qt_emit(int, QUObject*)
vfunc[5]:	QListBox::qt_property(int, int, QVariant*)
vfunc[6]:	QListBox::~QListBox()
vfunc[7]:	QListBox::~QListBox()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QListBox::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QScrollView::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QListBox::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)

vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QCol or const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QP ixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget:: FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QListBox::sizeHint() const
vfunc[59]:	QListBox::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)

 © 2008 Linux Foundation

vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QListBox::mousePressEvent(QMouseEvent*)
vfunc[70]:	QListBox::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QListBox::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QListBox::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QListBox::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QListBox::focusInEvent(QFocusEvent*)
vfunc[77]:	QListBox::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QListBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)

vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QListBox::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QScrollView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QListBox::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QScrollView::focusNextPrevChild(b ool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QScrollView::drawContents(QPainte r*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrol lView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QS

 © 2008 Linux Foundation

	crollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QScrollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QScrollView::setContentsPos(int, int)
vfunc[127]:	QScrollView::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QScrollView::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QScrollView::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QScrollView::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QScrollView::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QScrollView::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QScrollView::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QScrollView::contentsDragLeaveEvent(QDragLeaveEvent*)
vfunc[136]:	QScrollView::contentsDropEvent(QDropEvent*)
vfunc[137]:	QScrollView::contentsWheelEvent(QWheelEvent*)
vfunc[138]:	QListBox::contentsContextMenuEvent(QContextMenuEvent*)
vfunc[139]:	QListBox::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QScrollView::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDoubleClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)

vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEvent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(QDropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)
vfunc[154]:	QListBox::setCurrentItem(int)
vfunc[155]:	QListBox::setCurrentItem(QListBoxItem*)
vfunc[156]:	QListBox::setTopItem(int)
vfunc[157]:	QListBox::setBottomItem(int)
vfunc[158]:	QListBox::setSelectionMode(QListBox::SelectionMode)
vfunc[159]:	QListBox::setSelected(QListBoxItem*, bool)
vfunc[160]:	QListBox::setColumnMode(QListBox::LayoutMode)
vfunc[161]:	QListBox::setColumnMode(int)
vfunc[162]:	QListBox::setRowMode(QListBox::LayoutMode)
vfunc[163]:	QListBox::setRowMode(int)
vfunc[164]:	QListBox::setVariableWidth(bool)
vfunc[165]:	QListBox::setVariableHeight(bool)
vfunc[166]:	QListBox::ensureCurrentVisible()
vfunc[167]:	QListBox::clearSelection()
vfunc[168]:	QListBox::selectAll(bool)
vfunc[169]:	QListBox::invertSelection()
vfunc[170]:	QListBox::paintCell(QPainter*, int, int)

The Run Time Type Information for the QListBox class is described by Table 18-400

 © 2008 Linux Foundation

Table 18-400 typeinfo for QListBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QListBox
basetype:	typeinfo for QScrollView

18.2.22.24 Class data for QComboBox

The virtual table for the QComboBox class is described by Table 18-401

Table 18-401 Primary vtable for QComboBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QComboBox
vfunc[0]:	NULL or QComboBox::metaObject() const
vfunc[1]:	QComboBox::className() const
vfunc[2]:	QComboBox::qt_cast(char const*)
vfunc[3]:	QComboBox::qt_invoke(int, QUObject*)
vfunc[4]:	QComboBox::qt_emit(int, QUObject*)
vfunc[5]:	QComboBox::qt_property(int, int, QVariant*)
vfunc[6]:	QComboBox::~QComboBox()
vfunc[7]:	QComboBox::~QComboBox()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QComboBox::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QComboBox::setEnabled(bool)

vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QComboBox::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QComboBox::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QComboBox::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()

 © 2008 Linux Foundation

vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QComboBox::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QComboBox::mousePressEvent(QMouseEvent*)
vfunc[70]:	QComboBox::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QComboBox::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QComboBox::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QComboBox::wheelEvent(QWheelEvent*)
vfunc[74]:	QComboBox::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QComboBox::focusInEvent(QFocusEvent*)
vfunc[77]:	QComboBox::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QComboBox::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*

	)
vfunc[82]:	QComboBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QComboBox::updateMask()
vfunc[97]:	QComboBox::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)

 © 2008 Linux Foundation

vfunc[110]:	QComboBox::setCurrentItem(int)
vfunc[111]:	QComboBox::setCurrentText(QString const&)
vfunc[112]:	QComboBox::setAutoResize(bool)
vfunc[113]:	QComboBox::setSizeLimit(int)
vfunc[114]:	QComboBox::setMaxCount(int)
vfunc[115]:	QComboBox::setInsertionPolicy(QComboBox::Policy)
vfunc[116]:	QComboBox::setValidator(QValidator const*)
vfunc[117]:	QComboBox::setListBox(QListBox*)
vfunc[118]:	QComboBox::setLineEdit(QLineEdit*)
vfunc[119]:	QComboBox::setAutoCompletion(bool)
vfunc[120]:	QComboBox::popup()
vfunc[121]:	QComboBox::setEditText(QString const&)

The Run Time Type Information for the QComboBox class is described by Table 18-402

Table 18-402 typeinfo for QComboBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QComboBox
basetype:	typeinfo for QWidget

18.2.22.25 Class data for QRadioButton

The virtual table for the QRadioButton class is described by Table 18-403

Table 18-403 Primary vtable for QRadioButton

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QRadioButton
vfunc[0]:	NULL or QRadioButton::metaObject() const
vfunc[1]:	QRadioButton::className() const
vfunc[2]:	QRadioButton::qt_cast(char const*)
vfunc[3]:	QRadioButton::qt_invoke(int, QUObject*)
vfunc[4]:	QRadioButton::qt_emit(int, QUObject*)
vfunc[5]:	QRadioButton::qt_property(int, int, QVariant*)

vfunc[6]:	NULL or QRadioButton::~QRadioButton()
vfunc[7]:	NULL or QRadioButton::~QRadioButton()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)

 © 2008 Linux Foundation

vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QCol or const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QP ixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget:: FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QRadioButton::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QW

	idget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QButton::mousePressEvent(QMouse Event*)
vfunc[70]:	QButton::mouseReleaseEvent(QMou seEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QButton::mouseMoveEvent(QMouse Event*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent *)
vfunc[74]:	QButton::keyPressEvent(QKeyEvent *)
vfunc[75]:	QButton::keyReleaseEvent(QKeyEve nt*)
vfunc[76]:	QButton::focusInEvent(QFocusEvent *)
vfunc[77]:	QButton::focusOutEvent(QFocusEve nt*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QButton::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QRadioButton::resizeEvent(QResize Event*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QCont extMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEv ent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnt erEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragM oveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLe aveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)

 © 2008 Linux Foundation

vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QRadioButton::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QButton::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QButton::setText(QString const&)
vfunc[111]:	QButton::setPixmap(QPixmap const&)
vfunc[112]:	QButton::setAccel(QKeySequence const&)
vfunc[113]:	QButton::setDown(bool)
vfunc[114]:	QButton::setAutoRepeat(bool)
vfunc[115]:	QButton::setToggleType(QButton::ToggleType)
vfunc[116]:	QButton::setState(QButton::ToggleState)
vfunc[117]:	QRadioButton::hitButton(QPoint const&) const
vfunc[118]:	QRadioButton::drawButton(QPainter*)
vfunc[119]:	QRadioButton::drawButtonLabel(QPainter*)
vfunc[120]:	QButton::setGroup(QButtonGroup*)
vfunc[121]:	QRadioButton::setChecked(bool)

The Run Time Type Information for the QRadioButton class is described by

Table 18-404

Table 18-404 typeinfo for QRadioButton

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QRadioButton
basetype:	typeinfo for QButton

18.2.22.26 Class data for QSlider

The virtual table for the QSlider class is described by Table 18-405

Table 18-405 Primary vtable for QSlider

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSlider
vfunc[0]:	NULL or QSlider::metaObject() const
vfunc[1]:	QSlider::className() const
vfunc[2]:	QSlider::qt_cast(char const*)
vfunc[3]:	QSlider::qt_invoke(int, QUObject*)
vfunc[4]:	QSlider::qt_emit(int, QUObject*)
vfunc[5]:	QSlider::qt_property(int, int, QVariant*)
vfunc[6]:	QSlider::~QSlider()
vfunc[7]:	QSlider::~QSlider()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)

© 2008 Linux Foundation

vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QSlider::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)

vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QSlider::sizeHint() const
vfunc[59]:	QSlider::minimumSizeHint() const
vfunc[60]:	QSlider::sizePolicy() const
vfunc[61]:	QSlider::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QSlider::mousePressEvent(QMouseEvent*)
vfunc[70]:	QSlider::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QSlider::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QSlider::wheelEvent(QWheelEvent*)
vfunc[74]:	QSlider::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QSlider::focusInEvent(QFocusEvent*)
vfunc[77]:	QSlider::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QSlider::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QSlider::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)

 © 2008 Linux Foundation

vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QSlider::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QSlider::setOrientation(Qt::Orientation)
vfunc[111]:	QSlider::setTracking(bool)
vfunc[112]:	QSlider::setTickmarks(QSlider::TickSetting)

vfunc[113]:	QSlider::setTickInterval(int)
vfunc[114]:	QSlider::setValue(int)
vfunc[115]:	QSlider::valueChange()
vfunc[116]:	QSlider::rangeChange()

The Run Time Type Information for the QSlider class is described by Table 18-406

Table 18-406 typeinfo for QSlider

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QSlider	
flags:	0	
basetype:	typeinfo for QWidget	2
basetype:	typeinfo for QRangeControl	29698

18.2.22.27 Class data for QMainWindow

The virtual table for the QMainWindow class is described by Table 18-407

Table 18-407 Primary vtable for QMainWindow

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMainWindow
vfunc[0]:	NULL or QMainWindow::metaObject() const
vfunc[1]:	QMainWindow::className() const
vfunc[2]:	QMainWindow::qt_cast(char const*)
vfunc[3]:	QMainWindow::qt_invoke(int, QUObject*)
vfunc[4]:	QMainWindow::qt_emit(int, QUObject*)
vfunc[5]:	QMainWindow::qt_property(int, int, QVariant*)
vfunc[6]:	QMainWindow::~QMainWindow()
vfunc[7]:	QMainWindow::~QMainWindow()
vfunc[8]:	QMainWindow::event(QEvent*)
vfunc[9]:	QMainWindow::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)

© 2008 Linux Foundation

vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QMainWindow::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)

© 2008 Linux Foundation

vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QMainWindow::show()
vfunc[48]:	QMainWindow::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QMainWindow::sizeHint() const
vfunc[59]:	QMainWindow::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)

 © 2008 Linux Foundation

vfunc[73]:	QWidget::wheelEvent(QWheelEvent *)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent *)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QMainWindow::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QWidget::resizeEvent(QResizeEvent *)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QMainWindow::styleChange(QStyle &)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont

	const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QMainWindow::setCentralWidget(QWidget*)
vfunc[111]:	QMainWindow::setDockEnabled(Qt::Dock, bool)
vfunc[112]:	QMainWindow::setDockEnabled(QDockWindow*, Qt::Dock, bool)
vfunc[113]:	QMainWindow::addDockWindow(QDockWindow*, Qt::Dock, bool)
vfunc[114]:	QMainWindow::addDockWindow(QDockWindow*, QString const&, Qt::Dock, bool)
vfunc[115]:	QMainWindow::moveDockWindow(QDockWindow*, Qt::Dock)
vfunc[116]:	QMainWindow::moveDockWindow(QDockWindow*, Qt::Dock, bool, int, int)
vfunc[117]:	QMainWindow::removeDockWindow(QDockWindow*)
vfunc[118]:	QMainWindow::dockingArea(QPoint const&)
vfunc[119]:	QMainWindow::isCustomizable() const
vfunc[120]:	QMainWindow::setRightJustification (bool)
vfunc[121]:	QMainWindow::setUsesBigPixmaps(bool)
vfunc[122]:	QMainWindow::setUsesTextLabel(bool)
vfunc[123]:	QMainWindow::setDockWindowsMovable(bool)

 © 2008 Linux Foundation

vfunc[124]:	QMainWindow::setOpaqueMoving(bool)
vfunc[125]:	QMainWindow::setDockMenuEnabled(bool)
vfunc[126]:	QMainWindow::whatsThis()
vfunc[127]:	QMainWindow::setAppropriate(QDockWindow*, bool)
vfunc[128]:	QMainWindow::customize()
vfunc[129]:	QMainWindow::setUpLayout()
vfunc[130]:	QMainWindow::showDockMenu(QPoint const&)
vfunc[131]:	QMainWindow::setMenuBar(QMenuBar*)
vfunc[132]:	QMainWindow::setStatusBar(QStatusBar*)
vfunc[133]:	QMainWindow::setToolTipGroup(QToolTipGroup*)

The Run Time Type Information for the QMainWindow class is described by Table 18-408

Table 18-408 typeinfo for QMainWindow

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMainWindow
basetype:	typeinfo for QWidget

18.2.22.28 Class data for QToolButton

The virtual table for the QToolButton class is described by Table 18-409

Table 18-409 Primary vtable for QToolButton

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QToolButton
vfunc[0]:	NULL or QToolButton::metaObject() const
vfunc[1]:	QToolButton::className() const
vfunc[2]:	QToolButton::qt_cast(char const*)
vfunc[3]:	QToolButton::qt_invoke(int, QUObject*)
vfunc[4]:	QToolButton::qt_emit(int, QUObject*)
vfunc[5]:	QToolButton::qt_property(int, int, QVariant*)
vfunc[6]:	QToolButton::~QToolButton()

vfunc[7]:	QToolButton::~QToolButton()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QToolButton::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)

 © 2008 Linux Foundation

vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QToolButton::sizeHint() const
vfunc[59]:	QToolButton::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const

vfunc[69]:	QToolButton::mousePressEvent(QMouseEvent*)
vfunc[70]:	QButton::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QButton::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QButton::keyPressEvent(QKeyEvent*)
vfunc[75]:	QButton::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QButton::focusInEvent(QFocusEvent*)
vfunc[77]:	QButton::focusOutEvent(QFocusEvent*)
vfunc[78]:	QToolButton::enterEvent(QEvent*)
vfunc[79]:	QToolButton::leaveEvent(QEvent*)
vfunc[80]:	QButton::paintEvent(QPaintEvent*)
vfunc[81]:	QToolButton::moveEvent(QMoveEvent*)
vfunc[82]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)

 © 2008 Linux Foundation

vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QButton::enabledChange(bool)
vfunc[99]:	QToolButton::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QToolButton::setText(QString const&)
vfunc[111]:	QButton::setPixmap(QPixmap const&)
vfunc[112]:	QButton::setAccel(QKeySequence const&)
vfunc[113]:	QButton::setDown(bool)
vfunc[114]:	QButton::setAutoRepeat(bool)
vfunc[115]:	QButton::setToggleType(QButton::ToggleType)
vfunc[116]:	QButton::setState(QButton::ToggleState)
vfunc[117]:	QButton::hitButton(QPoint const&) const
vfunc[118]:	QToolButton::drawButton(QPainter*)
vfunc[119]:	QToolButton::drawButtonLabel(QPainter*)
vfunc[120]:	QButton::setGroup(QButtonGroup*)
vfunc[121]:	QToolButton::setIconSet(QIconSet const&)
vfunc[122]:	QToolButton::setUsesBigPixmap(bool)

vfunc[123]:	QToolButton::setUsesTextLabel(bool)
vfunc[124]:	QToolButton::setTextLabel(QString const&, bool)
vfunc[125]:	QToolButton::setToggleButton(bool)
vfunc[126]:	QToolButton::setOn(bool)

The Run Time Type Information for the QToolButton class is described by Table 18-410

Table 18-410 typeinfo for QToolButton

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolButton
basetype:	typeinfo for QButton

18.2.22.29 Class data for QWidgetIntDict

The virtual table for the QWidgetIntDict class is described by Table 18-411

Table 18-411 Primary vtable for QWidgetIntDict

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWidgetIntDict
vfunc[0]:	NULL or QIntDict<QWidget>::count() const
vfunc[1]:	NULL or QIntDict<QWidget>::clear()
vfunc[2]:	NULL or QWidgetIntDict::~QWidgetIntDict()
vfunc[3]:	NULL or QWidgetIntDict::~QWidgetIntDict()
vfunc[4]:	QPtrCollection::newItem(void*)
vfunc[5]:	NULL or QIntDict<QWidget>::deleteItem(void*)
vfunc[6]:	QGDict::read(QDataStream&, void*&)
vfunc[7]:	QGDict::write(QDataStream&, void*) const

The Run Time Type Information for the QWidgetIntDict class is described by Table 18-412

Table 18-412 typeinfo for QWidgetIntDict

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWidgetIntDict

 © 2008 Linux Foundation

basetype:	typeinfo for QIntDict<QWidget>

18.2.22.30 Class data for QTabBar

The virtual table for the QTabBar class is described by Table 18-413

Table 18-413 Primary vtable for QTabBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTabBar
vfunc[0]:	NULL or QTabBar::metaObject() const
vfunc[1]:	QTabBar::className() const
vfunc[2]:	QTabBar::qt_cast(char const*)
vfunc[3]:	QTabBar::qt_invoke(int, QUObject*)
vfunc[4]:	QTabBar::qt_emit(int, QUObject*)
vfunc[5]:	QTabBar::qt_property(int, int, QVariant*)
vfunc[6]:	QTabBar::~QTabBar()
vfunc[7]:	QTabBar::~QTabBar()
vfunc[8]:	QTabBar::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)

vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QTabBar::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or

 © 2008 Linux Foundation

	QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QTabBar::sizeHint() const
vfunc[59]:	QTabBar::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QTabBar::mousePressEvent(QMouseEvent*)
vfunc[70]:	QTabBar::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QTabBar::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QTabBar::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QTabBar::focusInEvent(QFocusEvent*)
vfunc[77]:	QTabBar::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QTabBar::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QTabBar::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)

vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QTabBar::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QTabBar::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QTabBar::setShape(QTabBar::Shape)
vfunc[111]:	QTabBar::addTab(QTab*)
vfunc[112]:	QTabBar::insertTab(QTab*, int)
vfunc[113]:	QTabBar::removeTab(QTab*)
vfunc[114]:	QTabBar::setTabEnabled(int, bool)
vfunc[115]:	QTabBar::layoutTabs()
vfunc[116]:	QTabBar::selectTab(QPoint const&)

 © 2008 Linux Foundation

	const
vfunc[117]:	QTabBar::setCurrentTab(int)
vfunc[118]:	QTabBar::setCurrentTab(QTab*)
vfunc[119]:	QTabBar::paint(QPainter*, QTab*, bool) const
vfunc[120]:	QTabBar::paintLabel(QPainter*, QRect const&, QTab*, bool) const

The Run Time Type Information for the QTabBar class is described by Table 18-414

Table 18-414 typeinfo for QTabBar

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTabBar
basetype:	typeinfo for QWidget

18.2.22.31 Class data for QToolTip

The virtual table for the QToolTip class is described by Table 18-415

Table 18-415 Primary vtable for QToolTip

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QToolTip
vfunc[0]:	__cxa_pure_virtual

The Run Time Type Information for the QToolTip class is described by Table 18-416

Table 18-416 typeinfo for QToolTip

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolTip
basetype:	typeinfo for Qt

18.2.22.32 Class data for QCheckBox

The virtual table for the QCheckBox class is described by Table 18-417

Table 18-417 Primary vtable for QCheckBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCheckBox
vfunc[0]:	NULL or QCheckBox::metaObject() const
vfunc[1]:	QCheckBox::className() const
vfunc[2]:	QCheckBox::qt_cast(char const*)

vfunc[3]:	QCheckBox::qt_invoke(int, QUObject*)
vfunc[4]:	QCheckBox::qt_emit(int, QUObject*)
vfunc[5]:	QCheckBox::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QCheckBox::~QCheckBox()
vfunc[7]:	NULL or QCheckBox::~QCheckBox()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)

 © 2008 Linux Foundation

vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QCheckBox::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*,

	unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QButton::mousePressEvent(QMouseEvent*)
vfunc[70]:	QButton::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QButton::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QButton::keyPressEvent(QKeyEvent*)
vfunc[75]:	QButton::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QButton::focusInEvent(QFocusEvent*)
vfunc[77]:	QButton::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QButton::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QCheckBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)

 © 2008 Linux Foundation

vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QCheckBox::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QButton::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QButton::setText(QString const&)
vfunc[111]:	QButton::setPixmap(QPixmap const&)
vfunc[112]:	QButton::setAccel(QKeySequence const&)
vfunc[113]:	QButton::setDown(bool)
vfunc[114]:	QButton::setAutoRepeat(bool)
vfunc[115]:	QButton::setToggleType(QButton::ToggleType)
vfunc[116]:	QButton::setState(QButton::ToggleState)
vfunc[117]:	QCheckBox::hitButton(QPoint const&) const
vfunc[118]:	QCheckBox::drawButton(QPainter*)
vfunc[119]:	QCheckBox::drawButtonLabel(QPainter*)

vfunc[120]:	QButton::setGroup(QButtonGroup*)

The Run Time Type Information for the QCheckBox class is described by Table 18-418

Table 18-418 typeinfo for QCheckBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCheckBox
basetype:	typeinfo for QButton

18.2.22.33 Class data for QDockWindow

The virtual table for the QDockWindow class is described by Table 18-419

Table 18-419 Primary vtable for QDockWindow

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDockWindow
vfunc[0]:	NULL or QDockWindow::metaObject() const
vfunc[1]:	QDockWindow::className() const
vfunc[2]:	QDockWindow::qt_cast(char const*)
vfunc[3]:	QDockWindow::qt_invoke(int, QUObject*)
vfunc[4]:	QDockWindow::qt_emit(int, QUObject*)
vfunc[5]:	QDockWindow::qt_property(int, int, QVariant*)
vfunc[6]:	QDockWindow::~QDockWindow()
vfunc[7]:	QDockWindow::~QDockWindow()
vfunc[8]:	QDockWindow::event(QEvent*)
vfunc[9]:	QDockWindow::eventFilter(QObject *, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)

© 2008 Linux Foundation

vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QDockWindow::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()

vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDockWindow::sizeHint() const
vfunc[59]:	QDockWindow::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)

 © 2008 Linux Foundation

vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDockWindow::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QDockWindow::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QDockWindow::showEvent(QShowEvent*)
vfunc[94]:	QDockWindow::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or

	QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QDockWindow::drawFrame(QPainter*)
vfunc[116]:	QDockWindow::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QDockWindow::setWidget(QWidget*)
vfunc[119]:	QDockWindow::setCloseMode(int)
vfunc[120]:	QDockWindow::setResizeEnabled(bool)
vfunc[121]:	QDockWindow::setMovingEnabled(bool)
vfunc[122]:	QDockWindow::setHorizontallyStretchable(bool)
vfunc[123]:	QDockWindow::setVerticallyStretchable(bool)
vfunc[124]:	QDockWindow::setOffset(int)
vfunc[125]:	QDockWindow::setFixedExtentWidth(int)
vfunc[126]:	QDockWindow::setFixedExtentHeight(int)
vfunc[127]:	QDockWindow::setNewLine(bool)
vfunc[128]:	QDockWindow::setOpaqueMoving(bool)
vfunc[129]:	QDockWindow::undock(QWidget*)
vfunc[130]:	NULL or QDockWindow::undock()
vfunc[131]:	QDockWindow::dock()
vfunc[132]:	QDockWindow::setOrientation(Qt::Orientation)

The Run Time Type Information for the QDockWindow class is described by

 © 2008 Linux Foundation

Table 18-420

Table 18-420 typeinfo for QDockWindow

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDockWindow
basetype:	typeinfo for QFrame

18.2.22.34 Class data for QSpinWidget

The virtual table for the QSpinWidget class is described by Table 18-421

Table 18-421 Primary vtable for QSpinWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSpinWidget
vfunc[0]:	NULL or QSpinWidget::metaObject() const
vfunc[1]:	QSpinWidget::className() const
vfunc[2]:	QSpinWidget::qt_cast(char const*)
vfunc[3]:	QSpinWidget::qt_invoke(int, QUObject*)
vfunc[4]:	QSpinWidget::qt_emit(int, QUObject*)
vfunc[5]:	QSpinWidget::qt_property(int, int, QVariant*)
vfunc[6]:	QSpinWidget::~QSpinWidget()
vfunc[7]:	QSpinWidget::~QSpinWidget()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char

	const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()

 © 2008 Linux Foundation

vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidget::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QSpinWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QSpinWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QSpinWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QSpinWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)

vfunc[80]:	QSpinWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QSpinWidget::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QSpinWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QSpinWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)

 © 2008 Linux Foundation

vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QSpinWidget::setButtonSymbols(QSpinWidget::ButtonSymbols)

The Run Time Type Information for the QSpinWidget class is described by Table 18-422

Table 18-422 typeinfo for QSpinWidget

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSpinWidget
basetype:	typeinfo for QWidget

18.2.22.35 Class data for QToolBox

The virtual table for the QToolBox class is described by Table 18-423

Table 18-423 Primary vtable for QToolBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QToolBox
vfunc[0]:	NULL or QToolBox::metaObject() const
vfunc[1]:	QToolBox::className() const
vfunc[2]:	QToolBox::qt_cast(char const*)
vfunc[3]:	QToolBox::qt_invoke(int, QUObject*)
vfunc[4]:	QToolBox::qt_emit(int, QUObject*)
vfunc[5]:	QToolBox::qt_property(int, int, QVariant*)
vfunc[6]:	QToolBox::~QToolBox()
vfunc[7]:	QToolBox::~QToolBox()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)

vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)

 © 2008 Linux Foundation

vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QFrame::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)

vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QFrame::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QToolBox::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QToolBox::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)

 © 2008 Linux Foundation

vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QToolBox::frameChanged()
vfunc[118]:	QToolBox::itemInserted(int)
vfunc[119]:	QToolBox::itemRemoved(int)

The Run Time Type Information for the QToolBox class is described by Table 18-424

Table 18-424 typeinfo for QToolBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolBox
basetype:	typeinfo for QFrame

18.2.22.36 Class data for QProgressBar

The virtual table for the QProgressBar class is described by Table 18-425

Table 18-425 Primary vtable for QProgressBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QProgressBar
vfunc[0]:	NULL or QProgressBar::metaObject() const
vfunc[1]:	QProgressBar::className() const
vfunc[2]:	QProgressBar::qt_cast(char const*)
vfunc[3]:	QProgressBar::qt_invoke(int, QUObject*)
vfunc[4]:	QProgressBar::qt_emit(int, QUObject*)
vfunc[5]:	QProgressBar::qt_property(int, int, QVariant*)

vfunc[6]:	NULL or QProgressBar::~QProgressBar()
vfunc[7]:	NULL or QProgressBar::~QProgressBar()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)

 © 2008 Linux Foundation

vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QCol or const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QP ixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget:: FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QProgressBar::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QProgressBar::sizeHint() const
vfunc[59]:	QProgressBar::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)

© 2008 Linux Foundation

vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QFrame::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)

 © 2008 Linux Foundation

vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QProgressBar::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QProgressBar::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QProgressBar::setTotalSteps(int)
vfunc[119]:	QProgressBar::setProgress(int)
vfunc[120]:	QProgressBar::setIndicator(QString& , int, int)

The Run Time Type Information for the QProgressBar class is described by Table 18-426

Table 18-426 typeinfo for QProgressBar

Base Vtable	vtable for

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QProgressBar
basetype:	typeinfo for QFrame

18.2.22.37 Class data for QIconViewItem

The virtual table for the QIconViewItem class is described by Table 18-427

Table 18-427 Primary vtable for QIconViewItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIconViewItem
vfunc[0]:	QIconViewItem::~QIconViewItem()
vfunc[1]:	QIconViewItem::~QIconViewItem()
vfunc[2]:	QIconViewItem::setRenameEnabled(bool)
vfunc[3]:	QIconViewItem::setDragEnabled(bool)
vfunc[4]:	QIconViewItem::setDropEnabled(bool)
vfunc[5]:	QIconViewItem::text() const
vfunc[6]:	QIconViewItem::pixmap() const
vfunc[7]:	QIconViewItem::picture() const
vfunc[8]:	QIconViewItem::key() const
vfunc[9]:	QIconViewItem::setSelected(bool, bool)
vfunc[10]:	QIconViewItem::setSelected(bool)
vfunc[11]:	QIconViewItem::setSelectable(bool)
vfunc[12]:	QIconViewItem::repaint()
vfunc[13]:	QIconViewItem::move(int, int)
vfunc[14]:	QIconViewItem::moveBy(int, int)
vfunc[15]:	QIconViewItem::move(QPoint const&)
vfunc[16]:	QIconViewItem::moveBy(QPoint const&)
vfunc[17]:	QIconViewItem::acceptDrop(QMimeSource const*) const
vfunc[18]:	QIconViewItem::compare(QIconViewItem*) const
vfunc[19]:	QIconViewItem::setText(QString const&)
vfunc[20]:	QIconViewItem::setPixmap(QPixmap const&)
vfunc[21]:	QIconViewItem::setPicture(QPicture const&)

© 2008 Linux Foundation

vfunc[22]:	QIconViewItem::setText(QString const&, bool, bool)
vfunc[23]:	QIconViewItem::setPixmap(QPixmap const&, bool, bool)
vfunc[24]:	QIconViewItem::setKey(QString const&)
vfunc[25]:	QIconViewItem::rtti() const
vfunc[26]:	QIconViewItem::removeRenameBox()
vfunc[27]:	QIconViewItem::calcRect(QString const&)
vfunc[28]:	QIconViewItem::paintItem(QPainter*, QColorGroup const&)
vfunc[29]:	QIconViewItem::paintFocus(QPainter*, QColorGroup const&)
vfunc[30]:	QIconViewItem::dropped(QDropEvent*, QValueList<QIconDragItem> const&)
vfunc[31]:	QIconViewItem::dragEntered()
vfunc[32]:	QIconViewItem::dragLeft()

The Run Time Type Information for the QIconViewItem class is described by Table 18-428

Table 18-428 typeinfo for QIconViewItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIconViewItem
basetype:	typeinfo for Qt

18.2.22.38 Class data for QCheckListItem

The virtual table for the QCheckListItem class is described by Table 18-429

Table 18-429 Primary vtable for QCheckListItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCheckListItem
vfunc[0]:	QCheckListItem::~QCheckListItem()
vfunc[1]:	QCheckListItem::~QCheckListItem()
vfunc[2]:	QListViewItem::insertItem(QListViewItem*)
vfunc[3]:	QListViewItem::takeItem(QListViewItem*)
vfunc[4]:	NULL or QListViewItem::removeItem(QListViewItem*)

vfunc[5]:	QListViewItem::invalidateHeight()
vfunc[6]:	QCheckListItem::width(QFontMetrics const&, QListView const*, int) const
vfunc[7]:	QListViewItem::setText(int, QString const&)
vfunc[8]:	NULL or QCheckListItem::text(int) const
vfunc[9]:	QListViewItem::setPixmap(int, QPixmap const&)
vfunc[10]:	QListViewItem::pixmap(int) const
vfunc[11]:	QListViewItem::key(int, bool) const
vfunc[12]:	QListViewItem::compare(QListViewItem*, int, bool) const
vfunc[13]:	QListViewItem::sortChildItems(int, bool)
vfunc[14]:	QListViewItem::setOpen(bool)
vfunc[15]:	QCheckListItem::setup()
vfunc[16]:	QListViewItem::setSelected(bool)
vfunc[17]:	QCheckListItem::paintCell(QPainter*, QColorGroup const&, int, int, int)
vfunc[18]:	QListViewItem::paintBranches(QPainter*, QColorGroup const&, int, int, int)
vfunc[19]:	QCheckListItem::paintFocus(QPainter*, QColorGroup const&, QRect const&)
vfunc[20]:	QListViewItem::setSelectable(bool)
vfunc[21]:	QListViewItem::setExpandable(bool)
vfunc[22]:	QListViewItem::sort()
vfunc[23]:	QListViewItem::setDragEnabled(bool)
vfunc[24]:	QListViewItem::setDropEnabled(bool)
vfunc[25]:	QListViewItem::acceptDrop(QMimeSource const*) const
vfunc[26]:	QListViewItem::setRenameEnabled(int, bool)
vfunc[27]:	QListViewItem::startRename(int)
vfunc[28]:	QListViewItem::setEnabled(bool)
vfunc[29]:	QCheckListItem::rtti() const
vfunc[30]:	QListViewItem::setMultiLinesEnabled(bool)
vfunc[31]:	QListViewItem::enforceSortOrder()

 © 2008 Linux Foundation

	const
vfunc[32]:	QListViewItem::setHeight(int)
vfunc[33]:	QCheckListItem::activate()
vfunc[34]:	QListViewItem::dropped(QDropEvent*)
vfunc[35]:	QListViewItem::dragEntered()
vfunc[36]:	QListViewItem::dragLeft()
vfunc[37]:	QListViewItem::okRename(int)
vfunc[38]:	QListViewItem::cancelRename(int)
vfunc[39]:	QCheckListItem::setOn(bool)
vfunc[40]:	QCheckListItem::stateChange(bool)

The Run Time Type Information for the QCheckListItem class is described by Table 18-430

Table 18-430 typeinfo for QCheckListItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCheckListItem
basetype:	typeinfo for QListViewItem

18.2.22.39 Class data for QDockArea

The virtual table for the QDockArea class is described by Table 18-431

Table 18-431 Primary vtable for QDockArea

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDockArea
vfunc[0]:	NULL or QDockArea::metaObject() const
vfunc[1]:	QDockArea::className() const
vfunc[2]:	QDockArea::qt_cast(char const*)
vfunc[3]:	QDockArea::qt_invoke(int, QUObject*)
vfunc[4]:	QDockArea::qt_emit(int, QUObject*)
vfunc[5]:	QDockArea::qt_property(int, int, QVariant*)
vfunc[6]:	QDockArea::~QDockArea()
vfunc[7]:	QDockArea::~QDockArea()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QDockArea::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)

vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)

 © 2008 Linux Foundation

vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidget::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)

© 2008 Linux Foundation

vfunc[73]:	QWidget::wheelEvent(QWheelEvent *)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent *)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QWidget::resizeEvent(QResizeEvent *)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange

 © 2008 Linux Foundation

	(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)

The Run Time Type Information for the QDockArea class is described by Table 18-432

Table 18-432 typeinfo for QDockArea

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDockArea
basetype:	typeinfo for QWidget

18.2.22.40 Class data for QListViewItem

The virtual table for the QListViewItem class is described by Table 18-433

Table 18-433 Primary vtable for QListViewItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QListViewItem
vfunc[0]:	QListViewItem::~QListViewItem()
vfunc[1]:	QListViewItem::~QListViewItem()
vfunc[2]:	QListViewItem::insertItem(QListViewItem*)
vfunc[3]:	QListViewItem::takeItem(QListViewItem*)
vfunc[4]:	NULL or QListViewItem::removeItem(QListViewItem*)
vfunc[5]:	QListViewItem::invalidateHeight()
vfunc[6]:	QListViewItem::width(QFontMetrics const&, QListView const*, int) const
vfunc[7]:	QListViewItem::setText(int, QString const&)
vfunc[8]:	QListViewItem::text(int) const

vfunc[9]:	QListViewItem::setPixmap(int, QPixmap const&)
vfunc[10]:	QListViewItem::pixmap(int) const
vfunc[11]:	QListViewItem::key(int, bool) const
vfunc[12]:	QListViewItem::compare(QListViewItem*, int, bool) const
vfunc[13]:	QListViewItem::sortChildItems(int, bool)
vfunc[14]:	QListViewItem::setOpen(bool)
vfunc[15]:	QListViewItem::setup()
vfunc[16]:	QListViewItem::setSelected(bool)
vfunc[17]:	QListViewItem::paintCell(QPainter*, QColorGroup const&, int, int, int)
vfunc[18]:	QListViewItem::paintBranches(QPainter*, QColorGroup const&, int, int, int)
vfunc[19]:	QListViewItem::paintFocus(QPainter*, QColorGroup const&, QRect const&)
vfunc[20]:	QListViewItem::setSelectable(bool)
vfunc[21]:	QListViewItem::setExpandable(bool)
vfunc[22]:	QListViewItem::sort()
vfunc[23]:	QListViewItem::setDragEnabled(bool)
vfunc[24]:	QListViewItem::setDropEnabled(bool)
vfunc[25]:	QListViewItem::acceptDrop(QMimeSource const*) const
vfunc[26]:	QListViewItem::setRenameEnabled(int, bool)
vfunc[27]:	QListViewItem::startRename(int)
vfunc[28]:	QListViewItem::setEnabled(bool)
vfunc[29]:	QListViewItem::rtti() const
vfunc[30]:	QListViewItem::setMultiLinesEnabled(bool)
vfunc[31]:	QListViewItem::enforceSortOrder() const
vfunc[32]:	QListViewItem::setHeight(int)
vfunc[33]:	QListViewItem::activate()
vfunc[34]:	QListViewItem::dropped(QDropEvent*)
vfunc[35]:	QListViewItem::dragEntered()
vfunc[36]:	QListViewItem::dragLeft()
vfunc[37]:	QListViewItem::okRename(int)

 © 2008 Linux Foundation

vfunc[38]:	QListViewItem::cancelRename(int)

The Run Time Type Information for the QListViewItem class is described by Table 18-434

Table 18-434 typeinfo for QListViewItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QListViewItem
basetype:	typeinfo for Qt

18.2.22.41 Class data for QIconView

The virtual table for the QIconView class is described by Table 18-435

Table 18-435 Primary vtable for QIconView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIconView
vfunc[0]:	NULL or QIconView::metaObject() const
vfunc[1]:	QIconView::className() const
vfunc[2]:	QIconView::qt_cast(char const*)
vfunc[3]:	QIconView::qt_invoke(int, QUObject*)
vfunc[4]:	QIconView::qt_emit(int, QUObject*)
vfunc[5]:	QIconView::qt_property(int, int, QVariant*)
vfunc[6]:	QIconView::~QIconView()
vfunc[7]:	QIconView::~QIconView()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QIconView::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)

vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QScrollView::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QIconView::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QIconView::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()

© 2008 Linux Foundation

vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QIconView::sizeHint() const
vfunc[59]:	QIconView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QIconView::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QIconView::focusInEvent(QFocusEvent*)

vfunc[77]:	QIconView::focusOutEvent(QFocusEvent*)
vfunc[78]:	QIconView::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QIconView::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QIconView::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QIconView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QIconView::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)

 © 2008 Linux Foundation

vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QScrollView::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QIconView::drawContents(QPainter*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrollView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QScrollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QScrollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QIconView::setContentsPos(int, int)
vfunc[127]:	QIconView::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QIconView::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QIconView::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QIconView::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QIconView::contentsMouseMoveEve

	nt(QMouseEvent*)
vfunc[133]:	QIconView::contentsDragEnterEvent (QDragEnterEvent*)
vfunc[134]:	QIconView::contentsDragMoveEven t(QDragMoveEvent*)
vfunc[135]:	QIconView::contentsDragLeaveEven t(QDragLeaveEvent*)
vfunc[136]:	QIconView::contentsDropEvent(QDr opEvent*)
vfunc[137]:	QScrollView::contentsWheelEvent(Q WheelEvent*)
vfunc[138]:	QIconView::contentsContextMenuE vent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(Q PaintEvent*)
vfunc[140]:	QScrollView::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressE vent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseRelease Event(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDouble ClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveE vent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEve nt(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEv ent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEv ent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(Q DropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenu Event(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QSc rollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScr ollBar&, int, int, int, int)
vfunc[154]:	QIconView::insertItem(QIconViewIt em*, QIconViewItem*)

 © 2008 Linux Foundation

vfunc[155]:	QIconView::takeItem(QIconViewItem*)
vfunc[156]:	QIconView::setCurrentItem(QIconViewItem*)
vfunc[157]:	QIconView::setSelected(QIconViewItem*, bool, bool)
vfunc[158]:	QIconView::setSelectionMode(QIconView::SelectionMode)
vfunc[159]:	QIconView::selectAll(bool)
vfunc[160]:	QIconView::clearSelection()
vfunc[161]:	QIconView::invertSelection()
vfunc[162]:	QIconView::repaintItem(QIconViewItem*)
vfunc[163]:	QIconView::clear()
vfunc[164]:	QIconView::setGridX(int)
vfunc[165]:	QIconView::setGridY(int)
vfunc[166]:	QIconView::setSpacing(int)
vfunc[167]:	QIconView::setItemTextPos(QIconView::ItemTextPos)
vfunc[168]:	QIconView::setItemTextBackground(QBrush const&)
vfunc[169]:	QIconView::setArrangement(QIconView::Arrangement)
vfunc[170]:	QIconView::setResizeMode(QIconView::ResizeMode)
vfunc[171]:	QIconView::setMaxItemWidth(int)
vfunc[172]:	QIconView::setMaxItemTextLength(int)
vfunc[173]:	QIconView::setAutoArrange(bool)
vfunc[174]:	QIconView::setShowToolTips(bool)
vfunc[175]:	QIconView::setItemsMovable(bool)
vfunc[176]:	QIconView::setWordWrapIconText(bool)
vfunc[177]:	QIconView::sort(bool)
vfunc[178]:	QIconView::arrangeItemsInGrid(QSize const&, bool)
vfunc[179]:	QIconView::arrangeItemsInGrid(bool)
vfunc[180]:	QIconView::updateContents()
vfunc[181]:	QIconView::doAutoScroll()
vfunc[182]:	QIconView::adjustItems()
vfunc[183]:	QIconView::slotUpdate()
vfunc[184]:	QIconView::drawRubber(QPainter*)

vfunc[185]:	QIconView::dragObject()
vfunc[186]:	QIconView::startDrag()
vfunc[187]:	QIconView::insertInGrid(QIconViewItem*)
vfunc[188]:	QIconView::drawBackground(QPainter*, QRect const&)
vfunc[189]:	QIconView::drawDragShapes(QPoint const&)
vfunc[190]:	QIconView::initDragEnter(QDropEvent*)

The Run Time Type Information for the QIconView class is described by Table 18-436

Table 18-436 typeinfo for QIconView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIconView
basetype:	typeinfo for QScrollView

18.2.22.42 Class data for QWidget

The virtual table for the QWidget class is described by Table 18-437

Table 18-437 Primary vtable for QWidget

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWidget
vfunc[0]:	NULL or QWidget::metaObject() const
vfunc[1]:	QWidget::className() const
vfunc[2]:	QWidget::qt_cast(char const*)
vfunc[3]:	QWidget::qt_invoke(int, QUObject*)
vfunc[4]:	QWidget::qt_emit(int, QUObject*)
vfunc[5]:	QWidget::qt_property(int, int, QVariant*)
vfunc[6]:	QWidget::~QWidget()
vfunc[7]:	QWidget::~QWidget()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)

 © 2008 Linux Foundation

vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()

vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidget::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent

 © 2008 Linux Foundation

	*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const

vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)

The Run Time Type Information for the QWidget class is described by Table 18-438

Table 18-438 typeinfo for QWidget

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QWidget	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QPaintDevice	10242

18.2.22.43 Class data for QToolTipGroup

The virtual table for the QToolTipGroup class is described by Table 18-439

Table 18-439 Primary vtable for QToolTipGroup

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QToolTipGroup
vfunc[0]:	NULL or QToolTipGroup::metaObject() const
vfunc[1]:	QToolTipGroup::className() const
vfunc[2]:	QToolTipGroup::qt_cast(char const*)
vfunc[3]:	QToolTipGroup::qt_invoke(int, QUObject*)
vfunc[4]:	QToolTipGroup::qt_emit(int, QUObject*)
vfunc[5]:	QToolTipGroup::qt_property(int, int, QVariant*)
vfunc[6]:	QToolTipGroup::~QToolTipGroup()
vfunc[7]:	QToolTipGroup::~QToolTipGroup()

© 2008 Linux Foundation

vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QToolTipGroup class is described by Table 18-440

Table 18-440 typeinfo for QToolTipGroup

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolTipGroup
basetype:	typeinfo for QObject

18.2.22.44 Class data for QPushButton

The virtual table for the QPushButton class is described by Table 18-441

Table 18-441 Primary vtable for QPushButton

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPushButton
vfunc[0]:	NULL or QPushButton::metaObject() const
vfunc[1]:	QPushButton::className() const
vfunc[2]:	QPushButton::qt_cast(char const*)
vfunc[3]:	QPushButton::qt_invoke(int, QUObject*)
vfunc[4]:	QPushButton::qt_emit(int, QUObject*)
vfunc[5]:	QPushButton::qt_property(int, int, QVariant*)

vfunc[6]:	QPushButton::~QPushButton()
vfunc[7]:	QPushButton::~QPushButton()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QCol

 © 2008 Linux Foundation

	or const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QPushButton::move(int, int)
vfunc[54]:	QPushButton::resize(int, int)
vfunc[55]:	QPushButton::setGeometry(int, int, int, int)
vfunc[56]:	QPushButton::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QPushButton::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QButton::mousePressEvent(QMouse

	Event*)
vfunc[70]:	QButton::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QButton::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QButton::keyPressEvent(QKeyEvent*)
vfunc[75]:	QButton::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QPushButton::focusInEvent(QFocusEvent*)
vfunc[77]:	QPushButton::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QButton::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QPushButton::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QPushButton::updateMask()

 © 2008 Linux Foundation

vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QButton::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QButton::setText(QString const&)
vfunc[111]:	QButton::setPixmap(QPixmap const&)
vfunc[112]:	QButton::setAccel(QKeySequence const&)
vfunc[113]:	QButton::setDown(bool)
vfunc[114]:	QButton::setAutoRepeat(bool)
vfunc[115]:	QButton::setToggleType(QButton::ToggleType)
vfunc[116]:	QButton::setState(QButton::ToggleState)
vfunc[117]:	QButton::hitButton(QPoint const&) const
vfunc[118]:	QPushButton::drawButton(QPainter*)
vfunc[119]:	QPushButton::drawButtonLabel(QPainter*)
vfunc[120]:	QButton::setGroup(QButtonGroup*)
vfunc[121]:	QPushButton::setAutoDefault(bool)
vfunc[122]:	QPushButton::setDefault(bool)
vfunc[123]:	NULL or QPushButton::setIsMenuButton(bool)
vfunc[124]:	QPushButton::setOn(bool)

The Run Time Type Information for the QPushButton class is described by Table 18-442

Table 18-442 typeinfo for QPushButton

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPushButton
basetype:	typeinfo for QButton

18.2.22.45 Class data for QWidgetList

The virtual table for the QWidgetList class is described by Table 18-443

Table 18-443 Primary vtable for QWidgetList

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWidgetList
vfunc[0]:	NULL or QPtrList<QWidget>::count() const
vfunc[1]:	NULL or QPtrList<QWidget>::clear()
vfunc[2]:	NULL or QWidgetList::~QWidgetList()
vfunc[3]:	NULL or QWidgetList::~QWidgetList()
vfunc[4]:	QPtrCollection::newItem(void*)
vfunc[5]:	NULL or QPtrList<QWidget>::deleteItem(void*)
vfunc[6]:	QGList::compareItems(void*, void*)
vfunc[7]:	QGList::read(QDataStream&, void*&)
vfunc[8]:	QGList::write(QDataStream&, void*) const

The Run Time Type Information for the QWidgetList class is described by Table 18-444

Table 18-444 typeinfo for QWidgetList

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWidgetList
basetype:	typeinfo for QPtrList<QWidget>

18.2.22.46 Class data for QDataView

The virtual table for the QDataView class is described by Table 18-445

 © 2008 Linux Foundation

Table 18-445 Primary vtable for QDataView

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDataView
vfunc[0]:	NULL or QDataView::metaObject() const
vfunc[1]:	QDataView::className() const
vfunc[2]:	QDataView::qt_cast(char const*)
vfunc[3]:	QDataView::qt_invoke(int, QUObject*)
vfunc[4]:	QDataView::qt_emit(int, QUObject*)
vfunc[5]:	QDataView::qt_property(int, int, QVariant*)
vfunc[6]:	QDataView::~QDataView()
vfunc[7]:	QDataView::~QDataView()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)

vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidget::sizeHint() const

© 2008 Linux Foundation

vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QWidget::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)

vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDataView::setForm(QSqlForm*)
vfunc[111]:	QDataView::setRecord(QSqlRecord*)
vfunc[112]:	QDataView::refresh(QSqlRecord*)
vfunc[113]:	QDataView::readFields()
vfunc[114]:	QDataView::writeFields()
vfunc[115]:	QDataView::clearValues()

The Run Time Type Information for the QDataView class is described by Table 18-446

 © 2008 Linux Foundation

Table 18-446 typeinfo for QDataView

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDataView
basetype:	typeinfo for QWidget

18.2.22.47 Class data for QDataBrowser

The virtual table for the QDataBrowser class is described by Table 18-447

Table 18-447 Primary vtable for QDataBrowser

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDataBrowser
vfunc[0]:	NULL or QDataBrowser::metaObject() const
vfunc[1]:	QDataBrowser::className() const
vfunc[2]:	QDataBrowser::qt_cast(char const*)
vfunc[3]:	QDataBrowser::qt_invoke(int, QUObject*)
vfunc[4]:	QDataBrowser::qt_emit(int, QUObject*)
vfunc[5]:	QDataBrowser::qt_property(int, int, QVariant*)
vfunc[6]:	QDataBrowser::~QDataBrowser()
vfunc[7]:	QDataBrowser::~QDataBrowser()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)

vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()

 © 2008 Linux Foundation

vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidget::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)

© 2008 Linux Foundation

vfunc[82]:	QWidget::resizeEvent(QResizeEvent *)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDataBrowser::setSqlCursor(QSqlCursor*, bool)

 © 2008 Linux Foundation

vfunc[111]:	QDataBrowser::setForm(QSqlForm*)
vfunc[112]:	QDataBrowser::setConfirmEdits(bool)
vfunc[113]:	QDataBrowser::setConfirmInsert(bool)
vfunc[114]:	QDataBrowser::setConfirmUpdate(bool)
vfunc[115]:	QDataBrowser::setConfirmDelete(bool)
vfunc[116]:	QDataBrowser::setConfirmCancels(bool)
vfunc[117]:	QDataBrowser::setReadOnly(bool)
vfunc[118]:	QDataBrowser::setAutoEdit(bool)
vfunc[119]:	QDataBrowser::seek(int, bool)
vfunc[120]:	QDataBrowser::refresh()
vfunc[121]:	QDataBrowser::insert()
vfunc[122]:	QDataBrowser::update()
vfunc[123]:	QDataBrowser::del()
vfunc[124]:	QDataBrowser::first()
vfunc[125]:	QDataBrowser::last()
vfunc[126]:	QDataBrowser::next()
vfunc[127]:	QDataBrowser::prev()
vfunc[128]:	QDataBrowser::readFields()
vfunc[129]:	QDataBrowser::writeFields()
vfunc[130]:	QDataBrowser::clearValues()
vfunc[131]:	QDataBrowser::insertCurrent()
vfunc[132]:	QDataBrowser::updateCurrent()
vfunc[133]:	QDataBrowser::deleteCurrent()
vfunc[134]:	QDataBrowser::currentEdited()
vfunc[135]:	QDataBrowser::confirmEdit(QSql::Op)
vfunc[136]:	QDataBrowser::confirmCancel(QSql::Op)
vfunc[137]:	QDataBrowser::handleError(QSqlError const&)

The Run Time Type Information for the QDataBrowser class is described by Table 18-448

Table 18-448 typeinfo for QDataBrowser

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDataBrowser
basetype:	typeinfo for QWidget

18.2.22.48 Class data for QTextEdit

The virtual table for the QTextEdit class is described by Table 18-449

Table 18-449 Primary vtable for QTextEdit

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextEdit
vfunc[0]:	NULL or QTextEdit::metaObject() const
vfunc[1]:	QTextEdit::className() const
vfunc[2]:	QTextEdit::qt_cast(char const*)
vfunc[3]:	QTextEdit::qt_invoke(int, QUObject*)
vfunc[4]:	QTextEdit::qt_emit(int, QUObject*)
vfunc[5]:	QTextEdit::qt_property(int, int, QVariant*)
vfunc[6]:	QTextEdit::~QTextEdit()
vfunc[7]:	QTextEdit::~QTextEdit()
vfunc[8]:	QTextEdit::event(QEvent*)
vfunc[9]:	QTextEdit::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QTextEdit::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)

© 2008 Linux Foundation

vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QTextEdit::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QTextEdit::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QTextEdit::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or

	QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QTextEdit::sizeHint() const
vfunc[59]:	QScrollView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QTextEdit::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QTextEdit::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QTextEdit::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)

 © 2008 Linux Foundation

vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QTextEdit::imStartEvent(QIMEvent*)
vfunc[86]:	QTextEdit::imComposeEvent(QIMEvent*)
vfunc[87]:	QTextEdit::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QScrollView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QTextEdit::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QTextEdit::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)

© 2008 Linux Foundation

vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QTextEdit::drawContents(QPainter*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrollView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QScrollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QScrollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QScrollView::setContentsPos(int, int)
vfunc[127]:	QTextEdit::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QTextEdit::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QTextEdit::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QTextEdit::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QTextEdit::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QTextEdit::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QTextEdit::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QTextEdit::contentsDragLeaveEvent(QDragLeaveEvent*)
vfunc[136]:	QTextEdit::contentsDropEvent(QDropEvent*)
vfunc[137]:	QTextEdit::contentsWheelEvent(QWheelEvent*)
vfunc[138]:	QTextEdit::contentsContextMenuEv

 © 2008 Linux Foundation

	ent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QTextEdit::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDoubleClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEvent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(QDropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)
vfunc[154]:	QTextEdit::find(QString const&, bool, bool, bool, int*, int*)
vfunc[155]:	QTextEdit::getFormat(int, int, QFont*, QColor*, QTextEdit::VerticalAlignment*)
vfunc[156]:	QTextEdit::getParagraphFormat(int, QFont*, QColor*, QTextEdit::VerticalAlignment*, int*, QStyleSheetItem::DisplayMode*, QStyleSheetItem::ListStyle*, int*)
vfunc[157]:	QTextEdit::setMimeSourceFactory(QMimeSourceFactory*)
vfunc[158]:	QTextEdit::setStyleSheet(QStyleSheet*)
vfunc[159]:	QTextEdit::scrollToAnchor(QString

	const&)
vfunc[160]:	QTextEdit::setPaper(QBrush const&)
vfunc[161]:	QTextEdit::setLinkUnderline(bool)
vfunc[162]:	QTextEdit::setWordWrap(QTextEdit::WordWrap)
vfunc[163]:	QTextEdit::setWrapColumnOrWidth(int)
vfunc[164]:	QTextEdit::setWrapPolicy(QTextEdit::WrapPolicy)
vfunc[165]:	QTextEdit::copy()
vfunc[166]:	QTextEdit::append(QString const&)
vfunc[167]:	QTextEdit::setText(QString const&, QString const&)
vfunc[168]:	QTextEdit::setTextFormat(Qt::TextFormat)
vfunc[169]:	QTextEdit::selectAll(bool)
vfunc[170]:	QTextEdit::setTabStopWidth(int)
vfunc[171]:	QTextEdit::zoomIn(int)
vfunc[172]:	NULL or QTextEdit::zoomIn()
vfunc[173]:	QTextEdit::zoomOut(int)
vfunc[174]:	NULL or QTextEdit::zoomOut()
vfunc[175]:	QTextEdit::zoomTo(int)
vfunc[176]:	QTextEdit::sync()
vfunc[177]:	QTextEdit::setReadOnly(bool)
vfunc[178]:	QTextEdit::undo()
vfunc[179]:	QTextEdit::redo()
vfunc[180]:	QTextEdit::cut()
vfunc[181]:	QTextEdit::paste()
vfunc[182]:	QTextEdit::pasteSubType(QCString const&)
vfunc[183]:	QTextEdit::clear()
vfunc[184]:	QTextEdit::del()
vfunc[185]:	QTextEdit::indent()
vfunc[186]:	QTextEdit::setItalic(bool)
vfunc[187]:	QTextEdit::setBold(bool)
vfunc[188]:	QTextEdit::setUnderline(bool)
vfunc[189]:	QTextEdit::setFamily(QString const&)
vfunc[190]:	QTextEdit::setPointSize(int)
vfunc[191]:	QTextEdit::setColor(QColor const&)
vfunc[192]:	QTextEdit::setVerticalAlignment(QTextEdit::VerticalAlignment)

 © 2008 Linux Foundation

vfunc[193]:	QTextEdit::setAlignment(int)
vfunc[194]:	QTextEdit::setParagType(QStyleSheetItem::DisplayMode, QStyleSheetItem::ListStyle)
vfunc[195]:	QTextEdit::setCursorPosition(int, int)
vfunc[196]:	QTextEdit::setSelection(int, int, int, int, int)
vfunc[197]:	QTextEdit::setSelectionAttributes(int, QColor const&, bool)
vfunc[198]:	QTextEdit::setModified(bool)
vfunc[199]:	QTextEdit::resetFormat()
vfunc[200]:	QTextEdit::setUndoDepth(int)
vfunc[201]:	QTextEdit::setFormat(QTextFormat*, int)
vfunc[202]:	QTextEdit::ensureCursorVisible()
vfunc[203]:	QTextEdit::placeCursor(QPoint const&, QTextCursor*)
vfunc[204]:	QTextEdit::moveCursor(QTextEdit::CursorAction, bool)
vfunc[205]:	QTextEdit::doKeyboardAction(QTextEdit::KeyboardAction)
vfunc[206]:	QTextEdit::removeSelectedText(int)
vfunc[207]:	QTextEdit::removeSelection(int)
vfunc[208]:	NULL or QTextEdit::setCurrentFont(QFont const&)
vfunc[209]:	NULL or QTextEdit::setOverwriteMode(bool)
vfunc[210]:	QTextEdit::scrollToBottom()
vfunc[211]:	QTextEdit::insert(QString const&, bool, bool, bool)
vfunc[212]:	QTextEdit::insertAt(QString const&, int, int)
vfunc[213]:	QTextEdit::removeParagraph(int)
vfunc[214]:	QTextEdit::insertParagraph(QString const&, int)
vfunc[215]:	QTextEdit::setParagraphBackgroundColor(int, QColor const&)
vfunc[216]:	QTextEdit::clearParagraphBackground(int)
vfunc[217]:	QTextEdit::setUndoRedoEnabled(bool)
vfunc[218]:	QTextEdit::createPopupMenu(QPoint const&)

vfunc[219]:	QTextEdit::createPopupMenu()
vfunc[220]:	QTextEdit::doChangeInterval()
vfunc[221]:	NULL or QTextEdit::linksEnabled() const
vfunc[222]:	NULL or QTextEdit::emitHighlighted(QString const&)
vfunc[223]:	NULL or QTextEdit::emitLinkClicked(QString const&)

The Run Time Type Information for the QTextEdit class is described by Table 18-450

Table 18-450 typeinfo for QTextEdit

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextEdit
basetype:	typeinfo for QScrollView

18.2.22.49 Interfaces for Qt3 Widgets

An LSB conforming implementation shall provide the generic functions for Qt3 Widgets specified in Table 18-451, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-451 libqt-mt - Qt3 Widgets Function Interfaces

_ZN10QLCDNumber10drawStringERK7QStringR8QPainterP9QBitArrayb [qt-mt]	_ZN10QLCDNumber10setBinModeEv [qt-mt]
_ZN10QLCDNumber10setDecModeEv [qt-mt]	_ZN10QLCDNumber10setHexModeEv [qt-mt]
_ZN10QLCDNumber10setOctModeEv [qt-mt]	_ZN10QLCDNumber11drawSegmentERK6QPointcR8QPainterib [qt-mt]
_ZN10QLCDNumber11qt_propertyEiiP8QVariant [qt-mt]	_ZN10QLCDNumber12drawContentsEP8QPainter [qt-mt]
_ZN10QLCDNumber12setNumDigitsEi [qt-mt]	_ZN10QLCDNumber15internalDisplayERK7QString [qt-mt]
_ZN10QLCDNumber15setSegmentStyleENS_12SegmentStyleE [qt-mt]	_ZN10QLCDNumber16staticMetaObjectEv [qt-mt]
_ZN10QLCDNumber17internalSetStringERK7QString [qt-mt]	_ZN10QLCDNumber18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN10QLCDNumber20setSmallDecimalPointEb [qt-mt]	_ZN10QLCDNumber2trEPKcS1_ [qt-mt]
_ZN10QLCDNumber4initEv [qt-mt]	_ZN10QLCDNumber6trUtf8EPKcS1_ [qt-mt]
_ZN10QLCDNumber7displayERK7	_ZN10QLCDNumber7displayEd [qt-

 © 2008 Linux Foundation

QString [qt-mt]	mt]
_ZN10QLCDNumber7displayEi [qt-mt]	_ZN10QLCDNumber7qt_castEPKc [qt-mt]
_ZN10QLCDNumber7qt_emitEiP8QUObject [qt-mt]	_ZN10QLCDNumber7setModeENS_4ModeE [qt-mt]
_ZN10QLCDNumber8overflowEv [qt-mt]	_ZN10QLCDNumber9drawDigitERK6QPointR8QPaintericc [qt-mt]
_ZN10QLCDNumber9qt_invokeEiP8QUObject [qt-mt]	_ZN10QLCDNumberC1EP7QWidgetPKc [qt-mt]
_ZN10QLCDNumberC1EjP7QWidgetPKc [qt-mt]	_ZN10QLCDNumberC2EP7QWidgetPKc [qt-mt]
_ZN10QLCDNumberC2EjP7QWidgetPKc [qt-mt]	_ZN10QLCDNumberD0Ev [qt-mt]
_ZN10QLCDNumberD1Ev [qt-mt]	_ZN10QLCDNumberD2Ev [qt-mt]
_ZN10QScrollBar10paintEventEP11QPaintEvent [qt-mt]	_ZN10QScrollBar10setPaletteERK8QPalette [qt-mt]
_ZN10QScrollBar10stepChangeEv [qt-mt]	_ZN10QScrollBar10wheelEventEP11QWheelEvent [qt-mt]
_ZN10QScrollBar11qt_propertyEiiP8QVariant [qt-mt]	_ZN10QScrollBar11rangeChangeEv [qt-mt]
_ZN10QScrollBar11resizeEventEP12QResizeEvent [qt-mt]	_ZN10QScrollBar11setLineStepEi [qt-mt]
_ZN10QScrollBar11setMaxValueEi [qt-mt]	_ZN10QScrollBar11setMinValueEi [qt-mt]
_ZN10QScrollBar11setPageStepEi [qt-mt]	_ZN10QScrollBar11sliderMovedEi [qt-mt]
_ZN10QScrollBar11styleChangeER6QStyle [qt-mt]	_ZN10QScrollBar11valueChangeEv [qt-mt]
_ZN10QScrollBar12doAutoRepeatEv [qt-mt]	_ZN10QScrollBar12valueChangedEi [qt-mt]
_ZN10QScrollBar13keyPressEventEP9QKeyEvent [qt-mt]	_ZN10QScrollBar13setSizePolicyE11QSizePolicy [qt-mt]
_ZN10QScrollBar13sliderPressedEv [qt-mt]	_ZN10QScrollBar14mouseMoveEventEP11QMouseEvent [qt-mt]
_ZN10QScrollBar14setOrientationEN2Qt11OrientationE [qt-mt]	_ZN10QScrollBar14sliderReleasedEv [qt-mt]
_ZN10QScrollBar14stopAutoRepeatEv [qt-mt]	_ZN10QScrollBar15mousePressEventEP11QMouseEvent [qt-mt]
_ZN10QScrollBar15startAutoRepeatEv [qt-mt]	_ZN10QScrollBar16contextMenuEventEP17QContextMenuEvent [qt-mt]
_ZN10QScrollBar16staticMetaObjectEv [qt-mt]	_ZN10QScrollBar17mouseReleaseEventEP11QMouseEvent [qt-mt]
_ZN10QScrollBar18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QScrollBar23positionSliderFromValueEv [qt-mt]
ZN10QScrollBar2trEPKcS1 [qt-mt]	_ZN10QScrollBar4initEv [qt-mt]

_ZN10QScrollBar6actionEi [qt-mt]	_ZN10QScrollBar6trUtf8EPKcS1_ [qt-mt]
_ZN10QScrollBar7qt_castEPKc [qt-mt]	_ZN10QScrollBar7qt_emitEiP8QUObject [qt-mt]
_ZN10QScrollBar8nextLineEv [qt-mt]	_ZN10QScrollBar8nextPageEv [qt-mt]
_ZN10QScrollBar8prevLineEv [qt-mt]	_ZN10QScrollBar8prevPageEv [qt-mt]
_ZN10QScrollBar8setValueEi [qt-mt]	_ZN10QScrollBar9hideEventEP10QHideEvent [qt-mt]
_ZN10QScrollBar9qt_invokeEiP8QUObject [qt-mt]	_ZN10QScrollBarC1EN2Qt11OrientationEP7QWidgetPKc [qt-mt]
_ZN10QScrollBarC1EP7QWidgetPKc [qt-mt]	_ZN10QScrollBarC1EiiiiiN2Qt11OrientationEP7QWidgetPKc [qt-mt]
_ZN10QScrollBarC2EN2Qt11OrientationEP7QWidgetPKc [qt-mt]	_ZN10QScrollBarC2EP7QWidgetPKc [qt-mt]
_ZN10QScrollBarC2EiiiiiN2Qt11OrientationEP7QWidgetPKc [qt-mt]	_ZN10QScrollBarD0Ev [qt-mt]
_ZN10QScrollBarD1Ev [qt-mt]	_ZN10QScrollBarD2Ev [qt-mt]
_ZN10QTabWidget10removePageEP7QWidget [qt-mt]	_ZN10QTabWidget10updateMaskEv [qt-mt]
_ZN10QTabWidget11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN10QTabWidget11qt_propertyEiiP8QVariant [qt-mt]
_ZN10QTabWidget11resizeEventEP12QResizeEvent [qt-mt]	_ZN10QTabWidget11setTabLabelEP7QWidgetRK7QString [qt-mt]
_ZN10QTabWidget11setTabShapeENS_8TabShapeE [qt-mt]	_ZN10QTabWidget11setUpLayoutEb [qt-mt]
_ZN10QTabWidget11styleChangeER6QStyle [qt-mt]	_ZN10QTabWidget13setTabEnabledEP7QWidgetb [qt-mt]
_ZN10QTabWidget13setTabIconSetEP7QWidgetRK8QIconSet [qt-mt]	_ZN10QTabWidget13setTabToolTipEP7QWidgetRK7QString [qt-mt]
_ZN10QTabWidget14currentChangedEP7QWidget [qt-mt]	_ZN10QTabWidget14setCurrentPageEi [qt-mt]
_ZN10QTabWidget14setTabPositionENS_11TabPositionE [qt-mt]	_ZN10QTabWidget15setCornerWidgetEP7QWidgetN2Qt6CornerE [qt-mt]
_ZN10QTabWidget16removeTabToolTipEP7QWidget [qt-mt]	_ZN10QTabWidget16staticMetaObjectEv [qt-mt]
_ZN10QTabWidget18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QTabWidget2trEPKcS1_ [qt-mt]
_ZN10QTabWidget6addTabEP7QWidgetP4QTab [qt-mt]	_ZN10QTabWidget6addTabEP7QWidgetRK7QString [qt-mt]
_ZN10QTabWidget6addTabEP7QWidgetRK8QIconSetRK7QString [qt-mt]	_ZN10QTabWidget6trUtf8EPKcS1_ [qt-mt]
_ZN10QTabWidget7qt_castEPKc	_ZN10QTabWidget7qt_emitEiP8QU

© 2008 Linux Foundation

[qt-mt]	Object [qt-mt]
_ZN10QTabWidget7showTabEi [qt-mt]	_ZN10QTabWidget8selectedERK7QString [qt-mt]
_ZN10QTabWidget8showPageEP7QWidget [qt-mt]	_ZN10QTabWidget9changeTabEP7QWidgetRK7QString [qt-mt]
_ZN10QTabWidget9changeTabEP7QWidgetRK8QIconSetRK7QString [qt-mt]	_ZN10QTabWidget9insertTabEP7QWidgetP4QTabi [qt-mt]
_ZN10QTabWidget9insertTabEP7QWidgetRK7QStringi [qt-mt]	_ZN10QTabWidget9insertTabEP7QWidgetRK8QIconSetRK7QStringi [qt-mt]
_ZN10QTabWidget9qt_invokeEiP8QUObject [qt-mt]	_ZN10QTabWidget9setMarginEi [qt-mt]
_ZN10QTabWidget9setTabBarEP7QTabBar [qt-mt]	_ZN10QTabWidget9showEventEP10QShowEvent [qt-mt]
_ZN10QTabWidgetC1EP7QWidgetPKcj [qt-mt]	_ZN10QTabWidgetC2EP7QWidgetPKcj [qt-mt]
_ZN10QTabWidgetD0Ev [qt-mt]	_ZN10QTabWidgetD1Ev [qt-mt]
_ZN10QTabWidgetD2Ev [qt-mt]	_ZN10QWhatsThis15inWhatsThisModeEv [qt-mt]
_ZN10QWhatsThis15whatsThisButtonEP7QWidget [qt-mt]	_ZN10QWhatsThis18enterWhatsThisModeEv [qt-mt]
_ZN10QWhatsThis18leaveWhatsThisModeERK7QStringRK6QPointP7QWidget [qt-mt]	_ZN10QWhatsThis3addEP7QWidgetRK7QString [qt-mt]
_ZN10QWhatsThis4textERK6QPoint [qt-mt]	_ZN10QWhatsThis6removeEP7QWidget [qt-mt]
_ZN10QWhatsThis7clickedERK7QString [qt-mt]	_ZN10QWhatsThis7displayERK7QStringRK6QPointP7QWidget [qt-mt]
_ZN10QWhatsThis7setFontERK5QFont [qt-mt]	_ZN10QWhatsThis7textForEP7QWidgetRK6QPointb [qt-mt]
_ZN10QWhatsThisC1EP7QWidget [qt-mt]	_ZN10QWhatsThisC2EP7QWidget [qt-mt]
_ZN10QWhatsThisD0Ev [qt-mt]	_ZN10QWhatsThisD1Ev [qt-mt]
_ZN10QWhatsThisD2Ev [qt-mt]	_ZN11QDockWindow10handleMoveERK6QPointS2_b [qt-mt]
_ZN11QDockWindow10setCaptionERK7QString [qt-mt]	_ZN11QDockWindow10setNewLineEb [qt-mt]
_ZN11QDockWindow11endRectDrawEb [qt-mt]	_ZN11QDockWindow11eventFilterEP7QObjectP6QEvent [qt-mt]
_ZN11QDockWindow11qt_propertyEiiP8QVariant [qt-mt]	_ZN11QDockWindow11resizeEventEP12QResizeEvent [qt-mt]
_ZN11QDockWindow12drawContentsEP8QPainter [qt-mt]	_ZN11QDockWindow12placeChangedENS_5PlaceE [qt-mt]
_ZN11QDockWindow12setCloseModeEi [qt-mt]	_ZN11QDockWindow13startRectDrawERK6QPointb [qt-mt]

_ZN11QDockWindow14removeFromDockEb [qt-mt]	_ZN11QDockWindow14setOrientationEN2Qt11OrientationE [qt-mt]
_ZN11QDockWindow14updatePositionERK6QPoint [qt-mt]	_ZN11QDockWindow15setOpaqueMovingEb [qt-mt]
_ZN11QDockWindow16contextMenuEventEP17QContextMenuEvent [qt-mt]	_ZN11QDockWindow16setMovingEnabledEb [qt-mt]
_ZN11QDockWindow16setResizeEnabledEb [qt-mt]	_ZN11QDockWindow16staticMetaObjectEv [qt-mt]
_ZN11QDockWindow17visibilityChangedEb [qt-mt]	_ZN11QDockWindow18orientationChangedEN2Qt11OrientationE [qt-mt]
_ZN11QDockWindow18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QDockWindow19setFixedExtentWidthEi [qt-mt]
_ZN11QDockWindow20setFixedExtentHeightEi [qt-mt]	_ZN11QDockWindow24setVerticallyStretchableEb [qt-mt]
_ZN11QDockWindow24updateSplitterVisibilityEb [qt-mt]	_ZN11QDockWindow26setHorizontallyStretchableEb [qt-mt]
ZN11QDockWindow2trEPKcS1 [qt-mt]	_ZN11QDockWindow4dockEv [qt-mt]
_ZN11QDockWindow4initEv [qt-mt]	_ZN11QDockWindow5eventEP6QEvent [qt-mt]
_ZN11QDockWindow6areaAtERK6QPoint [qt-mt]	_ZN11QDockWindow6trUtf8EPKcS1_ [qt-mt]
_ZN11QDockWindow6undockEP7QWidget [qt-mt]	_ZN11QDockWindow7qt_castEPKc [qt-mt]
_ZN11QDockWindow7qt_emitEiP8QUObject [qt-mt]	_ZN11QDockWindow8swapRectER5QRectN2Qt11OrientationERK6QPointP9QDockArea [qt-mt]
_ZN11QDockWindow9boxLayoutEv [qt-mt]	_ZN11QDockWindow9drawFrameEP8QPainter [qt-mt]
_ZN11QDockWindow9hideEventEP10QHideEvent [qt-mt]	_ZN11QDockWindow9qt_invokeEiP8QUObject [qt-mt]
_ZN11QDockWindow9setOffsetEi [qt-mt]	_ZN11QDockWindow9setWidgetEP7QWidget [qt-mt]
_ZN11QDockWindow9showEventEP10QShowEvent [qt-mt]	_ZN11QDockWindow9updateGuiEv [qt-mt]
_ZN11QDockWindowC1ENS_5PlaceEP7QWidgetPKcj [qt-mt]	_ZN11QDockWindowC1ENS_5PlaceEP7QWidgetPKcjb [qt-mt]
_ZN11QDockWindowC1EP7QWidgetPKcj [qt-mt]	_ZN11QDockWindowC2ENS_5PlaceEP7QWidgetPKcj [qt-mt]
_ZN11QDockWindowC2ENS_5PlaceEP7QWidgetPKcjb [qt-mt]	_ZN11QDockWindowC2EP7QWidgetPKcj [qt-mt]
_ZN11QDockWindowD0Ev [qt-mt]	_ZN11QDockWindowD1Ev [qt-mt]
_ZN11QDockWindowD2Ev [qt-mt]	_ZN11QMainWindow10childEventE

© 2008 Linux Foundation

	P11QChildEvent [qt-mt]
_ZN11QMainWindow10paintEventEP11QPaintEvent [qt-mt]	_ZN11QMainWindow10setMenuBarEP8QMenuBar [qt-mt]
_ZN11QMainWindow11dockingAreaERK6QPoint [qt-mt]	_ZN11QMainWindow11eventFilterEP7QObjectP6QEvent [qt-mt]
_ZN11QMainWindow11qt_propertyEiiP8QVariant [qt-mt]	_ZN11QMainWindow11setUpLayoutEv [qt-mt]
_ZN11QMainWindow11styleChangeER6QStyle [qt-mt]	_ZN11QMainWindow12setStatusBarEP10QStatusBar [qt-mt]
_ZN11QMainWindow12showDockMenuERK6QPoint [qt-mt]	_ZN11QMainWindow13addDockWindowEP11QDockWindowN2Qt4DockEb [qt-mt]
_ZN11QMainWindow13addDockWindowEP11QDockWindowRK7QStringN2Qt4DockEb [qt-mt]	_ZN11QMainWindow13hasDockWindowEP11QDockWindow [qt-mt]
_ZN11QMainWindow13triggerLayoutEb [qt-mt]	_ZN11QMainWindow14dockMainWindowEP7QObject [qt-mt]
_ZN11QMainWindow14moveDockWindowEP11QDockWindowN2Qt4DockE [qt-mt]	_ZN11QMainWindow14moveDockWindowEP11QDockWindowN2Qt4DockEbii [qt-mt]
_ZN11QMainWindow14setAppropriateEP11QDockWindowb [qt-mt]	_ZN11QMainWindow14setDockEnabledEN2Qt4DockEb [qt-mt]
_ZN11QMainWindow14setDockEnabledEP11QDockWindowN2Qt4DockEb [qt-mt]	_ZN11QMainWindow15menuAboutToShowEv [qt-mt]
_ZN11QMainWindow15setOpaqueMovingEb [qt-mt]	_ZN11QMainWindow15setToolTipGroupEP13QToolTipGroup [qt-mt]
_ZN11QMainWindow16removeDockWindowEP11QDockWindow [qt-mt]	_ZN11QMainWindow16setCentralWidgetEP7QWidget [qt-mt]
_ZN11QMainWindow16setUsesTextLabelEb [qt-mt]	_ZN11QMainWindow16slotPlaceChangedEv [qt-mt]
_ZN11QMainWindow16staticMetaObjectEv [qt-mt]	_ZN11QMainWindow17lineUpDockWindowsEb [qt-mt]
_ZN11QMainWindow17pixmapSizeChangedEb [qt-mt]	_ZN11QMainWindow17setUsesBigPixmapsEb [qt-mt]
_ZN11QMainWindow18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QMainWindow18setDockMenuEnabledEb [qt-mt]
_ZN11QMainWindow20usesTextLabelChangedEb [qt-mt]	_ZN11QMainWindow21setDockWindowsMovableEb [qt-mt]
_ZN11QMainWindow21setRightJustificationEb [qt-mt]	_ZN11QMainWindow22toolBarPositionChangedEP8QToolBar [qt-mt]
_ZN11QMainWindow25dockWindowPositionChangedEP11QDockWindow [qt-mt]	_ZN11QMainWindow2trEPKcS1_ [qt-mt]

_ZN11QMainWindow4hideEv [qt-mt]	_ZN11QMainWindow4showEv [qt-mt]
_ZN11QMainWindow5eventEP6QEvent [qt-mt]	_ZN11QMainWindow6trUtf8EPKcS1_ [qt-mt]
_ZN11QMainWindow7qt_castEPKc [qt-mt]	_ZN11QMainWindow7qt_emitEiP8QUObject [qt-mt]
_ZN11QMainWindow9customizeEv [qt-mt]	_ZN11QMainWindow9qt_invokeEiP8QUObject [qt-mt]
_ZN11QMainWindow9whatsThisEv [qt-mt]	_ZN11QMainWindowC1EP7QWidgetPKcj [qt-mt]
_ZN11QMainWindowC2EP7QWidgetPKcj [qt-mt]	_ZN11QMainWindowD0Ev [qt-mt]
_ZN11QMainWindowD1Ev [qt-mt]	_ZN11QMainWindowD2Ev [qt-mt]
_ZN11QPushButton10drawButtonEP8QPainter [qt-mt]	_ZN11QPushButton10setDefaultEb [qt-mt]
_ZN11QPushButton10setIconSetERK8QIconSet [qt-mt]	_ZN11QPushButton10updateMaskEv [qt-mt]
_ZN11QPushButton11qt_propertyEiiP8QVariant [qt-mt]	_ZN11QPushButton11resizeEventEP12QResizeEvent [qt-mt]
_ZN11QPushButton11setGeometryERK5QRect [qt-mt]	_ZN11QPushButton11setGeometryEiiii [qt-mt]
_ZN11QPushButton12focusInEventEP11QFocusEvent [qt-mt]	_ZN11QPushButton12popupPressedEv [qt-mt]
_ZN11QPushButton13focusOutEventEP11QFocusEvent [qt-mt]	_ZN11QPushButton14setAutoDefaultEb [qt-mt]
_ZN11QPushButton15drawButtonLabelEP8QPainter [qt-mt]	_ZN11QPushButton15setToggleButtonEb [qt-mt]
_ZN11QPushButton16staticMetaObjectEv [qt-mt]	_ZN11QPushButton18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN11QPushButton2trEPKcS1 [qt-mt]	_ZN11QPushButton4initEv [qt-mt]
_ZN11QPushButton4moveERK6QPoint [qt-mt]	_ZN11QPushButton4moveEii [qt-mt]
_ZN11QPushButton5setOnEb [qt-mt]	_ZN11QPushButton6resizeERK5QSize [qt-mt]
_ZN11QPushButton6resizeEii [qt-mt]	_ZN11QPushButton6trUtf8EPKcS1_ [qt-mt]
_ZN11QPushButton7qt_castEPKc [qt-mt]	_ZN11QPushButton7qt_emitEiP8QUObject [qt-mt]
_ZN11QPushButton7setFlatEb [qt-mt]	_ZN11QPushButton8setPopupEP10QPopupMenu [qt-mt]
_ZN11QPushButton9qt_invokeEiP8QUObject [qt-mt]	_ZN11QPushButtonC1EP7QWidgetPKc [qt-mt]
_ZN11QPushButtonC1ERK7QStringP7QWidgetPKc [qt-mt]	_ZN11QPushButtonC1ERK8QIconSetRK7QStringP7QWidgetPKc [qt-mt]

 © 2008 Linux Foundation

_ZN11QPushButtonC2EP7QWidget PKc [qt-mt]	_ZN11QPushButtonC2ERK7QString P7QWidgetPKc [qt-mt]
_ZN11QPushButtonC2ERK8QIconSe tRK7QStringP7QWidgetPKc [qt-mt]	_ZN11QPushButtonD0Ev [qt-mt]
_ZN11QPushButtonD1Ev [qt-mt]	_ZN11QPushButtonD2Ev [qt-mt]
_ZN11QScrollView10fontChangeER K5QFont [qt-mt]	_ZN11QScrollView10setEnabledEb [qt-mt]
_ZN11QScrollView10setMarginsEiiii [qt-mt]	_ZN11QScrollView10wheelEventEP 11QWheelEvent [qt-mt]
_ZN11QScrollView11eventFilterEP7 QObjectP6QEvent [qt-mt]	_ZN11QScrollView11qt_propertyEii P8QVariant [qt-mt]
_ZN11QScrollView11removeChildE P7QObject [qt-mt]	_ZN11QScrollView11removeChildE P7QWidget [qt-mt]
_ZN11QScrollView11resizeEventEP1 2QResizeEvent [qt-mt]	_ZN11QScrollView11styleChangeER 6QStyle [qt-mt]
_ZN11QScrollView12drawContents EP8QPainter [qt-mt]	_ZN11QScrollView12drawContents EP8QPainteriiii [qt-mt]
_ZN11QScrollView12frameChanged Ev [qt-mt]	_ZN11QScrollView12moveContents Eii [qt-mt]
_ZN11QScrollView13enableClipperE b [qt-mt]	_ZN11QScrollView13ensureVisibleE ii [qt-mt]
_ZN11QScrollView13ensureVisibleE iiii [qt-mt]	_ZN11QScrollView13hbarIsPressedE v [qt-mt]
_ZN11QScrollView13vbarIsPressedE v [qt-mt]	_ZN11QScrollView14contentsMovin gEii [qt-mt]
_ZN11QScrollView14hbarIsReleased Ev [qt-mt]	_ZN11QScrollView14mouseMoveEv entEP11QMouseEvent [qt-mt]
_ZN11QScrollView14resizeContents Eii [qt-mt]	_ZN11QScrollView14setContentsPos Eii [qt-mt]
_ZN11QScrollView14updateContent sERK5QRect [qt-mt]	_ZN11QScrollView14updateContent sEiiii [qt-mt]
_ZN11QScrollView14updateContent sEv [qt-mt]	_ZN11QScrollView14vbarIsReleased Ev [qt-mt]
_ZN11QScrollView15changeFrameR ectERK5QRect [qt-mt]	_ZN11QScrollView15mousePressEv entEP11QMouseEvent [qt-mt]
_ZN11QScrollView15repaintContent sERK5QRectb [qt-mt]	_ZN11QScrollView15repaintContent sEb [qt-mt]
_ZN11QScrollView15repaintContent sEiiiib [qt-mt]	_ZN11QScrollView15setCornerWidg etEP7QWidget [qt-mt]
_ZN11QScrollView15setHBarGeome tryER10QScrollBariiii [qt-mt]	_ZN11QScrollView15setResizePolicy ENS_12ResizePolicyE [qt-mt]
_ZN11QScrollView15setVBarGeome tryER10QScrollBariiii [qt-mt]	_ZN11QScrollView16contextMenuE ventEP17QContextMenuEvent [qt-mt]
_ZN11QScrollView16doDragAutoSc rollEv [qt-mt]	_ZN11QScrollView16staticMetaObje ctEv [qt-mt]

_ZN11QScrollView16updateScrollBarsEv [qt-mt]	_ZN11QScrollView17contentsDropEventEP10QDropEvent [qt-mt]
_ZN11QScrollView17mouseReleaseEventEP11QMouseEvent [qt-mt]	_ZN11QScrollView17setDragAutoScrollEb [qt-mt]
_ZN11QScrollView17setHScrollBarModeENS_13ScrollBarModeE [qt-mt]	_ZN11QScrollView17setVScrollBarModeENS_13ScrollBarModeE [qt-mt]
_ZN11QScrollView17viewportDropEventEP10QDropEvent [qt-mt]	_ZN11QScrollView18contentsWheelEventEP11QWheelEvent [qt-mt]
_ZN11QScrollView18drawContentsOffsetEP8QPainteriiiii [qt-mt]	_ZN11QScrollView18focusNextPrevChildEb [qt-mt]
_ZN11QScrollView18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QScrollView18stopDragAutoScrollEv [qt-mt]
_ZN11QScrollView18viewportPaintEventEP11QPaintEvent [qt-mt]	_ZN11QScrollView18viewportWheelEventEP11QWheelEvent [qt-mt]
_ZN11QScrollView19setStaticBackgroundEb [qt-mt]	_ZN11QScrollView19startDragAutoScrollEv [qt-mt]
_ZN11QScrollView19viewportResizeEventEP12QResizeEvent [qt-mt]	_ZN11QScrollView21contentsDragMoveEventEP14QDragMoveEvent [qt-mt]
_ZN11QScrollView21mouseDoubleClickEventEP11QMouseEvent [qt-mt]	_ZN11QScrollView21verticalSliderPressedEv [qt-mt]
_ZN11QScrollView21viewportDragMoveEventEP14QDragMoveEvent [qt-mt]	_ZN11QScrollView22contentsDragEnterEventEP15QDragEnterEvent [qt-mt]
_ZN11QScrollView22contentsDragLeaveEventEP15QDragLeaveEvent [qt-mt]	_ZN11QScrollView22contentsMouseMoveEventEP11QMouseEvent [qt-mt]
_ZN11QScrollView22disableSizeHintCachingEv [qt-mt]	_ZN11QScrollView22verticalSliderReleasedEv [qt-mt]
_ZN11QScrollView22viewportDragEnterEventEP15QDragEnterEvent [qt-mt]	_ZN11QScrollView22viewportDragLeaveEventEP15QDragLeaveEvent [qt-mt]
_ZN11QScrollView22viewportMouseMoveEventEP11QMouseEvent [qt-mt]	_ZN11QScrollView23contentsMousePressEventEP11QMouseEvent [qt-mt]
_ZN11QScrollView23horizontalSliderPressedEv [qt-mt]	_ZN11QScrollView23isVerticalSliderPressedEv [qt-mt]
_ZN11QScrollView23viewportMousePressEventEP11QMouseEvent [qt-mt]	_ZN11QScrollView24contentsContextMenuEventEP17QContextMenuEvent [qt-mt]
_ZN11QScrollView24horizontalSliderReleasedEv [qt-mt]	_ZN11QScrollView24viewportContextMenuEventEP17QContextMenuEvent [qt-mt]
_ZN11QScrollView25contentsMouseReleaseEventEP11QMouseEvent [qt-	_ZN11QScrollView25isHorizontalSliderPressedEv [qt-mt]

© 2008 Linux Foundation

mt]	
_ZN11QScrollView25viewportMouseReleaseEventEP11QMouseEvent [qt-mt]	_ZN11QScrollView29contentsMouseDoubleClickEventEP11QMouseEvent [qt-mt]
_ZN11QScrollView29viewportMouseDoubleClickEventEP11QMouseEvent [qt-mt]	_ZN11QScrollView2trEPKcS1_ [qt-mt]
_ZN11QScrollView4showEv [qt-mt]	_ZN11QScrollView6centerEii [qt-mt]
_ZN11QScrollView6centerEiiff [qt-mt]	_ZN11QScrollView6childXEP7QWidget [qt-mt]
_ZN11QScrollView6childYEP7QWidget [qt-mt]	_ZN11QScrollView6hslideEi [qt-mt]
_ZN11QScrollView6resizeERK5QSize [qt-mt]	_ZN11QScrollView6resizeEii [qt-mt]
ZN11QScrollView6trUtf8EPKcS1 [qt-mt]	_ZN11QScrollView6vslideEi [qt-mt]
_ZN11QScrollView7qt_castEPKc [qt-mt]	_ZN11QScrollView7qt_emitEiP8QUObject [qt-mt]
_ZN11QScrollView8addChildEP7QWidgetii [qt-mt]	_ZN11QScrollView8scrollByEii [qt-mt]
_ZN11QScrollView9moveChildEP7QWidgetii [qt-mt]	_ZN11QScrollView9qt_invokeEiP8QUObject [qt-mt]
_ZN11QScrollViewC1EP7QWidgetPKcj [qt-mt]	_ZN11QScrollViewC2EP7QWidgetPKcj [qt-mt]
_ZN11QScrollViewD0Ev [qt-mt]	_ZN11QScrollViewD1Ev [qt-mt]
_ZN11QScrollViewD2Ev [qt-mt]	_ZN11QSpinWidget10editWidgetEv [qt-mt]
_ZN11QSpinWidget10paintEventEP11QPaintEvent [qt-mt]	_ZN11QSpinWidget10wheelEventEP11QWheelEvent [qt-mt]
_ZN11QSpinWidget11qt_propertyEiiP8QVariant [qt-mt]	_ZN11QSpinWidget11resizeEventEP12QResizeEvent [qt-mt]
_ZN11QSpinWidget11styleChangeER6QStyle [qt-mt]	_ZN11QSpinWidget11timerDoneExEv [qt-mt]
_ZN11QSpinWidget12setUpEnabledEb [qt-mt]	_ZN11QSpinWidget13enableChangedEb [qt-mt]
_ZN11QSpinWidget13setEditWidgetEP7QWidget [qt-mt]	_ZN11QSpinWidget13stepUpPressedEv [qt-mt]
_ZN11QSpinWidget13updateDisplayEv [qt-mt]	_ZN11QSpinWidget14mouseMoveEventEP11QMouseEvent [qt-mt]
_ZN11QSpinWidget14setDownEnabledEb [qt-mt]	_ZN11QSpinWidget15mousePressEventEP11QMouseEvent [qt-mt]
_ZN11QSpinWidget15stepDownPressedEv [qt-mt]	_ZN11QSpinWidget16setButtonSymbolsENS_13ButtonSymbolsE [qt-mt]
_ZN11QSpinWidget16staticMetaObjectEv [qt-mt]	_ZN11QSpinWidget17mouseReleaseEventEP11QMouseEvent [qt-mt]

_ZN11QSpinWidget18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QSpinWidget22windowActivationChangeEb [qt-mt]
ZN11QSpinWidget2trEPKcS1 [qt-mt]	_ZN11QSpinWidget6stepUpEv [qt-mt]
ZN11QSpinWidget6trUtf8EPKcS1 [qt-mt]	_ZN11QSpinWidget7arrangeEv [qt-mt]
_ZN11QSpinWidget7qt_castEPKc [qt-mt]	_ZN11QSpinWidget7qt_emitEiP8QUObject [qt-mt]
_ZN11QSpinWidget8stepDownEv [qt-mt]	_ZN11QSpinWidget9qt_invokeEiP8QUObject [qt-mt]
_ZN11QSpinWidget9timerDoneEv [qt-mt]	_ZN11QSpinWidgetC1EP7QWidgetPKc [qt-mt]
_ZN11QSpinWidgetC2EP7QWidgetPKc [qt-mt]	_ZN11QSpinWidgetD0Ev [qt-mt]
_ZN11QSpinWidgetD1Ev [qt-mt]	_ZN11QSpinWidgetD2Ev [qt-mt]
_ZN11QToolButton10drawButtonEP8QPainter [qt-mt]	_ZN11QToolButton10enterEventEP6QEvent [qt-mt]
_ZN11QToolButton10leaveEventEP6QEvent [qt-mt]	_ZN11QToolButton10setIconSetERK8QIconSet [qt-mt]
_ZN11QToolButton10setIconSetERK8QIconSetb [qt-mt]	_ZN11QToolButton11eventFilterEP7QObjectP6QEvent [qt-mt]
_ZN11QToolButton11qt_propertyEiiP8QVariant [qt-mt]	_ZN11QToolButton12popupPressedEv [qt-mt]
_ZN11QToolButton12setAutoRaiseEb [qt-mt]	_ZN11QToolButton12setOnIconSetERK8QIconSet [qt-mt]
_ZN11QToolButton12setTextLabelERK7QString [qt-mt]	_ZN11QToolButton12setTextLabelERK7QStringb [qt-mt]
_ZN11QToolButton13paletteChangeERK8QPalette [qt-mt]	_ZN11QToolButton13setOffIconSetERK8QIconSet [qt-mt]
_ZN11QToolButton13setPopupDelayEi [qt-mt]	_ZN11QToolButton14popupTimerDoneEv [qt-mt]
_ZN11QToolButton15drawButtonLabelEP8QPainter [qt-mt]	_ZN11QToolButton15mousePressEventEP11QMouseEvent [qt-mt]
_ZN11QToolButton15setTextPositionENS_12TextPositionE [qt-mt]	_ZN11QToolButton15setToggleButtonEb [qt-mt]
_ZN11QToolButton16setUsesBigPixmapEb [qt-mt]	_ZN11QToolButton16setUsesTextLabelEb [qt-mt]
_ZN11QToolButton16staticMetaObjectEv [qt-mt]	_ZN11QToolButton18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN11QToolButton2trEPKcS1 [qt-mt]	_ZN11QToolButton4initEv [qt-mt]
_ZN11QToolButton5setOnEb [qt-mt]	_ZN11QToolButton6toggleEv [qt-mt]
ZN11QToolButton6trUtf8EPKcS1 [qt-mt]	_ZN11QToolButton7qt_castEPKc [qt-mt]

 © 2008 Linux Foundation

_ZN11QToolButton7qt_emitEiP8QUObject [qt-mt]	_ZN11QToolButton7setTextERK7QString [qt-mt]
_ZN11QToolButton8setPopupEP10QPopupMenu [qt-mt]	_ZN11QToolButton9moveEventEP10QMoveEvent [qt-mt]
_ZN11QToolButton9openPopupEv [qt-mt]	_ZN11QToolButton9qt_invokeEiP8QUObject [qt-mt]
_ZN11QToolButtonC1EN2Qt9ArrowTypeEP7QWidgetPKc [qt-mt]	_ZN11QToolButtonC1EP7QWidgetPKc [qt-mt]
_ZN11QToolButtonC1ERK8QIconSetRK7QStringS5_P7QObjectPKcP8QToolBarS9_ [qt-mt]	_ZN11QToolButtonC2EN2Qt9ArrowTypeEP7QWidgetPKc [qt-mt]
_ZN11QToolButtonC2EP7QWidgetPKc [qt-mt]	_ZN11QToolButtonC2ERK8QIconSetRK7QStringS5_P7QObjectPKcP8QToolBarS9_ [qt-mt]
_ZN11QToolButtonD0Ev [qt-mt]	_ZN11QToolButtonD1Ev [qt-mt]
_ZN11QToolButtonD2Ev [qt-mt]	_ZN12QDataBrowser10readFieldsEv [qt-mt]
_ZN12QDataBrowser11clearValuesEv [qt-mt]	_ZN12QDataBrowser11confirmEditEN4QSql2OpE [qt-mt]
_ZN12QDataBrowser11handleErrorERK9QSqlError [qt-mt]	_ZN12QDataBrowser11primeDeleteEP10QSqlRecord [qt-mt]
_ZN12QDataBrowser11primeInsertEP10QSqlRecord [qt-mt]	_ZN12QDataBrowser11primeUpdateEP10QSqlRecord [qt-mt]
_ZN12QDataBrowser11qt_propertyEiiP8QVariant [qt-mt]	_ZN12QDataBrowser11setAutoEditEb [qt-mt]
_ZN12QDataBrowser11setReadOnlyEb [qt-mt]	_ZN12QDataBrowser11writeFieldsEv [qt-mt]
_ZN12QDataBrowser12beforeDeleteEP10QSqlRecord [qt-mt]	_ZN12QDataBrowser12beforeInsertEP10QSqlRecord [qt-mt]
_ZN12QDataBrowser12beforeUpdateEP10QSqlRecord [qt-mt]	_ZN12QDataBrowser12setSqlCursorEP10QSqlCursorb [qt-mt]
_ZN12QDataBrowser13confirmCancelEN4QSql2OpE [qt-mt]	_ZN12QDataBrowser13currentEditedEv [qt-mt]
_ZN12QDataBrowser13cursorChangedEN10QSqlCursor4ModeE [qt-mt]	_ZN12QDataBrowser13deleteCurrentEv [qt-mt]
_ZN12QDataBrowser13insertCurrentEv [qt-mt]	_ZN12QDataBrowser13updateCurrentEv [qt-mt]
_ZN12QDataBrowser14currentChangedEPK10QSqlRecord [qt-mt]	_ZN12QDataBrowser14updateBoundaryEv [qt-mt]
_ZN12QDataBrowser15setConfirmEditsEb [qt-mt]	_ZN12QDataBrowser16setConfirmDeleteEb [qt-mt]
_ZN12QDataBrowser16setConfirmInsertEb [qt-mt]	_ZN12QDataBrowser16setConfirmUpdateEb [qt-mt]
_ZN12QDataBrowser16staticMetaObjectEv [qt-mt]	_ZN12QDataBrowser17setConfirmCancelsEb [qt-mt]
_ZN12QDataBrowser18qt_static_pro	_ZN12QDataBrowser19lastRecordA

pertyEP7QObjectiiP8QVariant [qt-mt]	vailableEb [qt-mt]
_ZN12QDataBrowser19nextRecordAvailableEb [qt-mt]	_ZN12QDataBrowser19prevRecordAvailableEb [qt-mt]
_ZN12QDataBrowser19setBoundaryCheckingEb [qt-mt]	_ZN12QDataBrowser20firstRecordAvailableEb [qt-mt]
ZN12QDataBrowser2trEPKcS1 [qt-mt]	_ZN12QDataBrowser3delEv [qt-mt]
_ZN12QDataBrowser3navEM10QSqlCursorFbvE [qt-mt]	_ZN12QDataBrowser4formEv [qt-mt]
_ZN12QDataBrowser4lastEv [qt-mt]	_ZN12QDataBrowser4nextEv [qt-mt]
_ZN12QDataBrowser4prevEv [qt-mt]	_ZN12QDataBrowser4seekEib [qt-mt]
_ZN12QDataBrowser5firstEv [qt-mt]	_ZN12QDataBrowser6insertEv [qt-mt]
_ZN12QDataBrowser6preNavEv [qt-mt]	_ZN12QDataBrowser6trUtf8EPKcS1_ [qt-mt]
_ZN12QDataBrowser6updateEv [qt-mt]	_ZN12QDataBrowser7postNavEb [qt-mt]
_ZN12QDataBrowser7qt_castEPKc [qt-mt]	_ZN12QDataBrowser7qt_emitEiP8QUObject [qt-mt]
_ZN12QDataBrowser7refreshEv [qt-mt]	_ZN12QDataBrowser7setFormEP8QSqlForm [qt-mt]
_ZN12QDataBrowser7setSortERK11QStringList [qt-mt]	_ZN12QDataBrowser7setSortERK9QSqlIndex [qt-mt]
_ZN12QDataBrowser8boundaryEv [qt-mt]	_ZN12QDataBrowser9qt_invokeEiP8QUObject [qt-mt]
_ZN12QDataBrowser9setFilterERK7QString [qt-mt]	_ZN12QDataBrowserC1EP7QWidgetPKcj [qt-mt]
_ZN12QDataBrowserC2EP7QWidgetPKcj [qt-mt]	_ZN12QDataBrowserD0Ev [qt-mt]
_ZN12QDataBrowserD1Ev [qt-mt]	_ZN12QDataBrowserD2Ev [qt-mt]
_ZN12QIconFactory12createPixmapERK8QIconSetNS0_4SizeENS0_4ModeENS0_5StateE [qt-mt]	_ZN12QIconFactory14defaultFactoryEv [qt-mt]
ZN12QIconFactory21installDefaultFactoryEPS [qt-mt]	_ZN12QIconFactoryC1Ev [qt-mt]
_ZN12QIconFactoryC2Ev [qt-mt]	_ZN12QIconFactoryD0Ev [qt-mt]
_ZN12QIconFactoryD1Ev [qt-mt]	_ZN12QIconFactoryD2Ev [qt-mt]
_ZN12QListBoxItem13setSelectableEb [qt-mt]	_ZN12QListBoxItem21setCustomHighlightingEb [qt-mt]
_ZN12QListBoxItemC1EP8QListBox [qt-mt]	_ZN12QListBoxItemC1EP8QListBoxPS_ [qt-mt]
_ZN12QListBoxItemC2EP8QListBox	_ZN12QListBoxItemC2EP8QListBox

© 2008 Linux Foundation

[qt-mt]	PS_ [qt-mt]
_ZN12QListBoxItemD0Ev [qt-mt]	_ZN12QListBoxItemD1Ev [qt-mt]
_ZN12QListBoxItemD2Ev [qt-mt]	_ZN12QListBoxText5paintEP8QPainter [qt-mt]
_ZN12QListBoxTextC1EP8QListBoxRK7QString [qt-mt]	_ZN12QListBoxTextC1EP8QListBoxRK7QStringP12QListBoxItem [qt-mt]
_ZN12QListBoxTextC1ERK7QString [qt-mt]	_ZN12QListBoxTextC2EP8QListBoxRK7QString [qt-mt]
_ZN12QListBoxTextC2EP8QListBoxRK7QStringP12QListBoxItem [qt-mt]	_ZN12QListBoxTextC2ERK7QString [qt-mt]
_ZN12QListBoxTextD0Ev [qt-mt]	_ZN12QListBoxTextD1Ev [qt-mt]
_ZN12QListBoxTextD2Ev [qt-mt]	_ZN12QProgressBar11qt_propertyEiiP8QVariant [qt-mt]
_ZN12QProgressBar11setProgressEi [qt-mt]	_ZN12QProgressBar11setProgressEii [qt-mt]
_ZN12QProgressBar11styleChangeER6QStyle [qt-mt]	_ZN12QProgressBar12drawContentsEP8QPainter [qt-mt]
_ZN12QProgressBar12setIndicatorER7QStringii [qt-mt]	_ZN12QProgressBar13setTotalStepsEi [qt-mt]
_ZN12QProgressBar16staticMetaObjectEv [qt-mt]	_ZN12QProgressBar18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN12QProgressBar18setCenterIndicatorEb [qt-mt]	_ZN12QProgressBar20setPercentageVisibleEb [qt-mt]
_ZN12QProgressBar24setIndicatorFollowsStyleEb [qt-mt]	_ZN12QProgressBar2trEPKcS1_ [qt-mt]
_ZN12QProgressBar4showEv [qt-mt]	_ZN12QProgressBar5resetEv [qt-mt]
ZN12QProgressBar6trUtf8EPKcS1 [qt-mt]	_ZN12QProgressBar7qt_castEPKc [qt-mt]
_ZN12QProgressBar7qt_emitEiP8QUObject [qt-mt]	_ZN12QProgressBar9initFrameEv [qt-mt]
_ZN12QProgressBar9qt_invokeEiP8QUObject [qt-mt]	_ZN12QProgressBarC1EP7QWidgetPKcj [qt-mt]
_ZN12QProgressBarC1EiP7QWidgetPKcj [qt-mt]	_ZN12QProgressBarC2EP7QWidgetPKcj [qt-mt]
_ZN12QProgressBarC2EiP7QWidgetPKcj [qt-mt]	_ZN12QRadioButton10drawButtonEP8QPainter [qt-mt]
_ZN12QRadioButton10setCheckedEb [qt-mt]	_ZN12QRadioButton10updateMaskEv [qt-mt]
_ZN12QRadioButton11qt_propertyEiiP8QVariant [qt-mt]	_ZN12QRadioButton11resizeEventEP12QResizeEvent [qt-mt]
_ZN12QRadioButton15drawButtonLabelEP8QPainter [qt-mt]	_ZN12QRadioButton16staticMetaObjectEv [qt-mt]
_ZN12QRadioButton18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN12QRadioButton2trEPKcS1_ [qt-mt]

mt]	
_ZN12QRadioButton4initEv [qt-mt]	_ZN12QRadioButton6trUtf8EPKcS1_ [qt-mt]
_ZN12QRadioButton7qt_castEPKc [qt-mt]	_ZN12QRadioButton7qt_emitEiP8QUObject [qt-mt]
_ZN12QRadioButton9qt_invokeEiP8QUObject [qt-mt]	_ZN12QRadioButtonC1EP7QWidgetPKc [qt-mt]
_ZN12QRadioButtonC1ERK7QStringP7QWidgetPKc [qt-mt]	_ZN12QRadioButtonC2EP7QWidgetPKc [qt-mt]
_ZN12QRadioButtonC2ERK7QStringP7QWidgetPKc [qt-mt]	_ZN12QTextBrowser11highlightedERK7QString [qt-mt]
_ZN12QTextBrowser11linkClickedERK7QString [qt-mt]	_ZN12QTextBrowser11popupDetailERK7QStringRK6QPoint [qt-mt]
_ZN12QTextBrowser11qt_propertyEiiP8QVariant [qt-mt]	_ZN12QTextBrowser13anchorClickedERK7QStringS2_ [qt-mt]
_ZN12QTextBrowser13keyPressEventEP9QKeyEvent [qt-mt]	_ZN12QTextBrowser13sourceChangedERK7QString [qt-mt]
_ZN12QTextBrowser15emitHighlightedERK7QString [qt-mt]	_ZN12QTextBrowser15emitLinkClickedERK7QString [qt-mt]
_ZN12QTextBrowser16forwardAvailableEb [qt-mt]	_ZN12QTextBrowser16staticMetaObjectEv [qt-mt]
_ZN12QTextBrowser17backwardAvailableEb [qt-mt]	_ZN12QTextBrowser18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN12QTextBrowser2trEPKcS1 [qt-mt]	_ZN12QTextBrowser4homeEv [qt-mt]
_ZN12QTextBrowser6reloadEv [qt-mt]	_ZN12QTextBrowser6trUtf8EPKcS1_ [qt-mt]
_ZN12QTextBrowser7forwardEv [qt-mt]	_ZN12QTextBrowser7qt_castEPKc [qt-mt]
_ZN12QTextBrowser7qt_emitEiP8QUObject [qt-mt]	_ZN12QTextBrowser7setTextERK7QStringS2_ [qt-mt]
_ZN12QTextBrowser8backwardEv [qt-mt]	_ZN12QTextBrowser9qt_invokeEiP8QUObject [qt-mt]
_ZN12QTextBrowser9setSourceERK7QString [qt-mt]	_ZN12QTextBrowserC1EP7QWidgetPKc [qt-mt]
_ZN12QTextBrowserC2EP7QWidgetPKc [qt-mt]	_ZN12QTextBrowserD0Ev [qt-mt]
_ZN12QTextBrowserD1Ev [qt-mt]	_ZN12QTextBrowserD2Ev [qt-mt]
_ZN13QIconViewItem10paintFocusEP8QPainterRK11QColorGroup [qt-mt]	_ZN13QIconViewItem10renameItemEv [qt-mt]
_ZN13QIconViewItem10setPictureERK8QPicture [qt-mt]	_ZN13QIconViewItem11calcTmpTextEv [qt-mt]
_ZN13QIconViewItem11dragEnteredEv [qt-mt]	_ZN13QIconViewItem11setItemRectERK5QRect [qt-mt]

© 2008 Linux Foundation

_ZN13QIconViewItem11setSelectedEb [qt-mt]	_ZN13QIconViewItem11setSelectedEbb [qt-mt]
_ZN13QIconViewItem11setTextRectERK5QRect [qt-mt]	_ZN13QIconViewItem13setPixmapRectERK5QRect [qt-mt]
_ZN13QIconViewItem13setSelectableEb [qt-mt]	_ZN13QIconViewItem14setDragEnabledEb [qt-mt]
_ZN13QIconViewItem14setDropEnabledEb [qt-mt]	_ZN13QIconViewItem15removeRenameBoxEv [qt-mt]
_ZN13QIconViewItem16cancelRenameItemEv [qt-mt]	_ZN13QIconViewItem16setRenameEnabledEb [qt-mt]
_ZN13QIconViewItem4initEPS_P8QPicture [qt-mt]	_ZN13QIconViewItem4moveERK6QPoint [qt-mt]
_ZN13QIconViewItem4moveEii [qt-mt]	_ZN13QIconViewItem6moveByERK6QPoint [qt-mt]
_ZN13QIconViewItem6moveByEii [qt-mt]	_ZN13QIconViewItem6renameEv [qt-mt]
_ZN13QIconViewItem6setKeyERK7QString [qt-mt]	_ZN13QIconViewItem7droppedEP10QDropEventRK10QValueListI13QIconDragItemE [qt-mt]
_ZN13QIconViewItem7repaintEv [qt-mt]	_ZN13QIconViewItem7setTextERK7QString [qt-mt]
_ZN13QIconViewItem7setTextERK7QStringbb [qt-mt]	_ZN13QIconViewItem8calcRectERK7QString [qt-mt]
_ZN13QIconViewItem8dragLeftEv [qt-mt]	_ZN13QIconViewItem9checkRectEv [qt-mt]
_ZN13QIconViewItem9paintItemEP8QPainterRK11QColorGroup [qt-mt]	_ZN13QIconViewItem9setPixmapERK7QPixmap [qt-mt]
_ZN13QIconViewItem9setPixmapERK7QPixmapbb [qt-mt]	_ZN13QIconViewItemC1EP9QIconView [qt-mt]
ZN13QIconViewItemC1EP9QIconViewPS [qt-mt]	_ZN13QIconViewItemC1EP9QIconViewPS_RK7QString [qt-mt]
_ZN13QIconViewItemC1EP9QIconViewPS_RK7QStringRK7QPixmap [qt-mt]	_ZN13QIconViewItemC1EP9QIconViewPS_RK7QStringRK8QPicture [qt-mt]
_ZN13QIconViewItemC1EP9QIconViewRK7QString [qt-mt]	_ZN13QIconViewItemC1EP9QIconViewRK7QStringRK7QPixmap [qt-mt]
_ZN13QIconViewItemC1EP9QIconViewRK7QStringRK8QPicture [qt-mt]	_ZN13QIconViewItemC2EP9QIconView [qt-mt]
ZN13QIconViewItemC2EP9QIconViewPS [qt-mt]	_ZN13QIconViewItemC2EP9QIconViewPS_RK7QString [qt-mt]
_ZN13QIconViewItemC2EP9QIconViewPS_RK7QStringRK7QPixmap [qt-mt]	_ZN13QIconViewItemC2EP9QIconViewPS_RK7QStringRK8QPicture [qt-mt]
_ZN13QIconViewItemC2EP9QIconViewRK7QString [qt-mt]	_ZN13QIconViewItemC2EP9QIconViewRK7QStringRK7QPixmap [qt-mt]
_ZN13QIconViewItemC2EP9QIconV	_ZN13QIconViewItemD0Ev [qt-mt]

iewRK7QStringRK8QPicture [qt-mt]	
_ZN13QIconViewItemD1Ev [qt-mt]	_ZN13QIconViewItemD2Ev [qt-mt]
ZN13QListViewItem10insertItemEPS [qt-mt]	_ZN13QListViewItem10paintFocusEP8QPainterRK11QColorGroupRK5QRect [qt-mt]
_ZN13QListViewItem10setEnabledEb [qt-mt]	_ZN13QListViewItem10setVisibleEb [qt-mt]
_ZN13QListViewItem11dragEnteredEv [qt-mt]	_ZN13QListViewItem11setSelectedEb [qt-mt]
_ZN13QListViewItem11startRenameEi [qt-mt]	_ZN13QListViewItem12activatedPosER6QPoint [qt-mt]
_ZN13QListViewItem12cancelRenameEi [qt-mt]	_ZN13QListViewItem13paintBranchesEP8QPainterRK11QColorGroupiii [qt-mt]
_ZN13QListViewItem13setExpandableEb [qt-mt]	_ZN13QListViewItem13setSelectableEb [qt-mt]
_ZN13QListViewItem14setDragEnabledEb [qt-mt]	_ZN13QListViewItem14setDropEnabledEb [qt-mt]
_ZN13QListViewItem14sortChildItemsEib [qt-mt]	_ZN13QListViewItem15moveToJustAfterEPS_ [qt-mt]
_ZN13QListViewItem15removeRenameBoxEv [qt-mt]	_ZN13QListViewItem16invalidateHeightEv [qt-mt]
_ZN13QListViewItem16setRenameEnabledEib [qt-mt]	_ZN13QListViewItem17ignoreDoubleClickEv [qt-mt]
_ZN13QListViewItem20setMultiLinesEnabledEb [qt-mt]	_ZN13QListViewItem26enforceSortOrderBackToRootEv [qt-mt]
_ZN13QListViewItem4initEv [qt-mt]	_ZN13QListViewItem4sortEv [qt-mt]
_ZN13QListViewItem5setupEv [qt-mt]	_ZN13QListViewItem7droppedEP10QDropEvent [qt-mt]
_ZN13QListViewItem7setOpenEb [qt-mt]	_ZN13QListViewItem7setTextEiRK7QString [qt-mt]
_ZN13QListViewItem8activateEv [qt-mt]	_ZN13QListViewItem8dragLeftEv [qt-mt]
ZN13QListViewItem8moveItemEPS [qt-mt]	_ZN13QListViewItem8okRenameEi [qt-mt]
ZN13QListViewItem8takeItemEPS [qt-mt]	_ZN13QListViewItem9itemAboveEv [qt-mt]
_ZN13QListViewItem9itemBelowEv [qt-mt]	_ZN13QListViewItem9paintCellEP8QPainterRK11QColorGroupiii [qt-mt]
_ZN13QListViewItem9setHeightEi [qt-mt]	_ZN13QListViewItem9setPixmapEiRK7QPixmap [qt-mt]
_ZN13QListViewItemC1EP9QListView [qt-mt]	_ZN13QListViewItemC1EP9QListView7QStringS2_S2_S2_S2_S2_S2_S2_ [qt-mt]

 © 2008 Linux Foundation

ZN13QListViewItemC1EP9QListViewPS [qt-mt]	_ZN13QListViewItemC1EP9QListViewPS_7QStringS3_S3_S3_S3_S3_S3_S3_ [qt-mt]
ZN13QListViewItemC1EPS [qt-mt]	_ZN13QListViewItemC1EPS_7QStringS1_S1_S1_S1_S1_S1_S1_ [qt-mt]
_ZN13QListViewItemC1EPS_S0_ [qt-mt]	_ZN13QListViewItemC1EPS_S0_7QStringS1_S1_S1_S1_S1_S1_S1_ [qt-mt]
_ZN13QListViewItemC2EP9QListView [qt-mt]	_ZN13QListViewItemC2EP9QListView7QStringS2_S2_S2_S2_S2_S2_S2_ [qt-mt]
ZN13QListViewItemC2EP9QListViewPS [qt-mt]	_ZN13QListViewItemC2EP9QListViewPS_7QStringS3_S3_S3_S3_S3_S3_S3_ [qt-mt]
ZN13QListViewItemC2EPS [qt-mt]	_ZN13QListViewItemC2EPS_7QStringS1_S1_S1_S1_S1_S1_S1_ [qt-mt]
_ZN13QListViewItemC2EPS_S0_ [qt-mt]	_ZN13QListViewItemC2EPS_S0_7QStringS1_S1_S1_S1_S1_S1_S1_ [qt-mt]
_ZN13QListViewItemD0Ev [qt-mt]	_ZN13QListViewItemD1Ev [qt-mt]
_ZN13QListViewItemD2Ev [qt-mt]	_ZN13QToolTipGroup10setEnabledEb [qt-mt]
_ZN13QToolTipGroup11qt_propertyEiiP8QVariant [qt-mt]	_ZN13QToolTipGroup16staticMetaObjectEv [qt-mt]
_ZN13QToolTipGroup18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN13QToolTipGroup2trEPKcS1_ [qt-mt]
ZN13QToolTipGroup6trUtf8EPKcS1 [qt-mt]	_ZN13QToolTipGroup7qt_castEPKc [qt-mt]
_ZN13QToolTipGroup7qt_emitEiP8QUObject [qt-mt]	_ZN13QToolTipGroup7showTipERK7QString [qt-mt]
_ZN13QToolTipGroup8setDelayEb [qt-mt]	_ZN13QToolTipGroup9qt_invokeEiP8QUObject [qt-mt]
_ZN13QToolTipGroup9removeTipEv [qt-mt]	_ZN13QToolTipGroupC1EP7QObjectPKc [qt-mt]
_ZN13QToolTipGroupC2EP7QObjectPKc [qt-mt]	_ZN13QToolTipGroupD0Ev [qt-mt]
_ZN13QToolTipGroupD1Ev [qt-mt]	_ZN13QToolTipGroupD2Ev [qt-mt]
_ZN14QCheckListItem10paintFocusEP8QPainterRK11QColorGroupRK5QRect [qt-mt]	_ZN14QCheckListItem11setTristateEb [qt-mt]
_ZN14QCheckListItem11stateChangeENS_11ToggleStateE [qt-mt]	_ZN14QCheckListItem11stateChangeEb [qt-mt]
_ZN14QCheckListItem12restoreStateEPvi [qt-mt]	_ZN14QCheckListItem12turnOffChildEv [qt-mt]
_ZN14QCheckListItem14setStoredSt	_ZN14QCheckListItem15setCurrentS

ateENS_11ToggleStateEPv [qt-mt]	tateENS_11ToggleStateE [qt-mt]
_ZN14QCheckListItem16updateCon trollerEbb [qt-mt]	_ZN14QCheckListItem17updateStor edStateEPv [qt-mt]
_ZN14QCheckListItem4initEv [qt-mt]	_ZN14QCheckListItem5setOnEb [qt-mt]
_ZN14QCheckListItem5setupEv [qt-mt]	_ZN14QCheckListItem8activateEv [qt-mt]
_ZN14QCheckListItem8setStateENS _11ToggleStateE [qt-mt]	_ZN14QCheckListItem8setStateENS _11ToggleStateEbb [qt-mt]
_ZN14QCheckListItem9paintCellEP 8QPainterRK11QColorGroupiii [qt-mt]	_ZN14QCheckListItemC1EP13QList ViewItemRK7QStringNS_4TypeE [qt-mt]
_ZN14QCheckListItemC1EP13QList ViewItemRK7QStringRK7QPixmap [qt-mt]	_ZN14QCheckListItemC1EP13QList ViewItemS1_RK7QStringNS_4TypeE [qt-mt]
_ZN14QCheckListItemC1EP9QListV iewP13QListViewItemRK7QStringN S_4TypeE [qt-mt]	_ZN14QCheckListItemC1EP9QListV iewRK7QStringNS_4TypeE [qt-mt]
_ZN14QCheckListItemC1EP9QListV iewRK7QStringRK7QPixmap [qt-mt]	_ZN14QCheckListItemC1EPS_P13Q ListViewItemRK7QStringNS_4Type E [qt-mt]
_ZN14QCheckListItemC1EPS_RK7Q StringNS_4TypeE [qt-mt]	_ZN14QCheckListItemC2EP13QList ViewItemRK7QStringNS_4TypeE [qt-mt]
_ZN14QCheckListItemC2EP13QList ViewItemRK7QStringRK7QPixmap [qt-mt]	_ZN14QCheckListItemC2EP13QList ViewItemS1_RK7QStringNS_4TypeE [qt-mt]
_ZN14QCheckListItemC2EP9QListV iewP13QListViewItemRK7QStringN S_4TypeE [qt-mt]	_ZN14QCheckListItemC2EP9QListV iewRK7QStringNS_4TypeE [qt-mt]
_ZN14QCheckListItemC2EP9QListV iewRK7QStringRK7QPixmap [qt-mt]	_ZN14QCheckListItemC2EPS_P13Q ListViewItemRK7QStringNS_4Type E [qt-mt]
_ZN14QCheckListItemC2EPS_RK7Q StringNS_4TypeE [qt-mt]	_ZN14QCheckListItemD0Ev [qt-mt]
_ZN14QCheckListItemD1Ev [qt-mt]	_ZN14QCheckListItemD2Ev [qt-mt]
_ZN14QDesktopWidget11insertChil dEP7QObject [qt-mt]	_ZN14QDesktopWidget11qt_proper tyEiiP8QVariant [qt-mt]
_ZN14QDesktopWidget11resizeEve ntEP12QResizeEvent [qt-mt]	_ZN14QDesktopWidget15workArea ResizedEi [qt-mt]
_ZN14QDesktopWidget16staticMeta ObjectEv [qt-mt]	_ZN14QDesktopWidget18qt_static_ propertyEP7QObjectiiP8QVariant [qt-mt]
ZN14QDesktopWidget2trEPKcS1 [qt-mt]	_ZN14QDesktopWidget6screenEi [qt-mt]
_ZN14QDesktopWidget6trUtf8EPKc	_ZN14QDesktopWidget7qt_castEPK

 © 2008 Linux Foundation

S1_ [qt-mt]	c [qt-mt]
_ZN14QDesktopWidget7qt_emitEiP8QUObject [qt-mt]	_ZN14QDesktopWidget7resizedEi [qt-mt]
_ZN14QDesktopWidget9qt_invokeEiP8QUObject [qt-mt]	_ZN14QDesktopWidgetC1Ev [qt-mt]
_ZN14QDesktopWidgetC2Ev [qt-mt]	_ZN14QDesktopWidgetD0Ev [qt-mt]
_ZN14QDesktopWidgetD1Ev [qt-mt]	_ZN14QDesktopWidgetD2Ev [qt-mt]
_ZN14QListBoxPixmap5paintEP8QPainter [qt-mt]	_ZN14QListBoxPixmapC1EP8QListBoxRK7QPixmap [qt-mt]
_ZN14QListBoxPixmapC1EP8QListBoxRK7QPixmapP12QListBoxItem [qt-mt]	_ZN14QListBoxPixmapC1EP8QListBoxRK7QPixmapRK7QString [qt-mt]
_ZN14QListBoxPixmapC1EP8QListBoxRK7QPixmapRK7QStringP12QListBoxItem [qt-mt]	_ZN14QListBoxPixmapC1ERK7QPixmap [qt-mt]
_ZN14QListBoxPixmapC1ERK7QPixmapRK7QString [qt-mt]	_ZN14QListBoxPixmapC2EP8QListBoxRK7QPixmap [qt-mt]
_ZN14QListBoxPixmapC2EP8QListBoxRK7QPixmapP12QListBoxItem [qt-mt]	_ZN14QListBoxPixmapC2EP8QListBoxRK7QPixmapRK7QString [qt-mt]
_ZN14QListBoxPixmapC2EP8QListBoxRK7QPixmapRK7QStringP12QListBoxItem [qt-mt]	_ZN14QListBoxPixmapC2ERK7QPixmap [qt-mt]
_ZN14QListBoxPixmapC2ERK7QPixmapRK7QString [qt-mt]	_ZN14QListBoxPixmapD0Ev [qt-mt]
_ZN14QListBoxPixmapD1Ev [qt-mt]	_ZN14QListBoxPixmapD2Ev [qt-mt]
_ZN14QMultiLineEdit10cursorDownEb [qt-mt]	_ZN14QMultiLineEdit10cursorLeftEbb [qt-mt]
_ZN14QMultiLineEdit10insertLineERK7QStringi [qt-mt]	_ZN14QMultiLineEdit10removeLineEi [qt-mt]
_ZN14QMultiLineEdit11cursorRightEbb [qt-mt]	_ZN14QMultiLineEdit11qt_propertyEiiP8QVariant [qt-mt]
_ZN14QMultiLineEdit12setAlignmentEi [qt-mt]	_ZN14QMultiLineEdit13insertAndMarkERK7QStringb [qt-mt]
_ZN14QMultiLineEdit16staticMetaObjectEv [qt-mt]	_ZN14QMultiLineEdit17cursorWordForwardEb [qt-mt]
_ZN14QMultiLineEdit17setCursorPositionEiib [qt-mt]	_ZN14QMultiLineEdit18cursorWordBackwardEb [qt-mt]
_ZN14QMultiLineEdit18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN14QMultiLineEdit2trEPKcS1_ [qt-mt]
_ZN14QMultiLineEdit3endEb [qt-mt]	_ZN14QMultiLineEdit4homeEb [qt-mt]
_ZN14QMultiLineEdit6pageUpEb	_ZN14QMultiLineEdit6trUtf8EPKcS

[qt-mt]	1_ [qt-mt]
_ZN14QMultiLineEdit7newLineEv [qt-mt]	_ZN14QMultiLineEdit7qt_castEPKc [qt-mt]
_ZN14QMultiLineEdit7qt_emitEiP8QUObject [qt-mt]	_ZN14QMultiLineEdit8cursorUpEb [qt-mt]
_ZN14QMultiLineEdit8insertAtERK7QStringiib [qt-mt]	_ZN14QMultiLineEdit8killLineEv [qt-mt]
_ZN14QMultiLineEdit8pageDownEb [qt-mt]	_ZN14QMultiLineEdit9backspaceEv [qt-mt]
_ZN14QMultiLineEdit9qt_invokeEiP8QUObject [qt-mt]	_ZN14QMultiLineEdit9setEditedEb [qt-mt]
_ZN14QMultiLineEditC1EP7QWidgetPKc [qt-mt]	_ZN14QMultiLineEditC2EP7QWidgetPKc [qt-mt]
_ZN14QMultiLineEditD0Ev [qt-mt]	_ZN14QMultiLineEditD1Ev [qt-mt]
_ZN14QMultiLineEditD2Ev [qt-mt]	_ZN21QListViewItemIterator13addToListViewEv [qt-mt]
_ZN21QListViewItemIterator14currentRemovedEv [qt-mt]	_ZN21QListViewItemIterator4initEi [qt-mt]
_ZN21QListViewItemIteratorC1EP13QListViewItem [qt-mt]	_ZN21QListViewItemIteratorC1EP13QListViewItemi [qt-mt]
_ZN21QListViewItemIteratorC1EP9QListView [qt-mt]	_ZN21QListViewItemIteratorC1EP9QListViewi [qt-mt]
ZN21QListViewItemIteratorC1ERKS [qt-mt]	_ZN21QListViewItemIteratorC1Ev [qt-mt]
_ZN21QListViewItemIteratorC2EP13QListViewItem [qt-mt]	_ZN21QListViewItemIteratorC2EP13QListViewItemi [qt-mt]
_ZN21QListViewItemIteratorC2EP9QListView [qt-mt]	_ZN21QListViewItemIteratorC2EP9QListViewi [qt-mt]
ZN21QListViewItemIteratorC2ERKS [qt-mt]	_ZN21QListViewItemIteratorC2Ev [qt-mt]
_ZN21QListViewItemIteratorD1Ev [qt-mt]	_ZN21QListViewItemIteratorD2Ev [qt-mt]
ZN21QListViewItemIteratoraSERKS [qt-mt]	_ZN21QListViewItemIteratordeEv [qt-mt]
_ZN21QListViewItemIteratormIEi [qt-mt]	_ZN21QListViewItemIteratormmEi [qt-mt]
_ZN21QListViewItemIteratormmEv [qt-mt]	_ZN21QListViewItemIteratorpLEi [qt-mt]
_ZN21QListViewItemIteratorppEi [qt-mt]	_ZN21QListViewItemIteratorppEv [qt-mt]
_ZN4QTab10setIconSetERK8QIconSet [qt-mt]	_ZN4QTab7setTextERK7QString [qt-mt]
_ZN4QTab9setTabBarEP7QTabBar [qt-mt]	_ZN4QTabC1ERK7QString [qt-mt]
_ZN4QTabC1ERK8QIconSetRK7QSt	_ZN4QTabC1Ev [qt-mt]

 © 2008 Linux Foundation

ring [qt-mt]	
_ZN4QTabC2ERK7QString [qt-mt]	_ZN4QTabC2ERK8QIconSetRK7QString [qt-mt]
_ZN4QTabC2Ev [qt-mt]	_ZN4QTabD0Ev [qt-mt]
_ZN4QTabD1Ev [qt-mt]	_ZN4QTabD2Ev [qt-mt]
_ZN5QDial10paintEventEP11QPaintEvent [qt-mt]	_ZN5QDial10wheelEventEP11QWheelEvent [qt-mt]
_ZN5QDial11dialPressedEv [qt-mt]	_ZN5QDial11qt_propertyEiiP8QVariant [qt-mt]
_ZN5QDial11rangeChangeEv [qt-mt]	_ZN5QDial11resizeEventEP12QResizeEvent [qt-mt]
_ZN5QDial11setLineStepEi [qt-mt]	_ZN5QDial11setMaxValueEi [qt-mt]
_ZN5QDial11setMinValueEi [qt-mt]	_ZN5QDial11setPageStepEi [qt-mt]
_ZN5QDial11setTrackingEb [qt-mt]	_ZN5QDial11setWrappingEb [qt-mt]
_ZN5QDial11valueChangeEv [qt-mt]	_ZN5QDial12dialReleasedEv [qt-mt]
_ZN5QDial12focusInEventEP11QFocusEvent [qt-mt]	_ZN5QDial12subtractLineEv [qt-mt]
_ZN5QDial12subtractPageEv [qt-mt]	_ZN5QDial12valueChangedEi [qt-mt]
_ZN5QDial13focusOutEventEP11QFocusEvent [qt-mt]	_ZN5QDial13keyPressEventEP9QKeyEvent [qt-mt]
_ZN5QDial13repaintScreenEPK5QRect [qt-mt]	_ZN5QDial14mouseMoveEventEP11QMouseEvent [qt-mt]
_ZN5QDial14setNotchTargetEd [qt-mt]	_ZN5QDial15mousePressEventEP11QMouseEvent [qt-mt]
_ZN5QDial16staticMetaObjectEv [qt-mt]	_ZN5QDial17mouseReleaseEventEP11QMouseEvent [qt-mt]
_ZN5QDial17setNotchesVisibleEb [qt-mt]	_ZN5QDial18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN5QDial2trEPKcS1 [qt-mt]	_ZN5QDial6trUtf8EPKcS1_ [qt-mt]
_ZN5QDial7addLineEv [qt-mt]	_ZN5QDial7addPageEv [qt-mt]
_ZN5QDial7qt_castEPKc [qt-mt]	_ZN5QDial7qt_emitEiP8QUObject [qt-mt]
_ZN5QDial8setValueEi [qt-mt]	_ZN5QDial9calcLinesEv [qt-mt]
_ZN5QDial9dialMovedEi [qt-mt]	_ZN5QDial9qt_invokeEiP8QUObject [qt-mt]
_ZN5QDialC1EP7QWidgetPKcj [qt-mt]	_ZN5QDialC1EiiiiP7QWidgetPKc [qt-mt]
_ZN5QDialC2EP7QWidgetPKcj [qt-mt]	_ZN5QDialC2EiiiiP7QWidgetPKc [qt-mt]
_ZN5QDialD0Ev [qt-mt]	_ZN5QDialD1Ev [qt-mt]
_ZN5QDialD2Ev [qt-mt]	_ZN6QFrame10paintEventEP11QPaintEvent [qt-mt]

_ZN6QFrame11qt_propertyEiiP8QVariant [qt-mt]	_ZN6QFrame11resizeEventEP12QResizeEvent [qt-mt]
_ZN6QFrame11styleChangeER6QStyle [qt-mt]	_ZN6QFrame12drawContentsEP8QPainter [qt-mt]
_ZN6QFrame12frameChangedEv [qt-mt]	_ZN6QFrame12setFrameRectERK5QRect [qt-mt]
_ZN6QFrame12setLineWidthEi [qt-mt]	_ZN6QFrame13setFrameStyleEi [qt-mt]
_ZN6QFrame15setMidLineWidthEi [qt-mt]	_ZN6QFrame16staticMetaObjectEv [qt-mt]
_ZN6QFrame16updateFrameWidthEb [qt-mt]	_ZN6QFrame18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN6QFrame2trEPKcS1 [qt-mt]	_ZN6QFrame6trUtf8EPKcS1_ [qt-mt]
_ZN6QFrame7qt_castEPKc [qt-mt]	_ZN6QFrame7qt_emitEiP8QUObject [qt-mt]
_ZN6QFrame9drawFrameEP8QPainter [qt-mt]	_ZN6QFrame9qt_invokeEiP8QUObject [qt-mt]
_ZN6QFrame9setMarginEi [qt-mt]	_ZN6QFrameC1EP7QWidgetPKcj [qt-mt]
_ZN6QFrameC2EP7QWidgetPKcj [qt-mt]	_ZN6QLabel10fontChangeERK5QFont [qt-mt]
_ZN6QLabel10setPictureERK8QPicture [qt-mt]	_ZN6QLabel11qt_propertyEiiP8QVariant [qt-mt]
_ZN6QLabel11resizeEventEP12QResizeEvent [qt-mt]	_ZN6QLabel11updateLabelE5QSize [qt-mt]
_ZN6QLabel12drawContentsEP8QPainter [qt-mt]	_ZN6QLabel12movieResizedERK5QSize [qt-mt]
_ZN6QLabel12movieUpdatedERK5QRect [qt-mt]	_ZN6QLabel12setAlignmentEi [qt-mt]
_ZN6QLabel13clearContentsEv [qt-mt]	_ZN6QLabel13setAutoResizeEb [qt-mt]
_ZN6QLabel13setTextFormatEN2Qt10TextFormatE [qt-mt]	_ZN6QLabel15acceleratorSlotEv [qt-mt]
_ZN6QLabel16staticMetaObjectEv [qt-mt]	_ZN6QLabel17setScaledContentsEb [qt-mt]
_ZN6QLabel18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN6QLabel2trEPKcS1_ [qt-mt]
_ZN6QLabel4initEv [qt-mt]	_ZN6QLabel5clearEv [qt-mt]
_ZN6QLabel6setNumEd [qt-mt]	_ZN6QLabel6setNumEi [qt-mt]
ZN6QLabel6trUtf8EPKcS1 [qt-mt]	_ZN6QLabel7qt_castEPKc [qt-mt]
_ZN6QLabel7qt_emitEiP8QUObject [qt-mt]	_ZN6QLabel7setFontERK5QFont [qt-mt]
_ZN6QLabel7setTextERK7QString [qt-mt]	_ZN6QLabel8setBuddyEP7QWidget [qt-mt]

 © 2008 Linux Foundation

_ZN6QLabel8setMovieERK6QMovie [qt-mt]	_ZN6QLabel9buddyDiedEv [qt-mt]
_ZN6QLabel9qt_invokeEiP8QUObject [qt-mt]	_ZN6QLabel9setIndentEi [qt-mt]
_ZN6QLabel9setPixmapERK7QPixmap [qt-mt]	_ZN6QLabelC1EP7QWidgetPKcj [qt-mt]
_ZN6QLabelC1EP7QWidgetRK7QStringS1_PKcj [qt-mt]	_ZN6QLabelC1ERK7QStringP7QWidgetPKcj [qt-mt]
_ZN6QLabelC2EP7QWidgetPKcj [qt-mt]	_ZN6QLabelC2EP7QWidgetRK7QStringS1_PKcj [qt-mt]
_ZN6QLabelC2ERK7QStringP7QWidgetPKcj [qt-mt]	_ZN6QLabelD0Ev [qt-mt]
_ZN6QLabelD1Ev [qt-mt]	_ZN6QLabelD2Ev [qt-mt]
_ZN7QButton10drawButtonEP8QPainter [qt-mt]	_ZN7QButton10ensureDataEv [qt-mt]
_ZN7QButton10paintEventEP11QPaintEvent [qt-mt]	_ZN7QButton11qt_propertyEiiP8QVariant [qt-mt]
_ZN7QButton12animateClickEv [qt-mt]	_ZN7QButton12emulateClickEv [qt-mt]
_ZN7QButton12focusInEventEP11QFocusEvent [qt-mt]	_ZN7QButton12stateChangedEi [qt-mt]
_ZN7QButton13enabledChangeEb [qt-mt]	_ZN7QButton13focusOutEventEP11QFocusEvent [qt-mt]
_ZN7QButton13keyPressEventEP9QKeyEvent [qt-mt]	_ZN7QButton13setAutoRepeatEb [qt-mt]
_ZN7QButton13setAutoResizeEb [qt-mt]	_ZN7QButton13setToggleTypeENS_10ToggleTypeE [qt-mt]
_ZN7QButton14animateTimeoutEv [qt-mt]	_ZN7QButton14mouseMoveEventEP11QMouseEvent [qt-mt]
_ZN7QButton15drawButtonLabelEP8QPainter [qt-mt]	_ZN7QButton15keyReleaseEventEP9QKeyEvent [qt-mt]
_ZN7QButton15mousePressEventEP11QMouseEvent [qt-mt]	_ZN7QButton16staticMetaObjectEv [qt-mt]
_ZN7QButton17autoRepeatTimeoutEv [qt-mt]	_ZN7QButton17mouseReleaseEventEP11QMouseEvent [qt-mt]
_ZN7QButton18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN7QButton2trEPKcS1_ [qt-mt]
_ZN7QButton5timerEv [qt-mt]	_ZN7QButton6toggleEv [qt-mt]
ZN7QButton6trUtf8EPKcS1 [qt-mt]	_ZN7QButton7clickedEv [qt-mt]
_ZN7QButton7pressedEv [qt-mt]	_ZN7QButton7qt_castEPKc [qt-mt]
_ZN7QButton7qt_emitEiP8QUObject [qt-mt]	_ZN7QButton7setDownEb [qt-mt]
_ZN7QButton7setTextERK7QString [qt-mt]	_ZN7QButton7toggledEb [qt-mt]

_ZN7QButton8releasedEv [qt-mt]	_ZN7QButton8setAccelERK12QKeySequence [qt-mt]
_ZN7QButton8setGroupEP12QButtonGroup [qt-mt]	_ZN7QButton8setStateENS_11ToggleStateE [qt-mt]
_ZN7QButton9nextStateEv [qt-mt]	_ZN7QButton9qt_invokeEiP8QUObject [qt-mt]
_ZN7QButton9setPixmapERK7QPixmap [qt-mt]	_ZN7QButtonC1EP7QWidgetPKcj [qt-mt]
_ZN7QButtonC2EP7QWidgetPKcj [qt-mt]	_ZN7QButtonD0Ev [qt-mt]
_ZN7QButtonD1Ev [qt-mt]	_ZN7QButtonD2Ev [qt-mt]
_ZN7QSlider10moveSliderEi [qt-mt]	_ZN7QSlider10paintEventEP11QPaintEvent [qt-mt]
_ZN7QSlider10resetStateEv [qt-mt]	_ZN7QSlider10setPaletteERK8QPalette [qt-mt]
_ZN7QSlider10wheelEventEP11QWheelEvent [qt-mt]	_ZN7QSlider11qt_propertyEiiP8QVariant [qt-mt]
_ZN7QSlider11rangeChangeEv [qt-mt]	_ZN7QSlider11resizeEventEP12QResizeEvent [qt-mt]
_ZN7QSlider11setLineStepEi [qt-mt]	_ZN7QSlider11setMaxValueEi [qt-mt]
_ZN7QSlider11setMinValueEi [qt-mt]	_ZN7QSlider11setPageStepEi [qt-mt]
_ZN7QSlider11setTrackingEb [qt-mt]	_ZN7QSlider11sliderMovedEi [qt-mt]
_ZN7QSlider11styleChangeER6QStyle [qt-mt]	_ZN7QSlider11valueChangeEv [qt-mt]
_ZN7QSlider12focusInEventEP11QFocusEvent [qt-mt]	_ZN7QSlider12setTickmarksENS_11TickSettingE [qt-mt]
_ZN7QSlider12subtractLineEv [qt-mt]	_ZN7QSlider12subtractStepEv [qt-mt]
_ZN7QSlider12valueChangedEi [qt-mt]	_ZN7QSlider13focusOutEventEP11QFocusEvent [qt-mt]
_ZN7QSlider13keyPressEventEP9QKeyEvent [qt-mt]	_ZN7QSlider13repeatTimeoutEv [qt-mt]
_ZN7QSlider13setSizePolicyE11QSizePolicy [qt-mt]	_ZN7QSlider13sliderPressedEv [qt-mt]
_ZN7QSlider14mouseMoveEventEP11QMouseEvent [qt-mt]	_ZN7QSlider14setOrientationEN2Qt11OrientationE [qt-mt]
_ZN7QSlider14sliderReleasedEv [qt-mt]	_ZN7QSlider15mousePressEventEP11QMouseEvent [qt-mt]
_ZN7QSlider15setTickIntervalEi [qt-mt]	_ZN7QSlider16reallyMoveSliderEi [qt-mt]
_ZN7QSlider16staticMetaObjectEv [qt-mt]	_ZN7QSlider17mouseReleaseEventEP11QMouseEvent [qt-mt]

 © 2008 Linux Foundation

_ZN7QSlider18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN7QSlider2trEPKcS1_ [qt-mt]
_ZN7QSlider4initEv [qt-mt]	_ZN7QSlider6trUtf8EPKcS1_ [qt-mt]
_ZN7QSlider7addLineEv [qt-mt]	_ZN7QSlider7addStepEv [qt-mt]
_ZN7QSlider7qt_castEPKc [qt-mt]	_ZN7QSlider7qt_emitEiP8QUObject [qt-mt]
_ZN7QSlider8setValueEi [qt-mt]	_ZN7QSlider9initTicksEv [qt-mt]
_ZN7QSlider9qt_invokeEiP8QUObject [qt-mt]	_ZN7QSliderC1EN2Qt11OrientationEP7QWidgetPKc [qt-mt]
_ZN7QSliderC1EP7QWidgetPKc [qt-mt]	_ZN7QSliderC1EiiiiN2Qt11OrientationEP7QWidgetPKc [qt-mt]
_ZN7QSliderC2EN2Qt11OrientationEP7QWidgetPKc [qt-mt]	_ZN7QSliderC2EP7QWidgetPKc [qt-mt]
_ZN7QSliderC2EiiiiN2Qt11OrientationEP7QWidgetPKc [qt-mt]	_ZN7QSliderD0Ev [qt-mt]
_ZN7QSliderD1Ev [qt-mt]	_ZN7QSliderD2Ev [qt-mt]
_ZN7QTabBar10fontChangeERK5QFont [qt-mt]	_ZN7QTabBar10layoutTabsEv [qt-mt]
_ZN7QTabBar10paintEventEP11QPaintEvent [qt-mt]	_ZN7QTabBar10scrollTabsEv [qt-mt]
_ZN7QTabBar10setToolTipEiRK7QString [qt-mt]	_ZN7QTabBar11makeVisibleEP4QTab [qt-mt]
_ZN7QTabBar11qt_propertyEiiP8QVariant [qt-mt]	_ZN7QTabBar11resizeEventEP12QResizeEvent [qt-mt]
_ZN7QTabBar11styleChangeER6QStyle [qt-mt]	_ZN7QTabBar12focusInEventEP11QFocusEvent [qt-mt]
_ZN7QTabBar13focusOutEventEP11QFocusEvent [qt-mt]	_ZN7QTabBar13keyPressEventEP9QKeyEvent [qt-mt]
_ZN7QTabBar13layoutChangedEv [qt-mt]	_ZN7QTabBar13removeToolTipEi [qt-mt]
_ZN7QTabBar13setCurrentTabEP4QTab [qt-mt]	_ZN7QTabBar13setCurrentTabEi [qt-mt]
_ZN7QTabBar13setTabEnabledEib [qt-mt]	_ZN7QTabBar14mouseMoveEventEP11QMouseEvent [qt-mt]
_ZN7QTabBar15mousePressEventEP11QMouseEvent [qt-mt]	_ZN7QTabBar16staticMetaObjectEv [qt-mt]
_ZN7QTabBar17mouseReleaseEventEP11QMouseEvent [qt-mt]	_ZN7QTabBar18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN7QTabBar18updateArrowButtonsEv [qt-mt]	_ZN7QTabBar2trEPKcS1_ [qt-mt]
_ZN7QTabBar4showEv [qt-mt]	_ZN7QTabBar5eventEP6QEvent [qt-mt]
_ZN7QTabBar6addTabEP4QTab [qt-mt]	_ZN7QTabBar6trUtf8EPKcS1_ [qt-mt]
_ZN7QTabBar7qt_castEPKc [qt-mt]	_ZN7QTabBar7qt_emitEiP8QUObjec

	t [qt-mt]
_ZN7QTabBar7tabListEv [qt-mt]	_ZN7QTabBar8selectedEi [qt-mt]
_ZN7QTabBar8setShapeENS_5ShapeE [qt-mt]	_ZN7QTabBar9insertTabEP4QTabi [qt-mt]
_ZN7QTabBar9qt_invokeEiP8QUObject [qt-mt]	_ZN7QTabBar9removeTabEP4QTab [qt-mt]
_ZN7QTabBarC1EP7QWidgetPKc [qt-mt]	_ZN7QTabBarC2EP7QWidgetPKc [qt-mt]
_ZN7QTabBarD0Ev [qt-mt]	_ZN7QTabBarD1Ev [qt-mt]
_ZN7QTabBarD2Ev [qt-mt]	_ZN7QWidget10adjustSizeEv [qt-mt]
_ZN7QWidget10clearFocusEv [qt-mt]	_ZN7QWidget10closeEventEP11QCloseEvent [qt-mt]
_ZN7QWidget10enterEventEP6QEvent [qt-mt]	_ZN7QWidget10fontChangeERK5QFont [qt-mt]
_ZN7QWidget10hideWindowEv [qt-mt]	_ZN7QWidget10imEndEventEP8QIMEvent [qt-mt]
_ZN7QWidget10leaveEventEP6QEvent [qt-mt]	_ZN7QWidget10paintEventEP11QPaintEvent [qt-mt]
_ZN7QWidget10setCaptionERK7QString [qt-mt]	_ZN7QWidget10setEnabledEb [qt-mt]
_ZN7QWidget10setFontSysEP5QFont [qt-mt]	_ZN7QWidget10setPaletteERK8QPalette [qt-mt]
_ZN7QWidget10showNormalEv [qt-mt]	_ZN7QWidget10showWindowEv [qt-mt]
ZN7QWidget10stackUnderEPS [qt-mt]	_ZN7QWidget10updateMaskEv [qt-mt]
_ZN7QWidget10wheelEventEP11QWheelEvent [qt-mt]	_ZN7QWidget11createExtraEv [qt-mt]
_ZN7QWidget11deleteExtraEv [qt-mt]	_ZN7QWidget11qt_propertyEiiP8QVariant [qt-mt]
_ZN7QWidget11reparentSysEPS_jRK6QPointb [qt-mt]	_ZN7QWidget11resizeEventEP12QResizeEvent [qt-mt]
_ZN7QWidget11setAutoMaskEb [qt-mt]	_ZN7QWidget11setBaseSizeEii [qt-mt]
_ZN7QWidget11setDisabledEb [qt-mt]	_ZN7QWidget11setGeometryEiiii [qt-mt]
_ZN7QWidget11setIconTextERK7QString [qt-mt]	_ZN7QWidget11setTabOrderEPS_S0_ [qt-mt]
_ZN7QWidget11styleChangeER6QStyle [qt-mt]	_ZN7QWidget11tabletEventEP12QTabletEvent [qt-mt]
_ZN7QWidget11unsetCursorEv [qt-mt]	_ZN7QWidget12createMapperEv [qt-mt]
_ZN7QWidget12focusInEventEP11QFocusEvent [qt-mt]	_ZN7QWidget12grabKeyboardEv [qt-mt]

 © 2008 Linux Foundation

_ZN7QWidget12hideChildrenEb [qt-mt]	_ZN7QWidget12imStartEventEP8QIMEvent [qt-mt]
_ZN7QWidget12mouseGrabberEv [qt-mt]	_ZN7QWidget12releaseMouseEv [qt-mt]
_ZN7QWidget12setFixedSizeERK5QSize [qt-mt]	_ZN7QWidget12setFixedSizeEii [qt-mt]
_ZN7QWidget12showChildrenEb [qt-mt]	_ZN7QWidget12unsetPaletteEv [qt-mt]
_ZN7QWidget13createTLExtraEv [qt-mt]	_ZN7QWidget13destroyMapperEv [qt-mt]
_ZN7QWidget13dragMoveEventEP14QDragMoveEvent [qt-mt]	_ZN7QWidget13enabledChangeEb [qt-mt]
_ZN7QWidget13focusOutEventEP11QFocusEvent [qt-mt]	_ZN7QWidget13keyPressEventEP9QKeyEvent [qt-mt]
_ZN7QWidget13paletteChangeERK8QPalette [qt-mt]	_ZN7QWidget13setEraseColorERK6QColor [qt-mt]
_ZN7QWidget13setFixedWidthEi [qt-mt]	_ZN7QWidget13setFocusProxyEPS_ [qt-mt]
_ZN7QWidget13setSizePolicyE11QSizePolicy [qt-mt]	_ZN7QWidget13showMaximizedEv [qt-mt]
_ZN7QWidget13showMinimizedEv [qt-mt]	_ZN7QWidget14createSysExtraEv [qt-mt]
_ZN7QWidget14deleteSysExtraEv [qt-mt]	_ZN7QWidget14dragEnterEventEP15QDragEnterEvent [qt-mt]
_ZN7QWidget14dragLeaveEventEP15QDragLeaveEvent [qt-mt]	_ZN7QWidget14imComposeEventEP8QIMEvent [qt-mt]
_ZN7QWidget14mouseMoveEventEP11QMouseEvent [qt-mt]	_ZN7QWidget14setAcceptDropsEb [qt-mt]
_ZN7QWidget14setErasePixmapERK7QPixmap [qt-mt]	_ZN7QWidget14setFixedHeightEi [qt-mt]
_ZN7QWidget14setFocusPolicyENS_11FocusPolicyE [qt-mt]	_ZN7QWidget14setMaximumSizeEii [qt-mt]
_ZN7QWidget14setMinimumSizeEii [qt-mt]	_ZN7QWidget14setWindowStateEj [qt-mt]
_ZN7QWidget14showFullScreenEv [qt-mt]	_ZN7QWidget14updateGeometryEv [qt-mt]
_ZN7QWidget15keyReleaseEventEP9QKeyEvent [qt-mt]	_ZN7QWidget15keyboardGrabberEv [qt-mt]
_ZN7QWidget15mousePressEventEP11QMouseEvent [qt-mt]	_ZN7QWidget15releaseKeyboardEv [qt-mt]
_ZN7QWidget15setActiveWindowEv [qt-mt]	_ZN7QWidget15setMaximumWidthEi [qt-mt]
_ZN7QWidget15setMinimumWidthEi [qt-mt]	_ZN7QWidget16checkChildrenDndEv [qt-mt]
_ZN7QWidget16contextMenuEventEP17QContextMenuEvent [qt-mt]	_ZN7QWidget16createTLSysExtraEv [qt-mt]

_ZN7QWidget16deleteTLSysExtraEv [qt-mt]	_ZN7QWidget16setMaximumHeight Ei [qt-mt]
_ZN7QWidget16setMinimumHeight Ei [qt-mt]	_ZN7QWidget16setMouseTrackingE b [qt-mt]
_ZN7QWidget16setSizeIncrementEii [qt-mt]	_ZN7QWidget16setWindowOpacity Ed [qt-mt]
_ZN7QWidget16staticMetaObjectEv [qt-mt]	_ZN7QWidget17focusInputContextE v [qt-mt]
_ZN7QWidget17mouseReleaseEvent EP11QMouseEvent [qt-mt]	_ZN7QWidget17resetInputContextE v [qt-mt]
_ZN7QWidget17setBackgroundMod eEN2Qt14BackgroundModeE [qt-mt]	_ZN7QWidget17setBackgroundMod eEN2Qt14BackgroundModeES1_ [qt-mt]
_ZN7QWidget17setKeyCompression Eb [qt-mt]	_ZN7QWidget17setMicroFocusHint EiiiibP5QFont [qt-mt]
_ZN7QWidget17setUpdatesEnabled Eb [qt-mt]	_ZN7QWidget18createInputContext Ev [qt-mt]
_ZN7QWidget18focusNextPrevChil dEb [qt-mt]	_ZN7QWidget18qt_static_propertyE P7QObjectiiP8QVariant [qt-mt]
_ZN7QWidget18setBackgroundColo rERK6QColor [qt-mt]	_ZN7QWidget18setBackgroundEmp tyEv [qt-mt]
_ZN7QWidget19destroyInputConte xtEv [qt-mt]	_ZN7QWidget19focusProxyDestroy edEv [qt-mt]
_ZN7QWidget19internalSetGeometr yEiiiib [qt-mt]	_ZN7QWidget19setBackgroundOrig inENS_16BackgroundOriginE [qt-mt]
_ZN7QWidget19setBackgroundPixm apERK7QPixmap [qt-mt]	_ZN7QWidget20reparentFocusWidg etsEPS_ [qt-mt]
_ZN7QWidget21mouseDoubleClick EventEP11QMouseEvent [qt-mt]	_ZN7QWidget21setBackgroundFro mModeEv [qt-mt]
_ZN7QWidget21setInputMethodEna bledEb [qt-mt]	_ZN7QWidget22windowActivation ChangeEb [qt-mt]
_ZN7QWidget23deactivateWidgetCl eanupEv [qt-mt]	_ZN7QWidget23setBackgroundMod eDirectEN2Qt14BackgroundModeE [qt-mt]
_ZN7QWidget24setBackgroundColo rDirectERK6QColor [qt-mt]	_ZN7QWidget24setBackgroundX11 RelativeEv [qt-mt]
_ZN7QWidget25setBackgroundPixm apDirectERK7QPixmap [qt-mt]	_ZN7QWidget25setPaletteBackgrou ndColorERK6QColor [qt-mt]
_ZN7QWidget25setPaletteForegroun dColorERK6QColor [qt-mt]	_ZN7QWidget26setPaletteBackgrou ndPixmapERK7QPixmap [qt-mt]
ZN7QWidget2trEPKcS1 [qt-mt]	_ZN7QWidget4findEm [qt-mt]
_ZN7QWidget4hideEv [qt-mt]	_ZN7QWidget4moveEii [qt-mt]
_ZN7QWidget4showEv [qt-mt]	_ZN7QWidget5closeEb [qt-mt]
_ZN7QWidget5eraseERK7QRegion [qt-mt]	_ZN7QWidget5eraseEiiii [qt-mt]

 © 2008 Linux Foundation

_ZN7QWidget5eventEP6QEvent [qt-mt]	_ZN7QWidget5lowerEv [qt-mt]
_ZN7QWidget5raiseEv [qt-mt]	_ZN7QWidget5wListEv [qt-mt]
_ZN7QWidget6createEmbb [qt-mt]	_ZN7QWidget6polishEv [qt-mt]
_ZN7QWidget6resizeEii [qt-mt]	_ZN7QWidget6scrollEii [qt-mt]
_ZN7QWidget6scrollEiiRK5QRect [qt-mt]	_ZN7QWidget6trUtf8EPKcS1_ [qt-mt]
_ZN7QWidget6updateEiiii [qt-mt]	_ZN7QWidget6updateEv [qt-mt]
_ZN7QWidget7destroyEbb [qt-mt]	_ZN7QWidget7qt_castEPKc [qt-mt]
_ZN7QWidget7qt_emitEiP8QUObject [qt-mt]	_ZN7QWidget7repaintERK7QRegionb [qt-mt]
_ZN7QWidget7repaintEb [qt-mt]	_ZN7QWidget7repaintEiiiib [qt-mt]
_ZN7QWidget7setFontERK5QFont [qt-mt]	_ZN7QWidget7setIconERK7QPixmap [qt-mt]
_ZN7QWidget7setMaskERK7QBitmap [qt-mt]	_ZN7QWidget7setMaskERK7QRegion [qt-mt]
_ZN7QWidget7setNameEPKc [qt-mt]	_ZN7QWidget7tlwListEv [qt-mt]
_ZN7QWidget7topDataEv [qt-mt]	_ZN7QWidget8drawTextEiiRK7QString [qt-mt]
_ZN7QWidget8reparentEPS_RK6QPointb [qt-mt]	_ZN7QWidget8reparentEPS_jRK6QPointb [qt-mt]
_ZN7QWidget8setFocusEv [qt-mt]	_ZN7QWidget8setShownEb [qt-mt]
_ZN7QWidget8setStyleEP6QStyle [qt-mt]	_ZN7QWidget8setStyleERK7QString [qt-mt]
_ZN7QWidget8setWinIdEm [qt-mt]	_ZN7QWidget8x11EventEP7_XEvent [qt-mt]
_ZN7QWidget9clearMaskEv [qt-mt]	_ZN7QWidget9dropEventEP10QDropEvent [qt-mt]
_ZN7QWidget9extraDataEv [qt-mt]	_ZN7QWidget9focusDataEb [qt-mt]
_ZN7QWidget9focusDataEv [qt-mt]	_ZN7QWidget9grabMouseERK7QCursor [qt-mt]
_ZN7QWidget9grabMouseEv [qt-mt]	_ZN7QWidget9hideEventEP10QHideEvent [qt-mt]
_ZN7QWidget9moveEventEP10QMoveEvent [qt-mt]	_ZN7QWidget9qt_invokeEiP8QUObject [qt-mt]
_ZN7QWidget9setCursorERK7QCursor [qt-mt]	_ZN7QWidget9setHiddenEb [qt-mt]
_ZN7QWidget9setLayoutEP7QLayout [qt-mt]	_ZN7QWidget9showEventEP10QShowEvent [qt-mt]
_ZN7QWidget9unsetFontEv [qt-mt]	_ZN7QWidgetC1EPS_PKcj [qt-mt]
_ZN7QWidgetC2EPS_PKcj [qt-mt]	_ZN7QWidgetD0Ev [qt-mt]
_ZN7QWidgetD1Ev [qt-mt]	_ZN7QWidgetD2Ev [qt-mt]
_ZN8QListBox10changeItemEPK12	_ZN8QListBox10changeItemERK7Q

QListBoxItemi [qt-mt]	PixmapRK7QStringi [qt-mt]
_ZN8QListBox10changeItemERK7QPixmapi [qt-mt]	_ZN8QListBox10changeItemERK7QStringi [qt-mt]
_ZN8QListBox10drawRubberEv [qt-mt]	_ZN8QListBox10insertItemEPK12QListBoxItemS2_ [qt-mt]
_ZN8QListBox10insertItemEPK12QListBoxItemi [qt-mt]	_ZN8QListBox10insertItemERK7QPixmapRK7QStringi [qt-mt]
_ZN8QListBox10insertItemERK7QPixmapi [qt-mt]	_ZN8QListBox10insertItemERK7QStringi [qt-mt]
_ZN8QListBox10onViewportEv [qt-mt]	_ZN8QListBox10removeItemEi [qt-mt]
_ZN8QListBox10setRowModeENS_10LayoutModeE [qt-mt]	_ZN8QListBox10setRowModeEi [qt-mt]
_ZN8QListBox10setTopItemEi [qt-mt]	_ZN8QListBox10updateItemEP12QListBoxItem [qt-mt]
_ZN8QListBox10updateItemEi [qt-mt]	_ZN8QListBox11adjustItemsEv [qt-mt]
_ZN8QListBox11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN8QListBox11highlightedEP12QListBoxItem [qt-mt]
_ZN8QListBox11highlightedERK7QString [qt-mt]	_ZN8QListBox11highlightedEi [qt-mt]
_ZN8QListBox11itemVisibleEPK12QListBoxItem [qt-mt]	_ZN8QListBox11itemVisibleEi [qt-mt]
_ZN8QListBox11qt_propertyEiiP8QVariant [qt-mt]	_ZN8QListBox11refreshSlotEv [qt-mt]
_ZN8QListBox11resizeEventEP12QResizeEvent [qt-mt]	_ZN8QListBox11selectRangeEP12QListBoxItemS1_bbb [qt-mt]
_ZN8QListBox11setSelectedEP12QListBoxItemb [qt-mt]	_ZN8QListBox11setSelectedEib [qt-mt]
_ZN8QListBox12doAutoScrollEv [qt-mt]	_ZN8QListBox12focusInEventEP11QFocusEvent [qt-mt]
_ZN8QListBox13doubleClickedEP12QListBoxItem [qt-mt]	_ZN8QListBox13focusOutEventEP11QFocusEvent [qt-mt]
_ZN8QListBox13insertStrListEPK8QStrListi [qt-mt]	_ZN8QListBox13insertStrListEPPKci i [qt-mt]
_ZN8QListBox13insertStrListERK8QStrListi [qt-mt]	_ZN8QListBox13keyPressEventEP9QKeyEvent [qt-mt]
_ZN8QListBox13returnPressedEP12QListBoxItem [qt-mt]	_ZN8QListBox13setBottomItemEi [qt-mt]
_ZN8QListBox13setColumnModeENS_10LayoutModeE [qt-mt]	_ZN8QListBox13setColumnModeEi [qt-mt]
_ZN8QListBox13triggerUpdateEb [qt-mt]	_ZN8QListBox14clearSelectionEv [qt-mt]
_ZN8QListBox14currentChangedEP12QListBoxItem [qt-mt]	_ZN8QListBox14mouseMoveEventEP11QMouseEvent [qt-mt]

 © 2008 Linux Foundation

_ZN8QListBox14setCurrentItemEP12QListBoxItem [qt-mt]	_ZN8QListBox14setCurrentItemEi [qt-mt]
_ZN8QListBox15invertSelectionEv [qt-mt]	_ZN8QListBox15mousePressEventEP11QMouseEvent [qt-mt]
_ZN8QListBox15updateSelectionEv [qt-mt]	_ZN8QListBox16clearInputStringEv [qt-mt]
_ZN8QListBox16handleItemChangeEP12QListBoxItembb [qt-mt]	_ZN8QListBox16insertStringListERK11QStringListi [qt-mt]
_ZN8QListBox16repaintSelectionEv [qt-mt]	_ZN8QListBox16selectionChangedEP12QListBoxItem [qt-mt]
_ZN8QListBox16selectionChangedEv [qt-mt]	_ZN8QListBox16setSelectionModeEN5_13SelectionModeE [qt-mt]
_ZN8QListBox16setVariableWidthEb [qt-mt]	_ZN8QListBox16staticMetaObjectEv [qt-mt]
ZN8QListBox17doRubberSelectionERK5QRectS2 [qt-mt]	_ZN8QListBox17emitChangedSignalEb [qt-mt]
_ZN8QListBox17mousePressEventExEP11QMouseEvent [qt-mt]	_ZN8QListBox17mouseReleaseEventEP11QMouseEvent [qt-mt]
_ZN8QListBox17setMultiSelectionEb [qt-mt]	_ZN8QListBox17setVariableHeightEb [qt-mt]
_ZN8QListBox17toggleCurrentItemEv [qt-mt]	_ZN8QListBox18mouseButtonClickedEiP12QListBoxItemRK6QPoint [qt-mt]
_ZN8QListBox18mouseButtonPressedEiP12QListBoxItemRK6QPoint [qt-mt]	_ZN8QListBox18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN8QListBox18rightButtonClickedEP12QListBoxItemRK6QPoint [qt-mt]	_ZN8QListBox18rightButtonPressedEP12QListBoxItemRK6QPoint [qt-mt]
_ZN8QListBox18viewportPaintEventEP11QPaintEvent [qt-mt]	_ZN8QListBox20contextMenuRequestedEP12QListBoxItemRK6QPoint [qt-mt]
_ZN8QListBox20ensureCurrentVisibleEv [qt-mt]	_ZN8QListBox21mouseDoubleClickEventEP11QMouseEvent [qt-mt]
_ZN8QListBox22windowActivationChangeEb [qt-mt]	_ZN8QListBox24contentsContextMenuEventEP17QContextMenuEvent [qt-mt]
ZN8QListBox2trEPKcS1 [qt-mt]	_ZN8QListBox4sortEb [qt-mt]
_ZN8QListBox5clearEv [qt-mt]	_ZN8QListBox6inSortEPK12QListBoxItem [qt-mt]
_ZN8QListBox6inSortERK7QString [qt-mt]	_ZN8QListBox6onItemEP12QListBoxItem [qt-mt]
ZN8QListBox6trUtf8EPKcS1 [qt-mt]	_ZN8QListBox7clickedEP12QListBoxItem [qt-mt]
_ZN8QListBox7clickedEP12QListBoxItemRK6QPoint [qt-mt]	_ZN8QListBox7pressedEP12QListBoxItem [qt-mt]

_ZN8QListBox7pressedEP12QListBoxItemRK6QPoint [qt-mt]	_ZN8QListBox7qt_castEPKc [qt-mt]
_ZN8QListBox7qt_emitEiP8QUObject [qt-mt]	_ZN8QListBox7setFontERK5QFont [qt-mt]
_ZN8QListBox8selectedEP12QListBoxItem [qt-mt]	_ZN8QListBox8selectedERK7QString [qt-mt]
_ZN8QListBox8selectedEi [qt-mt]	_ZN8QListBox8takeItemEPK12QListBoxItem [qt-mt]
_ZN8QListBox9paintCellEP8QPainterii [qt-mt]	_ZN8QListBox9qt_invokeEiP8QUObject [qt-mt]
_ZN8QListBox9selectAllEb [qt-mt]	_ZN8QListBox9showEventEP10QShowEvent [qt-mt]
_ZN8QListBoxC1EP7QWidgetPKcj [qt-mt]	_ZN8QListBoxC2EP7QWidgetPKcj [qt-mt]
_ZN8QListBoxD0Ev [qt-mt]	_ZN8QListBoxD1Ev [qt-mt]
_ZN8QListBoxD2Ev [qt-mt]	_ZN8QSpinBox10leaveEventEP6QEvent [qt-mt]
_ZN8QSpinBox10setEnabledEb [qt-mt]	_ZN8QSpinBox10wheelEventEP11QWheelEvent [qt-mt]
_ZN8QSpinBox11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN8QSpinBox11initSpinBoxEv [qt-mt]
_ZN8QSpinBox11qt_propertyEiiP8QVariant [qt-mt]	_ZN8QSpinBox11rangeChangeEv [qt-mt]
_ZN8QSpinBox11resizeEventEP12QResizeEvent [qt-mt]	_ZN8QSpinBox11setLineStepEi [qt-mt]
_ZN8QSpinBox11setMaxValueEi [qt-mt]	_ZN8QSpinBox11setMinValueEi [qt-mt]
_ZN8QSpinBox11setWrappingEb [qt-mt]	_ZN8QSpinBox11styleChangeER6QStyle [qt-mt]
_ZN8QSpinBox11textChangedEv [qt-mt]	_ZN8QSpinBox11valueChangeEv [qt-mt]
_ZN8QSpinBox12setValidatorEPK10QValidator [qt-mt]	_ZN8QSpinBox12valueChangedERK7QString [qt-mt]
_ZN8QSpinBox12valueChangedEi [qt-mt]	_ZN8QSpinBox13interpretTextEv [qt-mt]
_ZN8QSpinBox13updateDisplayEv [qt-mt]	_ZN8QSpinBox14arrangeWidgetsEv [qt-mt]
_ZN8QSpinBox14mapTextToValueEPb [qt-mt]	_ZN8QSpinBox14mapValueToTextEi [qt-mt]
_ZN8QSpinBox16currentValueTextEv [qt-mt]	_ZN8QSpinBox16setButtonSymbolsENS_13ButtonSymbolsE [qt-mt]
_ZN8QSpinBox16staticMetaObjectEv [qt-mt]	_ZN8QSpinBox18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN8QSpinBox19setSpecialValueTextERK7QString [qt-mt]	_ZN8QSpinBox2trEPKcS1_ [qt-mt]

 © 2008 Linux Foundation

_ZN8QSpinBox6stepUpEv [qt-mt]	_ZN8QSpinBox6trUtf8EPKcS1_ [qt-mt]
_ZN8QSpinBox7qt_castEPKc [qt-mt]	_ZN8QSpinBox7qt_emitEiP8QUObject [qt-mt]
_ZN8QSpinBox8setValueEi [qt-mt]	_ZN8QSpinBox8stepDownEv [qt-mt]
_ZN8QSpinBox9qt_invokeEiP8QUObject [qt-mt]	_ZN8QSpinBox9selectAllEv [qt-mt]
_ZN8QSpinBox9setPrefixERK7QString [qt-mt]	_ZN8QSpinBox9setSuffixERK7QString [qt-mt]
_ZN8QSpinBoxC1EP7QWidgetPKc [qt-mt]	_ZN8QSpinBoxC1EiiiP7QWidgetPKc [qt-mt]
_ZN8QSpinBoxC2EP7QWidgetPKc [qt-mt]	_ZN8QSpinBoxC2EiiiP7QWidgetPKc [qt-mt]
_ZN8QSpinBoxD0Ev [qt-mt]	_ZN8QSpinBoxD1Ev [qt-mt]
_ZN8QSpinBoxD2Ev [qt-mt]	_ZN8QToolBox10insertItemEiP7QWidgetRK8QIconSetRK7QString [qt-mt]
_ZN8QToolBox10removeItemEP7QWidget [qt-mt]	_ZN8QToolBox11itemRemovedEi [qt-mt]
_ZN8QToolBox11qt_propertyEiiP8QVariant [qt-mt]	_ZN8QToolBox11styleChangeER6QStyle [qt-mt]
_ZN8QToolBox12frameChangedEv [qt-mt]	_ZN8QToolBox12itemInsertedEi [qt-mt]
_ZN8QToolBox12setItemLabelEiRK7QString [qt-mt]	_ZN8QToolBox13buttonClickedEv [qt-mt]
_ZN8QToolBox13itemDestroyedEP7QObject [qt-mt]	_ZN8QToolBox14currentChangedEi [qt-mt]
_ZN8QToolBox14setCurrentItemEP7QWidget [qt-mt]	_ZN8QToolBox14setItemEnabledEib [qt-mt]
_ZN8QToolBox14setItemIconSetEiRK8QIconSet [qt-mt]	_ZN8QToolBox14setItemToolTipEiRK7QString [qt-mt]
_ZN8QToolBox15setCurrentIndexEi [qt-mt]	_ZN8QToolBox16staticMetaObjectEv [qt-mt]
_ZN8QToolBox18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN8QToolBox2trEPKcS1_ [qt-mt]
ZN8QToolBox6trUtf8EPKcS1 [qt-mt]	_ZN8QToolBox7qt_castEPKc [qt-mt]
_ZN8QToolBox7qt_emitEiP8QUObject [qt-mt]	_ZN8QToolBox8relayoutEv [qt-mt]
_ZN8QToolBox9qt_invokeEiP8QUObject [qt-mt]	_ZN8QToolBox9showEventEP10QShowEvent [qt-mt]
_ZN8QToolBoxC1EP7QWidgetPKcj [qt-mt]	_ZN8QToolBoxC2EP7QWidgetPKcj [qt-mt]
_ZN8QToolBoxD0Ev [qt-mt]	_ZN8QToolBoxD1Ev [qt-mt]

_ZN8QToolBoxD2Ev [qt-mt]	_ZN8QToolTip10setPaletteERK8QPalette [qt-mt]
_ZN8QToolTip14setWakeUpDelayEi [qt-mt]	_ZN8QToolTip17isGloballyEnabledEv [qt-mt]
_ZN8QToolTip18setGloballyEnabledEb [qt-mt]	_ZN8QToolTip3addEP7QWidgetRK5QRectRK7QString [qt-mt]
ZN8QToolTip3addEP7QWidgetRK5QRectRK7QStringP13QToolTipGroupS7 [qt-mt]	_ZN8QToolTip3addEP7QWidgetRK7QString [qt-mt]
ZN8QToolTip3addEP7QWidgetRK7QStringP13QToolTipGroupS4 [qt-mt]	_ZN8QToolTip3tipERK5QRectRK7QString [qt-mt]
ZN8QToolTip3tipERK5QRectRK7QStringS2 [qt-mt]	_ZN8QToolTip3tipERK5QRectRK7QStringS5_ [qt-mt]
_ZN8QToolTip3tipERK5QRectRK7QStringS5_S2_ [qt-mt]	_ZN8QToolTip4fontEv [qt-mt]
_ZN8QToolTip4hideEv [qt-mt]	_ZN8QToolTip5clearEv [qt-mt]
_ZN8QToolTip6removeEP7QWidget [qt-mt]	_ZN8QToolTip6removeEP7QWidgetRK5QRect [qt-mt]
_ZN8QToolTip7paletteEv [qt-mt]	_ZN8QToolTip7setFontERK5QFont [qt-mt]
_ZN8QToolTip7textForEP7QWidgetRK6QPoint [qt-mt]	_ZN8QToolTipC1EP7QWidgetP13QToolTipGroup [qt-mt]
_ZN8QToolTipC2EP7QWidgetP13QToolTipGroup [qt-mt]	_ZN9QCheckBox10drawButtonEP8QPainter [qt-mt]
_ZN9QCheckBox10updateMaskEv [qt-mt]	_ZN9QCheckBox11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QCheckBox11resizeEventEP12QResizeEvent [qt-mt]	_ZN9QCheckBox11setNoChangeEv [qt-mt]
_ZN9QCheckBox11setTristateEb [qt-mt]	_ZN9QCheckBox15drawButtonLabelEP8QPainter [qt-mt]
_ZN9QCheckBox16staticMetaObjectEv [qt-mt]	_ZN9QCheckBox18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN9QCheckBox2trEPKcS1 [qt-mt]	_ZN9QCheckBox6trUtf8EPKcS1_ [qt-mt]
_ZN9QCheckBox7qt_castEPKc [qt-mt]	_ZN9QCheckBox7qt_emitEiP8QUObject [qt-mt]
_ZN9QCheckBox9qt_invokeEiP8QUObject [qt-mt]	_ZN9QCheckBoxC1EP7QWidgetPKc [qt-mt]
_ZN9QCheckBoxC1ERK7QStringP7QWidgetPKc [qt-mt]	_ZN9QCheckBoxC2EP7QWidgetPKc [qt-mt]
_ZN9QCheckBoxC2ERK7QStringP7QWidgetPKc [qt-mt]	_ZN9QComboBox10changeItemERK7QPixmapRK7QStringi [qt-mt]
_ZN9QComboBox10changeItemERK7QPixmapi [qt-mt]	_ZN9QComboBox10changeItemERK7QStringi [qt-mt]
_ZN9QComboBox10insertItemERK7	_ZN9QComboBox10insertItemERK7

© 2008 Linux Foundation

QPixmapRK7QStringi [qt-mt]	QPixmapi [qt-mt]
_ZN9QComboBox10insertItemERK7QStringi [qt-mt]	_ZN9QComboBox10paintEventEP11QPaintEvent [qt-mt]
_ZN9QComboBox10removeItemEi [qt-mt]	_ZN9QComboBox10setEnabledEb [qt-mt]
_ZN9QComboBox10setListBoxEP8QListBox [qt-mt]	_ZN9QComboBox10setPaletteERK8QPalette [qt-mt]
_ZN9QComboBox10updateMaskEv [qt-mt]	_ZN9QComboBox10wheelEventEP11QWheelEvent [qt-mt]
_ZN9QComboBox11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN9QComboBox11highlightedERK7QString [qt-mt]
_ZN9QComboBox11highlightedEi [qt-mt]	_ZN9QComboBox11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QComboBox11resizeEventEP12QResizeEvent [qt-mt]	_ZN9QComboBox11setEditTextERK7QString [qt-mt]
_ZN9QComboBox11setEditableEb [qt-mt]	_ZN9QComboBox11setLineEditEP9QLineEdit [qt-mt]
_ZN9QComboBox11setMaxCountEi [qt-mt]	_ZN9QComboBox11styleChangeER6QStyle [qt-mt]
_ZN9QComboBox11textChangedERK7QString [qt-mt]	_ZN9QComboBox12focusInEventEP11QFocusEvent [qt-mt]
_ZN9QComboBox12setSizeLimitEi [qt-mt]	_ZN9QComboBox12setUpListBoxEv [qt-mt]
_ZN9QComboBox12setValidatorEPK10QValidator [qt-mt]	_ZN9QComboBox13focusOutEventEP11QFocusEvent [qt-mt]
_ZN9QComboBox13insertStrListEPK8QStrListi [qt-mt]	_ZN9QComboBox13insertStrListEPPKcii [qt-mt]
_ZN9QComboBox13insertStrListERK8QStrListi [qt-mt]	_ZN9QComboBox13keyPressEventEP9QKeyEvent [qt-mt]
_ZN9QComboBox13returnPressedEv [qt-mt]	_ZN9QComboBox13setAutoResizeEb [qt-mt]
_ZN9QComboBox13setUpLineEditEv [qt-mt]	_ZN9QComboBox14clearValidatorEv [qt-mt]
_ZN9QComboBox14currentChangedEv [qt-mt]	_ZN9QComboBox14mouseMoveEventEP11QMouseEvent [qt-mt]
_ZN9QComboBox14popDownListBoxEv [qt-mt]	_ZN9QComboBox14setCurrentItemEi [qt-mt]
_ZN9QComboBox14setCurrentTextERK7QString [qt-mt]	_ZN9QComboBox15mousePressEventEP11QMouseEvent [qt-mt]
_ZN9QComboBox16insertStringListERK11QStringListi [qt-mt]	_ZN9QComboBox16internalActivateEi [qt-mt]
_ZN9QComboBox16staticMetaObjectEv [qt-mt]	_ZN9QComboBox17internalHighlightEi [qt-mt]
_ZN9QComboBox17mouseReleaseEventEP11QMouseEvent [qt-mt]	_ZN9QComboBox17setAutoCompletionEb [qt-mt]

_ZN9QComboBox18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN9QComboBox18setInsertionPolicyENS_6PolicyE [qt-mt]
_ZN9QComboBox20internalClickTimeoutEv [qt-mt]	_ZN9QComboBox20setDuplicatesEnabledEb [qt-mt]
_ZN9QComboBox21mouseDoubleClickEventEP11QMouseEvent [qt-mt]	_ZN9QComboBox2trEPKcS1_ [qt-mt]
_ZN9QComboBox4hideEv [qt-mt]	_ZN9QComboBox5clearEv [qt-mt]
_ZN9QComboBox5popupEv [qt-mt]	_ZN9QComboBox6trUtf8EPKcS1_ [qt-mt]
_ZN9QComboBox7qt_castEPKc [qt-mt]	_ZN9QComboBox7qt_emitEiP8QUObject [qt-mt]
_ZN9QComboBox7reIndexEv [qt-mt]	_ZN9QComboBox7setFontERK5QFont [qt-mt]
_ZN9QComboBox9activatedERK7QString [qt-mt]	_ZN9QComboBox9activatedEi [qt-mt]
_ZN9QComboBox9clearEditEv [qt-mt]	_ZN9QComboBox9qt_invokeEiP8QUObject [qt-mt]
_ZN9QComboBoxC1EP7QWidgetPKc [qt-mt]	_ZN9QComboBoxC1EbP7QWidgetPKc [qt-mt]
_ZN9QComboBoxC2EP7QWidgetPKc [qt-mt]	_ZN9QComboBoxC2EbP7QWidgetPKc [qt-mt]
_ZN9QComboBoxD0Ev [qt-mt]	_ZN9QComboBoxD1Ev [qt-mt]
_ZN9QComboBoxD2Ev [qt-mt]	_ZN9QDataView10readFieldsEv [qt-mt]
_ZN9QDataView11clearValuesEv [qt-mt]	_ZN9QDataView11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QDataView11writeFieldsEv [qt-mt]	_ZN9QDataView16staticMetaObjectEv [qt-mt]
_ZN9QDataView18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN9QDataView2trEPKcS1_ [qt-mt]
_ZN9QDataView4formEv [qt-mt]	_ZN9QDataView6recordEv [qt-mt]
ZN9QDataView6trUtf8EPKcS1 [qt-mt]	_ZN9QDataView7qt_castEPKc [qt-mt]
_ZN9QDataView7qt_emitEiP8QUObject [qt-mt]	_ZN9QDataView7refreshEP10QSqlRecord [qt-mt]
_ZN9QDataView7setFormEP8QSqlForm [qt-mt]	_ZN9QDataView9qt_invokeEiP8QUObject [qt-mt]
_ZN9QDataView9setRecordEP10QSqlRecord [qt-mt]	_ZN9QDataViewC1EP7QWidgetPKcj [qt-mt]
_ZN9QDataViewC2EP7QWidgetPKcj [qt-mt]	_ZN9QDataViewD0Ev [qt-mt]
_ZN9QDataViewD1Ev [qt-mt]	_ZN9QDataViewD2Ev [qt-mt]
_ZN9QDockArea10dockWindowEP11QDockWindowPNS_14DockWindowDataE [qt-mt]	_ZN9QDockArea11eventFilterEP7QObjectP6QEvent [qt-mt]

 © 2008 Linux Foundation

_ZN9QDockArea11qt_propertyEiiP8QVariant [qt-mt]	_ZN9QDockArea12updateLayoutEv [qt-mt]
_ZN9QDockArea13hasDockWindowEP11QDockWindowPi [qt-mt]	_ZN9QDockArea14dockWindowDataEP11QDockWindow [qt-mt]
_ZN9QDockArea14findDockWindowEP11QDockWindow [qt-mt]	_ZN9QDockArea14moveDockWindowEP11QDockWindowRK6QPointRK5QRectb [qt-mt]
_ZN9QDockArea14moveDockWindowEP11QDockWindowi [qt-mt]	_ZN9QDockArea14setFixedExtentEiP11QDockWindow [qt-mt]
_ZN9QDockArea16isLastDockWindowEP11QDockWindow [qt-mt]	_ZN9QDockArea16removeDockWindowEP11QDockWindowbbb [qt-mt]
_ZN9QDockArea16staticMetaObjectEv [qt-mt]	_ZN9QDockArea17invalidNextOffsetEP11QDockWindow [qt-mt]
_ZN9QDockArea18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN9QDockArea19setAcceptDockWindowEP11QDockWindowb [qt-mt]
_ZN9QDockArea20invalidateFixedSizesEv [qt-mt]	_ZN9QDockArea20isDockWindowAcceptedEP11QDockWindow [qt-mt]
ZN9QDockArea2trEPKcS1 [qt-mt]	_ZN9QDockArea6lineOfEi [qt-mt]
_ZN9QDockArea6lineUpEb [qt-mt]	_ZN9QDockArea6trUtf8EPKcS1_ [qt-mt]
_ZN9QDockArea7qt_castEPKc [qt-mt]	_ZN9QDockArea7qt_emitEiP8QUObject [qt-mt]
_ZN9QDockArea8maxSpaceEiP11QDockWindow [qt-mt]	_ZN9QDockArea9qt_invokeEiP8QUObject [qt-mt]
_ZN9QDockAreaC1EN2Qt11OrientationENS_14HandlePositionEP7QWidgetPKc [qt-mt]	_ZN9QDockAreaC2EN2Qt11OrientationENS_14HandlePositionEP7QWidgetPKc [qt-mt]
_ZN9QDockAreaD0Ev [qt-mt]	_ZN9QDockAreaD1Ev [qt-mt]
_ZN9QDockAreaD2Ev [qt-mt]	_ZN9QGridView10setNumColsEi [qt-mt]
_ZN9QGridView10setNumRowsEi [qt-mt]	_ZN9QGridView10updateCellEii [qt-mt]
_ZN9QGridView10updateGridEv [qt-mt]	_ZN9QGridView11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QGridView11repaintCellEiib [qt-mt]	_ZN9QGridView12cellGeometryEii [qt-mt]
_ZN9QGridView12drawContentsEP8QPainter [qt-mt]	_ZN9QGridView12drawContentsEP8QPainteriiii [qt-mt]
_ZN9QGridView12setCellWidthEi [qt-mt]	_ZN9QGridView13setCellHeightEi [qt-mt]
_ZN9QGridView14paintEmptyAreaEP8QPainteriiii [qt-mt]	_ZN9QGridView15dimensionChangeEii [qt-mt]
_ZN9QGridView16staticMetaObjectEv [qt-mt]	_ZN9QGridView17ensureCellVisibleEii [qt-mt]
_ZN9QGridView18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN9QGridView2trEPKcS1_ [qt-mt]

ZN9QGridView6trUtf8EPKcS1 [qt-mt]	_ZN9QGridView7qt_castEPKc [qt-mt]
_ZN9QGridView7qt_emitEiP8QUObject [qt-mt]	_ZN9QGridView9qt_invokeEiP8QUObject [qt-mt]
_ZN9QGridViewC1EP7QWidgetPKcj [qt-mt]	_ZN9QGridViewC2EP7QWidgetPKcj [qt-mt]
_ZN9QGridViewD0Ev [qt-mt]	_ZN9QGridViewD1Ev [qt-mt]
_ZN9QGridViewD2Ev [qt-mt]	_ZN9QIconView10dragObjectEv [qt-mt]
_ZN9QIconView10drawRubberEP8QPainter [qt-mt]	_ZN9QIconView10enterEventEP6QEvent [qt-mt]
ZN9QIconView10insertItemEP13QIconViewItemS1 [qt-mt]	_ZN9QIconView10onViewportEv [qt-mt]
_ZN9QIconView10setPaletteERK8QPalette [qt-mt]	_ZN9QIconView10setSortingEbb [qt-mt]
_ZN9QIconView10setSpacingEi [qt-mt]	_ZN9QIconView10slotUpdateEv [qt-mt]
_ZN9QIconView11adjustItemsEv [qt-mt]	_ZN9QIconView11emitRenamedEP13QIconViewItem [qt-mt]
_ZN9QIconView11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN9QIconView11itemRenamedEP13QIconViewItem [qt-mt]
_ZN9QIconView11itemRenamedEP13QIconViewItemRK7QString [qt-mt]	_ZN9QIconView11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QIconView11repaintItemEP13QIconViewItem [qt-mt]	_ZN9QIconView11resizeEventEP12QResizeEvent [qt-mt]
_ZN9QIconView11setSelectedEP13QIconViewItembb [qt-mt]	_ZN9QIconView11styleChangeER6QStyle [qt-mt]
_ZN9QIconView12doAutoScrollEv [qt-mt]	_ZN9QIconView12drawContentsEP8QPainter [qt-mt]
_ZN9QIconView12drawContentsEP8QPainteriiii [qt-mt]	_ZN9QIconView12focusInEventEP11QFocusEvent [qt-mt]
_ZN9QIconView12insertInGridEP13QIconViewItem [qt-mt]	_ZN9QIconView13doubleClickedEP13QIconViewItem [qt-mt]
_ZN9QIconView13focusOutEventEP11QFocusEvent [qt-mt]	_ZN9QIconView13initDragEnterEP10QDropEvent [qt-mt]
_ZN9QIconView13keyPressEventEP9QKeyEvent [qt-mt]	_ZN9QIconView13makeRowLayoutEP13QIconViewItemRiRb [qt-mt]
_ZN9QIconView13movedContentsEii [qt-mt]	_ZN9QIconView13returnPressedEP13QIconViewItem [qt-mt]
_ZN9QIconView13setResizeModeEN5_10ResizeModeE [qt-mt]	_ZN9QIconView14clearSelectionEv [qt-mt]
_ZN9QIconView14currentChangedEP13QIconViewItem [qt-mt]	_ZN9QIconView14drawBackgroundEP8QPainterRK5QRect [qt-mt]
_ZN9QIconView14drawDragShapesERK6QPoint [qt-mt]	_ZN9QIconView14findItemByNameEP13QIconViewItem [qt-mt]

 © 2008 Linux Foundation

_ZN9QIconView14setArrangementENS_11ArrangementE [qt-mt]	_ZN9QIconView14setAutoArrangeEb [qt-mt]
_ZN9QIconView14setContentsPosEii [qt-mt]	_ZN9QIconView14setCurrentItemEP13QIconViewItem [qt-mt]
_ZN9QIconView14setItemTextPosENS_11ItemTextPosE [qt-mt]	_ZN9QIconView14updateContentsEv [qt-mt]
_ZN9QIconView15invertSelectionEv [qt-mt]	_ZN9QIconView15setItemsMovableEb [qt-mt]
_ZN9QIconView15setMaxItemWidthEi [qt-mt]	_ZN9QIconView15setShowToolTipsEb [qt-mt]
_ZN9QIconView16handleItemChangeEP13QIconViewItembbb [qt-mt]	_ZN9QIconView16selectionChangedEP13QIconViewItem [qt-mt]
_ZN9QIconView16selectionChangedEv [qt-mt]	_ZN9QIconView16setSelectionModeENS_13SelectionModeE [qt-mt]
_ZN9QIconView16staticMetaObjectEv [qt-mt]	_ZN9QIconView17contentsDropEventEP10QDropEvent [qt-mt]
_ZN9QIconView17ensureItemVisibleEP13QIconViewItem [qt-mt]	_ZN9QIconView17rebuildContainersEv [qt-mt]
_ZN9QIconView18arrangeItemsInGridERK5QSizeb [qt-mt]	_ZN9QIconView18arrangeItemsInGridEb [qt-mt]
_ZN9QIconView18mouseButtonClickedEiP13QIconViewItemRK6QPoint [qt-mt]	_ZN9QIconView18mouseButtonPressedEiP13QIconViewItemRK6QPoint [qt-mt]
_ZN9QIconView18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN9QIconView18rightButtonClickedEP13QIconViewItemRK6QPoint [qt-mt]
_ZN9QIconView18rightButtonPressedEP13QIconViewItemRK6QPoint [qt-mt]	_ZN9QIconView19appendItemContainerEv [qt-mt]
_ZN9QIconView19setWordWrapIconTextEb [qt-mt]	_ZN9QIconView19updateItemContainerEP13QIconViewItem [qt-mt]
_ZN9QIconView20contextMenuRequestedEP13QIconViewItemRK6QPoint [qt-mt]	_ZN9QIconView20emitSelectionChangedEP13QIconViewItem [qt-mt]
_ZN9QIconView20repaintSelectedItemsEv [qt-mt]	_ZN9QIconView20setMaxItemTextLengthEi [qt-mt]
_ZN9QIconView21contentsDragMoveEventEP14QDragMoveEvent [qt-mt]	_ZN9QIconView21setItemTextBackgroundERK6QBrush [qt-mt]
_ZN9QIconView22contentsDragEnterEventEP15QDragEnterEvent [qt-mt]	_ZN9QIconView22contentsDragLeaveEventEP15QDragLeaveEvent [qt-mt]
_ZN9QIconView22contentsMouseMoveEventEP11QMouseEvent [qt-mt]	_ZN9QIconView22windowActivationChangeEb [qt-mt]
_ZN9QIconView23contentsMousePressEventEP11QMouseEvent [qt-mt]	_ZN9QIconView24contentsContextMenuEventEP17QContextMenuEve

	nt [qt-mt]
_ZN9QIconView25contentsMousePressEventExEP11QMouseEvent [qt-mt]	_ZN9QIconView25contentsMouseReleaseEventEP11QMouseEvent [qt-mt]
_ZN9QIconView29contentsMouseDoubleClickEventEP11QMouseEvent [qt-mt]	_ZN9QIconView2trEPKcS1_ [qt-mt]
_ZN9QIconView4sortEb [qt-mt]	_ZN9QIconView5clearEv [qt-mt]
_ZN9QIconView5movedEv [qt-mt]	_ZN9QIconView6onItemEP13QIconViewItem [qt-mt]
ZN9QIconView6trUtf8EPKcS1 [qt-mt]	_ZN9QIconView7clickedEP13QIconViewItem [qt-mt]
_ZN9QIconView7clickedEP13QIconViewItemRK6QPoint [qt-mt]	_ZN9QIconView7droppedEP10QDropEventRK10QValueListI13QIconDragItemE [qt-mt]
_ZN9QIconView7pressedEP13QIconViewItem [qt-mt]	_ZN9QIconView7pressedEP13QIconViewItemRK6QPoint [qt-mt]
_ZN9QIconView7qt_castEPKc [qt-mt]	_ZN9QIconView7qt_emitEiP8QUObject [qt-mt]
_ZN9QIconView7setFontERK5QFont [qt-mt]	_ZN9QIconView8setGridXEi [qt-mt]
_ZN9QIconView8setGridYEi [qt-mt]	_ZN9QIconView8takeItemEP13QIconViewItem [qt-mt]
_ZN9QIconView9qt_invokeEiP8QUObject [qt-mt]	_ZN9QIconView9selectAllEb [qt-mt]
_ZN9QIconView9showEventEP10QShowEvent [qt-mt]	_ZN9QIconView9startDragEv [qt-mt]
_ZN9QIconViewC1EP7QWidgetPKcj [qt-mt]	_ZN9QIconViewC2EP7QWidgetPKcj [qt-mt]
_ZN9QIconViewD0Ev [qt-mt]	_ZN9QIconViewD1Ev [qt-mt]
_ZN9QIconViewD2Ev [qt-mt]	_ZN9QLineEdit10imEndEventEP8QIMEvent [qt-mt]
_ZN9QLineEdit10setPaletteERK8QPalette [qt-mt]	_ZN9QLineEdit11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QLineEdit11resizeEventEP12QResizeEvent [qt-mt]	_ZN9QLineEdit11setEchoModeENS_8EchoModeE [qt-mt]
_ZN9QLineEdit11setReadOnlyEb [qt-mt]	_ZN9QLineEdit11textChangedERK7QString [qt-mt]
_ZN9QLineEdit12drawContentsEP8QPainter [qt-mt]	_ZN9QLineEdit12focusInEventEP11QFocusEvent [qt-mt]
ZN9QLineEdit12getSelectionEPiS0 [qt-mt]	_ZN9QLineEdit12imStartEventEP8QIMEvent [qt-mt]
_ZN9QLineEdit12setAlignmentEi [qt-mt]	_ZN9QLineEdit12setInputMaskERK7QString [qt-mt]
_ZN9QLineEdit12setMaxLengthEi [qt-mt]	_ZN9QLineEdit12setSelectionEii [qt-mt]

© 2008 Linux Foundation

_ZN9QLineEdit12setValidatorEPK10QValidator [qt-mt]	_ZN9QLineEdit13clearModifiedEv [qt-mt]
_ZN9QLineEdit13cursorForwardEbi [qt-mt]	_ZN9QLineEdit13dragMoveEventEP14QDragMoveEvent [qt-mt]
_ZN9QLineEdit13focusOutEventEP11QFocusEvent [qt-mt]	_ZN9QLineEdit13keyPressEventEP9QKeyEvent [qt-mt]
_ZN9QLineEdit13returnPressedEv [qt-mt]	_ZN9QLineEdit14clearValidatorEv [qt-mt]
_ZN9QLineEdit14cursorBackwardEbi [qt-mt]	_ZN9QLineEdit14dragEnterEventEP15QDragEnterEvent [qt-mt]
_ZN9QLineEdit14dragLeaveEventEP15QDragLeaveEvent [qt-mt]	_ZN9QLineEdit14imComposeEventEP8QIMEvent [qt-mt]
_ZN9QLineEdit14mouseMoveEventEP11QMouseEvent [qt-mt]	_ZN9QLineEdit14setDragEnabledEb [qt-mt]
_ZN9QLineEdit14validateAndSetERK7QStringiii [qt-mt]	_ZN9QLineEdit15createPopupMenuEv [qt-mt]
_ZN9QLineEdit15mousePressEventEP11QMouseEvent [qt-mt]	_ZN9QLineEdit15setPasswordCharE5QChar [qt-mt]
_ZN9QLineEdit16clipboardChangedEv [qt-mt]	_ZN9QLineEdit16contextMenuEventEP17QContextMenuEvent [qt-mt]
_ZN9QLineEdit16selectionChangedEv [qt-mt]	_ZN9QLineEdit16staticMetaObjectEv [qt-mt]
_ZN9QLineEdit17cursorWordForwardEb [qt-mt]	_ZN9QLineEdit17mouseReleaseEventEP11QMouseEvent [qt-mt]
_ZN9QLineEdit17setCursorPositionEi [qt-mt]	_ZN9QLineEdit18cursorWordBackwardEb [qt-mt]
_ZN9QLineEdit18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN9QLineEdit21mouseDoubleClickEventEP11QMouseEvent [qt-mt]
_ZN9QLineEdit22windowActivationChangeEb [qt-mt]	_ZN9QLineEdit2trEPKcS1_ [qt-mt]
_ZN9QLineEdit3cutEv [qt-mt]	_ZN9QLineEdit3delEv [qt-mt]
_ZN9QLineEdit3endEb [qt-mt]	_ZN9QLineEdit4homeEb [qt-mt]
_ZN9QLineEdit4redoEv [qt-mt]	_ZN9QLineEdit4undoEv [qt-mt]
_ZN9QLineEdit5clearEv [qt-mt]	_ZN9QLineEdit5eventEP6QEvent [qt-mt]
_ZN9QLineEdit5pasteEv [qt-mt]	_ZN9QLineEdit6insertERK7QString [qt-mt]
ZN9QLineEdit6trUtf8EPKcS1 [qt-mt]	_ZN9QLineEdit7qt_castEPKc [qt-mt]
_ZN9QLineEdit7qt_emitEiP8QUObject [qt-mt]	_ZN9QLineEdit7setFontERK5QFont [qt-mt]
_ZN9QLineEdit7setTextERK7QString [qt-mt]	_ZN9QLineEdit8deselectEv [qt-mt]
_ZN9QLineEdit8setFrameEb [qt-mt]	_ZN9QLineEdit9backspaceEv [qt-mt]

_ZN9QLineEdit9dropEventEP10QDropEvent [qt-mt]	_ZN9QLineEdit9lostFocusEv [qt-mt]
_ZN9QLineEdit9qt_invokeEiP8QUObject [qt-mt]	_ZN9QLineEdit9selectAllEv [qt-mt]
_ZN9QLineEdit9setEditedEb [qt-mt]	_ZN9QLineEditC1EP7QWidgetPKc [qt-mt]
_ZN9QLineEditC1ERK7QStringP7QWidgetPKc [qt-mt]	_ZN9QLineEditC1ERK7QStringS2_P7QWidgetPKc [qt-mt]
_ZN9QLineEditC2EP7QWidgetPKc [qt-mt]	_ZN9QLineEditC2ERK7QStringP7QWidgetPKc [qt-mt]
_ZN9QLineEditC2ERK7QStringS2_P7QWidgetPKc [qt-mt]	_ZN9QLineEditD0Ev [qt-mt]
_ZN9QLineEditD1Ev [qt-mt]	_ZN9QLineEditD2Ev [qt-mt]
_ZN9QListView10clearRangeEP13QListViewItemS1_b [qt-mt]	_ZN9QListView10dragObjectEv [qt-mt]
_ZN9QListView10hideColumnEi [qt-mt]	_ZN9QListView10insertItemEP13QListViewItem [qt-mt]
_ZN9QListView10onViewportEv [qt-mt]	_ZN9QListView10setPaletteERK8QPalette [qt-mt]
_ZN9QListView10setSortingEib [qt-mt]	_ZN9QListView11eventFilterEP7QObjectP6QEvent [qt-mt]
_ZN9QListView11itemRenamedEP13QListViewItemi [qt-mt]	_ZN9QListView11itemRenamedEP13QListViewItemiRK7QString [qt-mt]
_ZN9QListView11makeVisibleEv [qt-mt]	_ZN9QListView11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QListView11resizeEventEP12QResizeEvent [qt-mt]	_ZN9QListView11selectRangeEP13QListViewItemS1_S1_ [qt-mt]
_ZN9QListView11selectRangeEP13QListViewItemS1_bbb [qt-mt]	_ZN9QListView11setSelectedEP13QListViewItemb [qt-mt]
_ZN9QListView11startRenameEv [qt-mt]	_ZN9QListView11styleChangeER6QStyle [qt-mt]
_ZN9QListView12adjustColumnEi [qt-mt]	_ZN9QListView12doAutoScrollERK6QPoint [qt-mt]
_ZN9QListView12doAutoScrollEv [qt-mt]	_ZN9QListView12focusInEventEP11QFocusEvent [qt-mt]
_ZN9QListView12removeColumnEi [qt-mt]	_ZN9QListView12setSortOrderEN2Qt9SortOrderE [qt-mt]
_ZN9QListView12spacePressedEP13QListViewItem [qt-mt]	_ZN9QListView12widthChangedEPK13QListViewItemi [qt-mt]
_ZN9QListView13doubleClickedEP13QListViewItem [qt-mt]	_ZN9QListView13doubleClickedEP13QListViewItemRK6QPointi [qt-mt]
_ZN9QListView13focusOutEventEP11QFocusEvent [qt-mt]	_ZN9QListView13keyPressEventEP9QKeyEvent [qt-mt]
_ZN9QListView13openFocusItemEv [qt-mt]	_ZN9QListView13returnPressedEP13QListViewItem [qt-mt]

 © 2008 Linux Foundation

_ZN9QListView13setColumnTextEiRK7QString [qt-mt]	_ZN9QListView13setColumnTextEiRK8QIconSetRK7QString [qt-mt]
_ZN9QListView13setItemMarginEi [qt-mt]	_ZN9QListView13setResizeModeENS_10ResizeModeE [qt-mt]
_ZN9QListView13setSortColumnEi [qt-mt]	_ZN9QListView13triggerUpdateEv [qt-mt]
_ZN9QListView14clearSelectionEv [qt-mt]	_ZN9QListView14currentChangedEP13QListViewItem [qt-mt]
_ZN9QListView14paintEmptyAreaEP8QPainterRK5QRect [qt-mt]	_ZN9QListView14setColumnWidthEii [qt-mt]
_ZN9QListView14setContentsPosEii [qt-mt]	_ZN9QListView14setCurrentItemEP13QListViewItem [qt-mt]
_ZN9QListView14updateContentsEv [qt-mt]	_ZN9QListView15invertSelectionEv [qt-mt]
_ZN9QListView15setShowToolTipsEb [qt-mt]	_ZN9QListView15setTreeStepSizeEi [qt-mt]
_ZN9QListView16changeSortColumnEi [qt-mt]	_ZN9QListView16handleItemChangeEP13QListViewItembb [qt-mt]
_ZN9QListView16handleSizeChangeEiii [qt-mt]	_ZN9QListView16reconfigureItemsEv [qt-mt]
_ZN9QListView16selectionChangedEP13QListViewItem [qt-mt]	_ZN9QListView16selectionChangedEv [qt-mt]
_ZN9QListView16setSelectionModeENS_13SelectionModeE [qt-mt]	_ZN9QListView16staticMetaObjectEv [qt-mt]
_ZN9QListView16updateDirtyItemsEv [qt-mt]	_ZN9QListView16updateGeometriesEv [qt-mt]
_ZN9QListView17contentsDropEventEP10QDropEvent [qt-mt]	_ZN9QListView17ensureItemVisibleEPK13QListViewItem [qt-mt]
_ZN9QListView17handleIndexChangeEv [qt-mt]	_ZN9QListView17setMultiSelectionEb [qt-mt]
_ZN9QListView18drawContentsOffsetEP8QPainteriiiii [qt-mt]	_ZN9QListView18mouseButtonClickedEiP13QListViewItemRK6QPointi [qt-mt]
_ZN9QListView18mouseButtonPressedEiP13QListViewItemRK6QPointi [qt-mt]	_ZN9QListView18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN9QListView18rightButtonClickedEP13QListViewItemRK6QPointi [qt-mt]	_ZN9QListView18rightButtonPressedEP13QListViewItemRK6QPointi [qt-mt]
_ZN9QListView18setColumnAlignmentEii [qt-mt]	_ZN9QListView18setColumnWidthModeEiNS_9WidthModeE [qt-mt]
_ZN9QListView18setRootIsDecoratedEb [qt-mt]	_ZN9QListView18setSelectionAnchorEP13QListViewItem [qt-mt]
_ZN9QListView19viewportResizeEventEP12QResizeEvent [qt-mt]	_ZN9QListView20contextMenuRequestedEP13QListViewItemRK6QPointi [qt-mt]

_ZN9QListView20setShowSortIndicatorEb [qt-mt]	_ZN9QListView21contentsDragMoveEventEP14QDragMoveEvent [qt-mt]
_ZN9QListView22contentsDragEnterEventEP15QDragEnterEvent [qt-mt]	_ZN9QListView22contentsDragLeaveEventEP15QDragLeaveEvent [qt-mt]
_ZN9QListView22contentsMouseMoveEventEP11QMouseEvent [qt-mt]	_ZN9QListView22setAllColumnsShowFocusEb [qt-mt]
_ZN9QListView22setDefaultRenameActionENS_12RenameActionE [qt-mt]	_ZN9QListView22windowActivationChangeEb [qt-mt]
_ZN9QListView23contentsMousePressEventEP11QMouseEvent [qt-mt]	_ZN9QListView24contentsContextMenuEventEP17QContextMenuEvent [qt-mt]
_ZN9QListView25contentsMousePressEventExEP11QMouseEvent [qt-mt]	_ZN9QListView25contentsMouseReleaseEventEP11QMouseEvent [qt-mt]
_ZN9QListView27contentsMouseReleaseEventExEP11QMouseEvent [qt-mt]	_ZN9QListView29contentsMouseDoubleClickEventEP11QMouseEvent [qt-mt]
ZN9QListView2trEPKcS1 [qt-mt]	_ZN9QListView4initEv [qt-mt]
_ZN9QListView4showEv [qt-mt]	_ZN9QListView4sortEv [qt-mt]
_ZN9QListView5clearEv [qt-mt]	_ZN9QListView6onItemEP13QListViewItem [qt-mt]
ZN9QListView6trUtf8EPKcS1 [qt-mt]	_ZN9QListView7clickedEP13QListViewItem [qt-mt]
_ZN9QListView7clickedEP13QListViewItemRK6QPointi [qt-mt]	_ZN9QListView7droppedEP10QDropEvent [qt-mt]
_ZN9QListView7itemPosEPK13QListViewItem [qt-mt]	_ZN9QListView7pressedEP13QListViewItem [qt-mt]
_ZN9QListView7pressedEP13QListViewItemRK6QPointi [qt-mt]	_ZN9QListView7qt_castEPKc [qt-mt]
_ZN9QListView7qt_emitEiP8QUObject [qt-mt]	_ZN9QListView7setFontERK5QFont [qt-mt]
_ZN9QListView7setOpenEP13QListViewItemb [qt-mt]	_ZN9QListView8expandedEP13QListViewItem [qt-mt]
_ZN9QListView8takeItemEP13QListViewItem [qt-mt]	_ZN9QListView9addColumnERK7QStringi [qt-mt]
_ZN9QListView9addColumnERK8QIconSetRK7QStringi [qt-mt]	_ZN9QListView9collapsedEP13QListViewItem [qt-mt]
_ZN9QListView9qt_invokeEiP8QUObject [qt-mt]	_ZN9QListView9selectAllEb [qt-mt]
_ZN9QListView9showEventEP10QShowEvent [qt-mt]	_ZN9QListView9startDragEv [qt-mt]
_ZN9QListViewC1EP7QWidgetPKcj [qt-mt]	_ZN9QListViewC2EP7QWidgetPKcj [qt-mt]
_ZN9QListViewD0Ev [qt-mt]	_ZN9QListViewD1Ev [qt-mt]

 © 2008 Linux Foundation

_ZN9QListViewD2Ev [qt-mt]	_ZN9QTextEdit10drawCursorEb [qt-mt]
_ZN9QTextEdit10formatMoreEv [qt-mt]	_ZN9QTextEdit10imEndEventEP8QIMEvent [qt-mt]
_ZN9QTextEdit10lineOfCharEii [qt-mt]	_ZN9QTextEdit10moveCursorENS_12CursorActionE [qt-mt]
_ZN9QTextEdit10moveCursorENS_12CursorActionEb [qt-mt]	_ZN9QTextEdit10normalCopyEv [qt-mt]
_ZN9QTextEdit10setEnabledEb [qt-mt]	_ZN9QTextEdit10setPaletteERK8QPalette [qt-mt]
_ZN9QTextEdit11blinkCursorEv [qt-mt]	_ZN9QTextEdit11eventFilterEP7QObjectP6QEvent [qt-mt]
_ZN9QTextEdit11maxLogLinesEv [qt-mt]	_ZN9QTextEdit11optimAppendERK7QString [qt-mt]
_ZN9QTextEdit11optimInsertERK7QStringii [qt-mt]	_ZN9QTextEdit11pickSpecialEP11QMimeSourcebRK6QPoint [qt-mt]
_ZN9QTextEdit11placeCursorERK6QPointP11QTextCursor [qt-mt]	_ZN9QTextEdit11placeCursorERK6QPointP11QTextCursorb [qt-mt]
_ZN9QTextEdit11qt_propertyEiiP8QVariant [qt-mt]	_ZN9QTextEdit11readFormatsER11QTextCursorS1_R11QTextStringb [qt-mt]
_ZN9QTextEdit11resetFormatEv [qt-mt]	_ZN9QTextEdit11resizeEventEP12QResizeEvent [qt-mt]
_ZN9QTextEdit11setDocumentEP13QTextDocument [qt-mt]	_ZN9QTextEdit11setModifiedEb [qt-mt]
_ZN9QTextEdit11setModifiedEv [qt-mt]	_ZN9QTextEdit11setReadOnlyEb [qt-mt]
_ZN9QTextEdit11setWordWrapENS_8WordWrapE [qt-mt]	_ZN9QTextEdit11textChangedEv [qt-mt]
_ZN9QTextEdit12drawContentsEP8QPainter [qt-mt]	_ZN9QTextEdit12drawContentsEP8QPainteriiii [qt-mt]
_ZN9QTextEdit12imStartEventEP8QIMEvent [qt-mt]	_ZN9QTextEdit12optimSetTextERK7QString [qt-mt]
_ZN9QTextEdit12pasteSpecialERK6QPoint [qt-mt]	_ZN9QTextEdit12pasteSubTypeERK8QCString [qt-mt]
_ZN9QTextEdit12pasteSubTypeERK8QCStringP11QMimeSource [qt-mt]	_ZN9QTextEdit12setAlignmentEi [qt-mt]
_ZN9QTextEdit12setParagTypeEN15QStyleSheetItem11DisplayModeENS0_9ListStyleE [qt-mt]	_ZN9QTextEdit12setPointSizeEi [qt-mt]
_ZN9QTextEdit12setSelectionEiiiii [qt-mt]	_ZN9QTextEdit12setUnderlineEb [qt-mt]
_ZN9QTextEdit12setUndoDepthEi [qt-mt]	_ZN9QTextEdit12updateCursorERK6QPoint [qt-mt]
_ZN9QTextEdit12updateStylesEv [qt-mt]	_ZN9QTextEdit13clearUndoRedoEv [qt-mt]

_ZN9QTextEdit13copyAvailableEb [qt-mt]	_ZN9QTextEdit13doubleClickedEii [qt-mt]
_ZN9QTextEdit13keyPressEventEP9QKeyEvent [qt-mt]	_ZN9QTextEdit13paintDocumentEbP8QPainteriiii [qt-mt]
_ZN9QTextEdit13redoAvailableEb [qt-mt]	_ZN9QTextEdit13returnPressedEv [qt-mt]
_ZN9QTextEdit13setStyleSheetEP11QStyleSheet [qt-mt]	_ZN9QTextEdit13setTextFormatEN2Qt10TextFormatE [qt-mt]
_ZN9QTextEdit13setWrapPolicyENS_10WrapPolicyE [qt-mt]	_ZN9QTextEdit13undoAvailableEb [qt-mt]
_ZN9QTextEdit14checkOptimModeEv [qt-mt]	_ZN9QTextEdit14imComposeEventEP8QIMEvent [qt-mt]
_ZN9QTextEdit14optimAppendTagEiRK7QString [qt-mt]	_ZN9QTextEdit14optimInsertTagEiiRK7QString [qt-mt]
_ZN9QTextEdit14optimParseTagsEP7QStringii [qt-mt]	_ZN9QTextEdit14optimSelectAllEv [qt-mt]
_ZN9QTextEdit14repaintChangedEv [qt-mt]	_ZN9QTextEdit14scrollToAnchorERK7QString [qt-mt]
_ZN9QTextEdit14scrollToBottomEv [qt-mt]	_ZN9QTextEdit14setMaxLogLinesEi [qt-mt]
_ZN9QTextEdit14sliderReleasedEv [qt-mt]	_ZN9QTextEdit15copyToClipboardEv [qt-mt]
_ZN9QTextEdit15createPopupMenuERK6QPoint [qt-mt]	_ZN9QTextEdit15createPopupMenuEv [qt-mt]
_ZN9QTextEdit15ensureFormattedEP14QTextParagraph [qt-mt]	_ZN9QTextEdit15handleMouseMoveERK6QPoint [qt-mt]
_ZN9QTextEdit15insertParagraphERK7QStringi [qt-mt]	_ZN9QTextEdit15optimCheckLimitERK7QString [qt-mt]
_ZN9QTextEdit15removeParagraphEi [qt-mt]	_ZN9QTextEdit15removeSelectionEi [qt-mt]
_ZN9QTextEdit15setFontInternalERK5QFont [qt-mt]	_ZN9QTextEdit15setTabStopWidthEi [qt-mt]
_ZN9QTextEdit16clipboardChangedEv [qt-mt]	_ZN9QTextEdit16doChangeIntervalEv [qt-mt]
_ZN9QTextEdit16doKeyboardActionENS_14KeyboardActionE [qt-mt]	_ZN9QTextEdit16makeParagVisibleEP14QTextParagraph [qt-mt]
_ZN9QTextEdit16selectionChangedEv [qt-mt]	_ZN9QTextEdit16setLinkUnderlineEb [qt-mt]
_ZN9QTextEdit16staticMetaObjectEv [qt-mt]	_ZN9QTextEdit17checkUndoRedoInfoENS_12UndoRedoInfo4TypeE [qt-mt]
_ZN9QTextEdit17contentsDropEventEP10QDropEvent [qt-mt]	_ZN9QTextEdit17optimDoAutoScrollEv [qt-mt]
_ZN9QTextEdit17optimDrawContentsEP8QPainteriiii [qt-mt]	_ZN9QTextEdit17optimSetSelectionEiiii [qt-mt]
_ZN9QTextEdit17setAutoFormattin	_ZN9QTextEdit17setCursorPosition

 © 2008 Linux Foundation

gEj [qt-mt]	Eii [qt-mt]
_ZN9QTextEdit18contentsWheelEventEP11QWheelEvent [qt-mt]	_ZN9QTextEdit18currentFontChangedERK5QFont [qt-mt]
_ZN9QTextEdit18focusNextPrevChildEb [qt-mt]	_ZN9QTextEdit18getParagraphFormatEiP5QFontP6QColorPNS_17VerticalAlignmentEPiPN15QStyleSheetItem11DisplayModeEPNS7_9ListStyleES6_ [qt-mt]
_ZN9QTextEdit18optimSetTextFormatEP13QTextDocumentP11QTextCursorP11QTextFormatiiPN21QTextEditOptimPrivate3TagE [qt-mt]	_ZN9QTextEdit18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN9QTextEdit18removeSelectedTextEi [qt-mt]	_ZN9QTextEdit18setTabChangesFocusEb [qt-mt]
_ZN9QTextEdit18setUndoRedoEnabledEb [qt-mt]	_ZN9QTextEdit19autoScrollTimerDoneEv [qt-mt]
_ZN9QTextEdit19currentColorChangedERK6QColor [qt-mt]	_ZN9QTextEdit19ensureCursorVisibleEv [qt-mt]
_ZN9QTextEdit19modificationChangedEb [qt-mt]	_ZN9QTextEdit19optimHasBoldMetricsEi [qt-mt]
_ZN9QTextEdit19optimMouseMoveEventEP11QMouseEvent [qt-mt]	_ZN9QTextEdit19updateCurrentFormatEv [qt-mt]
_ZN9QTextEdit19viewportResizeEventEP12QResizeEvent [qt-mt]	_ZN9QTextEdit20documentWidthChangedEi [qt-mt]
_ZN9QTextEdit20optimMousePressEventEP11QMouseEvent [qt-mt]	_ZN9QTextEdit20optimPreviousLeftTagEi [qt-mt]
_ZN9QTextEdit20optimRemoveSelectionEv [qt-mt]	_ZN9QTextEdit20setMimeSourceFactoryEP18QMimeSourceFactory [qt-mt]
_ZN9QTextEdit20setVerticalAlignmentENS_17VerticalAlignmentE [qt-mt]	_ZN9QTextEdit20setWrapColumnOrWidthEi [qt-mt]
_ZN9QTextEdit20updateMicroFocusHintEv [qt-mt]	_ZN9QTextEdit21contentsDragMoveEventEP14QDragMoveEvent [qt-mt]
_ZN9QTextEdit21cursorPositionChangedEP11QTextCursor [qt-mt]	_ZN9QTextEdit21cursorPositionChangedEii [qt-mt]
_ZN9QTextEdit22contentsDragEnterEventEP15QDragEnterEvent [qt-mt]	_ZN9QTextEdit22contentsDragLeaveEventEP15QDragLeaveEvent [qt-mt]
_ZN9QTextEdit22contentsMouseMoveEventEP11QMouseEvent [qt-mt]	_ZN9QTextEdit22handleReadOnlyKeyEventEP9QKeyEvent [qt-mt]
_ZN9QTextEdit22optimMouseReleaseEventEP11QMouseEvent [qt-mt]	_ZN9QTextEdit22setSelectionAttributesEiRK6QColorb [qt-mt]
_ZN9QTextEdit22windowActivationChangeEb [qt-mt]	_ZN9QTextEdit23contentsMousePressEventEP11QMouseEvent [qt-mt]

_ZN9QTextEdit23currentAlignment ChangedEi [qt-mt]	_ZN9QTextEdit24clearParagraphBac kgroundEi [qt-mt]
_ZN9QTextEdit24contentsContextM enuEventEP17QContextMenuEvent [qt-mt]	_ZN9QTextEdit25contentsMouseRel easeEventEP11QMouseEvent [qt-mt]
_ZN9QTextEdit27setParagraphBack groundColorEiRK6QColor [qt-mt]	_ZN9QTextEdit29contentsMouseDo ubleClickEventEP11QMouseEvent [qt-mt]
ZN9QTextEdit2trEPKcS1 [qt-mt]	_ZN9QTextEdit31currentVerticalAli gnmentChangedENS_17VerticalAlig nmentE [qt-mt]
_ZN9QTextEdit3cutEv [qt-mt]	_ZN9QTextEdit3delEv [qt-mt]
_ZN9QTextEdit4copyEv [qt-mt]	_ZN9QTextEdit4findERK7QStringbb bPiS3_ [qt-mt]
_ZN9QTextEdit4initEv [qt-mt]	_ZN9QTextEdit4redoEv [qt-mt]
_ZN9QTextEdit4syncEv [qt-mt]	_ZN9QTextEdit4undoEv [qt-mt]
_ZN9QTextEdit5clearEv [qt-mt]	_ZN9QTextEdit5eventEP6QEvent [qt-mt]
_ZN9QTextEdit5pasteEv [qt-mt]	_ZN9QTextEdit6appendERK7QStrin g [qt-mt]
_ZN9QTextEdit6indentEv [qt-mt]	_ZN9QTextEdit6insertERK7QString bbb [qt-mt]
_ZN9QTextEdit6insertERK7QStringj [qt-mt]	_ZN9QTextEdit6polishEv [qt-mt]
ZN9QTextEdit6trUtf8EPKcS1 [qt-mt]	_ZN9QTextEdit6zoomInEi [qt-mt]
_ZN9QTextEdit6zoomToEi [qt-mt]	_ZN9QTextEdit7clickedEii [qt-mt]
_ZN9QTextEdit7qt_castEPKc [qt-mt]	_ZN9QTextEdit7qt_emitEiP8QUObj ect [qt-mt]
_ZN9QTextEdit7setBoldEb [qt-mt]	_ZN9QTextEdit7setFontERK5QFont [qt-mt]
ZN9QTextEdit7setTextERK7QStrin gS2 [qt-mt]	_ZN9QTextEdit7zoomOutEi [qt-mt]
_ZN9QTextEdit8anchorAtERK6QPoi nt [qt-mt]	_ZN9QTextEdit8anchorAtERK6QPoi ntN2Qt15AnchorAttributeE [qt-mt]
_ZN9QTextEdit8doResizeEv [qt-mt]	_ZN9QTextEdit8insertAtERK7QStri ngii [qt-mt]
_ZN9QTextEdit8setColorERK6QCol or [qt-mt]	_ZN9QTextEdit8setPaperERK6QBru sh [qt-mt]
_ZN9QTextEdit9getFormatEiiP5QFo ntP6QColorPNS_17VerticalAlignme ntE [qt-mt]	_ZN9QTextEdit9optimFindERK7QSt ringbbbPiS3_ [qt-mt]
_ZN9QTextEdit9qt_invokeEiP8QUO bject [qt-mt]	_ZN9QTextEdit9selectAllEb [qt-mt]
_ZN9QTextEdit9setFamilyERK7QStr ing [qt-mt]	_ZN9QTextEdit9setFormatEP11QTe xtFormati [qt-mt]

 © 2008 Linux Foundation

_ZN9QTextEdit9setItalicEb [qt-mt]	_ZN9QTextEdit9startDragEv [qt-mt]
_ZN9QTextEditC1EP7QWidgetPKc [qt-mt]	_ZN9QTextEditC1ERK7QStringS2_P7QWidgetPKc [qt-mt]
_ZN9QTextEditC2EP7QWidgetPKc [qt-mt]	_ZN9QTextEditC2ERK7QStringS2_P7QWidgetPKc [qt-mt]
_ZN9QTextEditD0Ev [qt-mt]	_ZN9QTextEditD1Ev [qt-mt]
_ZN9QTextEditD2Ev [qt-mt]	_ZN9QTextView11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QTextView16staticMetaObjectEv [qt-mt]	_ZN9QTextView18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN9QTextView2trEPKcS1 [qt-mt]	_ZN9QTextView6trUtf8EPKcS1_ [qt-mt]
_ZN9QTextView7qt_castEPKc [qt-mt]	_ZN9QTextView7qt_emitEiP8QUObject [qt-mt]
_ZN9QTextView9qt_invokeEiP8QUObject [qt-mt]	_ZN9QTextViewC1EP7QWidgetPKc [qt-mt]
_ZN9QTextViewC1ERK7QStringS2_P7QWidgetPKc [qt-mt]	_ZN9QTextViewC2EP7QWidgetPKc [qt-mt]
_ZN9QTextViewC2ERK7QStringS2_P7QWidgetPKc [qt-mt]	_ZN9QTextViewD0Ev [qt-mt]
_ZN9QTextViewD1Ev [qt-mt]	_ZN9QTextViewD2Ev [qt-mt]
_ZNK10QLCDNumber12segmentStyleEv [qt-mt]	_ZNK10QLCDNumber13checkOverflowEd [qt-mt]
_ZNK10QLCDNumber13checkOverflowEi [qt-mt]	_ZNK10QLCDNumber4modeEv [qt-mt]
_ZNK10QLCDNumber5valueEv [qt-mt]	_ZNK10QLCDNumber8intValueEv [qt-mt]
_ZNK10QLCDNumber8sizeHintEv [qt-mt]	_ZNK10QLCDNumber9classNameEv [qt-mt]
_ZNK10QScrollBar10sliderRectEv [qt-mt]	_ZNK10QScrollBar12drawControlsEjj [qt-mt]
_ZNK10QScrollBar12drawControlsEjjP8QPainter [qt-mt]	_ZNK10QScrollBar14draggingSliderEv [qt-mt]
_ZNK10QScrollBar21rangeValueToSliderPosEi [qt-mt]	_ZNK10QScrollBar21sliderPosToRangeValueEi [qt-mt]
_ZNK10QScrollBar24calculateValueFromSliderEv [qt-mt]	_ZNK10QScrollBar5valueEv [qt-mt]
_ZNK10QScrollBar8lineStepEv [qt-mt]	_ZNK10QScrollBar8maxValueEv [qt-mt]
_ZNK10QScrollBar8minValueEv [qt-mt]	_ZNK10QScrollBar8pageStepEv [qt-mt]
_ZNK10QScrollBar8sizeHintEv [qt-mt]	_ZNK10QScrollBar9classNameEv [qt-mt]
_ZNK10QTabWidget10tabIconSetEP7QWidget [qt-mt]	_ZNK10QTabWidget10tabToolTipEP7QWidget [qt-mt]

_ZNK10QTabWidget11currentPageEv [qt-mt]	_ZNK10QTabWidget11tabPositionEv [qt-mt]
_ZNK10QTabWidget12cornerWidgetEN2Qt6CornerE [qt-mt]	_ZNK10QTabWidget12isTabEnabledEP7QWidget [qt-mt]
_ZNK10QTabWidget15minimumSizeHintEv [qt-mt]	_ZNK10QTabWidget16currentPageIndexEv [qt-mt]
_ZNK10QTabWidget4pageEi [qt-mt]	_ZNK10QTabWidget5countEv [qt-mt]
_ZNK10QTabWidget5labelEi [qt-mt]	_ZNK10QTabWidget6marginEv [qt-mt]
_ZNK10QTabWidget6tabBarEv [qt-mt]	_ZNK10QTabWidget7indexOfEP7QWidget [qt-mt]
_ZNK10QTabWidget8sizeHintEv [qt-mt]	_ZNK10QTabWidget8tabLabelEP7QWidget [qt-mt]
_ZNK10QTabWidget8tabShapeEv [qt-mt]	_ZNK10QTabWidget9classNameEv [qt-mt]
_ZNK11QDockWindow11fixedExtentEv [qt-mt]	_ZNK11QDockWindow11minimumSizeEv [qt-mt]
_ZNK11QDockWindow11orientationEv [qt-mt]	_ZNK11QDockWindow12opaqueMovingEv [qt-mt]
_ZNK11QDockWindow13isStretchableEv [qt-mt]	_ZNK11QDockWindow14isCloseEnabledEv [qt-mt]
_ZNK11QDockWindow15isMovingEnabledEv [qt-mt]	_ZNK11QDockWindow15isResizeEnabledEv [qt-mt]
_ZNK11QDockWindow15minimumSizeHintEv [qt-mt]	_ZNK11QDockWindow23isVerticallyStretchableEv [qt-mt]
_ZNK11QDockWindow25isHorizontallyStretchableEv [qt-mt]	_ZNK11QDockWindow6offsetEv [qt-mt]
_ZNK11QDockWindow6widgetEv [qt-mt]	_ZNK11QDockWindow7newLineEv [qt-mt]
_ZNK11QDockWindow8sizeHintEv [qt-mt]	_ZNK11QDockWindow9classNameEv [qt-mt]
_ZNK11QDockWindow9closeModeEv [qt-mt]	_ZNK11QMainWindow10bottomDockEv [qt-mt]
_ZNK11QMainWindow11appropriateEP11QDockWindow [qt-mt]	_ZNK11QMainWindow11dockWindowsEN2Qt4DockE [qt-mt]
_ZNK11QMainWindow11dockWindowsEv [qt-mt]	_ZNK11QMainWindow11getLocationEP11QDockWindowRN2Qt4DockERiRbS5_ [qt-mt]
_ZNK11QMainWindow12opaqueMovingEv [qt-mt]	_ZNK11QMainWindow12toolTipGroupEv [qt-mt]
_ZNK11QMainWindow13centralWidgetEv [qt-mt]	_ZNK11QMainWindow13isDockEnabledEN2Qt4DockE [qt-mt]
_ZNK11QMainWindow13isDockEnabledEP11QDockWindowN2Qt4DockE [qt-mt]	_ZNK11QMainWindow13isDockEnabledEP11QDockWindowP9QDockArea [qt-mt]

 © 2008 Linux Foundation

_ZNK11QMainWindow13isDockEnabledEP9QDockArea [qt-mt]	_ZNK11QMainWindow13usesTextLabelEv [qt-mt]
_ZNK11QMainWindow14isCustomizableEv [qt-mt]	_ZNK11QMainWindow14usesBigPixmapsEv [qt-mt]
_ZNK11QMainWindow15minimumSizeHintEv [qt-mt]	_ZNK11QMainWindow17isDockMenuEnabledEv [qt-mt]
_ZNK11QMainWindow18dockWindowsMovableEv [qt-mt]	_ZNK11QMainWindow18rightJustificationEv [qt-mt]
_ZNK11QMainWindow20createDockWindowMenuENS_11DockWindowsE [qt-mt]	_ZNK11QMainWindow7menuBarEv [qt-mt]
_ZNK11QMainWindow7topDockEv [qt-mt]	_ZNK11QMainWindow8leftDockEv [qt-mt]
_ZNK11QMainWindow8sizeHintEv [qt-mt]	_ZNK11QMainWindow8toolBarsEN2Qt4DockE [qt-mt]
_ZNK11QMainWindow9classNameEv [qt-mt]	_ZNK11QMainWindow9rightDockEv [qt-mt]
_ZNK11QMainWindow9statusBarEv [qt-mt]	_ZNK11QPushButton5popupEv [qt-mt]
_ZNK11QPushButton6isFlatEv [qt-mt]	_ZNK11QPushButton7iconSetEv [qt-mt]
_ZNK11QPushButton8sizeHintEv [qt-mt]	_ZNK11QPushButton9classNameEv [qt-mt]
_ZNK11QScrollView10leftMarginEv [qt-mt]	_ZNK11QScrollView11rightMarginEv [qt-mt]
_ZNK11QScrollView12bottomMarginEv [qt-mt]	_ZNK11QScrollView12cornerWidgetEv [qt-mt]
_ZNK11QScrollView12resizePolicyEv [qt-mt]	_ZNK11QScrollView12viewportSizeEii [qt-mt]
_ZNK11QScrollView12visibleWidthEv [qt-mt]	_ZNK11QScrollView13contentsWidthEv [qt-mt]
_ZNK11QScrollView13visibleHeightEv [qt-mt]	_ZNK11QScrollView14cachedSizeHintEv [qt-mt]
_ZNK11QScrollView14contentsHeightEv [qt-mt]	_ZNK11QScrollView14dragAutoScrollEv [qt-mt]
_ZNK11QScrollView14hScrollBarModeEv [qt-mt]	_ZNK11QScrollView14vScrollBarModeEv [qt-mt]
_ZNK11QScrollView15minimumSizeHintEv [qt-mt]	_ZNK11QScrollView17setCachedSizeHintERK5QSize [qt-mt]
_ZNK11QScrollView17verticalScrollBarEv [qt-mt]	_ZNK11QScrollView18contentsToViewportERK6QPoint [qt-mt]
ZNK11QScrollView18contentsToViewportEiiRiS0 [qt-mt]	_ZNK11QScrollView18viewportToContentsERK6QPoint [qt-mt]
ZNK11QScrollView18viewportToContentsEiiRiS0 [qt-mt]	_ZNK11QScrollView19hasStaticBackgroundEv [qt-mt]
_ZNK11QScrollView19horizontalScr	_ZNK11QScrollView7clipperEv [qt-

ollBarEv [qt-mt]	mt]
_ZNK11QScrollView8sizeHintEv [qt-mt]	_ZNK11QScrollView8viewportEv [qt-mt]
_ZNK11QScrollView9classNameEv [qt-mt]	_ZNK11QScrollView9contentsXEv [qt-mt]
_ZNK11QScrollView9contentsYEv [qt-mt]	_ZNK11QScrollView9topMarginEv [qt-mt]
_ZNK11QSpinWidget11isUpEnabled dEv [qt-mt]	_ZNK11QSpinWidget13buttonSymb olsEv [qt-mt]
_ZNK11QSpinWidget13isDownEnab ledEv [qt-mt]	_ZNK11QSpinWidget6upRectEv [qt-mt]
_ZNK11QSpinWidget8downRectEv [qt-mt]	_ZNK11QSpinWidget9classNameEv [qt-mt]
_ZNK11QToolButton10offIconSetEv [qt-mt]	_ZNK11QToolButton10popupDelay Ev [qt-mt]
_ZNK11QToolButton12textPositionE v [qt-mt]	_ZNK11QToolButton15minimumSiz eHintEv [qt-mt]
_ZNK11QToolButton5popupEv [qt-mt]	_ZNK11QToolButton6uses3DEv [qt-mt]
_ZNK11QToolButton7iconSetEb [qt-mt]	_ZNK11QToolButton7iconSetEv [qt-mt]
_ZNK11QToolButton8sizeHintEv [qt-mt]	_ZNK11QToolButton9autoRaiseEv [qt-mt]
_ZNK11QToolButton9classNameEv [qt-mt]	_ZNK11QToolButton9onIconSetEv [qt-mt]
_ZNK12QDataBrowser10isReadOnl yEv [qt-mt]	_ZNK12QDataBrowser12confirmEdi tsEv [qt-mt]
_ZNK12QDataBrowser13confirmDel eteEv [qt-mt]	_ZNK12QDataBrowser13confirmIns ertEv [qt-mt]
_ZNK12QDataBrowser13confirmUp dateEv [qt-mt]	_ZNK12QDataBrowser14confirmCa ncelsEv [qt-mt]
_ZNK12QDataBrowser16boundaryC heckingEv [qt-mt]	_ZNK12QDataBrowser4sortEv [qt-mt]
_ZNK12QDataBrowser6filterEv [qt-mt]	_ZNK12QDataBrowser8autoEditEv [qt-mt]
_ZNK12QDataBrowser9classNameE v [qt-mt]	_ZNK12QDataBrowser9sqlCursorEv [qt-mt]
_ZNK12QListBoxItem12isSelectable Ev [qt-mt]	_ZNK12QListBoxItem4nextEv [qt-mt]
_ZNK12QListBoxItem4prevEv [qt-mt]	_ZNK12QListBoxItem4rttiEv [qt-mt]
_ZNK12QListBoxItem4textEv [qt-mt]	_ZNK12QListBoxItem5widthEPK8Q ListBox [qt-mt]
_ZNK12QListBoxItem6heightEPK8Q ListBox [qt-mt]	_ZNK12QListBoxItem6pixmapEv [qt-mt]

 © 2008 Linux Foundation

_ZNK12QListBoxItem7listBoxEv [qt-mt]	_ZNK12QListBoxItem9isCurrentEv [qt-mt]
_ZNK12QListBoxText4rttiEv [qt-mt]	_ZNK12QListBoxText5widthEPK8QListBox [qt-mt]
_ZNK12QListBoxText6heightEPK8QListBox [qt-mt]	_ZNK12QProgressBar15minimumSizeHintEv [qt-mt]
_ZNK12QProgressBar8sizeHintEv [qt-mt]	_ZNK12QProgressBar9classNameEv [qt-mt]
_ZNK12QRadioButton8sizeHintEv [qt-mt]	_ZNK12QRadioButton9classNameEv [qt-mt]
_ZNK12QRadioButton9hitButtonERK6QPoint [qt-mt]	_ZNK12QTextBrowser6sourceEv [qt-mt]
_ZNK12QTextBrowser9classNameEv [qt-mt]	_ZNK13QIconViewItem10acceptDropEPK11QMimeSource [qt-mt]
_ZNK13QIconViewItem10intersectsERK5QRect [qt-mt]	_ZNK13QIconViewItem10isSelectedEv [qt-mt]
_ZNK13QIconViewItem10pixmapRectEb [qt-mt]	_ZNK13QIconViewItem11dragEnabledEv [qt-mt]
_ZNK13QIconViewItem11dropEnabledEv [qt-mt]	_ZNK13QIconViewItem12isSelectableEv [qt-mt]
_ZNK13QIconViewItem13renameEnabledEv [qt-mt]	_ZNK13QIconViewItem1xEv [qt-mt]
_ZNK13QIconViewItem1yEv [qt-mt]	_ZNK13QIconViewItem3keyEv [qt-mt]
_ZNK13QIconViewItem3posEv [qt-mt]	_ZNK13QIconViewItem4rectEv [qt-mt]
_ZNK13QIconViewItem4rttiEv [qt-mt]	_ZNK13QIconViewItem4sizeEv [qt-mt]
_ZNK13QIconViewItem4textEv [qt-mt]	_ZNK13QIconViewItem5indexEv [qt-mt]
_ZNK13QIconViewItem5widthEv [qt-mt]	_ZNK13QIconViewItem6heightEv [qt-mt]
_ZNK13QIconViewItem6pixmapEv [qt-mt]	_ZNK13QIconViewItem7compareEPS_ [qt-mt]
_ZNK13QIconViewItem7pictureEv [qt-mt]	_ZNK13QIconViewItem8containsERK6QPoint [qt-mt]
_ZNK13QIconViewItem8iconViewEv [qt-mt]	_ZNK13QIconViewItem8nextItemEv [qt-mt]
_ZNK13QIconViewItem8prevItemEv [qt-mt]	_ZNK13QIconViewItem8tempTextEv [qt-mt]
_ZNK13QIconViewItem8textRectEb [qt-mt]	_ZNK13QListViewItem10acceptDropEPK11QMimeSource [qt-mt]
_ZNK13QListViewItem10firstChildEv [qt-mt]	_ZNK13QListViewItem11dragEnabledEv [qt-mt]
_ZNK13QListViewItem11dropEnabledEv [qt-mt]	_ZNK13QListViewItem11totalHeightEv [qt-mt]

_ZNK13QListViewItem12widthChangedEi [qt-mt]	_ZNK13QListViewItem13renameEnabledEi [qt-mt]
_ZNK13QListViewItem16enforceSortOrderEv [qt-mt]	_ZNK13QListViewItem17multiLinesEnabledEv [qt-mt]
_ZNK13QListViewItem3keyEib [qt-mt]	_ZNK13QListViewItem4rttiEv [qt-mt]
_ZNK13QListViewItem4textEi [qt-mt]	_ZNK13QListViewItem5depthEv [qt-mt]
_ZNK13QListViewItem5widthERK12QFontMetricsPK9QListViewi [qt-mt]	_ZNK13QListViewItem6heightEv [qt-mt]
_ZNK13QListViewItem6parentEv [qt-mt]	_ZNK13QListViewItem6pixmapEi [qt-mt]
_ZNK13QListViewItem7compareEPS_ib [qt-mt]	_ZNK13QListViewItem7itemPosEv [qt-mt]
_ZNK13QListViewItem7repaintEv [qt-mt]	_ZNK13QListViewItem8listViewEv [qt-mt]
_ZNK13QListViewItem9isEnabledEv [qt-mt]	_ZNK13QListViewItem9isVisibleEv [qt-mt]
_ZNK13QToolTipGroup5delayEv [qt-mt]	_ZNK13QToolTipGroup7enabledEv [qt-mt]
_ZNK13QToolTipGroup9classNameEv [qt-mt]	_ZNK14QCheckListItem10isTristateEv [qt-mt]
_ZNK14QCheckListItem11storedStateEPv [qt-mt]	_ZNK14QCheckListItem13internalStateEv [qt-mt]
_ZNK14QCheckListItem4rttiEv [qt-mt]	_ZNK14QCheckListItem5stateEv [qt-mt]
_ZNK14QCheckListItem5widthERK12QFontMetricsPK9QListViewi [qt-mt]	_ZNK14QDesktopWidget10numScreensEv [qt-mt]
_ZNK14QDesktopWidget12screenNumberEP7QWidget [qt-mt]	_ZNK14QDesktopWidget12screenNumberERK6QPoint [qt-mt]
_ZNK14QDesktopWidget13primaryScreenEv [qt-mt]	_ZNK14QDesktopWidget14screenGeometryEi [qt-mt]
_ZNK14QDesktopWidget16isVirtualDesktopEv [qt-mt]	_ZNK14QDesktopWidget17availableGeometryEi [qt-mt]
_ZNK14QDesktopWidget9classNameEv [qt-mt]	_ZNK14QListBoxPixmap4rttiEv [qt-mt]
_ZNK14QListBoxPixmap5widthEPK8QListBox [qt-mt]	_ZNK14QListBoxPixmap6heightEPK8QListBox [qt-mt]
_ZNK14QMultiLineEdit10lineLengthEi [qt-mt]	_ZNK14QMultiLineEdit10markedTextEv [qt-mt]
_ZNK14QMultiLineEdit11atBeginningEv [qt-mt]	_ZNK14QMultiLineEdit11cursorPointEv [qt-mt]
_ZNK14QMultiLineEdit13hasMarkedTextEv [qt-mt]	_ZNK14QMultiLineEdit15getMarkedRegionEPiS0_S0_S0_ [qt-mt]

© 2008 Linux Foundation

_ZNK14QMultiLineEdit5atEndEv [qt-mt]	_ZNK14QMultiLineEdit6editedEv [qt-mt]
_ZNK14QMultiLineEdit8numLinesEv [qt-mt]	_ZNK14QMultiLineEdit8textLineEi [qt-mt]
_ZNK14QMultiLineEdit9alignmentEv [qt-mt]	_ZNK14QMultiLineEdit9classNameEv [qt-mt]
_ZNK21QListViewItemIterator12matchesFlagsEPK13QListViewItem [qt-mt]	_ZNK21QListViewItemIterator1dEv [qt-mt]
_ZNK21QListViewItemIterator7currentEv [qt-mt]	_ZNK21QListViewItemIterator9isCheckedEPK13QListViewItem [qt-mt]
_ZNK5QDial11notchTargetEv [qt-mt]	_ZNK5QDial14notchesVisibleEv [qt-mt]
_ZNK5QDial14valueFromPointERK6QPoint [qt-mt]	_ZNK5QDial15calcBigLineSizeEv [qt-mt]
_ZNK5QDial15minimumSizeHintEv [qt-mt]	_ZNK5QDial5angleERK6QPointS2_ [qt-mt]
_ZNK5QDial5valueEv [qt-mt]	_ZNK5QDial8calcDialEv [qt-mt]
_ZNK5QDial8lineStepEv [qt-mt]	_ZNK5QDial8maxValueEv [qt-mt]
_ZNK5QDial8minValueEv [qt-mt]	_ZNK5QDial8pageStepEv [qt-mt]
_ZNK5QDial8sizeHintEv [qt-mt]	_ZNK5QDial8trackingEv [qt-mt]
_ZNK5QDial8wrappingEv [qt-mt]	_ZNK5QDial9calcArrowERd [qt-mt]
_ZNK5QDial9classNameEv [qt-mt]	_ZNK5QDial9notchSizeEv [qt-mt]
_ZNK6QFrame12contentsRectEv [qt-mt]	_ZNK6QFrame8sizeHintEv [qt-mt]
_ZNK6QFrame9classNameEv [qt-mt]	_ZNK6QFrame9frameRectEv [qt-mt]
_ZNK6QLabel10textFormatEv [qt-mt]	_ZNK6QLabel12sizeForWidthEi [qt-mt]
_ZNK6QLabel14heightForWidthEi [qt-mt]	_ZNK6QLabel15minimumSizeHintEv [qt-mt]
_ZNK6QLabel17hasScaledContentsEv [qt-mt]	_ZNK6QLabel5buddyEv [qt-mt]
_ZNK6QLabel5movieEv [qt-mt]	_ZNK6QLabel8sizeHintEv [qt-mt]
_ZNK6QLabel9classNameEv [qt-mt]	_ZNK7QButton17isExclusiveToggleEv [qt-mt]
_ZNK7QButton5accelEv [qt-mt]	_ZNK7QButton5groupEv [qt-mt]
_ZNK7QButton9classNameEv [qt-mt]	_ZNK7QButton9hitButtonERK6QPoint [qt-mt]
_ZNK7QSlider10sizePolicyEv [qt-mt]	_ZNK7QSlider10sliderRectEv [qt-mt]
_ZNK7QSlider15minimumSizeHintEv [qt-mt]	_ZNK7QSlider17positionFromValueEi [qt-mt]
_ZNK7QSlider17valueFromPositionEi [qt-mt]	_ZNK7QSlider5valueEv [qt-mt]

_ZNK7QSlider8goodPartERK6QPoint [qt-mt]	_ZNK7QSlider8lineStepEv [qt-mt]
_ZNK7QSlider8maxValueEv [qt-mt]	_ZNK7QSlider8minValueEv [qt-mt]
_ZNK7QSlider8pageStepEv [qt-mt]	_ZNK7QSlider8sizeHintEv [qt-mt]
_ZNK7QSlider9availableEv [qt-mt]	_ZNK7QSlider9classNameEv [qt-mt]
_ZNK7QTabBar10currentTabEv [qt-mt]	_ZNK7QTabBar10paintLabelEP8QPainterRK5QRectP4QTabb [qt-mt]
_ZNK7QTabBar12isTabEnabledEi [qt-mt]	_ZNK7QTabBar15minimumSizeHintEv [qt-mt]
_ZNK7QTabBar16keyboardFocusTabEv [qt-mt]	_ZNK7QTabBar3tabEi [qt-mt]
_ZNK7QTabBar5countEv [qt-mt]	_ZNK7QTabBar5paintEP8QPainterP4QTabb [qt-mt]
_ZNK7QTabBar5shapeEv [qt-mt]	_ZNK7QTabBar5tabAtEi [qt-mt]
_ZNK7QTabBar7indexOfEi [qt-mt]	_ZNK7QTabBar7toolTipEi [qt-mt]
_ZNK7QTabBar8sizeHintEv [qt-mt]	_ZNK7QTabBar9classNameEv [qt-mt]
_ZNK7QTabBar9selectTabERK6QPoint [qt-mt]	_ZNK7QWidget10clipRegionEv [qt-mt]
_ZNK7QWidget10colorGroupEv [qt-mt]	_ZNK7QWidget10focusProxyEv [qt-mt]
_ZNK7QWidget10sizePolicyEv [qt-mt]	_ZNK7QWidget11acceptDropsEv [qt-mt]
_ZNK7QWidget11erasePixmapEv [qt-mt]	_ZNK7QWidget11focusWidgetEv [qt-mt]
ZNK7QWidget11isEnabledToEPS [qt-mt]	_ZNK7QWidget11isMaximizedEv [qt-mt]
_ZNK7QWidget11isMinimizedEv [qt-mt]	_ZNK7QWidget11isVisibleToEPS_ [qt-mt]
_ZNK7QWidget11mapToGlobalERK6QPoint [qt-mt]	_ZNK7QWidget11mapToParentERK6QPoint [qt-mt]
_ZNK7QWidget11maximumSizeEv [qt-mt]	_ZNK7QWidget11minimumSizeEv [qt-mt]
_ZNK7QWidget11visibleRectEv [qt-mt]	_ZNK7QWidget11windowStateEv [qt-mt]
_ZNK7QWidget12childrenRectEv [qt-mt]	_ZNK7QWidget12isFullScreenEv [qt-mt]
_ZNK7QWidget13frameGeometryEv [qt-mt]	_ZNK7QWidget13mapFromGlobalERK6QPoint [qt-mt]
_ZNK7QWidget13mapFromParentERK6QPoint [qt-mt]	_ZNK7QWidget13sizeIncrementEv [qt-mt]
_ZNK7QWidget13windowOpacityEv [qt-mt]	_ZNK7QWidget14backgroundModeEv [qt-mt]
_ZNK7QWidget14childrenRegionEv [qt-mt]	_ZNK7QWidget14heightForWidthEi [qt-mt]

 © 2008 Linux Foundation

_ZNK7QWidget14isActiveWindowEv [qt-mt]	_ZNK7QWidget14microFocusHintEv [qt-mt]
_ZNK7QWidget14topLevelWidgetEv [qt-mt]	_ZNK7QWidget15backgroundBrushEv [qt-mt]
_ZNK7QWidget15backgroundColorEv [qt-mt]	_ZNK7QWidget15customWhatsThisEv [qt-mt]
_ZNK7QWidget15foregroundColorEv [qt-mt]	_ZNK7QWidget15minimumSizeHintEv [qt-mt]
_ZNK7QWidget16backgroundOffsetEv [qt-mt]	_ZNK7QWidget16backgroundOriginEv [qt-mt]
_ZNK7QWidget16backgroundPixmapEv [qt-mt]	_ZNK7QWidget16updateFrameStrutEv [qt-mt]
_ZNK7QWidget1xEv [qt-mt]	_ZNK7QWidget1yEv [qt-mt]
_ZNK7QWidget22paletteBackgroundColorEv [qt-mt]	_ZNK7QWidget22paletteForegroundColorEv [qt-mt]
_ZNK7QWidget23paletteBackgroundPixmapEv [qt-mt]	_ZNK7QWidget3posEv [qt-mt]
_ZNK7QWidget4iconEv [qt-mt]	_ZNK7QWidget5mapToEPS_RK6QPoint [qt-mt]
_ZNK7QWidget5styleEv [qt-mt]	_ZNK7QWidget6cursorEv [qt-mt]
_ZNK7QWidget6metricEi [qt-mt]	_ZNK7QWidget7captionEv [qt-mt]
_ZNK7QWidget7childAtERK6QPointb [qt-mt]	_ZNK7QWidget7childAtEiib [qt-mt]
_ZNK7QWidget7mapFromEPS_RK6QPoint [qt-mt]	_ZNK7QWidget8autoMaskEv [qt-mt]
_ZNK7QWidget8baseSizeEv [qt-mt]	_ZNK7QWidget8hasFocusEv [qt-mt]
_ZNK7QWidget8iconTextEv [qt-mt]	_ZNK7QWidget8sizeHintEv [qt-mt]
_ZNK7QWidget9classNameEv [qt-mt]	_ZNK7QWidget9frameSizeEv [qt-mt]
_ZNK8QListBox10columnModeEv [qt-mt]	_ZNK8QListBox10currentRowEv [qt-mt]
_ZNK8QListBox10isSelectedEPK12QListBoxItem [qt-mt]	_ZNK8QListBox10isSelectedEi [qt-mt]
_ZNK8QListBox10itemHeightEi [qt-mt]	_ZNK8QListBox10numColumnsEv [qt-mt]
_ZNK8QListBox11currentItemEv [qt-mt]	_ZNK8QListBox11tryGeometryEii [qt-mt]
_ZNK8QListBox12maxItemWidthEv [qt-mt]	_ZNK8QListBox12selectedItemEv [qt-mt]
_ZNK8QListBox13currentColumnEv [qt-mt]	_ZNK8QListBox13selectionModeEv [qt-mt]
_ZNK8QListBox13variableWidthEv [qt-mt]	_ZNK8QListBox14variableHeightEv [qt-mt]
_ZNK8QListBox15minimumSizeHintEv [qt-mt]	_ZNK8QListBox15numItemsVisibleEv [qt-mt]

_ZNK8QListBox16isMultiSelectionEv [qt-mt]	_ZNK8QListBox17isRubberSelectingEv [qt-mt]
_ZNK8QListBox4itemEi [qt-mt]	_ZNK8QListBox4textEi [qt-mt]
_ZNK8QListBox5countEv [qt-mt]	_ZNK8QListBox5indexEPK12QListBoxItem [qt-mt]
_ZNK8QListBox5rowAtEi [qt-mt]	_ZNK8QListBox6itemAtERK6QPoint [qt-mt]
_ZNK8QListBox6pixmapEi [qt-mt]	_ZNK8QListBox7numRowsEv [qt-mt]
_ZNK8QListBox7rowModeEv [qt-mt]	_ZNK8QListBox7topItemEv [qt-mt]
_ZNK8QListBox8columnAtEi [qt-mt]	_ZNK8QListBox8doLayoutEv [qt-mt]
_ZNK8QListBox8findItemERK7QStringj [qt-mt]	_ZNK8QListBox8itemRectEP12QListBoxItem [qt-mt]
_ZNK8QListBox8itemYPosEiPi [qt-mt]	_ZNK8QListBox8sizeHintEv [qt-mt]
_ZNK8QListBox9classNameEv [qt-mt]	_ZNK8QListBox9firstItemEv [qt-mt]
_ZNK8QSpinBox13buttonSymbolsEv [qt-mt]	_ZNK8QSpinBox15minimumSizeHintEv [qt-mt]
_ZNK8QSpinBox16specialValueTextEv [qt-mt]	_ZNK8QSpinBox4textEv [qt-mt]
_ZNK8QSpinBox5valueEv [qt-mt]	_ZNK8QSpinBox6editorEv [qt-mt]
_ZNK8QSpinBox6prefixEv [qt-mt]	_ZNK8QSpinBox6suffixEv [qt-mt]
_ZNK8QSpinBox6upRectEv [qt-mt]	_ZNK8QSpinBox8downRectEv [qt-mt]
_ZNK8QSpinBox8lineStepEv [qt-mt]	_ZNK8QSpinBox8maxValueEv [qt-mt]
_ZNK8QSpinBox8minValueEv [qt-mt]	_ZNK8QSpinBox8sizeHintEv [qt-mt]
_ZNK8QSpinBox8wrappingEv [qt-mt]	_ZNK8QSpinBox9classNameEv [qt-mt]
_ZNK8QSpinBox9cleanTextEv [qt-mt]	_ZNK8QSpinBox9validatorEv [qt-mt]
_ZNK8QToolBox11currentItemEv [qt-mt]	_ZNK8QToolBox11itemIconSetEi [qt-mt]
_ZNK8QToolBox11itemToolTipEi [qt-mt]	_ZNK8QToolBox12currentIndexEv [qt-mt]
_ZNK8QToolBox13isItemEnabledEi [qt-mt]	_ZNK8QToolBox4itemEi [qt-mt]
_ZNK8QToolBox5countEv [qt-mt]	_ZNK8QToolBox7indexOfEP7QWidget [qt-mt]
_ZNK8QToolBox9classNameEv [qt-mt]	_ZNK8QToolBox9itemLabelEi [qt-mt]

 © 2008 Linux Foundation

_ZNK9QCheckBox10isTristateEv [qt-mt]	_ZNK9QCheckBox8sizeHintEv [qt-mt]
_ZNK9QCheckBox9classNameEv [qt-mt]	_ZNK9QCheckBox9hitButtonERK6QPoint [qt-mt]
_ZNK9QComboBox10autoResizeEv [qt-mt]	_ZNK9QComboBox11currentItemEv [qt-mt]
_ZNK9QComboBox11currentTextEv [qt-mt]	_ZNK9QComboBox14autoCompletionEv [qt-mt]
_ZNK9QComboBox15completionIndexERK7QStringi [qt-mt]	_ZNK9QComboBox15insertionPolicyEv [qt-mt]
_ZNK9QComboBox17duplicatesEnabledEv [qt-mt]	_ZNK9QComboBox4textEi [qt-mt]
_ZNK9QComboBox5countEv [qt-mt]	_ZNK9QComboBox6pixmapEi [qt-mt]
_ZNK9QComboBox7listBoxEv [qt-mt]	_ZNK9QComboBox8editableEv [qt-mt]
_ZNK9QComboBox8lineEditEv [qt-mt]	_ZNK9QComboBox8maxCountEv [qt-mt]
_ZNK9QComboBox8sizeHintEv [qt-mt]	_ZNK9QComboBox9classNameEv [qt-mt]
_ZNK9QComboBox9sizeLimitEv [qt-mt]	_ZNK9QComboBox9validatorEv [qt-mt]
_ZNK9QDataView9classNameEv [qt-mt]	_ZNK9QDockArea14dockWindowListEv [qt-mt]
_ZNK9QDockArea5countEv [qt-mt]	_ZNK9QDockArea7isEmptyEv [qt-mt]
_ZNK9QDockArea9classNameEv [qt-mt]	_ZNK9QGridView9classNameEv [qt-mt]
_ZNK9QIconView10isRenamingEv [qt-mt]	_ZNK9QIconView10resizeModeEv [qt-mt]
_ZNK9QIconView11arrangementEv [qt-mt]	_ZNK9QIconView11autoArrangeEv [qt-mt]
_ZNK9QIconView11calcGridNumEii [qt-mt]	_ZNK9QIconView11currentItemEv [qt-mt]
_ZNK9QIconView11itemTextPosEv [qt-mt]	_ZNK9QIconView12itemsMovableEv [qt-mt]
_ZNK9QIconView12maxItemWidthEv [qt-mt]	_ZNK9QIconView12showToolTipsEv [qt-mt]
_ZNK9QIconView13neighbourItemENS_9DirectionERK6QPointPK13QIconViewItem [qt-mt]	_ZNK9QIconView13selectionModeEv [qt-mt]
_ZNK9QIconView13sortDirectionEv [qt-mt]	_ZNK9QIconView15minimumSizeHintEv [qt-mt]
_ZNK9QIconView16wordWrapIconTextEv [qt-mt]	_ZNK9QIconView17maxItemTextLengthEv [qt-mt]
_ZNK9QIconView18itemTextBackgr	_ZNK9QIconView19findLastVisibleI

oundEv [qt-mt]	temERK5QRect [qt-mt]
_ZNK9QIconView20findFirstVisibleItemERK5QRect [qt-mt]	_ZNK9QIconView4maskEP7QPixmap [qt-mt]
_ZNK9QIconView5countEv [qt-mt]	_ZNK9QIconView5gridXEv [qt-mt]
_ZNK9QIconView5gridYEv [qt-mt]	_ZNK9QIconView5indexEPK13QIconViewItem [qt-mt]
_ZNK9QIconView7sortingEv [qt-mt]	_ZNK9QIconView7spacingEv [qt-mt]
_ZNK9QIconView8findItemENS_9DirectionERK6QPointRK5QRect [qt-mt]	_ZNK9QIconView8findItemERK6QPoint [qt-mt]
_ZNK9QIconView8findItemERK7QStringj [qt-mt]	_ZNK9QIconView8lastItemEv [qt-mt]
_ZNK9QIconView8rowBeginEP13QIconViewItem [qt-mt]	_ZNK9QIconView8sizeHintEv [qt-mt]
_ZNK9QIconView9classNameEv [qt-mt]	_ZNK9QIconView9firstItemEv [qt-mt]
_ZNK9QLineEdit10isModifiedEv [qt-mt]	_ZNK9QLineEdit10isReadOnlyEv [qt-mt]
_ZNK9QLineEdit11characterAtEiP5QChar [qt-mt]	_ZNK9QLineEdit11displayTextEv [qt-mt]
_ZNK9QLineEdit11dragEnabledEv [qt-mt]	_ZNK9QLineEdit12passwordCharEv [qt-mt]
_ZNK9QLineEdit12selectedTextEv [qt-mt]	_ZNK9QLineEdit14cursorPositionEv [qt-mt]
_ZNK9QLineEdit14selectionStartEv [qt-mt]	_ZNK9QLineEdit15hasSelectedTextEv [qt-mt]
_ZNK9QLineEdit15isRedoAvailableEv [qt-mt]	_ZNK9QLineEdit15isUndoAvailableEv [qt-mt]
_ZNK9QLineEdit15minimumSizeHintEv [qt-mt]	_ZNK9QLineEdit18hasAcceptableInputEv [qt-mt]
_ZNK9QLineEdit4copyEv [qt-mt]	_ZNK9QLineEdit4textEv [qt-mt]
_ZNK9QLineEdit5frameEv [qt-mt]	_ZNK9QLineEdit6editedEv [qt-mt]
_ZNK9QLineEdit8echoModeEv [qt-mt]	_ZNK9QLineEdit8sizeHintEv [qt-mt]
_ZNK9QLineEdit9alignmentEv [qt-mt]	_ZNK9QLineEdit9classNameEv [qt-mt]
_ZNK9QLineEdit9inputMaskEv [qt-mt]	_ZNK9QLineEdit9maxLengthEv [qt-mt]
_ZNK9QLineEdit9validatorEv [qt-mt]	_ZNK9QListView10childCountEv [qt-mt]
_ZNK9QListView10columnTextEi [qt-mt]	_ZNK9QListView10firstChildEv [qt-mt]
_ZNK9QListView10isRenamingEv [qt-mt]	_ZNK9QListView10isSelectedEPK13QListViewItem [qt-mt]

© 2008 Linux Foundation

_ZNK9QListView10itemMarginEv [qt-mt]	_ZNK9QListView10resizeModeEv [qt-mt]
_ZNK9QListView10sortColumnEv [qt-mt]	_ZNK9QListView11columnWidthEi [qt-mt]
_ZNK9QListView11currentItemEv [qt-mt]	_ZNK9QListView11repaintItemEPK13QListViewItem [qt-mt]
_ZNK9QListView12selectedItemEv [qt-mt]	_ZNK9QListView12showToolTipsEv [qt-mt]
_ZNK9QListView12treeStepSizeEv [qt-mt]	_ZNK9QListView13selectionModeEv [qt-mt]
_ZNK9QListView15columnAlignmentEi [qt-mt]	_ZNK9QListView15columnWidthModeEi [qt-mt]
_ZNK9QListView15minimumSizeHintEv [qt-mt]	_ZNK9QListView15rootIsDecoratedEv [qt-mt]
_ZNK9QListView16isMultiSelectionEv [qt-mt]	_ZNK9QListView17buildDrawableListEv [qt-mt]
_ZNK9QListView17showSortIndicatorEv [qt-mt]	_ZNK9QListView19allColumnsShowFocusEv [qt-mt]
_ZNK9QListView19defaultRenameActionEv [qt-mt]	_ZNK9QListView6headerEv [qt-mt]
_ZNK9QListView6isOpenEPK13QListViewItem [qt-mt]	_ZNK9QListView6itemAtERK6QPoint [qt-mt]
_ZNK9QListView7columnsEv [qt-mt]	_ZNK9QListView8findItemERK7QStringij [qt-mt]
_ZNK9QListView8itemRectEPK13QListViewItem [qt-mt]	_ZNK9QListView8lastItemEv [qt-mt]
_ZNK9QListView8sizeHintEv [qt-mt]	_ZNK9QListView9classNameEv [qt-mt]
_ZNK9QListView9sortOrderEv [qt-mt]	_ZNK9QTextEdit10dragObjectEP7QWidget [qt-mt]
_ZNK9QTextEdit10isModifiedEv [qt-mt]	_ZNK9QTextEdit10paragraphsEv [qt-mt]
_ZNK9QTextEdit10styleSheetEv [qt-mt]	_ZNK9QTextEdit10textFormatEv [qt-mt]
_ZNK9QTextEdit10wrapPolicyEv [qt-mt]	_ZNK9QTextEdit11currentFontEv [qt-mt]
_ZNK9QTextEdit11paragraphAtERK6QPoint [qt-mt]	_ZNK9QTextEdit12getSelectionEPiS0_S0_S0_i [qt-mt]
_ZNK9QTextEdit12selectedTextEv [qt-mt]	_ZNK9QTextEdit12tabStopWidthEv [qt-mt]
_ZNK9QTextEdit13documentTitleEv [qt-mt]	_ZNK9QTextEdit13linkUnderlineEv [qt-mt]
_ZNK9QTextEdit13paragraphRectEi [qt-mt]	_ZNK9QTextEdit14autoFormattingEv [qt-mt]
_ZNK9QTextEdit14heightForWidthEi [qt-mt]	_ZNK9QTextEdit14optimCharIndexERK7QStringi [qt-mt]

_ZNK9QTextEdit15hasSelectedTextEv [qt-mt]	_ZNK9QTextEdit15isRedoAvailableEv [qt-mt]
_ZNK9QTextEdit15isUndoAvailableEv [qt-mt]	_ZNK9QTextEdit15paragraphLengthEi [qt-mt]
_ZNK9QTextEdit15tabChangesFocusEv [qt-mt]	_ZNK9QTextEdit16linesOfParagraphEi [qt-mt]
ZNK9QTextEdit17getCursorPositionEPiS0 [qt-mt]	_ZNK9QTextEdit17isUndoRedoEnabledEv [qt-mt]
_ZNK9QTextEdit17mimeSourceFactoryEv [qt-mt]	_ZNK9QTextEdit17optimHasSelectionEv [qt-mt]
_ZNK9QTextEdit17optimSelectedTextEv [qt-mt]	_ZNK9QTextEdit17syntaxHighlighterEv [qt-mt]
_ZNK9QTextEdit17wrapColumnOrWidthEv [qt-mt]	_ZNK9QTextEdit24paragraphBackgroundColorEi [qt-mt]
_ZNK9QTextEdit4boldEv [qt-mt]	_ZNK9QTextEdit4fontEv [qt-mt]
_ZNK9QTextEdit4textEi [qt-mt]	_ZNK9QTextEdit4textEv [qt-mt]
_ZNK9QTextEdit5colorEv [qt-mt]	_ZNK9QTextEdit5linesEv [qt-mt]
_ZNK9QTextEdit5paperEv [qt-mt]	_ZNK9QTextEdit6charAtERK6QPointPi [qt-mt]
_ZNK9QTextEdit6familyEv [qt-mt]	_ZNK9QTextEdit6italicEv [qt-mt]
_ZNK9QTextEdit6lengthEv [qt-mt]	_ZNK9QTextEdit7contextEv [qt-mt]
_ZNK9QTextEdit8sizeHintEv [qt-mt]	_ZNK9QTextEdit8wordWrapEv [qt-mt]
_ZNK9QTextEdit9alignmentEv [qt-mt]	_ZNK9QTextEdit9classNameEv [qt-mt]
_ZNK9QTextEdit9optimTextEv [qt-mt]	_ZNK9QTextEdit9pointSizeEv [qt-mt]
_ZNK9QTextEdit9underlineEv [qt-mt]	_ZNK9QTextEdit9undoDepthEv [qt-mt]
_ZNK9QTextView9classNameEv [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Widgets specified in Table 18-452, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-452 libqt-mt - Qt3 Widgets Data Interfaces

_ZN10QLCDNumber7metaObjE [qt-mt]	_ZN10QScrollBar7metaObjE [qt-mt]
_ZN10QTabWidget7metaObjE [qt-mt]	_ZN11QDockWindow7metaObjE [qt-mt]
_ZN11QMainWindow7metaObjE [qt-mt]	_ZN11QPushButton7metaObjE [qt-mt]
_ZN11QScrollView7metaObjE [qt-mt]	_ZN11QSpinWidget7metaObjE [qt-mt]
_ZN11QToolButton7metaObjE [qt-	_ZN12QDataBrowser7metaObjE [qt-

 © 2008 Linux Foundation

mt]	mt]
_ZN12QListBoxItem4RTTIE [qt-mt]	_ZN12QListBoxText4RTTIE [qt-mt]
_ZN12QProgressBar7metaObjE [qt-mt]	_ZN12QRadioButton7metaObjE [qt-mt]
_ZN12QTextBrowser7metaObjE [qt-mt]	_ZN13QIconViewItem4RTTIE [qt-mt]
_ZN13QListViewItem4RTTIE [qt-mt]	_ZN13QToolTipGroup7metaObjE [qt-mt]
_ZN14QCheckListItem4RTTIE [qt-mt]	_ZN14QDesktopWidget7metaObjE [qt-mt]
_ZN14QListBoxPixmap4RTTIE [qt-mt]	_ZN14QMultiLineEdit7metaObjE [qt-mt]
_ZN5QDial7metaObjE [qt-mt]	_ZN6QFrame7metaObjE [qt-mt]
_ZN6QLabel7metaObjE [qt-mt]	_ZN7QButton7metaObjE [qt-mt]
_ZN7QSlider7metaObjE [qt-mt]	_ZN7QTabBar7metaObjE [qt-mt]
_ZN7QWidget12maxInstancesE [qt-mt]	_ZN7QWidget15instanceCounterE [qt-mt]
_ZN7QWidget6mapperE [qt-mt]	_ZN7QWidget7metaObjE [qt-mt]
_ZN8QListBox14changedListBoxE [qt-mt]	_ZN8QListBox7metaObjE [qt-mt]
_ZN8QSpinBox7metaObjE [qt-mt]	_ZN8QToolBox7metaObjE [qt-mt]
_ZN9QCheckBox7metaObjE [qt-mt]	_ZN9QComboBox7metaObjE [qt-mt]
_ZN9QDataView7metaObjE [qt-mt]	_ZN9QDockArea7metaObjE [qt-mt]
_ZN9QGridView7metaObjE [qt-mt]	_ZN9QIconView7metaObjE [qt-mt]
_ZN9QLineEdit7metaObjE [qt-mt]	_ZN9QListView7metaObjE [qt-mt]
_ZN9QTextEdit7metaObjE [qt-mt]	_ZN9QTextView7metaObjE [qt-mt]
_ZTI10QLCDNumber [CXXABI]	_ZTI10QScrollBar [CXXABI]
_ZTI10QTabWidget [CXXABI]	_ZTI10QWhatsThis [CXXABI]
_ZTI11QDockWindow [CXXABI]	_ZTI11QMainWindow [CXXABI]
_ZTI11QPushButton [CXXABI]	_ZTI11QScrollView [CXXABI]
_ZTI11QSpinWidget [CXXABI]	_ZTI11QToolButton [CXXABI]
_ZTI11QWidgetList [CXXABI]	_ZTI12QDataBrowser [CXXABI]
_ZTI12QIconFactory [CXXABI]	_ZTI12QListBoxItem [CXXABI]
_ZTI12QListBoxText [CXXABI]	_ZTI12QProgressBar [CXXABI]
_ZTI12QRadioButton [CXXABI]	_ZTI12QTextBrowser [CXXABI]
_ZTI13QIconViewItem [CXXABI]	_ZTI13QListViewItem [CXXABI]
_ZTI13QToolTipGroup [CXXABI]	_ZTI14QCheckListItem [CXXABI]
_ZTI14QDesktopWidget [CXXABI]	_ZTI14QListBoxPixmap [CXXABI]
_ZTI14QMultiLineEdit [CXXABI]	_ZTI14QWidgetIntDict [CXXABI]
_ZTI4QTab [CXXABI]	_ZTI5QDial [CXXABI]
_ZTI6QFrame [CXXABI]	_ZTI6QLabel [CXXABI]
_ZTI7QButton [CXXABI]	_ZTI7QSlider [CXXABI]

_ZTI7QTabBar [CXXABI]	_ZTI7QWidget [CXXABI]
_ZTI8QListBox [CXXABI]	_ZTI8QSpinBox [CXXABI]
_ZTI8QToolBox [CXXABI]	_ZTI8QToolTip [CXXABI]
_ZTI9QCheckBox [CXXABI]	_ZTI9QComboBox [CXXABI]
_ZTI9QDataView [CXXABI]	_ZTI9QDockArea [CXXABI]
_ZTI9QGridView [CXXABI]	_ZTI9QIconView [CXXABI]
_ZTI9QLineEdit [CXXABI]	_ZTI9QListView [CXXABI]
_ZTI9QTextEdit [CXXABI]	_ZTI9QTextView [CXXABI]
_ZTV10QLCDNumber [CXXABI]	_ZTV10QScrollBar [CXXABI]
_ZTV10QTabWidget [CXXABI]	_ZTV10QWhatsThis [CXXABI]
_ZTV11QDockWindow [CXXABI]	_ZTV11QMainWindow [CXXABI]
_ZTV11QPushButton [CXXABI]	_ZTV11QScrollView [CXXABI]
_ZTV11QSpinWidget [CXXABI]	_ZTV11QToolButton [CXXABI]
_ZTV11QWidgetList [CXXABI]	_ZTV12QDataBrowser [CXXABI]
_ZTV12QIconFactory [CXXABI]	_ZTV12QListBoxItem [CXXABI]
_ZTV12QListBoxText [CXXABI]	_ZTV12QProgressBar [CXXABI]
_ZTV12QRadioButton [CXXABI]	_ZTV12QTextBrowser [CXXABI]
_ZTV13QIconViewItem [CXXABI]	_ZTV13QListViewItem [CXXABI]
_ZTV13QToolTipGroup [CXXABI]	_ZTV14QCheckListItem [CXXABI]
_ZTV14QDesktopWidget [CXXABI]	_ZTV14QListBoxPixmap [CXXABI]
_ZTV14QMultiLineEdit [CXXABI]	_ZTV14QWidgetIntDict [CXXABI]
_ZTV4QTab [CXXABI]	_ZTV5QDial [CXXABI]
_ZTV6QFrame [CXXABI]	_ZTV6QLabel [CXXABI]
_ZTV7QButton [CXXABI]	_ZTV7QSlider [CXXABI]
_ZTV7QTabBar [CXXABI]	_ZTV7QWidget [CXXABI]
_ZTV8QListBox [CXXABI]	_ZTV8QSpinBox [CXXABI]
_ZTV8QToolBox [CXXABI]	_ZTV8QToolTip [CXXABI]
_ZTV9QCheckBox [CXXABI]	_ZTV9QComboBox [CXXABI]
_ZTV9QDataView [CXXABI]	_ZTV9QDockArea [CXXABI]
_ZTV9QGridView [CXXABI]	_ZTV9QIconView [CXXABI]
_ZTV9QLineEdit [CXXABI]	_ZTV9QListView [CXXABI]
_ZTV9QTextEdit [CXXABI]	_ZTV9QTextView [CXXABI]

18.2.23 Qt3 Menus

18.2.23.1 Class data for QPopupMenu

The virtual table for the QPopupMenu class is described by Table 18-453

Table 18-453 Primary vtable for QPopupMenu

Base Offset	0
Virtual Base Offset	0

© 2008 Linux Foundation

RTTI	typeinfo for QPopupMenu
vfunc[0]:	NULL or QPopupMenu::metaObject() const
vfunc[1]:	QPopupMenu::className() const
vfunc[2]:	QPopupMenu::qt_cast(char const*)
vfunc[3]:	QPopupMenu::qt_invoke(int, QUObject*)
vfunc[4]:	QPopupMenu::qt_emit(int, QUObject*)
vfunc[5]:	QPopupMenu::qt_property(int, int, QVariant*)
vfunc[6]:	QPopupMenu::~QPopupMenu()
vfunc[7]:	QPopupMenu::~QPopupMenu()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QPopupMenu::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette

	const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QPopupMenu::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QPopupMenu::show()
vfunc[48]:	QPopupMenu::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QPopupMenu::sizeHint() const

 © 2008 Linux Foundation

vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QPopupMenu::customWhatsThis() const
vfunc[69]:	QPopupMenu::mousePressEvent(QMouseEvent*)
vfunc[70]:	QPopupMenu::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QPopupMenu::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QPopupMenu::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QPopupMenu::focusInEvent(QFocusEvent*)
vfunc[77]:	QPopupMenu::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QPopupMenu::leaveEvent(QEvent*)
vfunc[80]:	QPopupMenu::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QFrame::resizeEvent(QResizeEvent*)
vfunc[83]:	QPopupMenu::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEv

	ent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QPopupMenu::styleChange(QStyle&)
vfunc[98]:	QPopupMenu::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QPopupMenu::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)

 © 2008 Linux Foundation

vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QPopupMenu::drawContents(QPainter*)
vfunc[117]:	QPopupMenu::frameChanged()
vfunc[118]:	QPopupMenu::updateItem(int)
vfunc[119]:	QPopupMenu::setCheckable(bool)
vfunc[120]:	QPopupMenu::setActiveItem(int)
vfunc[121]:	QPopupMenu::activateItemAt(int)
vfunc[122]:	QPopupMenu::menuContentsChanged()
vfunc[123]:	QPopupMenu::menuStateChanged()
vfunc[124]:	QPopupMenu::menuInsPopup(QPopupMenu*)
vfunc[125]:	QPopupMenu::menuDelPopup(QPopupMenu*)
vfunc[126]:	QPopupMenu::setFirstItemActive()

The Run Time Type Information for the QPopupMenu class is described by Table 18-454

Table 18-454 typeinfo for QPopupMenu

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QPopupMenu	
flags:	0	
basetype:	typeinfo for QFrame	2
basetype:	typeinfo for QMenuData	37890

18.2.23.2 Class data for QMenuBar

The virtual table for the QMenuBar class is described by Table 18-455

Table 18-455 Primary vtable for QMenuBar

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMenuBar
vfunc[0]:	NULL or QMenuBar::metaObject() const
vfunc[1]:	QMenuBar::className() const
vfunc[2]:	QMenuBar::qt_cast(char const*)
vfunc[3]:	QMenuBar::qt_invoke(int, QUObject*)
vfunc[4]:	QMenuBar::qt_emit(int, QUObject*)

vfunc[5]:	QMenuBar::qt_property(int, int, QVariant*)
vfunc[6]:	QMenuBar::~QMenuBar()
vfunc[7]:	QMenuBar::~QMenuBar()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QMenuBar::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)

 © 2008 Linux Foundation

vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QCol or const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QP ixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget:: FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QMenuBar::show()
vfunc[48]:	QMenuBar::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QMenuBar::sizeHint() const
vfunc[59]:	QMenuBar::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QMenuBar::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)

vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QMenuBar::customWhatsThis() const
vfunc[69]:	QMenuBar::mousePressEvent(QMouseEvent*)
vfunc[70]:	QMenuBar::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QMenuBar::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QMenuBar::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QMenuBar::focusInEvent(QFocusEvent*)
vfunc[77]:	QMenuBar::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QMenuBar::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QMenuBar::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)

 © 2008 Linux Foundation

vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QMenuBar::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QMenuBar::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QMenuBar::drawContents(QPainter*)
vfunc[117]:	QMenuBar::frameChanged()
vfunc[118]:	QMenuBar::updateItem(int)
vfunc[119]:	QMenuBar::setSeparator(QMenuBar: :Separator)
vfunc[120]:	QMenuBar::activateItemAt(int)
vfunc[121]:	QMenuBar::menuContentsChanged( )
vfunc[122]:	QMenuBar::menuStateChanged()
vfunc[123]:	QMenuBar::menuInsPopup(QPopup Menu*)

© 2008 Linux Foundation

vfunc[124]:	QMenuBar::menuDelPopup(QPopupMenu*)

The Run Time Type Information for the QMenuBar class is described by Table 18-456

Table 18-456 typeinfo for QMenuBar

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QMenuBar	
flags:	0	
basetype:	typeinfo for QFrame	2
basetype:	typeinfo for QMenuData	37890

18.2.23.3 Class data for QCustomMenuItem

The virtual table for the QCustomMenuItem class is described by Table 18-457

Table 18-457 Primary vtable for QCustomMenuItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCustomMenuItem
vfunc[0]:	QCustomMenuItem::~QCustomMenuItem()
vfunc[1]:	QCustomMenuItem::~QCustomMenuItem()
vfunc[2]:	QCustomMenuItem::fullSpan() const
vfunc[3]:	QCustomMenuItem::isSeparator() const
vfunc[4]:	QCustomMenuItem::setFont(QFont const&)
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual

The Run Time Type Information for the QCustomMenuItem class is described by Table 18-458

Table 18-458 typeinfo for QCustomMenuItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCustomMenuItem
basetype:	typeinfo for Qt

 © 2008 Linux Foundation

18.2.23.4 Class data for QMenuData

The virtual table for the QMenuData class is described by Table 18-459

Table 18-459 Primary vtable for QMenuData

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMenuData
vfunc[0]:	QMenuData::~QMenuData()
vfunc[1]:	QMenuData::~QMenuData()
vfunc[2]:	QMenuData::updateItem(int)
vfunc[3]:	QMenuData::setId(int, int)
vfunc[4]:	QMenuData::activateItemAt(int)
vfunc[5]:	QMenuData::menuContentsChanged()
vfunc[6]:	QMenuData::menuStateChanged()
vfunc[7]:	QMenuData::menuInsPopup(QPopupMenu*)
vfunc[8]:	QMenuData::menuDelPopup(QPopupMenu*)

The Run Time Type Information for the QMenuData class is described by Table 18-460

Table 18-460 typeinfo for QMenuData

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QMenuData

18.2.23.5 Interfaces for Qt3 Menus

An LSB conforming implementation shall provide the generic functions for Qt3 Menus specified in Table 18-461, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-461 libqt-mt - Qt3 Menus Function Interfaces

_ZN10QPopupMenu10byeMenuBarEv [qt-mt]	_ZN10QPopupMenu10closeEventEP11QCloseEvent [qt-mt]
_ZN10QPopupMenu10hidePopupsEv [qt-mt]	_ZN10QPopupMenu10leaveEventEP6QEvent [qt-mt]
_ZN10QPopupMenu10paintEventEP11QPaintEvent [qt-mt]	_ZN10QPopupMenu10timerEventEP11QTimerEvent [qt-mt]
_ZN10QPopupMenu10tryMenuBarEP11QMouseEvent [qt-mt]	_ZN10QPopupMenu10updateItemEi [qt-mt]
_ZN10QPopupMenu10updateSizeEbb [qt-mt]	_ZN10QPopupMenu11aboutToHideEv [qt-mt]
_ZN10QPopupMenu11aboutToShowEv [qt-mt]	_ZN10QPopupMenu11enableAccelEb [qt-mt]

_ZN10QPopupMenu11highlightedEi [qt-mt]	_ZN10QPopupMenu11qt_propertyEiiP8QVariant [qt-mt]
_ZN10QPopupMenu11styleChangeER6QStyle [qt-mt]	_ZN10QPopupMenu11updateAccelEP7QWidget [qt-mt]
_ZN10QPopupMenu12connectModalEPS_b [qt-mt]	_ZN10QPopupMenu12drawContentsEP8QPainter [qt-mt]
_ZN10QPopupMenu12focusInEventEP11QFocusEvent [qt-mt]	_ZN10QPopupMenu12frameChangedEv [qt-mt]
_ZN10QPopupMenu12itemGeometryEi [qt-mt]	_ZN10QPopupMenu12menuDelPopupEPS_ [qt-mt]
ZN10QPopupMenu12menuInsPopupEPS [qt-mt]	_ZN10QPopupMenu12setCheckableEb [qt-mt]
_ZN10QPopupMenu12subActivatedEi [qt-mt]	_ZN10QPopupMenu12subMenuTimerEv [qt-mt]
_ZN10QPopupMenu13enabledChangeEb [qt-mt]	_ZN10QPopupMenu13focusOutEventEP11QFocusEvent [qt-mt]
_ZN10QPopupMenu13hideAllPopupsEv [qt-mt]	_ZN10QPopupMenu13keyPressEventEP9QKeyEvent [qt-mt]
_ZN10QPopupMenu13setActiveItemEi [qt-mt]	_ZN10QPopupMenu13toggleTearOffEv [qt-mt]
_ZN10QPopupMenu13tryMouseEventEPS_P11QMouseEvent [qt-mt]	_ZN10QPopupMenu14accelActivatedEi [qt-mt]
_ZN10QPopupMenu14accelDestroyedEv [qt-mt]	_ZN10QPopupMenu14activateItemAtEi [qt-mt]
_ZN10QPopupMenu14allowAnimationEv [qt-mt]	_ZN10QPopupMenu14mouseMoveEventEP11QMouseEvent [qt-mt]
_ZN10QPopupMenu14popupDestroyedEP7QObject [qt-mt]	_ZN10QPopupMenu14subHighlightedEi [qt-mt]
_ZN10QPopupMenu14subScrollTimerEv [qt-mt]	_ZN10QPopupMenu15modalActivationEi [qt-mt]
_ZN10QPopupMenu15mousePressEventEP11QMouseEvent [qt-mt]	_ZN10QPopupMenu16menuStateChangedEv [qt-mt]
_ZN10QPopupMenu16staticMetaObjectEv [qt-mt]	_ZN10QPopupMenu17activatedRediectEi [qt-mt]
_ZN10QPopupMenu17mouseReleaseEventEP11QMouseEvent [qt-mt]	_ZN10QPopupMenu18focusNextPrevChildEb [qt-mt]
_ZN10QPopupMenu18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QPopupMenu18setFirstItemActiveEv [qt-mt]
_ZN10QPopupMenu19highlightedRedirectEi [qt-mt]	_ZN10QPopupMenu19insertTearOffHandleEii [qt-mt]
_ZN10QPopupMenu19menuContentsChangedEv [qt-mt]	_ZN10QPopupMenu19updateScrollerStateEv [qt-mt]
_ZN10QPopupMenu21performDelayedChangesEv [qt-mt]	_ZN10QPopupMenu26performDelayedStateChangedEv [qt-mt]
_ZN10QPopupMenu29performDela	_ZN10QPopupMenu2trEPKcS1_ [qt-

 © 2008 Linux Foundation

yedContentsChangedEv [qt-mt]	mt]
_ZN10QPopupMenu4execERK6QPointi [qt-mt]	_ZN10QPopupMenu4execEv [qt-mt]
_ZN10QPopupMenu4hideEv [qt-mt]	_ZN10QPopupMenu4showEv [qt-mt]
_ZN10QPopupMenu5popupERK6QPointi [qt-mt]	_ZN10QPopupMenu6actSigEib [qt-mt]
ZN10QPopupMenu6trUtf8EPKcS1 [qt-mt]	_ZN10QPopupMenu7qt_castEPKc [qt-mt]
_ZN10QPopupMenu7qt_emitEiP8QUObject [qt-mt]	_ZN10QPopupMenu7setFontERK5QFont [qt-mt]
_ZN10QPopupMenu8drawItemEP8QPainteriP9QMenuItembiiii [qt-mt]	_ZN10QPopupMenu8hilitSigEi [qt-mt]
_ZN10QPopupMenu9activatedEi [qt-mt]	_ZN10QPopupMenu9qt_invokeEiP8QUObject [qt-mt]
_ZN10QPopupMenu9updateRowEi [qt-mt]	_ZN10QPopupMenuC1EP7QWidgetPKc [qt-mt]
_ZN10QPopupMenuC2EP7QWidgetPKc [qt-mt]	_ZN10QPopupMenuD0Ev [qt-mt]
_ZN10QPopupMenuD1Ev [qt-mt]	_ZN10QPopupMenuD2Ev [qt-mt]
_ZN15QCustomMenuItem7setFontERK5QFont [qt-mt]	_ZN15QCustomMenuItemC1Ev [qt-mt]
_ZN15QCustomMenuItemC2Ev [qt-mt]	_ZN15QCustomMenuItemD0Ev [qt-mt]
_ZN15QCustomMenuItemD1Ev [qt-mt]	_ZN15QCustomMenuItemD2Ev [qt-mt]
_ZN8QMenuBar10fontChangeERK5QFont [qt-mt]	_ZN8QMenuBar10hidePopupsEv [qt-mt]
_ZN8QMenuBar10leaveEventEP6QEvent [qt-mt]	_ZN8QMenuBar10setAltModeEb [qt-mt]
_ZN8QMenuBar10updateItemEi [qt-mt]	_ZN8QMenuBar11eventFilterEP7QObjectP6QEvent [qt-mt]
_ZN8QMenuBar11highlightedEi [qt-mt]	_ZN8QMenuBar11qt_propertyEiiP8QVariant [qt-mt]
_ZN8QMenuBar11resizeEventEP12QResizeEvent [qt-mt]	_ZN8QMenuBar11styleChangeER6QStyle [qt-mt]
_ZN8QMenuBar11tryKeyEventEP10QPopupMenuP9QKeyEvent [qt-mt]	_ZN8QMenuBar12drawContentsEP8QPainter [qt-mt]
_ZN8QMenuBar12focusInEventEP11QFocusEvent [qt-mt]	_ZN8QMenuBar12frameChangedEv [qt-mt]
_ZN8QMenuBar12menuDelPopupEP10QPopupMenu [qt-mt]	_ZN8QMenuBar12menuInsPopupEP10QPopupMenu [qt-mt]
_ZN8QMenuBar12openActPopupEv [qt-mt]	_ZN8QMenuBar12setDefaultUpEb [qt-mt]
ZN8QMenuBar12setSeparatorENS	_ZN8QMenuBar12subActivatedEi

9SeparatorE [qt-mt]	[qt-mt]
_ZN8QMenuBar13focusOutEventEP11QFocusEvent [qt-mt]	_ZN8QMenuBar13keyPressEventEP9QKeyEvent [qt-mt]
_ZN8QMenuBar13setActiveItemEibb [qt-mt]	_ZN8QMenuBar13tryMouseEventEP10QPopupMenuP11QMouseEvent [qt-mt]
_ZN8QMenuBar14accelActivatedEi [qt-mt]	_ZN8QMenuBar14accelDestroyedEv [qt-mt]
_ZN8QMenuBar14activateItemAtEi [qt-mt]	_ZN8QMenuBar14calculateRectsEi [qt-mt]
_ZN8QMenuBar14languageChangeEv [qt-mt]	_ZN8QMenuBar14mouseMoveEventEP11QMouseEvent [qt-mt]
_ZN8QMenuBar14popupDestroyedEP7QObject [qt-mt]	_ZN8QMenuBar14subHighlightedEi [qt-mt]
_ZN8QMenuBar15mousePressEventEP11QMouseEvent [qt-mt]	_ZN8QMenuBar16menuStateChangedEv [qt-mt]
_ZN8QMenuBar16staticMetaObjectEv [qt-mt]	_ZN8QMenuBar17mouseReleaseEventEP11QMouseEvent [qt-mt]
_ZN8QMenuBar17setupAcceleratorsEv [qt-mt]	_ZN8QMenuBar18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN8QMenuBar19menuContentsChangedEv [qt-mt]	_ZN8QMenuBar21performDelayedChangesEv [qt-mt]
_ZN8QMenuBar26performDelayedStateChangedEv [qt-mt]	_ZN8QMenuBar29performDelayedContentsChangedEv [qt-mt]
ZN8QMenuBar2trEPKcS1 [qt-mt]	_ZN8QMenuBar4hideEv [qt-mt]
_ZN8QMenuBar4showEv [qt-mt]	_ZN8QMenuBar6trUtf8EPKcS1_ [qt-mt]
_ZN8QMenuBar7goodbyeEb [qt-mt]	_ZN8QMenuBar7qt_castEPKc [qt-mt]
_ZN8QMenuBar7qt_emitEiP8QUObject [qt-mt]	_ZN8QMenuBar8itemRectEi [qt-mt]
_ZN8QMenuBar9activatedEi [qt-mt]	_ZN8QMenuBar9itemAtPosERK6QPoint [qt-mt]
_ZN8QMenuBar9qt_invokeEiP8QUObject [qt-mt]	_ZN8QMenuBarC1EP7QWidgetPKc [qt-mt]
_ZN8QMenuBarC2EP7QWidgetPKc [qt-mt]	_ZN8QMenuBarD0Ev [qt-mt]
_ZN8QMenuBarD1Ev [qt-mt]	_ZN8QMenuBarD2Ev [qt-mt]
_ZN9QMenuData10changeItemEiRK7QPixmap [qt-mt]	_ZN9QMenuData10changeItemEiRK7QString [qt-mt]
_ZN9QMenuData10changeItemEiRK8QIconSetRK7QPixmap [qt-mt]	_ZN9QMenuData10changeItemEiRK8QIconSetRK7QString [qt-mt]
_ZN9QMenuData10insertItemEP15QCustomMenuItemii [qt-mt]	_ZN9QMenuData10insertItemEP7QWidgetii [qt-mt]
_ZN9QMenuData10insertItemERK7	_ZN9QMenuData10insertItemERK7

 © 2008 Linux Foundation

QPixmapP10QPopupMenuii [qt-mt]	QPixmapPK7QObjectPKcRK12QKeySequenceii [qt-mt]
_ZN9QMenuData10insertItemERK7QPixmapii [qt-mt]	_ZN9QMenuData10insertItemERK7QStringP10QPopupMenuii [qt-mt]
_ZN9QMenuData10insertItemERK7QStringPK7QObjectPKcRK12QKeySequenceii [qt-mt]	_ZN9QMenuData10insertItemERK7QStringii [qt-mt]
_ZN9QMenuData10insertItemERK8QIconSetP15QCustomMenuItemii [qt-mt]	_ZN9QMenuData10insertItemERK8QIconSetRK7QPixmapP10QPopupMenuii [qt-mt]
_ZN9QMenuData10insertItemERK8QIconSetRK7QPixmapPK7QObjectPKcRK12QKeySequenceii [qt-mt]	_ZN9QMenuData10insertItemERK8QIconSetRK7QPixmapii [qt-mt]
_ZN9QMenuData10insertItemERK8QIconSetRK7QStringP10QPopupMenuii [qt-mt]	_ZN9QMenuData10insertItemERK8QIconSetRK7QStringPK7QObjectPKcRK12QKeySequenceii [qt-mt]
_ZN9QMenuData10insertItemERK8QIconSetRK7QStringii [qt-mt]	_ZN9QMenuData10removeItemEi [qt-mt]
_ZN9QMenuData10updateItemEi [qt-mt]	_ZN9QMenuData11connectItemEiPK7QObjectPKc [qt-mt]
_ZN9QMenuData11removePopupEP10QPopupMenu [qt-mt]	_ZN9QMenuData12menuDelPopupEP10QPopupMenu [qt-mt]
_ZN9QMenuData12menuInsPopupEP10QPopupMenu [qt-mt]	_ZN9QMenuData12removeItemAtEi [qt-mt]
_ZN9QMenuData12setWhatsThisEiRK7QString [qt-mt]	_ZN9QMenuData14activateItemAtEi [qt-mt]
_ZN9QMenuData14disconnectItemEiPK7QObjectPKc [qt-mt]	_ZN9QMenuData14setItemCheckedEib [qt-mt]
_ZN9QMenuData14setItemEnabledEib [qt-mt]	_ZN9QMenuData14setItemVisibleEib [qt-mt]
_ZN9QMenuData15insertSeparatorEi [qt-mt]	_ZN9QMenuData16menuStateChangedEv [qt-mt]
_ZN9QMenuData16setItemParameterEii [qt-mt]	_ZN9QMenuData17changeItemIconSetEiRK8QIconSet [qt-mt]
_ZN9QMenuData19menuContentsChangedEv [qt-mt]	_ZN9QMenuData5clearEv [qt-mt]
_ZN9QMenuData5setIdEii [qt-mt]	_ZN9QMenuData8setAccelERK12QKeySequencei [qt-mt]
_ZN9QMenuData9findPopupEP10QPopupMenuPi [qt-mt]	_ZN9QMenuData9insertAnyEPK7QStringPK7QPixmapP10QPopupMenuPK8QIconSetiiP7QWidgetP15QCustomMenuItem [qt-mt]
_ZN9QMenuDataC1Ev [qt-mt]	_ZN9QMenuDataC2Ev [qt-mt]
_ZN9QMenuDataD0Ev [qt-mt]	_ZN9QMenuDataD1Ev [qt-mt]
_ZN9QMenuDataD2Ev [qt-mt]	_ZN9QMenuItem5extraEv [qt-mt]
_ZN9QMenuItemC1Ev [qt-mt]	_ZN9QMenuItemC2Ev [qt-mt]

_ZN9QMenuItemD1Ev [qt-mt]	_ZN9QMenuItemD2Ev [qt-mt]
_ZNK10QPopupMenu10itemHeightEP9QMenuItem [qt-mt]	_ZNK10QPopupMenu10itemHeightEi [qt-mt]
_ZNK10QPopupMenu11isCheckableEv [qt-mt]	_ZNK10QPopupMenu15customWhatsThisEv [qt-mt]
_ZNK10QPopupMenu4idAtERK6QPoint [qt-mt]	_ZNK10QPopupMenu7columnsEv [qt-mt]
_ZNK10QPopupMenu8sizeHintEv [qt-mt]	_ZNK10QPopupMenu9classNameEv [qt-mt]
_ZNK10QPopupMenu9itemAtPosERK6QPointb [qt-mt]	_ZNK15QCustomMenuItem11isSeparatorEv [qt-mt]
_ZNK15QCustomMenuItem8fullSpanEv [qt-mt]	_ZNK8QMenuBar11isDefaultUpEv [qt-mt]
_ZNK8QMenuBar11minimumSizeEv [qt-mt]	_ZNK8QMenuBar14heightForWidthEi [qt-mt]
_ZNK8QMenuBar15customWhatsThisEv [qt-mt]	_ZNK8QMenuBar15minimumSizeHintEv [qt-mt]
_ZNK8QMenuBar8sizeHintEv [qt-mt]	_ZNK8QMenuBar9classNameEv [qt-mt]
_ZNK8QMenuBar9separatorEv [qt-mt]	_ZNK9QMenuData12isItemActiveEi [qt-mt]
_ZNK9QMenuData13isItemCheckedEi [qt-mt]	_ZNK9QMenuData13isItemEnabledEi [qt-mt]
_ZNK9QMenuData13isItemVisibleEi [qt-mt]	_ZNK9QMenuData13itemParameterEi [qt-mt]
_ZNK9QMenuData4idAtEi [qt-mt]	_ZNK9QMenuData4textEi [qt-mt]
_ZNK9QMenuData5accelEi [qt-mt]	_ZNK9QMenuData5countEv [qt-mt]
_ZNK9QMenuData6pixmapEi [qt-mt]	_ZNK9QMenuData7iconSetEi [qt-mt]
_ZNK9QMenuData7indexOfEi [qt-mt]	_ZNK9QMenuData8findItemEi [qt-mt]
ZNK9QMenuData8findItemEiPPS [qt-mt]	_ZNK9QMenuData9whatsThisEi [qt-mt]
_ZNK9QMenuItem6customEv [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Menus specified in Table 18-462, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-462 libqt-mt - Qt3 Menus Data Interfaces

_ZN10QPopupMenu7metaObjE [qt-mt]	_ZN8QMenuBar7metaObjE [qt-mt]
_ZTI10QPopupMenu [CXXABI]	_ZTI15QCustomMenuItem [CXXABI]
_ZTI8QMenuBar [CXXABI]	_ZTI9QMenuData [CXXABI]

 © 2008 Linux Foundation

_ZTV10QPopupMenu [CXXABI]	_ZTV15QCustomMenuItem [CXXABI]
_ZTV8QMenuBar [CXXABI]	_ZTV9QMenuData [CXXABI]

18.2.24 Qt3 Organizers

18.2.24.1 Class data for QHBox

The virtual table for the QHBox class is described by Table 18-463

Table 18-463 Primary vtable for QHBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHBox
vfunc[0]:	NULL or QHBox::metaObject() const
vfunc[1]:	QHBox::className() const
vfunc[2]:	QHBox::qt_cast(char const*)
vfunc[3]:	QHBox::qt_invoke(int, QUObject*)
vfunc[4]:	QHBox::qt_emit(int, QUObject*)
vfunc[5]:	QHBox::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QHBox::~QHBox()
vfunc[7]:	NULL or QHBox::~QHBox()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)

vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)

 © 2008 Linux Foundation

vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QHBox::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QFrame::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)

vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)

 © 2008 Linux Foundation

vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QHBox::frameChanged()

The Run Time Type Information for the QHBox class is described by Table 18-464

Table 18-464 typeinfo for QHBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHBox
basetype:	typeinfo for QFrame

18.2.24.2 Class data for QSplitter

The virtual table for the QSplitter class is described by Table 18-465

Table 18-465 Primary vtable for QSplitter

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSplitter
vfunc[0]:	NULL or QSplitter::metaObject() const
vfunc[1]:	QSplitter::className() const
vfunc[2]:	QSplitter::qt_cast(char const*)
vfunc[3]:	QSplitter::qt_invoke(int, QUObject*)
vfunc[4]:	QSplitter::qt_emit(int, QUObject*)
vfunc[5]:	QSplitter::qt_property(int, int, QVariant*)
vfunc[6]:	QSplitter::~QSplitter()
vfunc[7]:	QSplitter::~QSplitter()
vfunc[8]:	QSplitter::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QSplitter::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEve

	nt*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)

 © 2008 Linux Foundation

vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QSplitter::sizeHint() const
vfunc[59]:	QSplitter::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEven

	t*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QSplitter::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QSplitter::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or

 © 2008 Linux Foundation

	QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QSplitter::setOrientation(Qt::Orientation)
vfunc[119]:	QSplitter::setResizeMode(QWidget*, QSplitter::ResizeMode)
vfunc[120]:	QSplitter::setOpaqueResize(bool)
vfunc[121]:	QSplitter::drawSplitter(QPainter*, int, int, int, int)
vfunc[122]:	QSplitter::setRubberband(int)

The Run Time Type Information for the QSplitter class is described by Table 18-466

Table 18-466 typeinfo for QSplitter

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSplitter
basetype:	typeinfo for QFrame

18.2.24.3 Class data for QVBox

The virtual table for the QVBox class is described by Table 18-467

Table 18-467 Primary vtable for QVBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QVBox
vfunc[0]:	NULL or QVBox::metaObject() const
vfunc[1]:	QVBox::className() const
vfunc[2]:	QVBox::qt_cast(char const*)

vfunc[3]:	QVBox::qt_invoke(int, QUObject*)
vfunc[4]:	QVBox::qt_emit(int, QUObject*)
vfunc[5]:	QVBox::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QVBox::~QVBox()
vfunc[7]:	NULL or QVBox::~QVBox()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)

 © 2008 Linux Foundation

vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QHBox::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)

© 2008 Linux Foundation

vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QFrame::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)

 © 2008 Linux Foundation

vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QHBox::frameChanged()

The Run Time Type Information for the QVBox class is described by Table 18-468

Table 18-468 typeinfo for QVBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QVBox
basetype:	typeinfo for QHBox

18.2.24.4 Class data for QGroupBox

The virtual table for the QGroupBox class is described by Table 18-469

Table 18-469 Primary vtable for QGroupBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGroupBox
vfunc[0]:	NULL or QGroupBox::metaObject() const
vfunc[1]:	QGroupBox::className() const
vfunc[2]:	QGroupBox::qt_cast(char const*)
vfunc[3]:	QGroupBox::qt_invoke(int, QUObject*)
vfunc[4]:	QGroupBox::qt_emit(int, QUObject*)
vfunc[5]:	QGroupBox::qt_property(int, int, QVariant*)
vfunc[6]:	QGroupBox::~QGroupBox()
vfunc[7]:	QGroupBox::~QGroupBox()
vfunc[8]:	QGroupBox::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QGroupBox::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QGroupBox::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)

© 2008 Linux Foundation

vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or

	QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QGroupBox::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QGroupBox::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QGroupBox::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QGroupBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QCont

 © 2008 Linux Foundation

	extMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QGroupBox::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect

	const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QGroupBox::setColumnLayout(int, Qt::Orientation)
vfunc[119]:	QGroupBox::setTitle(QString const&)
vfunc[120]:	QGroupBox::setAlignment(int)

The Run Time Type Information for the QGroupBox class is described by Table 18-470

Table 18-470 typeinfo for QGroupBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGroupBox
basetype:	typeinfo for QFrame

18.2.24.5 Class data for QHGroupBox

The virtual table for the QHGroupBox class is described by Table 18-471

Table 18-471 Primary vtable for QHGroupBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHGroupBox
vfunc[0]:	NULL or QHGroupBox::metaObject() const
vfunc[1]:	QHGroupBox::className() const
vfunc[2]:	QHGroupBox::qt_cast(char const*)
vfunc[3]:	QHGroupBox::qt_invoke(int, QUObject*)
vfunc[4]:	QHGroupBox::qt_emit(int, QUObject*)
vfunc[5]:	QHGroupBox::qt_property(int, int, QVariant*)
vfunc[6]:	QHGroupBox::~QHGroupBox()
vfunc[7]:	QHGroupBox::~QHGroupBox()
vfunc[8]:	QGroupBox::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)

 © 2008 Linux Foundation

vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QGroupBox::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QGroupBox::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)

© 2008 Linux Foundation

vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QGroupBox::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)

 © 2008 Linux Foundation

vfunc[73]:	QWidget::wheelEvent(QWheelEvent *)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent *)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QGroupBox::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QGroupBox::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QGroupBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QGroupBox::fontChange(QFont const&)

vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QGroupBox::setColumnLayout(int, Qt::Orientation)
vfunc[119]:	QGroupBox::setTitle(QString const&)
vfunc[120]:	QGroupBox::setAlignment(int)

The Run Time Type Information for the QHGroupBox class is described by Table 18-472

Table 18-472 typeinfo for QHGroupBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHGroupBox
basetype:	typeinfo for QGroupBox

18.2.24.6 Class data for QHButtonGroup

The virtual table for the QHButtonGroup class is described by Table 18-473

Table 18-473 Primary vtable for QHButtonGroup

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHButtonGroup

 © 2008 Linux Foundation

vfunc[0]:	NULL or QHButtonGroup::metaObject() const
vfunc[1]:	QHButtonGroup::className() const
vfunc[2]:	QHButtonGroup::qt_cast(char const*)
vfunc[3]:	QHButtonGroup::qt_invoke(int, QUObject*)
vfunc[4]:	QHButtonGroup::qt_emit(int, QUObject*)
vfunc[5]:	QHButtonGroup::qt_property(int, int, QVariant*)
vfunc[6]:	QHButtonGroup::~QHButtonGroup( )
vfunc[7]:	QHButtonGroup::~QHButtonGroup( )
vfunc[8]:	QButtonGroup::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QGroupBox::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QGroupBox::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)

vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QGroupBox::sizeHint() const

 © 2008 Linux Foundation

vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QGroupBox::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QGroupBox::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QGroupBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)

vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QGroupBox::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()

 © 2008 Linux Foundation

vfunc[118]:	QGroupBox::setColumnLayout(int, Qt::Orientation)
vfunc[119]:	QGroupBox::setTitle(QString const&)
vfunc[120]:	QGroupBox::setAlignment(int)
vfunc[121]:	QButtonGroup::setExclusive(bool)
vfunc[122]:	QButtonGroup::setRadioButtonExclusive(bool)
vfunc[123]:	QButtonGroup::setButton(int)
vfunc[124]:	QButtonGroup::moveFocus(int)

The Run Time Type Information for the QHButtonGroup class is described by Table 18-474

Table 18-474 typeinfo for QHButtonGroup

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHButtonGroup
basetype:	typeinfo for QButtonGroup

18.2.24.7 Class data for QWidgetStack

The virtual table for the QWidgetStack class is described by Table 18-475

Table 18-475 Primary vtable for QWidgetStack

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWidgetStack
vfunc[0]:	NULL or QWidgetStack::metaObject() const
vfunc[1]:	QWidgetStack::className() const
vfunc[2]:	QWidgetStack::qt_cast(char const*)
vfunc[3]:	QWidgetStack::qt_invoke(int, QUObject*)
vfunc[4]:	QWidgetStack::qt_emit(int, QUObject*)
vfunc[5]:	QWidgetStack::qt_property(int, int, QVariant*)
vfunc[6]:	QWidgetStack::~QWidgetStack()
vfunc[7]:	QWidgetStack::~QWidgetStack()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)

vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QWidgetStack::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)

 © 2008 Linux Foundation

vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidgetStack::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidgetStack::sizeHint() const
vfunc[59]:	QWidgetStack::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)

vfunc[73]:	QWidget::wheelEvent(QWheelEvent *)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent *)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QWidgetStack::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange

 © 2008 Linux Foundation

	(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QWidgetStack::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QWidgetStack::frameChanged()
vfunc[118]:	QWidgetStack::setChildGeometries()

The Run Time Type Information for the QWidgetStack class is described by Table 18-476

Table 18-476 typeinfo for QWidgetStack

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWidgetStack
basetype:	typeinfo for QFrame

18.2.24.8 Class data for QButtonGroup

The virtual table for the QButtonGroup class is described by Table 18-477

Table 18-477 Primary vtable for QButtonGroup

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QButtonGroup
vfunc[0]:	NULL or QButtonGroup::metaObject() const
vfunc[1]:	QButtonGroup::className() const
vfunc[2]:	QButtonGroup::qt_cast(char const*)

vfunc[3]:	QButtonGroup::qt_invoke(int, QUObject*)
vfunc[4]:	QButtonGroup::qt_emit(int, QUObject*)
vfunc[5]:	QButtonGroup::qt_property(int, int, QVariant*)
vfunc[6]:	QButtonGroup::~QButtonGroup()
vfunc[7]:	QButtonGroup::~QButtonGroup()
vfunc[8]:	QButtonGroup::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QGroupBox::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QGroupBox::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)

 © 2008 Linux Foundation

vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QGroupBox::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*,

	unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QGroupBox::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QGroupBox::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QGroupBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragM

 © 2008 Linux Foundation

	oveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QGroupBox::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QGroupBox::setColumnLayout(int, Qt::Orientation)
vfunc[119]:	QGroupBox::setTitle(QString const&)
vfunc[120]:	QGroupBox::setAlignment(int)
vfunc[121]:	QButtonGroup::setExclusive(bool)

vfunc[122]:	QButtonGroup::setRadioButtonExclusive(bool)
vfunc[123]:	QButtonGroup::setButton(int)
vfunc[124]:	QButtonGroup::moveFocus(int)

The Run Time Type Information for the QButtonGroup class is described by Table 18-478

Table 18-478 typeinfo for QButtonGroup

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QButtonGroup
basetype:	typeinfo for QGroupBox

18.2.24.9 Class data for QVButtonGroup

The virtual table for the QVButtonGroup class is described by Table 18-479

Table 18-479 Primary vtable for QVButtonGroup

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QVButtonGroup
vfunc[0]:	NULL or QVButtonGroup::metaObject() const
vfunc[1]:	QVButtonGroup::className() const
vfunc[2]:	QVButtonGroup::qt_cast(char const*)
vfunc[3]:	QVButtonGroup::qt_invoke(int, QUObject*)
vfunc[4]:	QVButtonGroup::qt_emit(int, QUObject*)
vfunc[5]:	QVButtonGroup::qt_property(int, int, QVariant*)
vfunc[6]:	QVButtonGroup::~QVButtonGroup( )
vfunc[7]:	QVButtonGroup::~QVButtonGroup( )
vfunc[8]:	QButtonGroup::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const

© 2008 Linux Foundation

vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QGroupBox::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QGroupBox::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()

vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QGroupBox::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)

 © 2008 Linux Foundation

vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QGroupBox::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QGroupBox::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QGroupBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QGroupBox::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long,

	bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QGroupBox::setColumnLayout(int, Qt::Orientation)
vfunc[119]:	QGroupBox::setTitle(QString const&)
vfunc[120]:	QGroupBox::setAlignment(int)
vfunc[121]:	QButtonGroup::setExclusive(bool)
vfunc[122]:	QButtonGroup::setRadioButtonExclusive(bool)
vfunc[123]:	QButtonGroup::setButton(int)
vfunc[124]:	QButtonGroup::moveFocus(int)

The Run Time Type Information for the QVButtonGroup class is described by Table 18-480

Table 18-480 typeinfo for QVButtonGroup

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QVButtonGroup
basetype:	typeinfo for QButtonGroup

18.2.24.10 Class data for QGrid

The virtual table for the QGrid class is described by Table 18-481

Table 18-481 Primary vtable for QGrid

Base Offset	0

 © 2008 Linux Foundation

Virtual Base Offset	0
RTTI	typeinfo for QGrid
vfunc[0]:	NULL or QGrid::metaObject() const
vfunc[1]:	QGrid::className() const
vfunc[2]:	QGrid::qt_cast(char const*)
vfunc[3]:	QGrid::qt_invoke(int, QUObject*)
vfunc[4]:	QGrid::qt_emit(int, QUObject*)
vfunc[5]:	QGrid::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QGrid::~QGrid()
vfunc[7]:	NULL or QGrid::~QGrid()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)

vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QGrid::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)

© 2008 Linux Foundation

vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QFrame::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QFrame::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)

vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QGrid::frameChanged()

The Run Time Type Information for the QGrid class is described by Table 18-482

Table 18-482 typeinfo for QGrid

Base Vtable	vtable for

 © 2008 Linux Foundation

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QGrid
basetype:	typeinfo for QFrame

18.2.24.11 Class data for QVGroupBox

The virtual table for the QVGroupBox class is described by Table 18-483

Table 18-483 Primary vtable for QVGroupBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QVGroupBox
vfunc[0]:	NULL or QVGroupBox::metaObject() const
vfunc[1]:	QVGroupBox::className() const
vfunc[2]:	QVGroupBox::qt_cast(char const*)
vfunc[3]:	QVGroupBox::qt_invoke(int, QUObject*)
vfunc[4]:	QVGroupBox::qt_emit(int, QUObject*)
vfunc[5]:	QVGroupBox::qt_property(int, int, QVariant*)
vfunc[6]:	QVGroupBox::~QVGroupBox()
vfunc[7]:	QVGroupBox::~QVGroupBox()
vfunc[8]:	QGroupBox::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QGroupBox::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QGroupBox::setEnabled(bool)

vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()

 © 2008 Linux Foundation

vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QGroupBox::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QGroupBox::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QGroupBox::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*

	)
vfunc[82]:	QGroupBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QFrame::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QGroupBox::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)

 © 2008 Linux Foundation

vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QFrame::drawContents(QPainter*)
vfunc[117]:	QFrame::frameChanged()
vfunc[118]:	QGroupBox::setColumnLayout(int, Qt::Orientation)
vfunc[119]:	QGroupBox::setTitle(QString const&)
vfunc[120]:	QGroupBox::setAlignment(int)

The Run Time Type Information for the QVGroupBox class is described by Table 18-484

Table 18-484 typeinfo for QVGroupBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QVGroupBox
basetype:	typeinfo for QGroupBox

18.2.24.12 Interfaces for Qt3 Organizers

An LSB conforming implementation shall provide the generic functions for Qt3 Organizers specified in Table 18-485, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-485 libqt-mt - Qt3 Organizers Function Interfaces

_ZN10QHGroupBox11qt_propertyEiiP8QVariant [qt-mt]	_ZN10QHGroupBox16staticMetaObjectEv [qt-mt]
_ZN10QHGroupBox18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QHGroupBox2trEPKcS1_ [qt-mt]
ZN10QHGroupBox6trUtf8EPKcS1 [qt-mt]	_ZN10QHGroupBox7qt_castEPKc [qt-mt]
_ZN10QHGroupBox7qt_emitEiP8QUObject [qt-mt]	_ZN10QHGroupBox9qt_invokeEiP8QUObject [qt-mt]
_ZN10QHGroupBoxC1EP7QWidgetPKc [qt-mt]	_ZN10QHGroupBoxC1ERK7QStringP7QWidgetPKc [qt-mt]
_ZN10QHGroupBoxC2EP7QWidgetPKc [qt-mt]	_ZN10QHGroupBoxC2ERK7QStringP7QWidgetPKc [qt-mt]
_ZN10QHGroupBoxD0Ev [qt-mt]	_ZN10QHGroupBoxD1Ev [qt-mt]
_ZN10QHGroupBoxD2Ev [qt-mt]	_ZN10QVGroupBox11qt_propertyEiiP8QVariant [qt-mt]

_ZN10QVGroupBox16staticMetaObjectEv [qt-mt]	_ZN10QVGroupBox18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN10QVGroupBox2trEPKcS1 [qt-mt]	_ZN10QVGroupBox6trUtf8EPKcS1_ [qt-mt]
_ZN10QVGroupBox7qt_castEPKc [qt-mt]	_ZN10QVGroupBox7qt_emitEiP8QUObject [qt-mt]
_ZN10QVGroupBox9qt_invokeEiP8QUObject [qt-mt]	_ZN10QVGroupBoxC1EP7QWidgetPKc [qt-mt]
_ZN10QVGroupBoxC1ERK7QStringP7QWidgetPKc [qt-mt]	_ZN10QVGroupBoxC2EP7QWidgetPKc [qt-mt]
_ZN10QVGroupBoxC2ERK7QStringP7QWidgetPKc [qt-mt]	_ZN10QVGroupBoxD0Ev [qt-mt]
_ZN10QVGroupBoxD1Ev [qt-mt]	_ZN10QVGroupBoxD2Ev [qt-mt]
_ZN12QButtonGroup11qt_propertyEiiP8QVariant [qt-mt]	_ZN12QButtonGroup12setExclusiveEb [qt-mt]
_ZN12QButtonGroup13buttonClickedEv [qt-mt]	_ZN12QButtonGroup13buttonPressedEv [qt-mt]
_ZN12QButtonGroup13buttonToggledEb [qt-mt]	_ZN12QButtonGroup14buttonReleasedEv [qt-mt]
_ZN12QButtonGroup16staticMetaObjectEv [qt-mt]	_ZN12QButtonGroup18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN12QButtonGroup23setRadioButtonExclusiveEb [qt-mt]	_ZN12QButtonGroup2trEPKcS1_ [qt-mt]
_ZN12QButtonGroup4initEv [qt-mt]	_ZN12QButtonGroup5eventEP6QEvent [qt-mt]
_ZN12QButtonGroup6insertEP7QButtoni [qt-mt]	_ZN12QButtonGroup6removeEP7QButton [qt-mt]
ZN12QButtonGroup6trUtf8EPKcS1 [qt-mt]	_ZN12QButtonGroup7clickedEi [qt-mt]
_ZN12QButtonGroup7pressedEi [qt-mt]	_ZN12QButtonGroup7qt_castEPKc [qt-mt]
_ZN12QButtonGroup7qt_emitEiP8QUObject [qt-mt]	_ZN12QButtonGroup8releasedEi [qt-mt]
_ZN12QButtonGroup9moveFocusEi [qt-mt]	_ZN12QButtonGroup9qt_invokeEiP8QUObject [qt-mt]
_ZN12QButtonGroup9setButtonEi [qt-mt]	_ZN12QButtonGroupC1EP7QWidgetPKc [qt-mt]
_ZN12QButtonGroupC1ERK7QStringP7QWidgetPKc [qt-mt]	_ZN12QButtonGroupC1EiN2Qt11OrientationEP7QWidgetPKc [qt-mt]
_ZN12QButtonGroupC1EiN2Qt11OrientationERK7QStringP7QWidgetPKc [qt-mt]	_ZN12QButtonGroupC2EP7QWidgetPKc [qt-mt]
_ZN12QButtonGroupC2ERK7QStringP7QWidgetPKc [qt-mt]	_ZN12QButtonGroupC2EiN2Qt11OrientationEP7QWidgetPKc [qt-mt]
_ZN12QButtonGroupC2EiN2Qt11Or	_ZN12QButtonGroupD0Ev [qt-mt]

 © 2008 Linux Foundation

ientationERK7QStringP7QWidgetPKc [qt-mt]	
_ZN12QButtonGroupD1Ev [qt-mt]	_ZN12QButtonGroupD2Ev [qt-mt]
_ZN12QWidgetStack10childEventEP11QChildEvent [qt-mt]	_ZN12QWidgetStack11aboutToShowEP7QWidget [qt-mt]
_ZN12QWidgetStack11aboutToShowEi [qt-mt]	_ZN12QWidgetStack11qt_propertyEiiP8QVariant [qt-mt]
_ZN12QWidgetStack11raiseWidgetEP7QWidget [qt-mt]	_ZN12QWidgetStack11raiseWidgetEi [qt-mt]
_ZN12QWidgetStack11resizeEventEP12QResizeEvent [qt-mt]	_ZN12QWidgetStack12frameChangedEv [qt-mt]
_ZN12QWidgetStack12removeWidgetEP7QWidget [qt-mt]	_ZN12QWidgetStack12setFrameRectERK5QRect [qt-mt]
_ZN12QWidgetStack16staticMetaObjectEv [qt-mt]	_ZN12QWidgetStack18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN12QWidgetStack18setChildGeometriesEv [qt-mt]	_ZN12QWidgetStack2trEPKcS1_ [qt-mt]
_ZN12QWidgetStack4initEv [qt-mt]	_ZN12QWidgetStack4showEv [qt-mt]
ZN12QWidgetStack6trUtf8EPKcS1 [qt-mt]	_ZN12QWidgetStack7qt_castEPKc [qt-mt]
_ZN12QWidgetStack7qt_emitEiP8QUObject [qt-mt]	_ZN12QWidgetStack9addWidgetEP7QWidgeti [qt-mt]
_ZN12QWidgetStack9qt_invokeEiP8QUObject [qt-mt]	_ZN12QWidgetStackC1EP7QWidgetPKc [qt-mt]
_ZN12QWidgetStackC1EP7QWidgetPKcj [qt-mt]	_ZN12QWidgetStackC2EP7QWidgetPKc [qt-mt]
_ZN12QWidgetStackC2EP7QWidgetPKcj [qt-mt]	_ZN12QWidgetStackD0Ev [qt-mt]
_ZN12QWidgetStackD1Ev [qt-mt]	_ZN12QWidgetStackD2Ev [qt-mt]
_ZN13QHButtonGroup11qt_propertyEiiP8QVariant [qt-mt]	_ZN13QHButtonGroup16staticMetaObjectEv [qt-mt]
_ZN13QHButtonGroup18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN13QHButtonGroup2trEPKcS1_ [qt-mt]
ZN13QHButtonGroup6trUtf8EPKcS1 [qt-mt]	_ZN13QHButtonGroup7qt_castEPKc [qt-mt]
_ZN13QHButtonGroup7qt_emitEiP8QUObject [qt-mt]	_ZN13QHButtonGroup9qt_invokeEiP8QUObject [qt-mt]
_ZN13QHButtonGroupC1EP7QWidgetPKc [qt-mt]	_ZN13QHButtonGroupC1ERK7QStringP7QWidgetPKc [qt-mt]
_ZN13QHButtonGroupC2EP7QWidgetPKc [qt-mt]	_ZN13QHButtonGroupC2ERK7QStringP7QWidgetPKc [qt-mt]
_ZN13QHButtonGroupD0Ev [qt-mt]	_ZN13QHButtonGroupD1Ev [qt-mt]

_ZN13QHButtonGroupD2Ev [qt-mt]	_ZN13QVButtonGroup11qt_propertyEiiP8QVariant [qt-mt]
_ZN13QVButtonGroup16staticMetaObjectEv [qt-mt]	_ZN13QVButtonGroup18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN13QVButtonGroup2trEPKcS1 [qt-mt]	_ZN13QVButtonGroup6trUtf8EPKcS1_ [qt-mt]
_ZN13QVButtonGroup7qt_castEPKc [qt-mt]	_ZN13QVButtonGroup7qt_emitEiP8QUObject [qt-mt]
_ZN13QVButtonGroup9qt_invokeEiP8QUObject [qt-mt]	_ZN13QVButtonGroupC1EP7QWidgetPKc [qt-mt]
_ZN13QVButtonGroupC1ERK7QStringP7QWidgetPKc [qt-mt]	_ZN13QVButtonGroupC2EP7QWidgetPKc [qt-mt]
_ZN13QVButtonGroupC2ERK7QStringP7QWidgetPKc [qt-mt]	_ZN13QVButtonGroupD0Ev [qt-mt]
_ZN13QVButtonGroupD1Ev [qt-mt]	_ZN13QVButtonGroupD2Ev [qt-mt]
_ZN5QGrid10setSpacingEi [qt-mt]	_ZN5QGrid11qt_propertyEiiP8QVariant [qt-mt]
_ZN5QGrid12frameChangedEv [qt-mt]	_ZN5QGrid16staticMetaObjectEv [qt-mt]
_ZN5QGrid18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN5QGrid2trEPKcS1_ [qt-mt]
ZN5QGrid6trUtf8EPKcS1 [qt-mt]	_ZN5QGrid7qt_castEPKc [qt-mt]
_ZN5QGrid7qt_emitEiP8QUObject [qt-mt]	_ZN5QGrid9qt_invokeEiP8QUObject [qt-mt]
_ZN5QGridC1EiN2Qt11OrientationEP7QWidgetPKcj [qt-mt]	_ZN5QGridC1EiP7QWidgetPKcj [qt-mt]
_ZN5QGridC2EiN2Qt11OrientationEP7QWidgetPKcj [qt-mt]	_ZN5QGridC2EiP7QWidgetPKcj [qt-mt]
_ZN5QHBox10setSpacingEi [qt-mt]	_ZN5QHBox11qt_propertyEiiP8QVariant [qt-mt]
_ZN5QHBox12frameChangedEv [qt-mt]	_ZN5QHBox16setStretchFactorEP7QWidgeti [qt-mt]
_ZN5QHBox16staticMetaObjectEv [qt-mt]	_ZN5QHBox18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN5QHBox2trEPKcS1 [qt-mt]	_ZN5QHBox6trUtf8EPKcS1_ [qt-mt]
_ZN5QHBox7qt_castEPKc [qt-mt]	_ZN5QHBox7qt_emitEiP8QUObject [qt-mt]
_ZN5QHBox9qt_invokeEiP8QUObject [qt-mt]	_ZN5QHBoxC1EP7QWidgetPKcj [qt-mt]
_ZN5QHBoxC1EbP7QWidgetPKcj [qt-mt]	_ZN5QHBoxC2EP7QWidgetPKcj [qt-mt]
_ZN5QHBoxC2EbP7QWidgetPKcj [qt-mt]	_ZN5QVBox11qt_propertyEiiP8QVariant [qt-mt]
_ZN5QVBox16staticMetaObjectEv	_ZN5QVBox18qt_static_propertyEP

 © 2008 Linux Foundation

[qt-mt]	7QObjectiiP8QVariant [qt-mt]
ZN5QVBox2trEPKcS1 [qt-mt]	_ZN5QVBox6trUtf8EPKcS1_ [qt-mt]
_ZN5QVBox7qt_castEPKc [qt-mt]	_ZN5QVBox7qt_emitEiP8QUObject [qt-mt]
_ZN5QVBox9qt_invokeEiP8QUObject [qt-mt]	_ZN5QVBoxC1EP7QWidgetPKcj [qt-mt]
_ZN5QVBoxC2EP7QWidgetPKcj [qt-mt]	_ZN9QGroupBox10childEventEP11QChildEvent [qt-mt]
_ZN9QGroupBox10fontChangeERK5QFont [qt-mt]	_ZN9QGroupBox10paintEventEP11QPaintEvent [qt-mt]
_ZN9QGroupBox10setCheckedEb [qt-mt]	_ZN9QGroupBox10setColumnsEi [qt-mt]
_ZN9QGroupBox10setEnabledEb [qt-mt]	_ZN9QGroupBox11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QGroupBox11resizeEventEP12QResizeEvent [qt-mt]	_ZN9QGroupBox12focusInEventEP11QFocusEvent [qt-mt]
_ZN9QGroupBox12setAlignmentEi [qt-mt]	_ZN9QGroupBox12setCheckableEb [qt-mt]
_ZN9QGroupBox13setTextSpacerEv [qt-mt]	_ZN9QGroupBox14calculateFrameEv [qt-mt]
_ZN9QGroupBox14setOrientationEN2Qt11OrientationE [qt-mt]	_ZN9QGroupBox15setColumnLayoutEiN2Qt11OrientationE [qt-mt]
_ZN9QGroupBox15setInsideMarginEi [qt-mt]	_ZN9QGroupBox16setInsideSpacingEi [qt-mt]
_ZN9QGroupBox16staticMetaObjectEv [qt-mt]	_ZN9QGroupBox18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN9QGroupBox18setChildrenEnabledEb [qt-mt]	_ZN9QGroupBox22updateCheckBoxGeometryEv [qt-mt]
ZN9QGroupBox2trEPKcS1 [qt-mt]	_ZN9QGroupBox4initEv [qt-mt]
_ZN9QGroupBox4skipEv [qt-mt]	_ZN9QGroupBox5eventEP6QEvent [qt-mt]
ZN9QGroupBox6trUtf8EPKcS1 [qt-mt]	_ZN9QGroupBox7qt_castEPKc [qt-mt]
_ZN9QGroupBox7qt_emitEiP8QUObject [qt-mt]	_ZN9QGroupBox7setFlatEb [qt-mt]
_ZN9QGroupBox7toggledEb [qt-mt]	_ZN9QGroupBox8addSpaceEi [qt-mt]
_ZN9QGroupBox8fixFocusEv [qt-mt]	_ZN9QGroupBox8setTitleERK7QString [qt-mt]
_ZN9QGroupBox9insertWidEP7QWidget [qt-mt]	_ZN9QGroupBox9qt_invokeEiP8QUObject [qt-mt]
_ZN9QGroupBoxC1EP7QWidgetPKc [qt-mt]	_ZN9QGroupBoxC1ERK7QStringP7QWidgetPKc [qt-mt]
_ZN9QGroupBoxC1EiN2Qt11OrientationEP7QWidgetPKc [qt-mt]	_ZN9QGroupBoxC1EiN2Qt11OrientationERK7QStringP7QWidgetPKc

	[qt-mt]
_ZN9QGroupBoxC2EP7QWidgetPKc [qt-mt]	_ZN9QGroupBoxC2ERK7QStringP7QWidgetPKc [qt-mt]
_ZN9QGroupBoxC2EiN2Qt11OrientationEP7QWidgetPKc [qt-mt]	_ZN9QGroupBoxC2EiN2Qt11OrientationERK7QStringP7QWidgetPKc [qt-mt]
_ZN9QGroupBoxD0Ev [qt-mt]	_ZN9QGroupBoxD1Ev [qt-mt]
_ZN9QGroupBoxD2Ev [qt-mt]	_ZN9QSplitter10childEventEP11QChildEvent [qt-mt]
_ZN9QSplitter10findWidgetEP7QWidget [qt-mt]	_ZN9QSplitter10moveToLastEP7QWidget [qt-mt]
_ZN9QSplitter10storeSizesEv [qt-mt]	_ZN9QSplitter11collapsibleEP21QSplitterLayoutStruct [qt-mt]
_ZN9QSplitter11moveToFirstEP7QWidget [qt-mt]	_ZN9QSplitter11qt_propertyEiiP8QVariant [qt-mt]
_ZN9QSplitter11resizeEventEP12QResizeEvent [qt-mt]	_ZN9QSplitter11styleChangeER6QStyle [qt-mt]
_ZN9QSplitter12drawSplitterEP8QPainteriiii [qt-mt]	_ZN9QSplitter12moveSplitterEii [qt-mt]
_ZN9QSplitter13setResizeModeEP7QWidgetNS_10ResizeModeE [qt-mt]	_ZN9QSplitter13setRubberbandEi [qt-mt]
_ZN9QSplitter13updateHandlesEv [qt-mt]	_ZN9QSplitter14setCollapsibleEP7QWidgetb [qt-mt]
_ZN9QSplitter14setHandleWidthEi [qt-mt]	_ZN9QSplitter14setOrientationEN2Qt11OrientationE [qt-mt]
_ZN9QSplitter15addContributionEiPiS0_b [qt-mt]	_ZN9QSplitter15setOpaqueResizeEb [qt-mt]
_ZN9QSplitter16staticMetaObjectEv [qt-mt]	_ZN9QSplitter18processChildEventsEv [qt-mt]
_ZN9QSplitter18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN9QSplitter22setChildrenCollapsibleEb [qt-mt]
ZN9QSplitter2trEPKcS1 [qt-mt]	_ZN9QSplitter31findWidgetJustBeforeOrJustAfterEiiRi [qt-mt]
_ZN9QSplitter4initEv [qt-mt]	_ZN9QSplitter5eventEP6QEvent [qt-mt]
_ZN9QSplitter6doMoveEbiiibb [qt-mt]	_ZN9QSplitter6recalcEb [qt-mt]
_ZN9QSplitter6setGeoEP7QWidgetiib [qt-mt]	_ZN9QSplitter6trUtf8EPKcS1_ [qt-mt]
_ZN9QSplitter7qt_castEPKc [qt-mt]	_ZN9QSplitter7qt_emitEiP8QUObject [qt-mt]
_ZN9QSplitter8doResizeEv [qt-mt]	_ZN9QSplitter8getRangeEiPiS0_ [qt-mt]
_ZN9QSplitter8getRangeEiPiS0_S0_S0_ [qt-mt]	_ZN9QSplitter8recalcIdEv [qt-mt]

 © 2008 Linux Foundation

_ZN9QSplitter8setSizesE10QValueListIiE [qt-mt]	_ZN9QSplitter9addWidgetEP7QWidgetb [qt-mt]
_ZN9QSplitter9adjustPosEii [qt-mt]	_ZN9QSplitter9adjustPosEiiPiS0_S0_S0_ [qt-mt]
_ZN9QSplitter9qt_invokeEiP8QUObject [qt-mt]	_ZN9QSplitterC1EN2Qt11OrientationEP7QWidgetPKc [qt-mt]
_ZN9QSplitterC1EP7QWidgetPKc [qt-mt]	_ZN9QSplitterC2EN2Qt11OrientationEP7QWidgetPKc [qt-mt]
_ZN9QSplitterC2EP7QWidgetPKc [qt-mt]	_ZN9QSplitterD0Ev [qt-mt]
_ZN9QSplitterD1Ev [qt-mt]	_ZN9QSplitterD2Ev [qt-mt]
_ZNK10QHGroupBox9classNameEv [qt-mt]	_ZNK10QVGroupBox9classNameEv [qt-mt]
_ZNK12QButtonGroup10selectedIdEv [qt-mt]	_ZNK12QButtonGroup11isExclusiveEv [qt-mt]
_ZNK12QButtonGroup2idEP7QButton [qt-mt]	_ZNK12QButtonGroup4findEi [qt-mt]
_ZNK12QButtonGroup5countEv [qt-mt]	_ZNK12QButtonGroup8selectedEv [qt-mt]
_ZNK12QButtonGroup9classNameEv [qt-mt]	_ZNK12QWidgetStack13visibleWidgetEv [qt-mt]
_ZNK12QWidgetStack15minimumSizeHintEv [qt-mt]	_ZNK12QWidgetStack2idEP7QWidget [qt-mt]
_ZNK12QWidgetStack6widgetEi [qt-mt]	_ZNK12QWidgetStack8sizeHintEv [qt-mt]
_ZNK12QWidgetStack9classNameEv [qt-mt]	_ZNK13QHButtonGroup9classNameEv [qt-mt]
_ZNK13QVButtonGroup9classNameEv [qt-mt]	_ZNK5QGrid8sizeHintEv [qt-mt]
_ZNK5QGrid9classNameEv [qt-mt]	_ZNK5QHBox8sizeHintEv [qt-mt]
_ZNK5QHBox9classNameEv [qt-mt]	_ZNK5QVBox9classNameEv [qt-mt]
_ZNK9QGroupBox11isCheckableEv [qt-mt]	_ZNK9QGroupBox12insideMarginEv [qt-mt]
_ZNK9QGroupBox13insideSpacingEv [qt-mt]	_ZNK9QGroupBox6isFlatEv [qt-mt]
_ZNK9QGroupBox7columnsEv [qt-mt]	_ZNK9QGroupBox8sizeHintEv [qt-mt]
_ZNK9QGroupBox9classNameEv [qt-mt]	_ZNK9QGroupBox9isCheckedEv [qt-mt]
_ZNK9QSplitter11handleWidthEv [qt-mt]	_ZNK9QSplitter12opaqueResizeEv [qt-mt]
_ZNK9QSplitter15minimumSizeHintEv [qt-mt]	_ZNK9QSplitter19childrenCollapsibleEv [qt-mt]
_ZNK9QSplitter5sizesEv [qt-mt]	_ZNK9QSplitter7idAfterEP7QWidget [qt-mt]

_ZNK9QSplitter8sizeHintEv [qt-mt]	_ZNK9QSplitter9classNameEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Organizers specified in Table 18-486, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-486 libqt-mt - Qt3 Organizers Data Interfaces

_ZN10QHGroupBox7metaObjE [qt-mt]	_ZN10QVGroupBox7metaObjE [qt-mt]
_ZN12QButtonGroup7metaObjE [qt-mt]	_ZN12QWidgetStack7metaObjE [qt-mt]
_ZN13QHButtonGroup7metaObjE [qt-mt]	_ZN13QVButtonGroup7metaObjE [qt-mt]
_ZN5QGrid7metaObjE [qt-mt]	_ZN5QHBox7metaObjE [qt-mt]
_ZN5QVBox7metaObjE [qt-mt]	_ZN9QGroupBox7metaObjE [qt-mt]
_ZN9QSplitter7metaObjE [qt-mt]	_ZTI10QHGroupBox [CXXABI]
_ZTI10QVGroupBox [CXXABI]	_ZTI12QButtonGroup [CXXABI]
_ZTI12QWidgetStack [CXXABI]	_ZTI13QHButtonGroup [CXXABI]
_ZTI13QVButtonGroup [CXXABI]	_ZTI5QGrid [CXXABI]
_ZTI5QHBox [CXXABI]	_ZTI5QVBox [CXXABI]
_ZTI9QGroupBox [CXXABI]	_ZTI9QSplitter [CXXABI]
_ZTV10QHGroupBox [CXXABI]	_ZTV10QVGroupBox [CXXABI]
_ZTV12QButtonGroup [CXXABI]	_ZTV12QWidgetStack [CXXABI]
_ZTV13QHButtonGroup [CXXABI]	_ZTV13QVButtonGroup [CXXABI]
_ZTV5QGrid [CXXABI]	_ZTV5QHBox [CXXABI]
_ZTV5QVBox [CXXABI]	_ZTV9QGroupBox [CXXABI]
_ZTV9QSplitter [CXXABI]	

18.2.25 Qt3 Layouts

18.2.25.1 Class data for QDockAreaLayout

The virtual table for the QDockAreaLayout class is described by Table 18-487

Table 18-487 Primary vtable for QDockAreaLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDockAreaLayout
vfunc[0]:	NULL or QDockAreaLayout::metaObject() const
vfunc[1]:	QDockAreaLayout::className() const
vfunc[2]:	QDockAreaLayout::qt_cast(char const*)

 © 2008 Linux Foundation

vfunc[3]:	QDockAreaLayout::qt_invoke(int, QUObject*)
vfunc[4]:	QDockAreaLayout::qt_emit(int, QUObject*)
vfunc[5]:	QDockAreaLayout::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QDockAreaLayout::~QDockAreaLayout()
vfunc[7]:	NULL or QDockAreaLayout::~QDockAreaLayout()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QLayout::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QLayout::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QLayout::setMargin(int)
vfunc[22]:	QLayout::setSpacing(int)
vfunc[23]:	QLayout::setMenuBar(QMenuBar*)
vfunc[24]:	QLayout::setAutoAdd(bool)
vfunc[25]:	QDockAreaLayout::invalidate()
vfunc[26]:	QLayout::geometry() const
vfunc[27]:	NULL or QDockAreaLayout::addItem(QLayoutItem*)
vfunc[28]:	NULL or QDockAreaLayout::expanding() const
vfunc[29]:	QDockAreaLayout::minimumSize() const

vfunc[30]:	QLayout::maximumSize() const
vfunc[31]:	QDockAreaLayout::setGeometry(QRect const&)
vfunc[32]:	QDockAreaLayout::iterator()
vfunc[33]:	QLayout::isEmpty() const
vfunc[34]:	QLayout::layout()
vfunc[35]:	QDockAreaLayout::hasHeightForWidth() const
vfunc[36]:	QDockAreaLayout::heightForWidth(int) const
vfunc[37]:	QDockAreaLayout::sizeHint() const

The Run Time Type Information for the QDockAreaLayout class is described by Table 18-488

Table 18-488 typeinfo for QDockAreaLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDockAreaLayout
basetype:	typeinfo for QLayout

18.2.25.2 Class data for QBoxLayout

The virtual table for the QBoxLayout class is described by Table 18-489

Table 18-489 Primary vtable for QBoxLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QBoxLayout
vfunc[0]:	NULL or QBoxLayout::metaObject() const
vfunc[1]:	QBoxLayout::className() const
vfunc[2]:	QBoxLayout::qt_cast(char const*)
vfunc[3]:	QBoxLayout::qt_invoke(int, QUObject*)
vfunc[4]:	QBoxLayout::qt_emit(int, QUObject*)
vfunc[5]:	QBoxLayout::qt_property(int, int, QVariant*)
vfunc[6]:	QBoxLayout::~QBoxLayout()
vfunc[7]:	QBoxLayout::~QBoxLayout()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QLayout::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)

 © 2008 Linux Foundation

vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QLayout::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QLayout::setMargin(int)
vfunc[22]:	QLayout::setSpacing(int)
vfunc[23]:	QLayout::setMenuBar(QMenuBar*)
vfunc[24]:	QLayout::setAutoAdd(bool)
vfunc[25]:	QBoxLayout::invalidate()
vfunc[26]:	QLayout::geometry() const
vfunc[27]:	QBoxLayout::addItem(QLayoutItem*)
vfunc[28]:	QBoxLayout::expanding() const
vfunc[29]:	QBoxLayout::minimumSize() const
vfunc[30]:	QBoxLayout::maximumSize() const
vfunc[31]:	QBoxLayout::setGeometry(QRect const&)
vfunc[32]:	QBoxLayout::iterator()
vfunc[33]:	QLayout::isEmpty() const
vfunc[34]:	QLayout::layout()
vfunc[35]:	QBoxLayout::sizeHint() const
vfunc[36]:	QBoxLayout::hasHeightForWidth() const
vfunc[37]:	QBoxLayout::heightForWidth(int) const

The Run Time Type Information for the QBoxLayout class is described by Table 18-490

Table 18-490 typeinfo for QBoxLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QBoxLayout
basetype:	typeinfo for QLayout

18.2.25.3 Class data for QLayout

The virtual table for the QLayout class is described by Table 18-491

Table 18-491 Primary vtable for QLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLayout
vfunc[0]:	NULL or QLayout::metaObject() const
vfunc[1]:	QLayout::className() const
vfunc[2]:	QLayout::qt_cast(char const*)
vfunc[3]:	QLayout::qt_invoke(int, QUObject*)
vfunc[4]:	QLayout::qt_emit(int, QUObject*)
vfunc[5]:	QLayout::qt_property(int, int, QVariant*)
vfunc[6]:	QLayout::~QLayout()
vfunc[7]:	QLayout::~QLayout()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QLayout::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QLayout::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QLayout::setMargin(int)
vfunc[22]:	QLayout::setSpacing(int)
vfunc[23]:	QLayout::setMenuBar(QMenuBar*)
vfunc[24]:	QLayout::setAutoAdd(bool)
vfunc[25]:	QLayout::invalidate()
vfunc[26]:	QLayout::geometry() const
vfunc[27]:	__cxa_pure_virtual

© 2008 Linux Foundation

vfunc[28]:	QLayout::expanding() const
vfunc[29]:	QLayout::minimumSize() const
vfunc[30]:	QLayout::maximumSize() const
vfunc[31]:	__cxa_pure_virtual
vfunc[32]:	__cxa_pure_virtual
vfunc[33]:	QLayout::isEmpty() const
vfunc[34]:	QLayout::layout()

The Run Time Type Information for the QLayout class is described by Table 18-492

Table 18-492 typeinfo for QLayout

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QLayout	
flags:	0	
basetype:	typeinfo for QObject	2
basetype:	typeinfo for QLayoutItem	10242

18.2.25.4 Class data for QHBoxLayout

The virtual table for the QHBoxLayout class is described by Table 18-493

Table 18-493 Primary vtable for QHBoxLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHBoxLayout
vfunc[0]:	NULL or QHBoxLayout::metaObject() const
vfunc[1]:	QHBoxLayout::className() const
vfunc[2]:	QHBoxLayout::qt_cast(char const*)
vfunc[3]:	QHBoxLayout::qt_invoke(int, QUObject*)
vfunc[4]:	QHBoxLayout::qt_emit(int, QUObject*)
vfunc[5]:	QHBoxLayout::qt_property(int, int, QVariant*)
vfunc[6]:	QHBoxLayout::~QHBoxLayout()
vfunc[7]:	QHBoxLayout::~QHBoxLayout()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QLayout::eventFilter(QObject*, QEvent*)

vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QLayout::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QLayout::setMargin(int)
vfunc[22]:	QLayout::setSpacing(int)
vfunc[23]:	QLayout::setMenuBar(QMenuBar*)
vfunc[24]:	QLayout::setAutoAdd(bool)
vfunc[25]:	QBoxLayout::invalidate()
vfunc[26]:	QLayout::geometry() const
vfunc[27]:	QBoxLayout::addItem(QLayoutItem*)
vfunc[28]:	QBoxLayout::expanding() const
vfunc[29]:	QBoxLayout::minimumSize() const
vfunc[30]:	QBoxLayout::maximumSize() const
vfunc[31]:	QBoxLayout::setGeometry(QRect const&)
vfunc[32]:	QBoxLayout::iterator()
vfunc[33]:	QLayout::isEmpty() const
vfunc[34]:	QLayout::layout()
vfunc[35]:	QBoxLayout::sizeHint() const
vfunc[36]:	QBoxLayout::hasHeightForWidth() const
vfunc[37]:	QBoxLayout::heightForWidth(int) const

The Run Time Type Information for the QHBoxLayout class is described by Table 18-494

Table 18-494 typeinfo for QHBoxLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHBoxLayout

© 2008 Linux Foundation

basetype:	typeinfo for QBoxLayout

18.2.25.5 Class data for QVBoxLayout

The virtual table for the QVBoxLayout class is described by Table 18-495

Table 18-495 Primary vtable for QVBoxLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QVBoxLayout
vfunc[0]:	NULL or QVBoxLayout::metaObject() const
vfunc[1]:	QVBoxLayout::className() const
vfunc[2]:	QVBoxLayout::qt_cast(char const*)
vfunc[3]:	QVBoxLayout::qt_invoke(int, QUObject*)
vfunc[4]:	QVBoxLayout::qt_emit(int, QUObject*)
vfunc[5]:	QVBoxLayout::qt_property(int, int, QVariant*)
vfunc[6]:	QVBoxLayout::~QVBoxLayout()
vfunc[7]:	QVBoxLayout::~QVBoxLayout()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QLayout::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QLayout::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QLayout::setMargin(int)
vfunc[22]:	QLayout::setSpacing(int)
vfunc[23]:	QLayout::setMenuBar(QMenuBar*)
vfunc[24]:	QLayout::setAutoAdd(bool)

vfunc[25]:	QBoxLayout::invalidate()
vfunc[26]:	QLayout::geometry() const
vfunc[27]:	QBoxLayout::addItem(QLayoutItem *)
vfunc[28]:	QBoxLayout::expanding() const
vfunc[29]:	QBoxLayout::minimumSize() const
vfunc[30]:	QBoxLayout::maximumSize() const
vfunc[31]:	QBoxLayout::setGeometry(QRect const&)
vfunc[32]:	QBoxLayout::iterator()
vfunc[33]:	QLayout::isEmpty() const
vfunc[34]:	QLayout::layout()
vfunc[35]:	QBoxLayout::sizeHint() const
vfunc[36]:	QBoxLayout::hasHeightForWidth() const
vfunc[37]:	QBoxLayout::heightForWidth(int) const

The Run Time Type Information for the QVBoxLayout class is described by Table 18-496

Table 18-496 typeinfo for QVBoxLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QVBoxLayout
basetype:	typeinfo for QBoxLayout

18.2.25.6 Class data for QGLayoutIterator

The virtual table for the QGLayoutIterator class is described by Table 18-497

Table 18-497 Primary vtable for QGLayoutIterator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGLayoutIterator
vfunc[0]:	QGLayoutIterator::~QGLayoutIterator()
vfunc[1]:	QGLayoutIterator::~QGLayoutIterator()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual

The Run Time Type Information for the QGLayoutIterator class is described by Table 18-498

 © 2008 Linux Foundation

Table 18-498 typeinfo for QGLayoutIterator

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QGLayoutIterator	
flags:	0	
basetype:	typeinfo for QShared	1026

18.2.25.7 Class data for QWidgetItem

The virtual table for the QWidgetItem class is described by Table 18-499

Table 18-499 Primary vtable for QWidgetItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWidgetItem
vfunc[0]:	NULL or QWidgetItem::~QWidgetItem()
vfunc[1]:	NULL or QWidgetItem::~QWidgetItem()
vfunc[2]:	QWidgetItem::sizeHint() const
vfunc[3]:	QWidgetItem::minimumSize() const
vfunc[4]:	QWidgetItem::maximumSize() const
vfunc[5]:	QWidgetItem::expanding() const
vfunc[6]:	QWidgetItem::setGeometry(QRect const&)
vfunc[7]:	QWidgetItem::geometry() const
vfunc[8]:	QWidgetItem::isEmpty() const
vfunc[9]:	QWidgetItem::hasHeightForWidth() const
vfunc[10]:	QWidgetItem::heightForWidth(int) const
vfunc[11]:	QLayoutItem::invalidate()
vfunc[12]:	QWidgetItem::widget()
vfunc[13]:	QLayoutItem::iterator()
vfunc[14]:	QLayoutItem::layout()
vfunc[15]:	QLayoutItem::spacerItem()
vfunc[16]:	QLayoutItem::setAlignment(int)

The Run Time Type Information for the QWidgetItem class is described by Table 18-500

Table 18-500 typeinfo for QWidgetItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info

Name	typeinfo name for QWidgetItem
basetype:	typeinfo for QLayoutItem

18.2.25.8 Class data for QGridLayout

The virtual table for the QGridLayout class is described by Table 18-501

Table 18-501 Primary vtable for QGridLayout

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGridLayout
vfunc[0]:	NULL or QGridLayout::metaObject() const
vfunc[1]:	QGridLayout::className() const
vfunc[2]:	QGridLayout::qt_cast(char const*)
vfunc[3]:	QGridLayout::qt_invoke(int, QUObject*)
vfunc[4]:	QGridLayout::qt_emit(int, QUObject*)
vfunc[5]:	QGridLayout::qt_property(int, int, QVariant*)
vfunc[6]:	QGridLayout::~QGridLayout()
vfunc[7]:	QGridLayout::~QGridLayout()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QLayout::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QLayout::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QLayout::setMargin(int)
vfunc[22]:	QLayout::setSpacing(int)
vfunc[23]:	QLayout::setMenuBar(QMenuBar*)

© 2008 Linux Foundation

vfunc[24]:	QLayout::setAutoAdd(bool)
vfunc[25]:	QGridLayout::invalidate()
vfunc[26]:	QLayout::geometry() const
vfunc[27]:	QGridLayout::addItem(QLayoutItem*)
vfunc[28]:	QGridLayout::expanding() const
vfunc[29]:	QGridLayout::minimumSize() const
vfunc[30]:	QGridLayout::maximumSize() const
vfunc[31]:	QGridLayout::setGeometry(QRect const&)
vfunc[32]:	QGridLayout::iterator()
vfunc[33]:	QLayout::isEmpty() const
vfunc[34]:	QLayout::layout()
vfunc[35]:	QGridLayout::sizeHint() const
vfunc[36]:	QGridLayout::setRowStretch(int, int)
vfunc[37]:	QGridLayout::setColStretch(int, int)
vfunc[38]:	QGridLayout::hasHeightForWidth() const
vfunc[39]:	QGridLayout::heightForWidth(int) const

The Run Time Type Information for the QGridLayout class is described by Table 18-502

Table 18-502 typeinfo for QGridLayout

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGridLayout
basetype:	typeinfo for QLayout

18.2.25.9 Class data for QSpacerItem

The virtual table for the QSpacerItem class is described by Table 18-503

Table 18-503 Primary vtable for QSpacerItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSpacerItem
vfunc[0]:	NULL or QSpacerItem::~QSpacerItem()
vfunc[1]:	NULL or QSpacerItem::~QSpacerItem()
vfunc[2]:	QSpacerItem::sizeHint() const
vfunc[3]:	QSpacerItem::minimumSize() const
vfunc[4]:	QSpacerItem::maximumSize() const

vfunc[5]:	QSpacerItem::expanding() const
vfunc[6]:	QSpacerItem::setGeometry(QRect const&)
vfunc[7]:	QSpacerItem::geometry() const
vfunc[8]:	QSpacerItem::isEmpty() const
vfunc[9]:	QLayoutItem::hasHeightForWidth() const
vfunc[10]:	QLayoutItem::heightForWidth(int) const
vfunc[11]:	QLayoutItem::invalidate()
vfunc[12]:	QLayoutItem::widget()
vfunc[13]:	QLayoutItem::iterator()
vfunc[14]:	QLayoutItem::layout()
vfunc[15]:	QSpacerItem::spacerItem()
vfunc[16]:	QLayoutItem::setAlignment(int)

The Run Time Type Information for the QSpacerItem class is described by Table 18-504

Table 18-504 typeinfo for QSpacerItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSpacerItem
basetype:	typeinfo for QLayoutItem

18.2.25.10 Class data for QLayoutItem

The virtual table for the QLayoutItem class is described by Table 18-505

Table 18-505 Primary vtable for QLayoutItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLayoutItem
vfunc[0]:	QLayoutItem::~QLayoutItem()
vfunc[1]:	QLayoutItem::~QLayoutItem()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	QLayoutItem::hasHeightForWidth() const
vfunc[10]:	QLayoutItem::heightForWidth(int)

 © 2008 Linux Foundation

	const
vfunc[11]:	QLayoutItem::invalidate()
vfunc[12]:	QLayoutItem::widget()
vfunc[13]:	QLayoutItem::iterator()
vfunc[14]:	QLayoutItem::layout()
vfunc[15]:	QLayoutItem::spacerItem()
vfunc[16]:	QLayoutItem::setAlignment(int)

The Run Time Type Information for the QLayoutItem class is described by Table 18-506

Table 18-506 typeinfo for QLayoutItem

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QLayoutItem

18.2.25.11 Interfaces for Qt3 Layouts

An LSB conforming implementation shall provide the generic functions for Qt3 Layouts specified in Table 18-507, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-507 libqt-mt - Qt3 Layouts Function Interfaces

_ZN10QBoxLayout10addSpacingEi [qt-mt]	_ZN10QBoxLayout10addStretchEi [qt-mt]
_ZN10QBoxLayout10findWidgetEP7QWidget [qt-mt]	_ZN10QBoxLayout10insertItemEiP11QLayoutItem [qt-mt]
_ZN10QBoxLayout10invalidateEv [qt-mt]	_ZN10QBoxLayout11qt_propertyEiiP8QVariant [qt-mt]
_ZN10QBoxLayout11setGeometryERK5QRect [qt-mt]	_ZN10QBoxLayout12insertLayoutEiP7QLayouti [qt-mt]
_ZN10QBoxLayout12insertWidgetEiP7QWidgetii [qt-mt]	_ZN10QBoxLayout12setDirectionENS_9DirectionE [qt-mt]
_ZN10QBoxLayout13createTmpCopyEv [qt-mt]	_ZN10QBoxLayout13insertSpacingEii [qt-mt]
_ZN10QBoxLayout13insertStretchEii [qt-mt]	_ZN10QBoxLayout16setStretchFactorEP7QLayouti [qt-mt]
_ZN10QBoxLayout16setStretchFactorEP7QWidgeti [qt-mt]	_ZN10QBoxLayout16staticMetaObjectEv [qt-mt]
_ZN10QBoxLayout18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QBoxLayout2trEPKcS1_ [qt-mt]
ZN10QBoxLayout6trUtf8EPKcS1 [qt-mt]	_ZN10QBoxLayout7addItemEP11QLayoutItem [qt-mt]
_ZN10QBoxLayout7calcHfwEi [qt-mt]	_ZN10QBoxLayout7qt_castEPKc [qt-mt]
_ZN10QBoxLayout7qt_emitEiP8QUObject [qt-mt]	_ZN10QBoxLayout8addStrutEi [qt-mt]

_ZN10QBoxLayout8iteratorEv [qt-mt]	_ZN10QBoxLayout9addLayoutEP7QLayouti [qt-mt]
_ZN10QBoxLayout9addWidgetEP7QWidgetii [qt-mt]	_ZN10QBoxLayout9qt_invokeEiP8QUObject [qt-mt]
_ZN10QBoxLayout9setupGeomEv [qt-mt]	_ZN10QBoxLayoutC1ENS_9DirectionEiPKc [qt-mt]
_ZN10QBoxLayoutC1EP7QLayoutNS_9DirectionEiPKc [qt-mt]	_ZN10QBoxLayoutC1EP7QWidgetNS_9DirectionEiiPKc [qt-mt]
_ZN10QBoxLayoutC2ENS_9DirectionEiPKc [qt-mt]	_ZN10QBoxLayoutC2EP7QLayoutNS_9DirectionEiPKc [qt-mt]
_ZN10QBoxLayoutC2EP7QWidgetNS_9DirectionEiiPKc [qt-mt]	_ZN10QBoxLayoutD0Ev [qt-mt]
_ZN10QBoxLayoutD1Ev [qt-mt]	_ZN10QBoxLayoutD2Ev [qt-mt]
ZN11QGridLayout10findWidgetEP7QWidgetPiS2 [qt-mt]	_ZN11QGridLayout10invalidateEv [qt-mt]
_ZN11QGridLayout11qt_propertyEiiP8QVariant [qt-mt]	_ZN11QGridLayout11setGeometryERK5QRect [qt-mt]
_ZN11QGridLayout12addMultiCellEP11QLayoutItemiiiii [qt-mt]	_ZN11QGridLayout13addColSpacingEii [qt-mt]
_ZN11QGridLayout13addRowSpacingEii [qt-mt]	_ZN11QGridLayout13setColSpacingEii [qt-mt]
_ZN11QGridLayout13setColStretchEii [qt-mt]	_ZN11QGridLayout13setRowSpacingEii [qt-mt]
_ZN11QGridLayout13setRowStretchEii [qt-mt]	_ZN11QGridLayout16staticMetaObjectEv [qt-mt]
_ZN11QGridLayout18addMultiCellLayoutEP7QLayoutiiiii [qt-mt]	_ZN11QGridLayout18addMultiCellWidgetEP7QWidgetiiiii [qt-mt]
_ZN11QGridLayout18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QGridLayout2trEPKcS1_ [qt-mt]
_ZN11QGridLayout3addEP11QLayoutItemii [qt-mt]	_ZN11QGridLayout4initEii [qt-mt]
_ZN11QGridLayout6expandEii [qt-mt]	_ZN11QGridLayout6trUtf8EPKcS1_ [qt-mt]
_ZN11QGridLayout7addItemEP11QLayoutItem [qt-mt]	_ZN11QGridLayout7addItemEP11QLayoutItemii [qt-mt]
_ZN11QGridLayout7qt_castEPKc [qt-mt]	_ZN11QGridLayout7qt_emitEiP8QUObject [qt-mt]
_ZN11QGridLayout8iteratorEv [qt-mt]	_ZN11QGridLayout9addLayoutEP7QLayoutii [qt-mt]
_ZN11QGridLayout9addWidgetEP7QWidgetiii [qt-mt]	_ZN11QGridLayout9qt_invokeEiP8QUObject [qt-mt]
_ZN11QGridLayout9setOriginENS_6CornerE [qt-mt]	_ZN11QGridLayoutC1EP7QLayoutiiiPKc [qt-mt]
_ZN11QGridLayoutC1EP7QWidgetiiiPKc [qt-mt]	_ZN11QGridLayoutC1EiiiPKc [qt-mt]

 © 2008 Linux Foundation

_ZN11QGridLayoutC2EP7QLayoutiiiPKc [qt-mt]	_ZN11QGridLayoutC2EP7QWidgetiiiiPKc [qt-mt]
_ZN11QGridLayoutC2EiiiPKc [qt-mt]	_ZN11QGridLayoutD0Ev [qt-mt]
_ZN11QGridLayoutD1Ev [qt-mt]	_ZN11QGridLayoutD2Ev [qt-mt]
_ZN11QHBoxLayout11qt_propertyEiiP8QVariant [qt-mt]	_ZN11QHBoxLayout16staticMetaObjectEv [qt-mt]
_ZN11QHBoxLayout18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QHBoxLayout2trEPKcS1_ [qt-mt]
ZN11QHBoxLayout6trUtf8EPKcS1 [qt-mt]	_ZN11QHBoxLayout7qt_castEPKc [qt-mt]
_ZN11QHBoxLayout7qt_emitEiP8QUObject [qt-mt]	_ZN11QHBoxLayout9qt_invokeEiP8QUObject [qt-mt]
_ZN11QHBoxLayoutC1EP7QLayoutiPKc [qt-mt]	_ZN11QHBoxLayoutC1EP7QWidgetiiPKc [qt-mt]
_ZN11QHBoxLayoutC1EiPKc [qt-mt]	_ZN11QHBoxLayoutC2EP7QLayoutiPKc [qt-mt]
_ZN11QHBoxLayoutC2EP7QWidgetiiPKc [qt-mt]	_ZN11QHBoxLayoutC2EiPKc [qt-mt]
_ZN11QHBoxLayoutD0Ev [qt-mt]	_ZN11QHBoxLayoutD1Ev [qt-mt]
_ZN11QHBoxLayoutD2Ev [qt-mt]	_ZN11QLayoutItem10invalidateEv [qt-mt]
_ZN11QLayoutItem10spacerItemEv [qt-mt]	_ZN11QLayoutItem12setAlignmentEi [qt-mt]
_ZN11QLayoutItem6layoutEv [qt-mt]	_ZN11QLayoutItem6widgetEv [qt-mt]
_ZN11QLayoutItem8iteratorEv [qt-mt]	_ZN11QLayoutItemD0Ev [qt-mt]
_ZN11QLayoutItemD1Ev [qt-mt]	_ZN11QLayoutItemD2Ev [qt-mt]
ZN11QSpacerItem10changeSizeEiiN11QSizePolicy8SizeTypeES1 [qt-mt]	_ZN11QSpacerItem10spacerItemEv [qt-mt]
_ZN11QSpacerItem11setGeometryERK5QRect [qt-mt]	_ZN11QVBoxLayout11qt_propertyEiiP8QVariant [qt-mt]
_ZN11QVBoxLayout16staticMetaObjectEv [qt-mt]	_ZN11QVBoxLayout18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN11QVBoxLayout2trEPKcS1 [qt-mt]	_ZN11QVBoxLayout6trUtf8EPKcS1_ [qt-mt]
_ZN11QVBoxLayout7qt_castEPKc [qt-mt]	_ZN11QVBoxLayout7qt_emitEiP8QUObject [qt-mt]
_ZN11QVBoxLayout9qt_invokeEiP8QUObject [qt-mt]	_ZN11QVBoxLayoutC1EP7QLayoutiPKc [qt-mt]
_ZN11QVBoxLayoutC1EP7QWidgetiiPKc [qt-mt]	_ZN11QVBoxLayoutC1EiPKc [qt-mt]

_ZN11QVBoxLayoutC2EP7QLayoutiPKc [qt-mt]	_ZN11QVBoxLayoutC2EP7QWidgetiiPKc [qt-mt]
_ZN11QVBoxLayoutC2EiPKc [qt-mt]	_ZN11QVBoxLayoutD0Ev [qt-mt]
_ZN11QVBoxLayoutD1Ev [qt-mt]	_ZN11QVBoxLayoutD2Ev [qt-mt]
_ZN11QWidgetItem11setGeometryERK5QRect [qt-mt]	_ZN11QWidgetItem6widgetEv [qt-mt]
_ZN15QDockAreaLayout10invalidateEv [qt-mt]	_ZN15QDockAreaLayout11layoutItemsERK5QRectb [qt-mt]
_ZN15QDockAreaLayout11qt_propertyEiiP8QVariant [qt-mt]	_ZN15QDockAreaLayout11setGeometryERK5QRect [qt-mt]
_ZN15QDockAreaLayout16staticMetaObjectEv [qt-mt]	_ZN15QDockAreaLayout18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN15QDockAreaLayout2trEPKcS1 [qt-mt]	_ZN15QDockAreaLayout4initEv [qt-mt]
ZN15QDockAreaLayout6trUtf8EPKcS1 [qt-mt]	_ZN15QDockAreaLayout7qt_castEPKc [qt-mt]
_ZN15QDockAreaLayout7qt_emitEiP8QUObject [qt-mt]	_ZN15QDockAreaLayout8iteratorEv [qt-mt]
_ZN15QDockAreaLayout9qt_invokeEiP8QUObject [qt-mt]	_ZN16QGLayoutIteratorD0Ev [qt-mt]
_ZN16QGLayoutIteratorD1Ev [qt-mt]	_ZN16QGLayoutIteratorD2Ev [qt-mt]
_ZN7QLayout10childEventEP11QChildEvent [qt-mt]	_ZN7QLayout10invalidateEv [qt-mt]
_ZN7QLayout10mainWidgetEv [qt-mt]	_ZN7QLayout10removeItemEP11QLayoutItem [qt-mt]
_ZN7QLayout10setAutoAddEb [qt-mt]	_ZN7QLayout10setEnabledEb [qt-mt]
_ZN7QLayout10setMenuBarEP8QMenuBar [qt-mt]	_ZN7QLayout10setSpacingEi [qt-mt]
_ZN7QLayout11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN7QLayout11qt_propertyEiiP8QVariant [qt-mt]
_ZN7QLayout11setGeometryERK5QRect [qt-mt]	_ZN7QLayout13setResizeModeENS_10ResizeModeE [qt-mt]
ZN7QLayout14addChildLayoutEPS [qt-mt]	_ZN7QLayout14deleteAllItemsEv [qt-mt]
ZN7QLayout15setWidgetLayoutEP7QWidgetPS [qt-mt]	_ZN7QLayout16propagateSpacingEPS_ [qt-mt]
_ZN7QLayout16staticMetaObjectEv [qt-mt]	_ZN7QLayout17setSupportsMarginEb [qt-mt]
_ZN7QLayout18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN7QLayout2trEPKcS1_ [qt-mt]
_ZN7QLayout4initEv [qt-mt]	_ZN7QLayout6freezeEii [qt-mt]

 © 2008 Linux Foundation

_ZN7QLayout6layoutEv [qt-mt]	_ZN7QLayout6removeEP7QWidget [qt-mt]
ZN7QLayout6trUtf8EPKcS1 [qt-mt]	_ZN7QLayout7qt_castEPKc [qt-mt]
_ZN7QLayout7qt_emitEiP8QUObject [qt-mt]	_ZN7QLayout8activateEv [qt-mt]
_ZN7QLayout9qt_invokeEiP8QUObject [qt-mt]	_ZN7QLayout9setMarginEi [qt-mt]
_ZN7QLayoutC1EP7QWidgetiiPKc [qt-mt]	_ZN7QLayoutC1EPS_iPKc [qt-mt]
_ZN7QLayoutC1EiPKc [qt-mt]	_ZN7QLayoutC2EP7QWidgetiiPKc [qt-mt]
_ZN7QLayoutC2EPS_iPKc [qt-mt]	_ZN7QLayoutC2EiPKc [qt-mt]
_ZN7QLayoutD0Ev [qt-mt]	_ZN7QLayoutD1Ev [qt-mt]
_ZN7QLayoutD2Ev [qt-mt]	_ZNK10QBoxLayout11maximumSizeEv [qt-mt]
_ZNK10QBoxLayout11minimumSizeEv [qt-mt]	_ZNK10QBoxLayout14heightForWidthEi [qt-mt]
_ZNK10QBoxLayout17hasHeightForWidthEv [qt-mt]	_ZNK10QBoxLayout21minimumHeightForWidthEi [qt-mt]
_ZNK10QBoxLayout8sizeHintEv [qt-mt]	_ZNK10QBoxLayout9classNameEv [qt-mt]
_ZNK10QBoxLayout9expandingEv [qt-mt]	_ZNK11QGridLayout10colSpacingEi [qt-mt]
_ZNK11QGridLayout10colStretchEi [qt-mt]	_ZNK11QGridLayout10rowSpacingEi [qt-mt]
_ZNK11QGridLayout10rowStretchEi [qt-mt]	_ZNK11QGridLayout11maximumSizeEv [qt-mt]
_ZNK11QGridLayout11minimumSizeEv [qt-mt]	_ZNK11QGridLayout12cellGeometryEii [qt-mt]
_ZNK11QGridLayout14heightForWidthEi [qt-mt]	_ZNK11QGridLayout17hasHeightForWidthEv [qt-mt]
_ZNK11QGridLayout21minimumHeightForWidthEi [qt-mt]	_ZNK11QGridLayout6originEv [qt-mt]
_ZNK11QGridLayout7numColsEv [qt-mt]	_ZNK11QGridLayout7numRowsEv [qt-mt]
_ZNK11QGridLayout8sizeHintEv [qt-mt]	_ZNK11QGridLayout9classNameEv [qt-mt]
_ZNK11QGridLayout9expandingEv [qt-mt]	_ZNK11QHBoxLayout9classNameEv [qt-mt]
_ZNK11QLayoutItem14heightForWidthEi [qt-mt]	_ZNK11QLayoutItem17hasHeightForWidthEv [qt-mt]
_ZNK11QSpacerItem11maximumSizeEv [qt-mt]	_ZNK11QSpacerItem11minimumSizeEv [qt-mt]
_ZNK11QSpacerItem7isEmptyEv	_ZNK11QSpacerItem8geometryEv

[qt-mt]	[qt-mt]
_ZNK11QSpacerItem8sizeHintEv [qt-mt]	_ZNK11QSpacerItem9expandingEv [qt-mt]
_ZNK11QVBoxLayout9classNameEv [qt-mt]	_ZNK11QWidgetItem11maximumSizeEv [qt-mt]
_ZNK11QWidgetItem11minimumSizeEv [qt-mt]	_ZNK11QWidgetItem14heightForWidthEi [qt-mt]
_ZNK11QWidgetItem17hasHeightForWidthEv [qt-mt]	_ZNK11QWidgetItem7isEmptyEv [qt-mt]
_ZNK11QWidgetItem8geometryEv [qt-mt]	_ZNK11QWidgetItem8sizeHintEv [qt-mt]
_ZNK11QWidgetItem9expandingEv [qt-mt]	_ZNK15QDockAreaLayout11minimumSizeEv [qt-mt]
_ZNK15QDockAreaLayout14heightForWidthEi [qt-mt]	_ZNK15QDockAreaLayout14widthForHeightEi [qt-mt]
_ZNK15QDockAreaLayout17hasHeightForWidthEv [qt-mt]	_ZNK15QDockAreaLayout8sizeHintEv [qt-mt]
_ZNK15QDockAreaLayout9classNameEv [qt-mt]	_ZNK7QLayout10resizeModeEv [qt-mt]
_ZNK7QLayout11maximumSizeEv [qt-mt]	_ZNK7QLayout11minimumSizeEv [qt-mt]
_ZNK7QLayout13alignmentRectERK5QRect [qt-mt]	_ZNK7QLayout13totalSizeHintEv [qt-mt]
_ZNK7QLayout16totalMaximumSizeEv [qt-mt]	_ZNK7QLayout16totalMinimumSizeEv [qt-mt]
_ZNK7QLayout19totalHeightForWidthEi [qt-mt]	_ZNK7QLayout7isEmptyEv [qt-mt]
_ZNK7QLayout8geometryEv [qt-mt]	_ZNK7QLayout9classNameEv [qt-mt]
_ZNK7QLayout9expandingEv [qt-mt]	_ZNK7QLayout9isEnabledEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Layouts specified in Table 18-508, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-508 libqt-mt - Qt3 Layouts Data Interfaces

_ZN10QBoxLayout7metaObjE [qt-mt]	_ZN11QGridLayout7metaObjE [qt-mt]
_ZN11QHBoxLayout7metaObjE [qt-mt]	_ZN11QVBoxLayout7metaObjE [qt-mt]
_ZN15QDockAreaLayout7metaObjE [qt-mt]	_ZN7QLayout7metaObjE [qt-mt]
_ZTI10QBoxLayout [CXXABI]	_ZTI11QGridLayout [CXXABI]
_ZTI11QHBoxLayout [CXXABI]	_ZTI11QLayoutItem [CXXABI]
_ZTI11QSpacerItem [CXXABI]	_ZTI11QVBoxLayout [CXXABI]

 © 2008 Linux Foundation

_ZTI11QWidgetItem [CXXABI]	_ZTI15QDockAreaLayout [CXXABI]
_ZTI16QGLayoutIterator [CXXABI]	_ZTI7QLayout [CXXABI]
_ZTV10QBoxLayout [CXXABI]	_ZTV11QGridLayout [CXXABI]
_ZTV11QHBoxLayout [CXXABI]	_ZTV11QLayoutItem [CXXABI]
_ZTV11QSpacerItem [CXXABI]	_ZTV11QVBoxLayout [CXXABI]
_ZTV11QWidgetItem [CXXABI]	_ZTV15QDockAreaLayout [CXXABI]
_ZTV16QGLayoutIterator [CXXABI]	_ZTV7QLayout [CXXABI]

18.2.26 Qt3 Dialogs

18.2.26.1 Class data for QProgressDialog

The virtual table for the QProgressDialog class is described by Table 18-509

Table 18-509 Primary vtable for QProgressDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QProgressDialog
vfunc[0]:	NULL or QProgressDialog::metaObject() const
vfunc[1]:	QProgressDialog::className() const
vfunc[2]:	QProgressDialog::qt_cast(char const*)
vfunc[3]:	QProgressDialog::qt_invoke(int, QUObject*)
vfunc[4]:	QProgressDialog::qt_emit(int, QUObject*)
vfunc[5]:	QProgressDialog::qt_property(int, int, QVariant*)
vfunc[6]:	QProgressDialog::~QProgressDialog ()
vfunc[7]:	QProgressDialog::~QProgressDialog ()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)

vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)

 © 2008 Linux Foundation

vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QProgressDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)

vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QProgressDialog::resizeEvent(QResizeEvent*)
vfunc[83]:	QProgressDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QProgressDialog::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QProgressDialog::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)

 © 2008 Linux Foundation

vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()

The Run Time Type Information for the QProgressDialog class is described by Table 18-510

Table 18-510 typeinfo for QProgressDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QProgressDialog
basetype:	typeinfo for QDialog

18.2.26.2 Class data for QWizard

The virtual table for the QWizard class is described by Table 18-511

Table 18-511 Primary vtable for QWizard

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWizard
vfunc[0]:	NULL or QWizard::metaObject() const
vfunc[1]:	QWizard::className() const
vfunc[2]:	QWizard::qt_cast(char const*)
vfunc[3]:	QWizard::qt_invoke(int, QUObject*)
vfunc[4]:	QWizard::qt_emit(int, QUObject*)
vfunc[5]:	QWizard::qt_property(int, int, QVariant*)
vfunc[6]:	QWizard::~QWizard()
vfunc[7]:	QWizard::~QWizard()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QWizard::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)

vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWizard::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)

 © 2008 Linux Foundation

vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWizard::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)

© 2008 Linux Foundation

vfunc[74]:	QDialog::keyPressEvent(QKeyEvent *)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[83]:	QDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const

 © 2008 Linux Foundation

vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()
vfunc[113]:	QWizard::addPage(QWidget*, QString const&)
vfunc[114]:	QWizard::insertPage(QWidget*, QString const&, int)
vfunc[115]:	QWizard::removePage(QWidget*)
vfunc[116]:	QWizard::showPage(QWidget*)
vfunc[117]:	QWizard::appropriate(QWidget*) const
vfunc[118]:	QWizard::setAppropriate(QWidget*, bool)
vfunc[119]:	QWizard::setBackEnabled(QWidget*, bool)
vfunc[120]:	QWizard::setNextEnabled(QWidget*, bool)
vfunc[121]:	QWizard::setFinishEnabled(QWidget*, bool)
vfunc[122]:	QWizard::setHelpEnabled(QWidget*, bool)
vfunc[123]:	NULL or QWizard::setFinish(QWidget*, bool)
vfunc[124]:	QWizard::back()
vfunc[125]:	QWizard::next()
vfunc[126]:	QWizard::help()
vfunc[127]:	QWizard::layOutButtonRow(QHBoxLayout*)
vfunc[128]:	QWizard::layOutTitleRow(QHBoxLayout*, QString const&)

The Run Time Type Information for the QWizard class is described by Table 18-512

Table 18-512 typeinfo for QWizard

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWizard
basetype:	typeinfo for QDialog

18.2.26.3 Class data for QSemiModal

The virtual table for the QSemiModal class is described by Table 18-513

Table 18-513 Primary vtable for QSemiModal

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSemiModal
vfunc[0]:	NULL or QSemiModal::metaObject() const
vfunc[1]:	QSemiModal::className() const
vfunc[2]:	QSemiModal::qt_cast(char const*)
vfunc[3]:	QSemiModal::qt_invoke(int, QUObject*)
vfunc[4]:	QSemiModal::qt_emit(int, QUObject*)
vfunc[5]:	QSemiModal::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QSemiModal::~QSemiModal()
vfunc[7]:	NULL or QSemiModal::~QSemiModal()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char

 © 2008 Linux Foundation

	const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()

vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)

 © 2008 Linux Foundation

vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[83]:	QDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)

vfunc[110]:	QDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()

The Run Time Type Information for the QSemiModal class is described by Table 18-514

Table 18-514 typeinfo for QSemiModal

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSemiModal
basetype:	typeinfo for QDialog

18.2.26.4 Class data for QFileDialog

The virtual table for the QFileDialog class is described by Table 18-515

Table 18-515 Primary vtable for QFileDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFileDialog
vfunc[0]:	NULL or QFileDialog::metaObject() const
vfunc[1]:	QFileDialog::className() const
vfunc[2]:	QFileDialog::qt_cast(char const*)
vfunc[3]:	QFileDialog::qt_invoke(int, QUObject*)
vfunc[4]:	QFileDialog::qt_emit(int, QUObject*)
vfunc[5]:	QFileDialog::qt_property(int, int, QVariant*)
vfunc[6]:	QFileDialog::~QFileDialog()
vfunc[7]:	QFileDialog::~QFileDialog()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QFileDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)

 © 2008 Linux Foundation

vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)

vfunc[47]:	QDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QFileDialog::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEv

 © 2008 Linux Foundation

	ent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QFileDialog::resizeEvent(QResizeEv ent*)
vfunc[83]:	QDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QConte xtMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEv ent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnt erEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragM oveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLe aveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or

	QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFileDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()
vfunc[113]:	QFileDialog::setSelectedFilter(QString const&)
vfunc[114]:	QFileDialog::setSelectedFilter(int)

The Run Time Type Information for the QFileDialog class is described by Table 18-516

Table 18-516 typeinfo for QFileDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFileDialog
basetype:	typeinfo for QDialog

18.2.26.5 Class data for QErrorMessage

The virtual table for the QErrorMessage class is described by Table 18-517

Table 18-517 Primary vtable for QErrorMessage

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QErrorMessage
vfunc[0]:	NULL or QErrorMessage::metaObject() const
vfunc[1]:	QErrorMessage::className() const
vfunc[2]:	QErrorMessage::qt_cast(char const*)
vfunc[3]:	QErrorMessage::qt_invoke(int, QUObject*)
vfunc[4]:	QErrorMessage::qt_emit(int, QUObject*)
vfunc[5]:	QErrorMessage::qt_property(int, int, QVariant*)
vfunc[6]:	QErrorMessage::~QErrorMessage()
vfunc[7]:	QErrorMessage::~QErrorMessage()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)

 © 2008 Linux Foundation

vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)

vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMous

 © 2008 Linux Foundation

	eEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[83]:	QDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)

vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QErrorMessage::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()

The Run Time Type Information for the QErrorMessage class is described by Table 18-518

Table 18-518 typeinfo for QErrorMessage

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QErrorMessage
basetype:	typeinfo for QDialog

18.2.26.6 Class data for QFilePreview

The virtual table for the QFilePreview class is described by Table 18-519

Table 18-519 Primary vtable for QFilePreview

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFilePreview
vfunc[0]:	__cxa_pure_virtual

The Run Time Type Information for the QFilePreview class is described by Table 18-520

Table 18-520 typeinfo for QFilePreview

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QFilePreview

18.2.26.7 Class data for QMessageBox

The virtual table for the QMessageBox class is described by Table 18-521

 © 2008 Linux Foundation

Table 18-521 Primary vtable for QMessageBox

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QMessageBox
vfunc[0]:	NULL or QMessageBox::metaObject() const
vfunc[1]:	QMessageBox::className() const
vfunc[2]:	QMessageBox::qt_cast(char const*)
vfunc[3]:	QMessageBox::qt_invoke(int, QUObject*)
vfunc[4]:	QMessageBox::qt_emit(int, QUObject*)
vfunc[5]:	QMessageBox::qt_property(int, int, QVariant*)
vfunc[6]:	QMessageBox::~QMessageBox()
vfunc[7]:	QMessageBox::~QMessageBox()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap

	const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QMessageBox::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)

 © 2008 Linux Foundation

vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QMessageBox::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QMessageBox::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QMessageBox::resizeEvent(QResizeEvent*)
vfunc[83]:	QMessageBox::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEv

	ent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QMessageBox::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()

The Run Time Type Information for the QMessageBox class is described by Table 18-522

 © 2008 Linux Foundation

Table 18-522 typeinfo for QMessageBox

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMessageBox
basetype:	typeinfo for QDialog

18.2.26.8 Class data for QDialog

The virtual table for the QDialog class is described by Table 18-523

Table 18-523 Primary vtable for QDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDialog
vfunc[0]:	NULL or QDialog::metaObject() const
vfunc[1]:	QDialog::className() const
vfunc[2]:	QDialog::qt_cast(char const*)
vfunc[3]:	QDialog::qt_invoke(int, QUObject*)
vfunc[4]:	QDialog::qt_emit(int, QUObject*)
vfunc[5]:	QDialog::qt_property(int, int, QVariant*)
vfunc[6]:	QDialog::~QDialog()
vfunc[7]:	QDialog::~QDialog()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)

vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)

 © 2008 Linux Foundation

vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDialog::resizeEvent(QResizeEvent*)

vfunc[83]:	QDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()

© 2008 Linux Foundation

The Run Time Type Information for the QDialog class is described by Table 18-524

Table 18-524 typeinfo for QDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDialog
basetype:	typeinfo for QWidget

18.2.26.9 Class data for QFontDialog

The virtual table for the QFontDialog class is described by Table 18-525

Table 18-525 Primary vtable for QFontDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFontDialog
vfunc[0]:	NULL or QFontDialog::metaObject() const
vfunc[1]:	QFontDialog::className() const
vfunc[2]:	QFontDialog::qt_cast(char const*)
vfunc[3]:	QFontDialog::qt_invoke(int, QUObject*)
vfunc[4]:	QFontDialog::qt_emit(int, QUObject*)
vfunc[5]:	QFontDialog::qt_property(int, int, QVariant*)
vfunc[6]:	QFontDialog::~QFontDialog()
vfunc[7]:	QFontDialog::~QFontDialog()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QFontDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)

vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QFontDialog::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()

 © 2008 Linux Foundation

vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)

vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[83]:	QDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)

 © 2008 Linux Foundation

vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()

The Run Time Type Information for the QFontDialog class is described by Table 18-526

Table 18-526 typeinfo for QFontDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFontDialog
basetype:	typeinfo for QDialog

18.2.26.10 Class data for QPrintDialog

The virtual table for the QPrintDialog class is described by Table 18-527

Table 18-527 Primary vtable for QPrintDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPrintDialog
vfunc[0]:	NULL or QPrintDialog::metaObject() const
vfunc[1]:	QPrintDialog::className() const
vfunc[2]:	QPrintDialog::qt_cast(char const*)
vfunc[3]:	QPrintDialog::qt_invoke(int, QUObject*)
vfunc[4]:	QPrintDialog::qt_emit(int, QUObject*)
vfunc[5]:	QPrintDialog::qt_property(int, int, QVariant*)
vfunc[6]:	QPrintDialog::~QPrintDialog()
vfunc[7]:	QPrintDialog::~QPrintDialog()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)

vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)

 © 2008 Linux Foundation

vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEven

	t*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[83]:	QDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or

 © 2008 Linux Foundation

	QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()

The Run Time Type Information for the QPrintDialog class is described by Table 18-528

Table 18-528 typeinfo for QPrintDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPrintDialog
basetype:	typeinfo for QDialog

18.2.26.11 Class data for QColorDialog

The virtual table for the QColorDialog class is described by Table 18-529

Table 18-529 Primary vtable for QColorDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QColorDialog
vfunc[0]:	NULL or QColorDialog::metaObject() const
vfunc[1]:	QColorDialog::className() const
vfunc[2]:	QColorDialog::qt_cast(char const*)
vfunc[3]:	QColorDialog::qt_invoke(int, QUObject*)
vfunc[4]:	QColorDialog::qt_emit(int, QUObject*)
vfunc[5]:	QColorDialog::qt_property(int, int, QVariant*)
vfunc[6]:	QColorDialog::~QColorDialog()
vfunc[7]:	QColorDialog::~QColorDialog()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)

vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)

 © 2008 Linux Foundation

vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent

	*)
vfunc[74]:	QDialog::keyPressEvent(QKeyEvent *)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[83]:	QDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)

 © 2008 Linux Foundation

vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()

The Run Time Type Information for the QColorDialog class is described by Table 18-530

Table 18-530 typeinfo for QColorDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QColorDialog
basetype:	typeinfo for QDialog

18.2.26.12 Class data for QInputDialog

The virtual table for the QInputDialog class is described by Table 18-531

Table 18-531 Primary vtable for QInputDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QInputDialog
vfunc[0]:	NULL or QInputDialog::metaObject() const
vfunc[1]:	QInputDialog::className() const
vfunc[2]:	QInputDialog::qt_cast(char const*)
vfunc[3]:	QInputDialog::qt_invoke(int, QUObject*)
vfunc[4]:	QInputDialog::qt_emit(int, QUObject*)
vfunc[5]:	QInputDialog::qt_property(int, int, QVariant*)
vfunc[6]:	QInputDialog::~QInputDialog()
vfunc[7]:	QInputDialog::~QInputDialog()
vfunc[8]:	QWidget::event(QEvent*)

vfunc[9]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)

 © 2008 Linux Foundation

vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)

© 2008 Linux Foundation

vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QDialog::resizeEvent(QResizeEvent*)
vfunc[83]:	QDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette

 © 2008 Linux Foundation

	const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()

The Run Time Type Information for the QInputDialog class is described by Table 18-532

Table 18-532 typeinfo for QInputDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QInputDialog
basetype:	typeinfo for QDialog

18.2.26.13 Class data for QTabDialog

The virtual table for the QTabDialog class is described by Table 18-533

Table 18-533 Primary vtable for QTabDialog

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTabDialog
vfunc[0]:	NULL or QTabDialog::metaObject() const
vfunc[1]:	QTabDialog::className() const
vfunc[2]:	QTabDialog::qt_cast(char const*)
vfunc[3]:	QTabDialog::qt_invoke(int, QUObject*)
vfunc[4]:	QTabDialog::qt_emit(int, QUObject*)
vfunc[5]:	QTabDialog::qt_property(int, int,

	QVariant*)
vfunc[6]:	QTabDialog::~QTabDialog()
vfunc[7]:	QTabDialog::~QTabDialog()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QDialog::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QTabDialog::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)

 © 2008 Linux Foundation

vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QTabDialog::show()
vfunc[48]:	QDialog::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QDialog::move(int, int)
vfunc[54]:	QDialog::resize(int, int)
vfunc[55]:	QDialog::setGeometry(int, int, int, int)
vfunc[56]:	QDialog::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QDialog::sizeHint() const
vfunc[59]:	QDialog::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const

vfunc[69]:	QWidget::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QDialog::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QTabDialog::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QTabDialog::resizeEvent(QResizeEvent*)
vfunc[83]:	QDialog::closeEvent(QCloseEvent*)
vfunc[84]:	QDialog::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)

 © 2008 Linux Foundation

vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QTabDialog::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QDialog::done(int)
vfunc[111]:	QDialog::accept()
vfunc[112]:	QDialog::reject()

The Run Time Type Information for the QTabDialog class is described by Table 18-534

Table 18-534 typeinfo for QTabDialog

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTabDialog
basetype:	typeinfo for QDialog

18.2.26.14 Class data for QFileIconProvider

The virtual table for the QFileIconProvider class is described by Table 18-535

Table 18-535 Primary vtable for QFileIconProvider

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QFileIconProvider
vfunc[0]:	NULL or QFileIconProvider::metaObject() const

vfunc[1]:	QFileIconProvider::className() const
vfunc[2]:	QFileIconProvider::qt_cast(char const*)
vfunc[3]:	QFileIconProvider::qt_invoke(int, QUObject*)
vfunc[4]:	QFileIconProvider::qt_emit(int, QUObject*)
vfunc[5]:	QFileIconProvider::qt_property(int, int, QVariant*)
vfunc[6]:	NULL or QFileIconProvider::~QFileIconProvider()
vfunc[7]:	NULL or QFileIconProvider::~QFileIconProvider()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QFileIconProvider::pixmap(QFileInfo const&)

The Run Time Type Information for the QFileIconProvider class is described by Table 18-536

Table 18-536 typeinfo for QFileIconProvider

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFileIconProvider
basetype:	typeinfo for QObject

 © 2008 Linux Foundation

18.2.26.15 Interfaces for Qt3 Dialogs

An LSB conforming implementation shall provide the generic functions for Qt3 Dialogs specified in Table 18-537, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-537 libqt-mt - Qt3 Dialogs Function Interfaces

_ZN10QSemiModal11qt_propertyEiiP8QVariant [qt-mt]	_ZN10QSemiModal16staticMetaObjectEv [qt-mt]
_ZN10QSemiModal18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QSemiModal2trEPKcS1_ [qt-mt]
ZN10QSemiModal6trUtf8EPKcS1 [qt-mt]	_ZN10QSemiModal7qt_castEPKc [qt-mt]
_ZN10QSemiModal7qt_emitEiP8QUObject [qt-mt]	_ZN10QSemiModal9qt_invokeEiP8QUObject [qt-mt]
_ZN10QTabDialog10paintEventEP11QPaintEvent [qt-mt]	_ZN10QTabDialog10removePageEP7QWidget [qt-mt]
_ZN10QTabDialog11aboutToShowEv [qt-mt]	_ZN10QTabDialog11qt_propertyEiiP8QVariant [qt-mt]
_ZN10QTabDialog11resizeEventEP12QResizeEvent [qt-mt]	_ZN10QTabDialog11setOKButtonERK7QString [qt-mt]
_ZN10QTabDialog11setOkButtonERK7QString [qt-mt]	_ZN10QTabDialog11setOkButtonEv [qt-mt]
_ZN10QTabDialog11setUpLayoutEv [qt-mt]	_ZN10QTabDialog11styleChangeER6QStyle [qt-mt]
_ZN10QTabDialog13setHelpButtonERK7QString [qt-mt]	_ZN10QTabDialog13setHelpButtonEv [qt-mt]
_ZN10QTabDialog13setTabEnabledEP7QWidgetb [qt-mt]	_ZN10QTabDialog13setTabEnabledEPKcb [qt-mt]
_ZN10QTabDialog14currentChangedEP7QWidget [qt-mt]	_ZN10QTabDialog14setApplyButtonERK7QString [qt-mt]
_ZN10QTabDialog14setApplyButtonEv [qt-mt]	_ZN10QTabDialog15setCancelButtonERK7QString [qt-mt]
_ZN10QTabDialog15setCancelButtonEv [qt-mt]	_ZN10QTabDialog16setDefaultButtonERK7QString [qt-mt]
_ZN10QTabDialog16setDefaultButtonEv [qt-mt]	_ZN10QTabDialog16staticMetaObjectEv [qt-mt]
_ZN10QTabDialog17helpButtonPressedEv [qt-mt]	_ZN10QTabDialog18applyButtonPressedEv [qt-mt]
_ZN10QTabDialog18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QTabDialog19cancelButtonPressedEv [qt-mt]
_ZN10QTabDialog20defaultButtonPressedEv [qt-mt]	_ZN10QTabDialog2trEPKcS1_ [qt-mt]
_ZN10QTabDialog4showEv [qt-mt]	_ZN10QTabDialog6addTabEP7QWidgetP4QTab [qt-mt]
_ZN10QTabDialog6addTabEP7QWidgetRK7QString [qt-mt]	_ZN10QTabDialog6addTabEP7QWidgetRK8QIconSetRK7QString [qt-

	mt]
ZN10QTabDialog6trUtf8EPKcS1 [qt-mt]	_ZN10QTabDialog7qt_castEPKc [qt-mt]
_ZN10QTabDialog7qt_emitEiP8QUObject [qt-mt]	_ZN10QTabDialog7setFontERK5QFont [qt-mt]
_ZN10QTabDialog7showTabEi [qt-mt]	_ZN10QTabDialog8selectedERK7QString [qt-mt]
_ZN10QTabDialog8setSizesEv [qt-mt]	_ZN10QTabDialog8showPageEP7QWidget [qt-mt]
_ZN10QTabDialog8tabLabelEP7QWidget [qt-mt]	_ZN10QTabDialog9changeTabEP7QWidgetRK7QString [qt-mt]
_ZN10QTabDialog9changeTabEP7QWidgetRK8QIconSetRK7QString [qt-mt]	_ZN10QTabDialog9insertTabEP7QWidgetP4QTabi [qt-mt]
_ZN10QTabDialog9insertTabEP7QWidgetRK7QStringi [qt-mt]	_ZN10QTabDialog9insertTabEP7QWidgetRK8QIconSetRK7QStringi [qt-mt]
_ZN10QTabDialog9qt_invokeEiP8QUObject [qt-mt]	_ZN10QTabDialog9setTabBarEP7QTabBar [qt-mt]
_ZN10QTabDialogC1EP7QWidgetPKcbj [qt-mt]	_ZN10QTabDialogC2EP7QWidgetPKcbj [qt-mt]
_ZN10QTabDialogD0Ev [qt-mt]	_ZN10QTabDialogD1Ev [qt-mt]
_ZN10QTabDialogD2Ev [qt-mt]	_ZN11QFileDialog10addWidgetsEP6QLabelP7QWidgetP11QPushButton [qt-mt]
_ZN11QFileDialog10changeModeEi [qt-mt]	_ZN11QFileDialog10deleteFileERK7QString [qt-mt]
_ZN11QFileDialog10dirEnteredERK7QString [qt-mt]	_ZN11QFileDialog10setFiltersEPPKc [qt-mt]
_ZN11QFileDialog10setFiltersERK11QStringList [qt-mt]	_ZN11QFileDialog10setFiltersERK7QString [qt-mt]
_ZN11QFileDialog11cdUpClickedEv [qt-mt]	_ZN11QFileDialog11dirSelectedEi [qt-mt]
_ZN11QFileDialog11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN11QFileDialog11insertEntryERK10QValueListI8QUrlInfoEP17QNetworkOperation [qt-mt]
_ZN11QFileDialog11itemChangedEP17QNetworkOperation [qt-mt]	_ZN11QFileDialog11qt_propertyEiiP8QVariant [qt-mt]
_ZN11QFileDialog11removeEntryEP17QNetworkOperation [qt-mt]	_ZN11QFileDialog11resizeEventEP12QResizeEvent [qt-mt]
_ZN11QFileDialog11setViewModeENS_8ViewModeE [qt-mt]	_ZN11QFileDialog11urlFinishedEP17QNetworkOperation [qt-mt]
_ZN11QFileDialog12fileSelectedERK7QString [qt-mt]	_ZN11QFileDialog12fileSelectedEi [qt-mt]
_ZN11QFileDialog12iconProviderEv [qt-mt]	_ZN11QFileDialog12pathSelectedEi [qt-mt]

 © 2008 Linux Foundation

_ZN11QFileDialog12setSelectionERK7QString [qt-mt]	_ZN11QFileDialog13addLeftWidgetEP7QWidget [qt-mt]
_ZN11QFileDialog13addToolButtonEP7QButtonb [qt-mt]	_ZN11QFileDialog13cancelClickedEv [qt-mt]
_ZN11QFileDialog13filesSelectedERK11QStringList [qt-mt]	_ZN11QFileDialog13filterClickedEv [qt-mt]
_ZN11QFileDialog13fixupNameEditEv [qt-mt]	_ZN11QFileDialog13keyPressEventEP9QKeyEvent [qt-mt]
_ZN11QFileDialog14addRightWidgetEP7QWidget [qt-mt]	_ZN11QFileDialog14filterSelectedERK7QString [qt-mt]
_ZN11QFileDialog14setInfoPreviewEP7QWidgetP12QFilePreview [qt-mt]	_ZN11QFileDialog14setPreviewModeENS_11PreviewModeE [qt-mt]
_ZN11QFileDialog14updatePreviewsERK4QUrl [qt-mt]	_ZN11QFileDialog15fileHighlightedERK7QString [qt-mt]
_ZN11QFileDialog15fileHighlightedEi [qt-mt]	_ZN11QFileDialog15getOpenFileNameERK7QStringS2_P7QWidgetPKcS2_PS0_b [qt-mt]
_ZN11QFileDialog15getSaveFileNameERK7QStringS2_P7QWidgetPKcS2_PS0_b [qt-mt]	_ZN11QFileDialog15setIconProviderEP17QFileIconProvider [qt-mt]
_ZN11QFileDialog15trySetSelectionEbRK12QUrlOperatorb [qt-mt]	_ZN11QFileDialog16createdDirectoryERK8QUrlInfoP17QNetworkOperation [qt-mt]
_ZN11QFileDialog16doMimeTypeLookupEv [qt-mt]	_ZN11QFileDialog16fileNameEditDoneEv [qt-mt]
_ZN11QFileDialog16getOpenFileNamesERK7QStringS2_P7QWidgetPKcS2_PS0_b [qt-mt]	_ZN11QFileDialog16newFolderClickedEv [qt-mt]
_ZN11QFileDialog16popupContextMenuEP12QListBoxItemRK6QPoint [qt-mt]	_ZN11QFileDialog16popupContextMenuEP13QListViewItemRK6QPointi [qt-mt]
_ZN11QFileDialog16popupContextMenuERK7QStringbRNS_11PopupActionERK6QPoint [qt-mt]	_ZN11QFileDialog16staticMetaObjectEv [qt-mt]
_ZN11QFileDialog16updateGeometriesEv [qt-mt]	_ZN11QFileDialog17removeProgressDiaEv [qt-mt]
_ZN11QFileDialog17setSelectedFilterERK7QString [qt-mt]	_ZN11QFileDialog17setSelectedFilterEi [qt-mt]
_ZN11QFileDialog18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QFileDialog18setContentsPreviewEP7QWidgetP12QFilePreview [qt-mt]
_ZN11QFileDialog18setShowHiddenFilesEb [qt-mt]	_ZN11QFileDialog18updateFileNameEditEP12QListBoxItem [qt-mt]
_ZN11QFileDialog18updateFileNameEditEP13QListViewItem [qt-mt]	_ZN11QFileDialog20dataTransferProgressEiiP17QNetworkOperation [qt-mt]

_ZN11QFileDialog20getExistingDirectoryERK7QStringP7QWidgetPKcS2_bb [qt-mt]	_ZN11QFileDialog20modeButtonsDestroyedEv [qt-mt]
_ZN11QFileDialog21selectDirectoryOrFileEP12QListBoxItem [qt-mt]	_ZN11QFileDialog21selectDirectoryOrFileEP13QListViewItem [qt-mt]
_ZN11QFileDialog21setInfoPreviewEnabledEb [qt-mt]	_ZN11QFileDialog23listBoxSelectionChangedEv [qt-mt]
_ZN11QFileDialog25fileNameEditReturnPressedEv [qt-mt]	_ZN11QFileDialog25setContentsPreviewEnabledEb [qt-mt]
_ZN11QFileDialog26detailViewSelectionChangedEv [qt-mt]	_ZN11QFileDialog2trEPKcS1_ [qt-mt]
_ZN11QFileDialog4doneEi [qt-mt]	_ZN11QFileDialog4initEv [qt-mt]
_ZN11QFileDialog6goBackEv [qt-mt]	_ZN11QFileDialog6setDirERK4QDir [qt-mt]
_ZN11QFileDialog6setDirERK7QString [qt-mt]	_ZN11QFileDialog6setUrlERK12QUrlOperator [qt-mt]
ZN11QFileDialog6trUtf8EPKcS1 [qt-mt]	_ZN11QFileDialog7qt_castEPKc [qt-mt]
_ZN11QFileDialog7qt_emitEiP8QUObject [qt-mt]	_ZN11QFileDialog7setModeENS_4ModeE [qt-mt]
_ZN11QFileDialog8stopCopyEv [qt-mt]	_ZN11QFileDialog8urlStartEP17QNetworkOperation [qt-mt]
_ZN11QFileDialog9addFilterERK7QString [qt-mt]	_ZN11QFileDialog9okClickedEv [qt-mt]
_ZN11QFileDialog9qt_invokeEiP8QUObject [qt-mt]	_ZN11QFileDialog9rereadDirEv [qt-mt]
_ZN11QFileDialog9resortDirEv [qt-mt]	_ZN11QFileDialog9selectAllEb [qt-mt]
_ZN11QFileDialog9setFilterERK7QString [qt-mt]	_ZN11QFileDialogC1EP7QWidgetPKcb [qt-mt]
_ZN11QFileDialogC1ERK7QStringS2_P7QWidgetPKcb [qt-mt]	_ZN11QFileDialogC2EP7QWidgetPKcb [qt-mt]
_ZN11QFileDialogC2ERK7QStringS2_P7QWidgetPKcb [qt-mt]	_ZN11QFileDialogD0Ev [qt-mt]
_ZN11QFileDialogD1Ev [qt-mt]	_ZN11QFileDialogD2Ev [qt-mt]
_ZN11QFontDialog11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN11QFontDialog11qt_propertyEiiP8QVariant [qt-mt]
_ZN11QFontDialog11sizeChangedERK7QString [qt-mt]	_ZN11QFontDialog11updateSizesEv [qt-mt]
_ZN11QFontDialog12updateSampleEv [qt-mt]	_ZN11QFontDialog12updateStylesEv [qt-mt]
_ZN11QFontDialog14updateFamiliesEv [qt-mt]	_ZN11QFontDialog15sizeHighlightedERK7QString [qt-mt]
_ZN11QFontDialog16staticMetaObjectEv [qt-mt]	_ZN11QFontDialog16styleHighlightedEi [qt-mt]

 © 2008 Linux Foundation

_ZN11QFontDialog17familyHighlightedEi [qt-mt]	_ZN11QFontDialog17scriptHighlightedEi [qt-mt]
_ZN11QFontDialog18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN11QFontDialog2trEPKcS1_ [qt-mt]
ZN11QFontDialog6trUtf8EPKcS1 [qt-mt]	_ZN11QFontDialog7getFontEPbP7QWidgetPKc [qt-mt]
_ZN11QFontDialog7getFontEPbPK5QFontP7QWidgetPKc [qt-mt]	_ZN11QFontDialog7getFontEPbRK5QFontP7QWidgetPKc [qt-mt]
_ZN11QFontDialog7qt_castEPKc [qt-mt]	_ZN11QFontDialog7qt_emitEiP8QUObject [qt-mt]
_ZN11QFontDialog7setFontERK5QFont [qt-mt]	_ZN11QFontDialog9qt_invokeEiP8QUObject [qt-mt]
_ZN11QFontDialogC1EP7QWidgetPKcbj [qt-mt]	_ZN11QFontDialogC2EP7QWidgetPKcbj [qt-mt]
_ZN11QFontDialogD0Ev [qt-mt]	_ZN11QFontDialogD1Ev [qt-mt]
_ZN11QFontDialogD2Ev [qt-mt]	_ZN11QMessageBox10adjustSizeEv [qt-mt]
_ZN11QMessageBox10closeEventEP11QCloseEvent [qt-mt]	_ZN11QMessageBox11informationEP7QWidgetRK7QStringS4_S4_S4_ii [qt-mt]
_ZN11QMessageBox11informationEP7QWidgetRK7QStringS4_iii [qt-mt]	_ZN11QMessageBox11qt_propertyEiiP8QVariant [qt-mt]
_ZN11QMessageBox11resizeEventEP12QResizeEvent [qt-mt]	_ZN11QMessageBox12standardIconENS_4IconE [qt-mt]
_ZN11QMessageBox12standardIconENS_4IconEN2Qt8GUIStyleE [qt-mt]	_ZN11QMessageBox12styleChangedER6QStyle [qt-mt]
_ZN11QMessageBox13buttonClickedEv [qt-mt]	_ZN11QMessageBox13keyPressEventEP9QKeyEvent [qt-mt]
_ZN11QMessageBox13resizeButtonsEv [qt-mt]	_ZN11QMessageBox13setButtonTextEiRK7QString [qt-mt]
_ZN11QMessageBox13setIconPixmapERK7QPixmap [qt-mt]	_ZN11QMessageBox13setTextFormatEN2Qt10TextFormatE [qt-mt]
_ZN11QMessageBox16staticMetaObjectEv [qt-mt]	_ZN11QMessageBox18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN11QMessageBox2trEPKcS1 [qt-mt]	_ZN11QMessageBox4initEiii [qt-mt]
ZN11QMessageBox5aboutEP7QWidgetRK7QStringS4 [qt-mt]	_ZN11QMessageBox6trUtf8EPKcS1_ [qt-mt]
_ZN11QMessageBox7aboutQtEP7QWidgetRK7QString [qt-mt]	_ZN11QMessageBox7qt_castEPKc [qt-mt]
_ZN11QMessageBox7qt_emitEiP8QUObject [qt-mt]	_ZN11QMessageBox7setIconENS_4IconE [qt-mt]
_ZN11QMessageBox7setIconERK7QPixmap [qt-mt]	_ZN11QMessageBox7setTextERK7QString [qt-mt]
_ZN11QMessageBox7warningEP7Q	_ZN11QMessageBox7warningEP7Q

WidgetRK7QStringS4_S4_S4_S4_ii [qt-mt]	WidgetRK7QStringS4_iii [qt-mt]
_ZN11QMessageBox8criticalEP7QWidgetRK7QStringS4_S4_S4_S4_ii [qt-mt]	_ZN11QMessageBox8criticalEP7QWidgetRK7QStringS4_iii [qt-mt]
_ZN11QMessageBox8questionEP7QWidgetRK7QStringS4_S4_S4_S4_ii [qt-mt]	_ZN11QMessageBox8questionEP7QWidgetRK7QStringS4_iii [qt-mt]
_ZN11QMessageBox9qt_invokeEiP8QUObject [qt-mt]	_ZN11QMessageBox9showEventEP10QShowEvent [qt-mt]
_ZN11QMessageBoxC1EP7QWidgetPKc [qt-mt]	_ZN11QMessageBoxC1ERK7QStringS2_NS_4IconEiiiP7QWidgetPKcbj [qt-mt]
_ZN11QMessageBoxC2EP7QWidgetPKc [qt-mt]	_ZN11QMessageBoxC2ERK7QStringS2_NS_4IconEiiiP7QWidgetPKcbj [qt-mt]
_ZN11QMessageBoxD0Ev [qt-mt]	_ZN11QMessageBoxD1Ev [qt-mt]
_ZN11QMessageBoxD2Ev [qt-mt]	_ZN12QColorDialog11customColorEi [qt-mt]
_ZN12QColorDialog11customCountEv [qt-mt]	_ZN12QColorDialog11qt_propertyEiiP8QVariant [qt-mt]
_ZN12QColorDialog11selectColorERK6QColor [qt-mt]	_ZN12QColorDialog14setCustomColorEij [qt-mt]
_ZN12QColorDialog16setSelectedAlphaEi [qt-mt]	_ZN12QColorDialog16setStandardColorEij [qt-mt]
_ZN12QColorDialog16staticMetaObjectEv [qt-mt]	_ZN12QColorDialog18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN12QColorDialog2trEPKcS1 [qt-mt]	_ZN12QColorDialog6trUtf8EPKcS1_ [qt-mt]
_ZN12QColorDialog7getRgbaEjPbP7QWidgetPKc [qt-mt]	_ZN12QColorDialog7qt_castEPKc [qt-mt]
_ZN12QColorDialog7qt_emitEiP8QUObject [qt-mt]	_ZN12QColorDialog8getColorERK6QColorP7QWidgetPKc [qt-mt]
_ZN12QColorDialog8setColorERK6QColor [qt-mt]	_ZN12QColorDialog9qt_invokeEiP8QUObject [qt-mt]
_ZN12QColorDialogC1EP7QWidgetPKcb [qt-mt]	_ZN12QColorDialogC2EP7QWidgetPKcb [qt-mt]
_ZN12QColorDialogD0Ev [qt-mt]	_ZN12QColorDialogD1Ev [qt-mt]
_ZN12QColorDialogD2Ev [qt-mt]	_ZN12QFilePreviewC1Ev [qt-mt]
_ZN12QFilePreviewC2Ev [qt-mt]	_ZN12QInputDialog10getIntegerERK7QStringS2_iiiiPbP7QWidgetPKc [qt-mt]
_ZN12QInputDialog11qt_propertyEiiP8QVariant [qt-mt]	_ZN12QInputDialog11textChangedERK7QString [qt-mt]
_ZN12QInputDialog16staticMetaObj	_ZN12QInputDialog18qt_static_pro

 © 2008 Linux Foundation

ectEv [qt-mt]	pertyEP7QObjectiiP8QVariant [qt-mt]
ZN12QInputDialog2trEPKcS1 [qt-mt]	_ZN12QInputDialog6trUtf8EPKcS1_ [qt-mt]
_ZN12QInputDialog7getItemERK7QStringS2_RK11QStringListibPbP7QWidgetPKc [qt-mt]	_ZN12QInputDialog7getTextERK7QStringS2_N9QLineEdit8EchoModeES2_PbP7QWidgetPKc [qt-mt]
_ZN12QInputDialog7qt_castEPKc [qt-mt]	_ZN12QInputDialog7qt_emitEiP8QUObject [qt-mt]
_ZN12QInputDialog7setTypeENS_4TypeE [qt-mt]	_ZN12QInputDialog9getDoubleERK7QStringS2_dddiPbP7QWidgetPKc [qt-mt]
_ZN12QInputDialog9qt_invokeEiP8QUObject [qt-mt]	_ZN12QInputDialog9tryAcceptEv [qt-mt]
_ZN12QInputDialogC1ERK7QStringP7QWidgetPKcbNS_4TypeE [qt-mt]	_ZN12QInputDialogC2ERK7QStringP7QWidgetPKcbNS_4TypeE [qt-mt]
_ZN12QInputDialogD0Ev [qt-mt]	_ZN12QInputDialogD1Ev [qt-mt]
_ZN12QInputDialogD2Ev [qt-mt]	_ZN12QPrintDialog10setPrinterEP8QPrinterb [qt-mt]
_ZN12QPrintDialog10setupPaperEv [qt-mt]	_ZN12QPrintDialog11qt_propertyEiiP8QVariant [qt-mt]
_ZN12QPrintDialog11setLastPageEi [qt-mt]	_ZN12QPrintDialog12setFirstPageEi [qt-mt]
_ZN12QPrintDialog12setNumCopiesEi [qt-mt]	_ZN12QPrintDialog12setupOptionsEv [qt-mt]
_ZN12QPrintDialog13browseClickedEv [qt-mt]	_ZN12QPrintDialog14orientSelectedEi [qt-mt]
_ZN12QPrintDialog15getPrinterSetupEP8QPrinterP7QWidget [qt-mt]	_ZN12QPrintDialog16setupDestinationEv [qt-mt]
_ZN12QPrintDialog16staticMetaObjectEv [qt-mt]	_ZN12QPrintDialog17colorModeSelectedEi [qt-mt]
_ZN12QPrintDialog17landscapeSelectedEi [qt-mt]	_ZN12QPrintDialog17pageOrderSelectedEi [qt-mt]
_ZN12QPrintDialog17paperSizeSelectedEi [qt-mt]	_ZN12QPrintDialog18printRangeSelectedEi [qt-mt]
_ZN12QPrintDialog18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN12QPrintDialog19fileNameEditChangedERK7QString [qt-mt]
ZN12QPrintDialog20setGlobalPrintDialogEPS [qt-mt]	_ZN12QPrintDialog20setupPrinterSettingsEv [qt-mt]
_ZN12QPrintDialog21printerOrFileSelectedEi [qt-mt]	_ZN12QPrintDialog2trEPKcS1_ [qt-mt]
ZN12QPrintDialog6trUtf8EPKcS1 [qt-mt]	_ZN12QPrintDialog7qt_castEPKc [qt-mt]
_ZN12QPrintDialog7qt_emitEiP8QUObject [qt-mt]	_ZN12QPrintDialog9addButtonEP11QPushButton [qt-mt]
_ZN12QPrintDialog9okClickedEv	_ZN12QPrintDialog9qt_invokeEiP8

[qt-mt]	QUObject [qt-mt]
_ZN12QPrintDialogC1EP8QPrinterP7QWidgetPKc [qt-mt]	_ZN12QPrintDialogC2EP8QPrinterP7QWidgetPKc [qt-mt]
_ZN12QPrintDialogD0Ev [qt-mt]	_ZN12QPrintDialogD1Ev [qt-mt]
_ZN12QPrintDialogD2Ev [qt-mt]	_ZN13QErrorMessage11nextPendingEv [qt-mt]
_ZN13QErrorMessage11qt_propertyEiiP8QVariant [qt-mt]	_ZN13QErrorMessage16staticMetaObjectEv [qt-mt]
_ZN13QErrorMessage18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN13QErrorMessage2trEPKcS1_ [qt-mt]
_ZN13QErrorMessage4doneEi [qt-mt]	_ZN13QErrorMessage6trUtf8EPKcS1_ [qt-mt]
_ZN13QErrorMessage7messageERK7QString [qt-mt]	_ZN13QErrorMessage7qt_castEPKc [qt-mt]
_ZN13QErrorMessage7qt_emitEiP8QUObject [qt-mt]	_ZN13QErrorMessage9qtHandlerEv [qt-mt]
_ZN13QErrorMessage9qt_invokeEiP8QUObject [qt-mt]	_ZN13QErrorMessageC1EP7QWidgetPKc [qt-mt]
_ZN13QErrorMessageC2EP7QWidgetPKc [qt-mt]	_ZN13QErrorMessageD0Ev [qt-mt]
_ZN13QErrorMessageD1Ev [qt-mt]	_ZN13QErrorMessageD2Ev [qt-mt]
_ZN15QProgressDialog10closeEventEP11QCloseEvent [qt-mt]	_ZN15QProgressDialog11qt_propertyEiiP8QVariant [qt-mt]
_ZN15QProgressDialog11resizeEventEP12QResizeEvent [qt-mt]	_ZN15QProgressDialog11setProgressEi [qt-mt]
_ZN15QProgressDialog11setProgressEii [qt-mt]	_ZN15QProgressDialog11styleChangeER6QStyle [qt-mt]
_ZN15QProgressDialog12setAutoCloseEb [qt-mt]	_ZN15QProgressDialog12setAutoResetEb [qt-mt]
_ZN15QProgressDialog12setLabelTextERK7QString [qt-mt]	_ZN15QProgressDialog13setTotalStepsEi [qt-mt]
_ZN15QProgressDialog15setCancelButtonEP11QPushButton [qt-mt]	_ZN15QProgressDialog16staticMetaObjectEv [qt-mt]
_ZN15QProgressDialog18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN15QProgressDialog18setMinimumDurationEi [qt-mt]
_ZN15QProgressDialog19setCancelButtonTextERK7QString [qt-mt]	_ZN15QProgressDialog2trEPKcS1_ [qt-mt]
_ZN15QProgressDialog4initEP7QWidgetRK7QStringS4_i [qt-mt]	_ZN15QProgressDialog5resetEv [qt-mt]
_ZN15QProgressDialog6cancelEv [qt-mt]	_ZN15QProgressDialog6layoutEv [qt-mt]
_ZN15QProgressDialog6setBarEP12QProgressBar [qt-mt]	_ZN15QProgressDialog6trUtf8EPKcS1_ [qt-mt]

 © 2008 Linux Foundation

_ZN15QProgressDialog7qt_castEPKc [qt-mt]	_ZN15QProgressDialog7qt_emitEiP8QUObject [qt-mt]
_ZN15QProgressDialog8canceledEv [qt-mt]	_ZN15QProgressDialog8setLabelEP6QLabel [qt-mt]
_ZN15QProgressDialog9cancelledEv [qt-mt]	_ZN15QProgressDialog9forceShowEv [qt-mt]
_ZN15QProgressDialog9qt_invokeEiP8QUObject [qt-mt]	_ZN15QProgressDialog9showEventEP10QShowEvent [qt-mt]
_ZN15QProgressDialogC1EP7QWidgetPKcbj [qt-mt]	_ZN15QProgressDialogC1ERK7QStringS2_iP7QWidgetPKcbj [qt-mt]
_ZN15QProgressDialogC2EP7QWidgetPKcbj [qt-mt]	_ZN15QProgressDialogC2ERK7QStringS2_iP7QWidgetPKcbj [qt-mt]
_ZN15QProgressDialogD0Ev [qt-mt]	_ZN15QProgressDialogD1Ev [qt-mt]
_ZN15QProgressDialogD2Ev [qt-mt]	_ZN17QFileIconProvider11qt_propertyEiiP8QVariant [qt-mt]
_ZN17QFileIconProvider16staticMetaObjectEv [qt-mt]	_ZN17QFileIconProvider18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN17QFileIconProvider2trEPKcS1 [qt-mt]	_ZN17QFileIconProvider6pixmapERK9QFileInfo [qt-mt]
ZN17QFileIconProvider6trUtf8EPKcS1 [qt-mt]	_ZN17QFileIconProvider7qt_castEPKc [qt-mt]
_ZN17QFileIconProvider7qt_emitEiP8QUObject [qt-mt]	_ZN17QFileIconProvider9qt_invokeEiP8QUObject [qt-mt]
_ZN17QFileIconProviderC1EP7QObjectPKc [qt-mt]	_ZN17QFileIconProviderC2EP7QObjectPKc [qt-mt]
_ZN7QDialog10closeEventEP11QCloseEvent [qt-mt]	_ZN7QDialog10setDefaultEP11QPushButton [qt-mt]
_ZN7QDialog11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN7QDialog11hideDefaultEv [qt-mt]
_ZN7QDialog11qt_propertyEiiP8QVariant [qt-mt]	_ZN7QDialog11resizeEventEP12QResizeEvent [qt-mt]
_ZN7QDialog11setGeometryERK5QRect [qt-mt]	_ZN7QDialog11setGeometryEiiii [qt-mt]
_ZN7QDialog12setExtensionEP7QWidget [qt-mt]	_ZN7QDialog13keyPressEventEP9QKeyEvent [qt-mt]
_ZN7QDialog13showExtensionEb [qt-mt]	_ZN7QDialog14adjustPositionEP7QWidget [qt-mt]
_ZN7QDialog14setMainDefaultEP11QPushButton [qt-mt]	_ZN7QDialog14setOrientationEN2Qt11OrientationE [qt-mt]
_ZN7QDialog16contextMenuEventEP17QContextMenuEvent [qt-mt]	_ZN7QDialog16staticMetaObjectEv [qt-mt]
_ZN7QDialog18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN7QDialog18setSizeGripEnabledEb [qt-mt]
_ZN7QDialog22adjustPositionInternalEP7QWidgetb [qt-mt]	_ZN7QDialog2trEPKcS1_ [qt-mt]

_ZN7QDialog4doneEi [qt-mt]	_ZN7QDialog4execEv [qt-mt]
_ZN7QDialog4hideEv [qt-mt]	_ZN7QDialog4moveERK6QPoint [qt-mt]
_ZN7QDialog4moveEii [qt-mt]	_ZN7QDialog4showEv [qt-mt]
_ZN7QDialog6acceptEv [qt-mt]	_ZN7QDialog6rejectEv [qt-mt]
_ZN7QDialog6resizeERK5QSize [qt-mt]	_ZN7QDialog6resizeEii [qt-mt]
ZN7QDialog6trUtf8EPKcS1 [qt-mt]	_ZN7QDialog7qt_castEPKc [qt-mt]
_ZN7QDialog7qt_emitEiP8QUObject [qt-mt]	_ZN7QDialog8setModalEb [qt-mt]
_ZN7QDialog9qt_invokeEiP8QUObject [qt-mt]	_ZN7QDialogC1EP7QWidgetPKcbj [qt-mt]
_ZN7QDialogC2EP7QWidgetPKcbj [qt-mt]	_ZN7QDialogD0Ev [qt-mt]
_ZN7QDialogD1Ev [qt-mt]	_ZN7QDialogD2Ev [qt-mt]
_ZN7QWizard10insertPageEP7QWidgetRK7QStringi [qt-mt]	_ZN7QWizard10removePageEP7QWidget [qt-mt]
_ZN7QWizard11eventFilterEP7QObjectP6QEvent [qt-mt]	_ZN7QWizard11helpClickedEv [qt-mt]
_ZN7QWizard11qt_propertyEiiP8QVariant [qt-mt]	_ZN7QWizard12setTitleFontERK5QFont [qt-mt]
_ZN7QWizard13updateButtonsEv [qt-mt]	_ZN7QWizard14layOutTitleRowEP11QHBoxLayoutRK7QString [qt-mt]
_ZN7QWizard14setAppropriateEP7QWidgetb [qt-mt]	_ZN7QWizard14setBackEnabledEP7QWidgetb [qt-mt]
_ZN7QWizard14setBackEnabledEb [qt-mt]	_ZN7QWizard14setHelpEnabledEP7QWidgetb [qt-mt]
_ZN7QWizard14setHelpEnabledEb [qt-mt]	_ZN7QWizard14setNextEnabledEP7QWidgetb [qt-mt]
_ZN7QWizard14setNextEnabledEb [qt-mt]	_ZN7QWizard15layOutButtonRowEP11QHBoxLayout [qt-mt]
_ZN7QWizard16setFinishEnabledEP7QWidgetb [qt-mt]	_ZN7QWizard16staticMetaObjectEv [qt-mt]
_ZN7QWizard18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN7QWizard2trEPKcS1_ [qt-mt]
_ZN7QWizard4backEv [qt-mt]	_ZN7QWizard4helpEv [qt-mt]
_ZN7QWizard4nextEv [qt-mt]	_ZN7QWizard4showEv [qt-mt]
_ZN7QWizard6layOutEv [qt-mt]	_ZN7QWizard6trUtf8EPKcS1_ [qt-mt]
_ZN7QWizard7addPageEP7QWidgetRK7QString [qt-mt]	_ZN7QWizard7qt_castEPKc [qt-mt]
_ZN7QWizard7qt_emitEiP8QUObject [qt-mt]	_ZN7QWizard7setFontERK5QFont [qt-mt]
_ZN7QWizard8selectedERK7QStrin	_ZN7QWizard8setTitleEP7QWidget

 © 2008 Linux Foundation

g [qt-mt]	RK7QString [qt-mt]
_ZN7QWizard8showPageEP7QWidget [qt-mt]	_ZN7QWizard9qt_invokeEiP8QUObject [qt-mt]
_ZN7QWizardC1EP7QWidgetPKcbj [qt-mt]	_ZN7QWizardC2EP7QWidgetPKcbj [qt-mt]
_ZN7QWizardD0Ev [qt-mt]	_ZN7QWizardD1Ev [qt-mt]
_ZN7QWizardD2Ev [qt-mt]	_ZNK10QSemiModal9classNameEv [qt-mt]
_ZNK10QTabDialog11currentPageEv [qt-mt]	_ZNK10QTabDialog11hasOkButtonEv [qt-mt]
_ZNK10QTabDialog12isTabEnabledEP7QWidget [qt-mt]	_ZNK10QTabDialog12isTabEnabledEPKc [qt-mt]
_ZNK10QTabDialog13hasHelpButtonEv [qt-mt]	_ZNK10QTabDialog14hasApplyButtonEv [qt-mt]
_ZNK10QTabDialog15hasCancelButtonEv [qt-mt]	_ZNK10QTabDialog16hasDefaultButtonEv [qt-mt]
_ZNK10QTabDialog6tabBarEv [qt-mt]	_ZNK10QTabDialog9classNameEv [qt-mt]
_ZNK11QFileDialog11previewModeEv [qt-mt]	_ZNK11QFileDialog12selectedFileEv [qt-mt]
_ZNK11QFileDialog13selectedFilesEv [qt-mt]	_ZNK11QFileDialog14selectedFilterEv [qt-mt]
_ZNK11QFileDialog15showHiddenFilesEv [qt-mt]	_ZNK11QFileDialog20isInfoPreviewEnabledEv [qt-mt]
_ZNK11QFileDialog24isContentsPreviewEnabledEv [qt-mt]	_ZNK11QFileDialog3dirEv [qt-mt]
_ZNK11QFileDialog3urlEv [qt-mt]	_ZNK11QFileDialog4modeEv [qt-mt]
_ZNK11QFileDialog7dirPathEv [qt-mt]	_ZNK11QFileDialog8viewModeEv [qt-mt]
_ZNK11QFileDialog9classNameEv [qt-mt]	_ZNK11QFontDialog4fontEv [qt-mt]
_ZNK11QFontDialog9classNameEv [qt-mt]	_ZNK11QMessageBox10buttonTextEi [qt-mt]
_ZNK11QMessageBox10iconPixmapEv [qt-mt]	_ZNK11QMessageBox10textFormatEv [qt-mt]
_ZNK11QMessageBox4iconEv [qt-mt]	_ZNK11QMessageBox4textEv [qt-mt]
_ZNK11QMessageBox7indexOfEi [qt-mt]	_ZNK11QMessageBox9classNameEv [qt-mt]
_ZNK12QColorDialog13selectedAlphaEv [qt-mt]	_ZNK12QColorDialog5colorEv [qt-mt]
_ZNK12QColorDialog9classNameEv [qt-mt]	_ZNK12QInputDialog16editableComboBoxEv [qt-mt]
_ZNK12QInputDialog4typeEv [qt-	_ZNK12QInputDialog7spinBoxEv

mt]	[qt-mt]
_ZNK12QInputDialog8comboBoxEv [qt-mt]	_ZNK12QInputDialog8lineEditEv [qt-mt]
_ZNK12QInputDialog9classNameEv [qt-mt]	_ZNK12QPrintDialog7printerEv [qt-mt]
_ZNK12QPrintDialog9classNameEv [qt-mt]	_ZNK13QErrorMessage9classNameEv [qt-mt]
_ZNK15QProgressDialog10totalStepsEv [qt-mt]	_ZNK15QProgressDialog12wasCancelledEv [qt-mt]
_ZNK15QProgressDialog15minimumDurationEv [qt-mt]	_ZNK15QProgressDialog3barEv [qt-mt]
_ZNK15QProgressDialog5labelEv [qt-mt]	_ZNK15QProgressDialog8progressEv [qt-mt]
_ZNK15QProgressDialog8sizeHintEv [qt-mt]	_ZNK15QProgressDialog9autoCloseEv [qt-mt]
_ZNK15QProgressDialog9autoResetEv [qt-mt]	_ZNK15QProgressDialog9classNameEv [qt-mt]
_ZNK15QProgressDialog9labelTextEv [qt-mt]	_ZNK17QFileIconProvider9classNameEv [qt-mt]
_ZNK7QDialog11orientationEv [qt-mt]	_ZNK7QDialog15minimumSizeHintEv [qt-mt]
_ZNK7QDialog17isSizeGripEnabledEv [qt-mt]	_ZNK7QDialog7isModalEv [qt-mt]
_ZNK7QDialog8sizeHintEv [qt-mt]	_ZNK7QDialog9classNameEv [qt-mt]
_ZNK7QDialog9extensionEv [qt-mt]	_ZNK7QWizard10backButtonEv [qt-mt]
_ZNK7QWizard10helpButtonEv [qt-mt]	_ZNK7QWizard10nextButtonEv [qt-mt]
_ZNK7QWizard11appropriateEP7QWidget [qt-mt]	_ZNK7QWizard11currentPageEv [qt-mt]
_ZNK7QWizard12cancelButtonEv [qt-mt]	_ZNK7QWizard12finishButtonEv [qt-mt]
_ZNK7QWizard4pageEi [qt-mt]	_ZNK7QWizard5titleEP7QWidget [qt-mt]
_ZNK7QWizard7indexOfEP7QWidget [qt-mt]	_ZNK7QWizard9classNameEv [qt-mt]
_ZNK7QWizard9pageCountEv [qt-mt]	_ZNK7QWizard9titleFontEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Dialogs specified in Table 18-538, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-538 libqt-mt - Qt3 Dialogs Data Interfaces

_ZN10QSemiModal7metaObjE [qt-	_ZN10QTabDialog7metaObjE [qt-

 © 2008 Linux Foundation

mt]	mt]
_ZN11QFileDialog7metaObjE [qt-mt]	_ZN11QFontDialog7metaObjE [qt-mt]
_ZN11QMessageBox7metaObjE [qt-mt]	_ZN12QColorDialog7metaObjE [qt-mt]
_ZN12QInputDialog7metaObjE [qt-mt]	_ZN12QPrintDialog7metaObjE [qt-mt]
_ZN13QErrorMessage7metaObjE [qt-mt]	_ZN15QProgressDialog7metaObjE [qt-mt]
_ZN17QFileIconProvider7metaObjE [qt-mt]	_ZN7QDialog7metaObjE [qt-mt]
_ZN7QWizard7metaObjE [qt-mt]	_ZTI10QSemiModal [CXXABI]
_ZTI10QTabDialog [CXXABI]	_ZTI11QFileDialog [CXXABI]
_ZTI11QFontDialog [CXXABI]	_ZTI11QMessageBox [CXXABI]
_ZTI12QColorDialog [CXXABI]	_ZTI12QFilePreview [CXXABI]
_ZTI12QInputDialog [CXXABI]	_ZTI12QPrintDialog [CXXABI]
_ZTI13QErrorMessage [CXXABI]	_ZTI15QProgressDialog [CXXABI]
_ZTI17QFileIconProvider [CXXABI]	_ZTI7QDialog [CXXABI]
_ZTI7QWizard [CXXABI]	_ZTV10QSemiModal [CXXABI]
_ZTV10QTabDialog [CXXABI]	_ZTV11QFileDialog [CXXABI]
_ZTV11QFontDialog [CXXABI]	_ZTV11QMessageBox [CXXABI]
_ZTV12QColorDialog [CXXABI]	_ZTV12QFilePreview [CXXABI]
_ZTV12QInputDialog [CXXABI]	_ZTV12QPrintDialog [CXXABI]
_ZTV13QErrorMessage [CXXABI]	_ZTV15QProgressDialog [CXXABI]
_ZTV17QFileIconProvider [CXXABI]	_ZTV7QDialog [CXXABI]
_ZTV7QWizard [CXXABI]	

18.2.27 Qt3 Tables

18.2.27.1 Class data for QTableItem

The virtual table for the QTableItem class is described by Table 18-539

Table 18-539 Primary vtable for QTableItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTableItem
vfunc[0]:	QTableItem::~QTableItem()
vfunc[1]:	QTableItem::~QTableItem()
vfunc[2]:	QTableItem::pixmap() const
vfunc[3]:	QTableItem::text() const
vfunc[4]:	QTableItem::setPixmap(QPixmap const&)
vfunc[5]:	QTableItem::setText(QString const&)

vfunc[6]:	QTableItem::alignment() const
vfunc[7]:	QTableItem::setWordWrap(bool)
vfunc[8]:	QTableItem::createEditor() const
vfunc[9]:	QTableItem::setContentFromEditor(QWidget*)
vfunc[10]:	QTableItem::setReplaceable(bool)
vfunc[11]:	QTableItem::key() const
vfunc[12]:	QTableItem::sizeHint() const
vfunc[13]:	QTableItem::setSpan(int, int)
vfunc[14]:	QTableItem::setRow(int)
vfunc[15]:	QTableItem::setCol(int)
vfunc[16]:	QTableItem::paint(QPainter*, QColorGroup const&, QRect const&, bool)
vfunc[17]:	QTableItem::setEnabled(bool)
vfunc[18]:	QTableItem::rtti() const

The Run Time Type Information for the QTableItem class is described by Table 18-540

Table 18-540 typeinfo for QTableItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTableItem
basetype:	typeinfo for Qt

18.2.27.2 Class data for QCheckTableItem

The virtual table for the QCheckTableItem class is described by Table 18-541

Table 18-541 Primary vtable for QCheckTableItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QCheckTableItem
vfunc[0]:	NULL or QCheckTableItem::~QCheckTableItem()
vfunc[1]:	NULL or QCheckTableItem::~QCheckTableItem()
vfunc[2]:	QTableItem::pixmap() const
vfunc[3]:	QTableItem::text() const
vfunc[4]:	QTableItem::setPixmap(QPixmap const&)
vfunc[5]:	QCheckTableItem::setText(QString const&)

 © 2008 Linux Foundation

vfunc[6]:	QTableItem::alignment() const
vfunc[7]:	QTableItem::setWordWrap(bool)
vfunc[8]:	QCheckTableItem::createEditor() const
vfunc[9]:	QCheckTableItem::setContentFromEditor(QWidget*)
vfunc[10]:	QTableItem::setReplaceable(bool)
vfunc[11]:	QTableItem::key() const
vfunc[12]:	QCheckTableItem::sizeHint() const
vfunc[13]:	QTableItem::setSpan(int, int)
vfunc[14]:	QTableItem::setRow(int)
vfunc[15]:	QTableItem::setCol(int)
vfunc[16]:	QCheckTableItem::paint(QPainter*, QColorGroup const&, QRect const&, bool)
vfunc[17]:	QTableItem::setEnabled(bool)
vfunc[18]:	QCheckTableItem::rtti() const
vfunc[19]:	QCheckTableItem::setChecked(bool)

The Run Time Type Information for the QCheckTableItem class is described by Table 18-542

Table 18-542 typeinfo for QCheckTableItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCheckTableItem
basetype:	typeinfo for QTableItem

18.2.27.3 Class data for QHeader

The virtual table for the QHeader class is described by Table 18-543

Table 18-543 Primary vtable for QHeader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QHeader
vfunc[0]:	NULL or QHeader::metaObject() const
vfunc[1]:	QHeader::className() const
vfunc[2]:	QHeader::qt_cast(char const*)
vfunc[3]:	QHeader::qt_invoke(int, QUObject*)
vfunc[4]:	QHeader::qt_emit(int, QUObject*)
vfunc[5]:	QHeader::qt_property(int, int, QVariant*)
vfunc[6]:	QHeader::~QHeader()

vfunc[7]:	QHeader::~QHeader()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)

 © 2008 Linux Foundation

vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QHeader::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QHeader::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QHeader::mousePressEvent(QMous

	eEvent*)
vfunc[70]:	QHeader::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QHeader::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QHeader::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QHeader::keyPressEvent(QKeyEvent*)
vfunc[75]:	QHeader::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QHeader::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QHeader::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QHeader::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()

 © 2008 Linux Foundation

vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QHeader::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange (bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QHeader::setLabel(int, QString const&, int)
vfunc[111]:	QHeader::setLabel(int, QIconSet const&, QString const&, int)
vfunc[112]:	QHeader::setOrientation(Qt::Orientation)
vfunc[113]:	NULL or QHeader::setTracking(bool)
vfunc[114]:	QHeader::setClickEnabled(bool, int)
vfunc[115]:	QHeader::setResizeEnabled(bool, int)
vfunc[116]:	QHeader::setMovingEnabled(bool)
vfunc[117]:	QHeader::setStretchEnabled(bool, int)
vfunc[118]:	QHeader::setCellSize(int, int)
vfunc[119]:	QHeader::moveCell(int, int)
vfunc[120]:	QHeader::setOffset(int)
vfunc[121]:	QHeader::paintSection(QPainter*, int, QRect const&)
vfunc[122]:	QHeader::paintSectionLabel(QPainter*, int, QRect const&)

The Run Time Type Information for the QHeader class is described by Table 18-544

Table 18-544 typeinfo for QHeader

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHeader
basetype:	typeinfo for QWidget

18.2.27.4 Class data for QDataTable

The virtual table for the QDataTable class is described by Table 18-545

Table 18-545 Primary vtable for QDataTable

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDataTable
vfunc[0]:	NULL or QDataTable::metaObject() const
vfunc[1]:	QDataTable::className() const
vfunc[2]:	QDataTable::qt_cast(char const*)
vfunc[3]:	QDataTable::qt_invoke(int, QUObject*)
vfunc[4]:	QDataTable::qt_emit(int, QUObject*)
vfunc[5]:	QDataTable::qt_property(int, int, QVariant*)
vfunc[6]:	QDataTable::~QDataTable()
vfunc[7]:	QDataTable::~QDataTable()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QDataTable::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QTable::setEnabled(bool)

 © 2008 Linux Foundation

vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()

vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QTable::sizeHint() const
vfunc[59]:	QScrollView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QDataTable::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QTable::focusInEvent(QFocusEvent*)
vfunc[77]:	QTable::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QTable::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*

 © 2008 Linux Foundation

	)
vfunc[82]:	QDataTable::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QTable::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QScrollView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QTable::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QScrollView::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)

vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QTable::drawContents(QPainter*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrollView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)
vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QScrollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QScrollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QScrollView::setContentsPos(int, int)
vfunc[127]:	QDataTable::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QDataTable::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QTable::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QTable::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QTable::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QTable::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QTable::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QTable::contentsDragLeaveEvent(QDragLeaveEvent*)
vfunc[136]:	QTable::contentsDropEvent(QDropE

 © 2008 Linux Foundation

	vent*)
vfunc[137]:	QScrollView::contentsWheelEvent(QWheelEvent*)
vfunc[138]:	QDataTable::contentsContextMenuEvent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QTable::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDoubleClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEvent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(QDropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)
vfunc[154]:	QTable::setSelectionMode(QTable::SelectionMode)
vfunc[155]:	QDataTable::setItem(int, int, QTableItem*)
vfunc[156]:	QTable::setText(int, int, QString const&)
vfunc[157]:	QDataTable::setPixmap(int, int, QPixmap const&)
vfunc[158]:	QDataTable::item(int, int) const
vfunc[159]:	QDataTable::text(int, int) const

vfunc[160]:	QTable::pixmap(int, int) const
vfunc[161]:	QDataTable::clearCell(int, int)
vfunc[162]:	QTable::cellGeometry(int, int) const
vfunc[163]:	QTable::columnWidth(int) const
vfunc[164]:	QTable::rowHeight(int) const
vfunc[165]:	QTable::columnPos(int) const
vfunc[166]:	QTable::rowPos(int) const
vfunc[167]:	QTable::columnAt(int) const
vfunc[168]:	QTable::rowAt(int) const
vfunc[169]:	QDataTable::numRows() const
vfunc[170]:	QDataTable::numCols() const
vfunc[171]:	QTable::addSelection(QTableSelection const&)
vfunc[172]:	QTable::removeSelection(QTableSelection const&)
vfunc[173]:	QTable::removeSelection(int)
vfunc[174]:	QTable::currentSelection() const
vfunc[175]:	QDataTable::sortColumn(int, bool, bool)
vfunc[176]:	QDataTable::takeItem(QTableItem*)
vfunc[177]:	QTable::setCellWidget(int, int, QWidget*)
vfunc[178]:	QTable::cellWidget(int, int) const
vfunc[179]:	QTable::clearCellWidget(int, int)
vfunc[180]:	QTable::cellRect(int, int) const
vfunc[181]:	QTable::paintCell(QPainter*, int, int, QRect const&, bool)
vfunc[182]:	QDataTable::paintCell(QPainter*, int, int, QRect const&, bool, QColorGroup const&)
vfunc[183]:	QTable::paintFocus(QPainter*, QRect const&)
vfunc[184]:	QTable::setFocusStyle(QTable::FocusStyle)
vfunc[185]:	QDataTable::setNumRows(int)
vfunc[186]:	QDataTable::setNumCols(int)
vfunc[187]:	QTable::setShowGrid(bool)
vfunc[188]:	QTable::hideRow(int)
vfunc[189]:	QDataTable::hideColumn(int)
vfunc[190]:	QTable::showRow(int)
vfunc[191]:	QDataTable::showColumn(int)
vfunc[192]:	QDataTable::setColumnWidth(int,

 © 2008 Linux Foundation

	int)
vfunc[193]:	QTable::setRowHeight(int, int)
vfunc[194]:	QDataTable::adjustColumn(int)
vfunc[195]:	QTable::adjustRow(int)
vfunc[196]:	QDataTable::setColumnStretchable(int, bool)
vfunc[197]:	QTable::setRowStretchable(int, bool)
vfunc[198]:	QTable::setSorting(bool)
vfunc[199]:	QTable::swapRows(int, int, bool)
vfunc[200]:	QDataTable::swapColumns(int, int, bool)
vfunc[201]:	QTable::swapCells(int, int, int, int)
vfunc[202]:	QTable::setLeftMargin(int)
vfunc[203]:	QTable::setTopMargin(int)
vfunc[204]:	QTable::setCurrentCell(int, int)
vfunc[205]:	QTable::setColumnMovingEnabled(bool)
vfunc[206]:	QTable::setRowMovingEnabled(bool)
vfunc[207]:	QTable::setReadOnly(bool)
vfunc[208]:	QTable::setRowReadOnly(int, bool)
vfunc[209]:	QTable::setColumnReadOnly(int, bool)
vfunc[210]:	QTable::setDragEnabled(bool)
vfunc[211]:	QTable::insertRows(int, int)
vfunc[212]:	QTable::insertColumns(int, int)
vfunc[213]:	QTable::removeRow(int)
vfunc[214]:	QTable::removeRows(QMemArray< int> const&)
vfunc[215]:	QTable::removeColumn(int)
vfunc[216]:	QTable::removeColumns(QMemArray<int> const&)
vfunc[217]:	QTable::editCell(int, int, bool)
vfunc[218]:	QTable::dragObject()
vfunc[219]:	QTable::startDrag()
vfunc[220]:	QTable::paintEmptyArea(QPainter*, int, int, int, int)
vfunc[221]:	QDataTable::activateNextCell()
vfunc[222]:	QDataTable::createEditor(int, int, bool) const
vfunc[223]:	QTable::setCellContentFromEditor(int, int)

vfunc[224]:	QDataTable::beginEdit(int, int, bool)
vfunc[225]:	QDataTable::endEdit(int, int, bool, bool)
vfunc[226]:	QDataTable::resizeData(int)
vfunc[227]:	QTable::insertWidget(int, int, QWidget*)
vfunc[228]:	QTable::columnWidthChanged(int)
vfunc[229]:	QTable::rowHeightChanged(int)
vfunc[230]:	QTable::columnIndexChanged(int, int, int)
vfunc[231]:	QTable::rowIndexChanged(int, int, int)
vfunc[232]:	QDataTable::columnClicked(int)
vfunc[233]:	QDataTable::addColumn(QString const&, QString const&, int, QIconSet const&)
vfunc[234]:	QDataTable::removeColumn(unsigned int)
vfunc[235]:	QDataTable::setColumn(unsigned int, QString const&, QString const&, int, QIconSet const&)
vfunc[236]:	QDataTable::setSqlCursor(QSqlCursor*, bool, bool)
vfunc[237]:	QDataTable::setNullText(QString const&)
vfunc[238]:	QDataTable::setTrueText(QString const&)
vfunc[239]:	QDataTable::setFalseText(QString const&)
vfunc[240]:	QDataTable::setDateFormat(Qt::DateFormat)
vfunc[241]:	QDataTable::setConfirmEdits(bool)
vfunc[242]:	QDataTable::setConfirmInsert(bool)
vfunc[243]:	QDataTable::setConfirmUpdate(bool)
vfunc[244]:	QDataTable::setConfirmDelete(bool)
vfunc[245]:	QDataTable::setConfirmCancels(bool)
vfunc[246]:	QDataTable::setAutoDelete(bool)
vfunc[247]:	QDataTable::setAutoEdit(bool)
vfunc[248]:	QDataTable::setFilter(QString const&)
vfunc[249]:	QDataTable::setSort(QStringList const&)

 © 2008 Linux Foundation

vfunc[250]:	QDataTable::setSort(QSqlIndex const&)
vfunc[251]:	QDataTable::find(QString const&, bool, bool)
vfunc[252]:	QDataTable::sortAscending(int)
vfunc[253]:	QDataTable::sortDescending(int)
vfunc[254]:	QDataTable::refresh()
vfunc[255]:	QDataTable::insertCurrent()
vfunc[256]:	QDataTable::updateCurrent()
vfunc[257]:	QDataTable::deleteCurrent()
vfunc[258]:	QDataTable::confirmEdit(QSql::Op)
vfunc[259]:	QDataTable::confirmCancel(QSql::Op)
vfunc[260]:	QDataTable::handleError(QSqlError const&)
vfunc[261]:	QDataTable::beginInsert()
vfunc[262]:	QDataTable::beginUpdate(int, int, bool)
vfunc[263]:	QDataTable::paintField(QPainter*, QSqlField const*, QRect const&, bool)
vfunc[264]:	QDataTable::fieldAlignment(QSqlField const*)

The Run Time Type Information for the QDataTable class is described by Table 18-546

Table 18-546 typeinfo for QDataTable

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDataTable
basetype:	typeinfo for QTable

18.2.27.5 Class data for QComboTableItem

The virtual table for the QComboTableItem class is described by Table 18-547

Table 18-547 Primary vtable for QComboTableItem

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QComboTableItem
vfunc[0]:	QComboTableItem::~QComboTableItem()
vfunc[1]:	QComboTableItem::~QComboTableItem()
vfunc[2]:	QTableItem::pixmap() const

vfunc[3]:	QTableItem::text() const
vfunc[4]:	QTableItem::setPixmap(QPixmap const&)
vfunc[5]:	QTableItem::setText(QString const&)
vfunc[6]:	QTableItem::alignment() const
vfunc[7]:	QTableItem::setWordWrap(bool)
vfunc[8]:	QComboTableItem::createEditor() const
vfunc[9]:	QComboTableItem::setContentFromEditor(QWidget*)
vfunc[10]:	QTableItem::setReplaceable(bool)
vfunc[11]:	QTableItem::key() const
vfunc[12]:	QComboTableItem::sizeHint() const
vfunc[13]:	QTableItem::setSpan(int, int)
vfunc[14]:	QTableItem::setRow(int)
vfunc[15]:	QTableItem::setCol(int)
vfunc[16]:	QComboTableItem::paint(QPainter*, QColorGroup const&, QRect const&, bool)
vfunc[17]:	QTableItem::setEnabled(bool)
vfunc[18]:	QComboTableItem::rtti() const
vfunc[19]:	QComboTableItem::setCurrentItem(int)
vfunc[20]:	QComboTableItem::setCurrentItem(QString const&)
vfunc[21]:	QComboTableItem::setEditable(bool)
vfunc[22]:	QComboTableItem::setStringList(QStringList const&)

The Run Time Type Information for the QComboTableItem class is described by Table 18-548

Table 18-548 typeinfo for QComboTableItem

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QComboTableItem
basetype:	typeinfo for QTableItem

18.2.27.6 Class data for QTable

The virtual table for the QTable class is described by Table 18-549

Table 18-549 Primary vtable for QTable

Base Offset	0
Virtual Base Offset	0

 © 2008 Linux Foundation

RTTI	typeinfo for QTable
vfunc[0]:	NULL or QTable::metaObject() const
vfunc[1]:	QTable::className() const
vfunc[2]:	QTable::qt_cast(char const*)
vfunc[3]:	QTable::qt_invoke(int, QUObject*)
vfunc[4]:	QTable::qt_emit(int, QUObject*)
vfunc[5]:	QTable::qt_property(int, int, QVariant*)
vfunc[6]:	QTable::~QTable()
vfunc[7]:	QTable::~QTable()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QTable::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QScrollView::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QTable::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)
vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)

vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QScrollView::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)
vfunc[54]:	QScrollView::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QTable::sizeHint() const
vfunc[59]:	QScrollView::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)

 © 2008 Linux Foundation

vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QScrollView::mousePressEvent(QMouseEvent*)
vfunc[70]:	QScrollView::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QScrollView::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QScrollView::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QScrollView::wheelEvent(QWheelEvent*)
vfunc[74]:	QTable::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QTable::focusInEvent(QFocusEvent*)
vfunc[77]:	QTable::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QTable::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QScrollView::resizeEvent(QResizeEvent*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QScrollView::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)

vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QTable::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QScrollView::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QScrollView::fontChange(QFont const&)
vfunc[101]:	QTable::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QScrollView::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QFrame::setFrameStyle(int)
vfunc[111]:	QFrame::setLineWidth(int)
vfunc[112]:	QFrame::setMargin(int)
vfunc[113]:	QFrame::setMidLineWidth(int)
vfunc[114]:	QFrame::setFrameRect(QRect const&)
vfunc[115]:	QFrame::drawFrame(QPainter*)
vfunc[116]:	QTable::drawContents(QPainter*)
vfunc[117]:	QScrollView::frameChanged()
vfunc[118]:	QScrollView::setResizePolicy(QScrollView::ResizePolicy)
vfunc[119]:	QScrollView::addChild(QWidget*, int, int)

 © 2008 Linux Foundation

vfunc[120]:	QScrollView::moveChild(QWidget*, int, int)
vfunc[121]:	QScrollView::setVScrollBarMode(QScrollView::ScrollBarMode)
vfunc[122]:	QScrollView::setHScrollBarMode(QScrollView::ScrollBarMode)
vfunc[123]:	QScrollView::setCornerWidget(QWidget*)
vfunc[124]:	QScrollView::setDragAutoScroll(bool)
vfunc[125]:	QScrollView::resizeContents(int, int)
vfunc[126]:	QScrollView::setContentsPos(int, int)
vfunc[127]:	QTable::drawContents(QPainter*, int, int, int, int)
vfunc[128]:	QScrollView::drawContentsOffset(QPainter*, int, int, int, int, int, int)
vfunc[129]:	QTable::contentsMousePressEvent(QMouseEvent*)
vfunc[130]:	QTable::contentsMouseReleaseEvent(QMouseEvent*)
vfunc[131]:	QTable::contentsMouseDoubleClickEvent(QMouseEvent*)
vfunc[132]:	QTable::contentsMouseMoveEvent(QMouseEvent*)
vfunc[133]:	QTable::contentsDragEnterEvent(QDragEnterEvent*)
vfunc[134]:	QTable::contentsDragMoveEvent(QDragMoveEvent*)
vfunc[135]:	QTable::contentsDragLeaveEvent(QDragLeaveEvent*)
vfunc[136]:	QTable::contentsDropEvent(QDropEvent*)
vfunc[137]:	QScrollView::contentsWheelEvent(QWheelEvent*)
vfunc[138]:	QTable::contentsContextMenuEvent(QContextMenuEvent*)
vfunc[139]:	QScrollView::viewportPaintEvent(QPaintEvent*)
vfunc[140]:	QTable::viewportResizeEvent(QResizeEvent*)
vfunc[141]:	QScrollView::viewportMousePressEvent(QMouseEvent*)
vfunc[142]:	QScrollView::viewportMouseReleaseEvent(QMouseEvent*)
vfunc[143]:	QScrollView::viewportMouseDouble

	ClickEvent(QMouseEvent*)
vfunc[144]:	QScrollView::viewportMouseMoveEvent(QMouseEvent*)
vfunc[145]:	QScrollView::viewportDragEnterEvent(QDragEnterEvent*)
vfunc[146]:	QScrollView::viewportDragMoveEvent(QDragMoveEvent*)
vfunc[147]:	QScrollView::viewportDragLeaveEvent(QDragLeaveEvent*)
vfunc[148]:	QScrollView::viewportDropEvent(QDropEvent*)
vfunc[149]:	QScrollView::viewportWheelEvent(QWheelEvent*)
vfunc[150]:	QScrollView::viewportContextMenuEvent(QContextMenuEvent*)
vfunc[151]:	QScrollView::setMargins(int, int, int, int)
vfunc[152]:	QScrollView::setHBarGeometry(QScrollBar&, int, int, int, int)
vfunc[153]:	QScrollView::setVBarGeometry(QScrollBar&, int, int, int, int)
vfunc[154]:	QTable::setSelectionMode(QTable::SelectionMode)
vfunc[155]:	QTable::setItem(int, int, QTableItem*)
vfunc[156]:	QTable::setText(int, int, QString const&)
vfunc[157]:	QTable::setPixmap(int, int, QPixmap const&)
vfunc[158]:	QTable::item(int, int) const
vfunc[159]:	QTable::text(int, int) const
vfunc[160]:	QTable::pixmap(int, int) const
vfunc[161]:	QTable::clearCell(int, int)
vfunc[162]:	QTable::cellGeometry(int, int) const
vfunc[163]:	QTable::columnWidth(int) const
vfunc[164]:	QTable::rowHeight(int) const
vfunc[165]:	QTable::columnPos(int) const
vfunc[166]:	QTable::rowPos(int) const
vfunc[167]:	QTable::columnAt(int) const
vfunc[168]:	QTable::rowAt(int) const
vfunc[169]:	QTable::numRows() const
vfunc[170]:	QTable::numCols() const
vfunc[171]:	QTable::addSelection(QTableSelection const&)

 © 2008 Linux Foundation

vfunc[172]:	QTable::removeSelection(QTableSelection const&)
vfunc[173]:	QTable::removeSelection(int)
vfunc[174]:	QTable::currentSelection() const
vfunc[175]:	QTable::sortColumn(int, bool, bool)
vfunc[176]:	QTable::takeItem(QTableItem*)
vfunc[177]:	QTable::setCellWidget(int, int, QWidget*)
vfunc[178]:	QTable::cellWidget(int, int) const
vfunc[179]:	QTable::clearCellWidget(int, int)
vfunc[180]:	QTable::cellRect(int, int) const
vfunc[181]:	QTable::paintCell(QPainter*, int, int, QRect const&, bool)
vfunc[182]:	QTable::paintCell(QPainter*, int, int, QRect const&, bool, QColorGroup const&)
vfunc[183]:	QTable::paintFocus(QPainter*, QRect const&)
vfunc[184]:	QTable::setFocusStyle(QTable::FocusStyle)
vfunc[185]:	QTable::setNumRows(int)
vfunc[186]:	QTable::setNumCols(int)
vfunc[187]:	QTable::setShowGrid(bool)
vfunc[188]:	QTable::hideRow(int)
vfunc[189]:	QTable::hideColumn(int)
vfunc[190]:	QTable::showRow(int)
vfunc[191]:	QTable::showColumn(int)
vfunc[192]:	QTable::setColumnWidth(int, int)
vfunc[193]:	QTable::setRowHeight(int, int)
vfunc[194]:	QTable::adjustColumn(int)
vfunc[195]:	QTable::adjustRow(int)
vfunc[196]:	QTable::setColumnStretchable(int, bool)
vfunc[197]:	QTable::setRowStretchable(int, bool)
vfunc[198]:	QTable::setSorting(bool)
vfunc[199]:	QTable::swapRows(int, int, bool)
vfunc[200]:	QTable::swapColumns(int, int, bool)
vfunc[201]:	QTable::swapCells(int, int, int, int)
vfunc[202]:	QTable::setLeftMargin(int)
vfunc[203]:	QTable::setTopMargin(int)
vfunc[204]:	QTable::setCurrentCell(int, int)
vfunc[205]:	QTable::setColumnMovingEnabled(

	bool)
vfunc[206]:	QTable::setRowMovingEnabled(bool)
vfunc[207]:	QTable::setReadOnly(bool)
vfunc[208]:	QTable::setRowReadOnly(int, bool)
vfunc[209]:	QTable::setColumnReadOnly(int, bool)
vfunc[210]:	QTable::setDragEnabled(bool)
vfunc[211]:	QTable::insertRows(int, int)
vfunc[212]:	QTable::insertColumns(int, int)
vfunc[213]:	QTable::removeRow(int)
vfunc[214]:	QTable::removeRows(QMemArray< int> const&)
vfunc[215]:	QTable::removeColumn(int)
vfunc[216]:	QTable::removeColumns(QMemArr ay<int> const&)
vfunc[217]:	QTable::editCell(int, int, bool)
vfunc[218]:	QTable::dragObject()
vfunc[219]:	QTable::startDrag()
vfunc[220]:	QTable::paintEmptyArea(QPainter*, int, int, int, int)
vfunc[221]:	QTable::activateNextCell()
vfunc[222]:	QTable::createEditor(int, int, bool) const
vfunc[223]:	QTable::setCellContentFromEditor(i nt, int)
vfunc[224]:	QTable::beginEdit(int, int, bool)
vfunc[225]:	QTable::endEdit(int, int, bool, bool)
vfunc[226]:	QTable::resizeData(int)
vfunc[227]:	QTable::insertWidget(int, int, QWidget*)
vfunc[228]:	QTable::columnWidthChanged(int)
vfunc[229]:	QTable::rowHeightChanged(int)
vfunc[230]:	QTable::columnIndexChanged(int, int, int)
vfunc[231]:	QTable::rowIndexChanged(int, int, int)
vfunc[232]:	QTable::columnClicked(int)

The Run Time Type Information for the QTable class is described by Table 18-550

Table 18-550 typeinfo for QTable

Base Vtable	vtable for

 © 2008 Linux Foundation

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QTable
basetype:	typeinfo for QScrollView

18.2.27.7 Interfaces for Qt3 Tables

An LSB conforming implementation shall provide the generic functions for Qt3 Tables specified in Table 18-551, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-551 libqt-mt - Qt3 Tables Function Interfaces

_ZN10QDataTable10findBufferERK9QSqlIndexi [qt-mt]	_ZN10QDataTable10hideColumnEi [qt-mt]
_ZN10QDataTable10paintFieldEP8QPainterPK9QSqlFieldRK5QRectb [qt-mt]	_ZN10QDataTable10resizeDataEi [qt-mt]
_ZN10QDataTable10setNumColsEi [qt-mt]	_ZN10QDataTable10setNumRowsEi [qt-mt]
_ZN10QDataTable10showColumnEi [qt-mt]	_ZN10QDataTable10sortColumnEibb [qt-mt]
_ZN10QDataTable11beginInsertEv [qt-mt]	_ZN10QDataTable11beginUpdateEiib [qt-mt]
_ZN10QDataTable11confirmEditEN4QSql2OpE [qt-mt]	_ZN10QDataTable11eventFilterEP7QObjectP6QEvent [qt-mt]
_ZN10QDataTable11handleErrorERK9QSqlError [qt-mt]	_ZN10QDataTable11primeDeleteEP10QSqlRecord [qt-mt]
_ZN10QDataTable11primeInsertEP10QSqlRecord [qt-mt]	_ZN10QDataTable11primeUpdateEP10QSqlRecord [qt-mt]
_ZN10QDataTable11qt_propertyEiiP8QVariant [qt-mt]	_ZN10QDataTable11repaintCellEii [qt-mt]
_ZN10QDataTable11resizeEventEP12QResizeEvent [qt-mt]	_ZN10QDataTable11setAutoEditEb [qt-mt]
_ZN10QDataTable11setNullTextERK7QString [qt-mt]	_ZN10QDataTable11setTrueTextERK7QString [qt-mt]
_ZN10QDataTable11swapColumnsEiib [qt-mt]	_ZN10QDataTable12adjustColumnEi [qt-mt]
_ZN10QDataTable12beforeDeleteEP10QSqlRecord [qt-mt]	_ZN10QDataTable12beforeInsertEP10QSqlRecord [qt-mt]
_ZN10QDataTable12beforeUpdateEP10QSqlRecord [qt-mt]	_ZN10QDataTable12drawContentsEP8QPainteriiii [qt-mt]
_ZN10QDataTable12loadNextPageEv [qt-mt]	_ZN10QDataTable12removeColumnEj [qt-mt]
_ZN10QDataTable12setFalseTextERK7QString [qt-mt]	_ZN10QDataTable12setSqlCursorEP10QSqlCursorbb [qt-mt]
_ZN10QDataTable13columnClickedEi [qt-mt]	_ZN10QDataTable13confirmCancelEN4QSql2OpE [qt-mt]
_ZN10QDataTable13cursorChanged	_ZN10QDataTable13deleteCurrentE

EN4QSql2OpE [qt-mt]	v [qt-mt]
_ZN10QDataTable13fieldToStringEPK9QSqlField [qt-mt]	_ZN10QDataTable13insertCurrentEv [qt-mt]
_ZN10QDataTable13keyPressEventEP9QKeyEvent [qt-mt]	_ZN10QDataTable13setAutoDeleteEb [qt-mt]
_ZN10QDataTable13setDateFormatEN2Qt10DateFormatE [qt-mt]	_ZN10QDataTable13sliderPressedEv [qt-mt]
_ZN10QDataTable13sortAscendingEi [qt-mt]	_ZN10QDataTable13updateCurrentEv [qt-mt]
_ZN10QDataTable14currentChangedEP10QSqlRecord [qt-mt]	_ZN10QDataTable14fieldAlignmentEPK9QSqlField [qt-mt]
_ZN10QDataTable14setColumnWidthEii [qt-mt]	_ZN10QDataTable14sliderReleasedEv [qt-mt]
_ZN10QDataTable14sortDescendingEi [qt-mt]	_ZN10QDataTable15doInsertCurrentEv [qt-mt]
_ZN10QDataTable15doUpdateCurrentEv [qt-mt]	_ZN10QDataTable15setConfirmEditsEb [qt-mt]
_ZN10QDataTable16activateNextCellEv [qt-mt]	_ZN10QDataTable16setConfirmDeleteEb [qt-mt]
_ZN10QDataTable16setConfirmInsertEb [qt-mt]	_ZN10QDataTable16setConfirmUpdateEb [qt-mt]
_ZN10QDataTable16staticMetaObjectEv [qt-mt]	_ZN10QDataTable17setConfirmCancelsEb [qt-mt]
_ZN10QDataTable18installPropertyMapEP15QSqlPropertyMap [qt-mt]	_ZN10QDataTable18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN10QDataTable19setCurrentSelectionEii [qt-mt]	_ZN10QDataTable20installEditorFactoryEP17QSqlEditorFactory [qt-mt]
_ZN10QDataTable20setColumnStretchableEib [qt-mt]	_ZN10QDataTable22updateCurrentSelectionEv [qt-mt]
_ZN10QDataTable23contentsMousePressEventEP11QMouseEvent [qt-mt]	_ZN10QDataTable24contentsContextMenuEventEP17QContextMenuEvent [qt-mt]
ZN10QDataTable2trEPKcS1 [qt-mt]	_ZN10QDataTable4findERK7QStringbb [qt-mt]
_ZN10QDataTable4initEv [qt-mt]	_ZN10QDataTable5resetEv [qt-mt]
ZN10QDataTable6trUtf8EPKcS1 [qt-mt]	_ZN10QDataTable7endEditEiibb [qt-mt]
_ZN10QDataTable7qt_castEPKc [qt-mt]	_ZN10QDataTable7qt_emitEiP8QUObject [qt-mt]
_ZN10QDataTable7refreshENS_7RefreshE [qt-mt]	_ZN10QDataTable7refreshEv [qt-mt]
_ZN10QDataTable7setItemEiiP10QTableItem [qt-mt]	_ZN10QDataTable7setSizeEP10QSqlCursor [qt-mt]
_ZN10QDataTable7setSortERK11QStringList [qt-mt]	_ZN10QDataTable7setSortERK9QSqlIndex [qt-mt]

 © 2008 Linux Foundation

_ZN10QDataTable8takeItemEP10QTableItem [qt-mt]	_ZN10QDataTable9addColumnERK7QStringS2_iRK8QIconSet [qt-mt]
_ZN10QDataTable9beginEditEiib [qt-mt]	_ZN10QDataTable9clearCellEii [qt-mt]
_ZN10QDataTable9endInsertEv [qt-mt]	_ZN10QDataTable9endUpdateEv [qt-mt]
_ZN10QDataTable9paintCellEP8QPainteriiRK5QRectbRK11QColorGroup [qt-mt]	_ZN10QDataTable9qt_invokeEiP8QUObject [qt-mt]
_ZN10QDataTable9setColumnEjRK7QStringS2_iRK8QIconSet [qt-mt]	_ZN10QDataTable9setFilterERK7QString [qt-mt]
_ZN10QDataTable9setPixmapEiiRK7QPixmap [qt-mt]	_ZN10QDataTable9updateRowEi [qt-mt]
_ZN10QDataTableC1EP10QSqlCursorbP7QWidgetPKc [qt-mt]	_ZN10QDataTableC1EP7QWidgetPKc [qt-mt]
_ZN10QDataTableC2EP10QSqlCursorbP7QWidgetPKc [qt-mt]	_ZN10QDataTableC2EP7QWidgetPKc [qt-mt]
_ZN10QDataTableD0Ev [qt-mt]	_ZN10QDataTableD1Ev [qt-mt]
_ZN10QDataTableD2Ev [qt-mt]	_ZN10QTableItem10setEnabledEb [qt-mt]
_ZN10QTableItem11setWordWrapEb [qt-mt]	_ZN10QTableItem12updateEditorEii [qt-mt]
_ZN10QTableItem14setReplaceableEb [qt-mt]	_ZN10QTableItem20setContentFromEditorEP7QWidget [qt-mt]
_ZN10QTableItem5paintEP8QPainterRK11QColorGroupRK5QRectb [qt-mt]	_ZN10QTableItem6setColEi [qt-mt]
_ZN10QTableItem6setRowEi [qt-mt]	_ZN10QTableItem7setSpanEii [qt-mt]
_ZN10QTableItem7setTextERK7QString [qt-mt]	_ZN10QTableItem9setPixmapERK7QPixmap [qt-mt]
_ZN10QTableItemC1EP6QTableNS_8EditTypeE [qt-mt]	_ZN10QTableItemC1EP6QTableNS_8EditTypeERK7QString [qt-mt]
_ZN10QTableItemC1EP6QTableNS_8EditTypeERK7QStringRK7QPixmap [qt-mt]	_ZN10QTableItemC2EP6QTableNS_8EditTypeE [qt-mt]
_ZN10QTableItemC2EP6QTableNS_8EditTypeERK7QString [qt-mt]	_ZN10QTableItemC2EP6QTableNS_8EditTypeERK7QStringRK7QPixmap [qt-mt]
_ZN10QTableItemD0Ev [qt-mt]	_ZN10QTableItemD1Ev [qt-mt]
_ZN10QTableItemD2Ev [qt-mt]	_ZN12QTableHeader10paintEventEP11QPaintEvent [qt-mt]
_ZN12QTableHeader10saveStatesEv [qt-mt]	_ZN12QTableHeader10setCachingEb [qt-mt]
_ZN12QTableHeader11doSelectionEP11QMouseEvent [qt-mt]	_ZN12QTableHeader11qt_propertyEiiP8QVariant [qt-mt]

_ZN12QTableHeader11removeLabelEi [qt-mt]	_ZN12QTableHeader11resizeEventEP12QResizeEvent [qt-mt]
_ZN12QTableHeader11updateCacheEv [qt-mt]	_ZN12QTableHeader12doAutoScrollEv [qt-mt]
_ZN12QTableHeader12indexChangedEiii [qt-mt]	_ZN12QTableHeader12paintSectionEP8QPainteriRK5QRect [qt-mt]
_ZN12QTableHeader12resizeArraysEi [qt-mt]	_ZN12QTableHeader12swapSectionsEiib [qt-mt]
_ZN12QTableHeader14mouseMoveEventEP11QMouseEvent [qt-mt]	_ZN12QTableHeader15mousePressEventEP11QMouseEvent [qt-mt]
_ZN12QTableHeader15setSectionStateEiNS_12SectionStateE [qt-mt]	_ZN12QTableHeader15updateStretchesEv [qt-mt]
_ZN12QTableHeader16staticMetaObjectEv [qt-mt]	_ZN12QTableHeader16updateSelectionsEv [qt-mt]
_ZN12QTableHeader17mouseReleaseEventEP11QMouseEvent [qt-mt]	_ZN12QTableHeader18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN12QTableHeader18sectionSizeChangedEi [qt-mt]	_ZN12QTableHeader19sectionLabelChangedEi [qt-mt]
_ZN12QTableHeader19sectionWidthChangedEiii [qt-mt]	_ZN12QTableHeader20setSectionStateToAllENS_12SectionStateE [qt-mt]
_ZN12QTableHeader21mouseDoubleClickEventEP11QMouseEvent [qt-mt]	_ZN12QTableHeader21setSectionStretchableEib [qt-mt]
_ZN12QTableHeader21updateWidgetStretchesEv [qt-mt]	_ZN12QTableHeader2trEPKcS1_ [qt-mt]
ZN12QTableHeader6trUtf8EPKcS1 [qt-mt]	_ZN12QTableHeader7qt_castEPKc [qt-mt]
_ZN12QTableHeader7qt_emitEiP8QUObject [qt-mt]	_ZN12QTableHeader8addLabelERK7QStringi [qt-mt]
_ZN12QTableHeader8setLabelEiRK7QStringi [qt-mt]	_ZN12QTableHeader8setLabelEiRK8QIconSetRK7QStringi [qt-mt]
_ZN12QTableHeader9qt_invokeEiP8QUObject [qt-mt]	_ZN12QTableHeader9setLabelsERK11QStringList [qt-mt]
_ZN12QTableHeaderC1EiP6QTableP7QWidgetPKc [qt-mt]	_ZN12QTableHeaderC2EiP6QTableP7QWidgetPKc [qt-mt]
_ZN15QCheckTableItem10setCheckedEb [qt-mt]	_ZN15QCheckTableItem20setContentFromEditorEP7QWidget [qt-mt]
_ZN15QCheckTableItem5paintEP8QPainterRK11QColorGroupRK5QRectb [qt-mt]	_ZN15QCheckTableItem7setTextERK7QString [qt-mt]
_ZN15QCheckTableItemC1EP6QTableRK7QString [qt-mt]	_ZN15QCheckTableItemC2EP6QTableRK7QString [qt-mt]
_ZN15QComboTableItem11setEditableEb [qt-mt]	_ZN15QComboTableItem13setStringListERK11QStringList [qt-mt]
_ZN15QComboTableItem14setCurre	_ZN15QComboTableItem14setCurre

 © 2008 Linux Foundation

ntItemERK7QString [qt-mt]	ntItemEi [qt-mt]
_ZN15QComboTableItem20setContentFromEditorEP7QWidget [qt-mt]	_ZN15QComboTableItem5paintEP8QPainterRK11QColorGroupRK5QRectb [qt-mt]
_ZN15QComboTableItemC1EP6QTableRK11QStringListb [qt-mt]	_ZN15QComboTableItemC2EP6QTableRK11QStringListb [qt-mt]
_ZN15QComboTableItemD0Ev [qt-mt]	_ZN15QComboTableItemD1Ev [qt-mt]
_ZN15QComboTableItemD2Ev [qt-mt]	_ZN15QTableSelection4initEii [qt-mt]
_ZN15QTableSelection8expandToEii [qt-mt]	_ZN15QTableSelectionC1Eiiii [qt-mt]
_ZN15QTableSelectionC1Ev [qt-mt]	_ZN15QTableSelectionC2Eiiii [qt-mt]
_ZN15QTableSelectionC2Ev [qt-mt]	_ZN6QTable10dragObjectEv [qt-mt]
_ZN6QTable10hideColumnEi [qt-mt]	_ZN6QTable10insertRowsEii [qt-mt]
_ZN6QTable10paintEventEP11QPaintEvent [qt-mt]	_ZN6QTable10paintFocusEP8QPainterRK5QRect [qt-mt]
_ZN6QTable10removeRowsERK9QMemArrayIiE [qt-mt]	_ZN6QTable10resizeDataEi [qt-mt]
_ZN6QTable10setEnabledEb [qt-mt]	_ZN6QTable10setNumColsEi [qt-mt]
_ZN6QTable10setNumRowsEi [qt-mt]	_ZN6QTable10setSortingEb [qt-mt]
_ZN6QTable10showColumnEi [qt-mt]	_ZN6QTable10sortColumnEibb [qt-mt]
_ZN6QTable10updateCellEii [qt-mt]	_ZN6QTable11eventFilterEP7QObjectP6QEvent [qt-mt]
_ZN6QTable11qt_propertyEiiP8QVariant [qt-mt]	_ZN6QTable11repaintCellEii [qt-mt]
_ZN6QTable11selectCellsEiiii [qt-mt]	_ZN6QTable11setEditModeENS_8EditModeEii [qt-mt]
_ZN6QTable11setReadOnlyEb [qt-mt]	_ZN6QTable11setShowGridEb [qt-mt]
_ZN6QTable11swapColumnsEiib [qt-mt]	_ZN6QTable12addSelectionERK15QTableSelection [qt-mt]
_ZN6QTable12adjustColumnEi [qt-mt]	_ZN6QTable12doAutoScrollEv [qt-mt]
_ZN6QTable12drawContentsEP8QPainter [qt-mt]	_ZN6QTable12drawContentsEP8QPainteriiii [qt-mt]
_ZN6QTable12focusInEventEP11QFocusEvent [qt-mt]	_ZN6QTable12insertWidgetEiiP7QWidget [qt-mt]
_ZN6QTable12removeColumnEi [qt-mt]	_ZN6QTable12saveContentsER10QPtrVectorI10QTableItemERS0_INS_11TableWidgetEE [qt-mt]

_ZN6QTable12selectColumnEi [qt-mt]	_ZN6QTable12setRowHeightEii [qt-mt]
_ZN6QTable12setRowLabelsERK11QStringList [qt-mt]	_ZN6QTable12setTopMarginEi [qt-mt]
_ZN6QTable12valueChangedEii [qt-mt]	_ZN6QTable13columnClickedEi [qt-mt]
_ZN6QTable13doubleClickedEiiiRK6QPoint [qt-mt]	_ZN6QTable13focusOutEventEP11QFocusEvent [qt-mt]
_ZN6QTable13insertColumnsEii [qt-mt]	_ZN6QTable13keyPressEventEP9QKeyEvent [qt-mt]
_ZN6QTable13rangeGeometryEiiiiRb [qt-mt]	_ZN6QTable13removeColumnsERK9QMemArrayIiE [qt-mt]
_ZN6QTable13setCellWidgetEiiP7QWidget [qt-mt]	_ZN6QTable13setFocusStyleENS_10FocusStyleE [qt-mt]
_ZN6QTable13setLeftMarginEi [qt-mt]	_ZN6QTable14clearSelectionEb [qt-mt]
_ZN6QTable14currentChangedEii [qt-mt]	_ZN6QTable14doValueChangedEv [qt-mt]
_ZN6QTable14paintEmptyAreaEP8QPainteriiii [qt-mt]	_ZN6QTable14setColumnWidthEii [qt-mt]
_ZN6QTable14setCurrentCellEii [qt-mt]	_ZN6QTable14setCurrentCellEiibb [qt-mt]
_ZN6QTable14setDragEnabledEb [qt-mt]	_ZN6QTable14setRowReadOnlyEib [qt-mt]
_ZN6QTable15clearCellWidgetEii [qt-mt]	_ZN6QTable15removeSelectionERK15QTableSelection [qt-mt]
_ZN6QTable15removeSelectionEi [qt-mt]	_ZN6QTable15restoreContentsER10QPtrVectorI10QTableItemERS0_INS_11TableWidgetEE [qt-mt]
_ZN6QTable15rowIndexChangedEiii [qt-mt]	_ZN6QTable15setColumnLabelsERK11QStringList [qt-mt]
_ZN6QTable16activateNextCellEv [qt-mt]	_ZN6QTable16rowHeightChangedEi [qt-mt]
_ZN6QTable16selectionChangedEv [qt-mt]	_ZN6QTable16setSelectionModeENS_13SelectionModeE [qt-mt]
_ZN6QTable16staticMetaObjectEv [qt-mt]	_ZN6QTable16updateColWidgetsEi [qt-mt]
_ZN6QTable16updateGeometriesEv [qt-mt]	_ZN6QTable16updateRowWidgetsEi [qt-mt]
_ZN6QTable17contentsDropEventEP10QDropEvent [qt-mt]	_ZN6QTable17ensureCellVisibleEii [qt-mt]
_ZN6QTable17repaintSelectionsEP15QTableSelectionS1_bb [qt-mt]	_ZN6QTable17repaintSelectionsEv [qt-mt]
_ZN6QTable17setColumnReadOnlyEib [qt-mt]	_ZN6QTable17setRowStretchableEib [qt-mt]
_ZN6QTable18columnIndexChange	_ZN6QTable18columnWidthChange

 © 2008 Linux Foundation

dEiii [qt-mt]	dEi [qt-mt]
_ZN6QTable18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN6QTable18updateHeaderStatesEv [qt-mt]
_ZN6QTable19contentsToViewport2ERK6QPoint [qt-mt]	_ZN6QTable19contentsToViewport2EiiRiS0_ [qt-mt]
_ZN6QTable19finishContentsResizeEb [qt-mt]	_ZN6QTable19setRowMovingEnabledEb [qt-mt]
_ZN6QTable19viewportResizeEventEP12QResizeEvent [qt-mt]	_ZN6QTable19viewportToContents2ERK6QPoint [qt-mt]
ZN6QTable19viewportToContents2EiiRiS0 [qt-mt]	_ZN6QTable20contextMenuRequestedEiiRK6QPoint [qt-mt]
_ZN6QTable20setColumnStretchableEib [qt-mt]	_ZN6QTable20updateGeometriesSlotEv [qt-mt]
_ZN6QTable21contentsDragMoveEventEP14QDragMoveEvent [qt-mt]	_ZN6QTable22contentsDragEnterEventEP15QDragEnterEvent [qt-mt]
_ZN6QTable22contentsDragLeaveEventEP15QDragLeaveEvent [qt-mt]	_ZN6QTable22contentsMouseMoveEventEP11QMouseEvent [qt-mt]
_ZN6QTable22setColumnMovingEnabledEb [qt-mt]	_ZN6QTable22windowActivationChangeEb [qt-mt]
_ZN6QTable23contentsMousePressEventEP11QMouseEvent [qt-mt]	_ZN6QTable23delayedUpdateGeometriesEv [qt-mt]
_ZN6QTable24contentsContextMenuEventEP17QContextMenuEvent [qt-mt]	_ZN6QTable24setCellContentFromEditorEii [qt-mt]
_ZN6QTable25contentsMousePressEventExEP11QMouseEvent [qt-mt]	_ZN6QTable25contentsMouseReleaseEventEP11QMouseEvent [qt-mt]
_ZN6QTable29contentsMouseDoubleClickEventEP11QMouseEvent [qt-mt]	_ZN6QTable29updateHeaderAndResizeContentsEP12QTableHeaderiiiRb [qt-mt]
ZN6QTable2trEPKcS1 [qt-mt]	_ZN6QTable4initEii [qt-mt]
_ZN6QTable6fixColERii [qt-mt]	_ZN6QTable6fixRowERii [qt-mt]
ZN6QTable6trUtf8EPKcS1 [qt-mt]	_ZN6QTable7clickedEiiiRK6QPoint [qt-mt]
_ZN6QTable7droppedEP10QDropEvent [qt-mt]	_ZN6QTable7endEditEiibb [qt-mt]
_ZN6QTable7fixCellERiS0_i [qt-mt]	_ZN6QTable7hideRowEi [qt-mt]
_ZN6QTable7pressedEiiiRK6QPoint [qt-mt]	_ZN6QTable7qt_castEPKc [qt-mt]
_ZN6QTable7qt_emitEiP8QUObject [qt-mt]	_ZN6QTable7setItemEiiP10QTableItem [qt-mt]
_ZN6QTable7setTextEiiRK7QString [qt-mt]	_ZN6QTable7showRowEi [qt-mt]
_ZN6QTable8editCellEiib [qt-mt]	_ZN6QTable8swapRowsEiib [qt-mt]
_ZN6QTable8takeItemEP10QTableItem [qt-mt]	_ZN6QTable9adjustRowEi [qt-mt]

_ZN6QTable9beginEditEiib [qt-mt]	_ZN6QTable9clearCellEii [qt-mt]
_ZN6QTable9paintCellEP8QPainteriiRK5QRectb [qt-mt]	_ZN6QTable9paintCellEP8QPainteriiRK5QRectbRK11QColorGroup [qt-mt]
_ZN6QTable9qt_invokeEiP8QUObject [qt-mt]	_ZN6QTable9removeRowEi [qt-mt]
_ZN6QTable9selectRowEi [qt-mt]	_ZN6QTable9setPixmapEiiRK7QPixmap [qt-mt]
_ZN6QTable9showEventEP10QShowEvent [qt-mt]	_ZN6QTable9startDragEv [qt-mt]
_ZN6QTable9swapCellsEiiii [qt-mt]	_ZN6QTableC1EP7QWidgetPKc [qt-mt]
_ZN6QTableC1EiiP7QWidgetPKc [qt-mt]	_ZN6QTableC2EP7QWidgetPKc [qt-mt]
_ZN6QTableC2EiiP7QWidgetPKc [qt-mt]	_ZN6QTableD0Ev [qt-mt]
_ZN6QTableD1Ev [qt-mt]	_ZN6QTableD2Ev [qt-mt]
_ZN7QHeader10fontChangeERK5QFont [qt-mt]	_ZN7QHeader10paintEventEP11QPaintEvent [qt-mt]
_ZN7QHeader10sizeChangeEiii [qt-mt]	_ZN7QHeader10unMarkLineEi [qt-mt]
_ZN7QHeader11indexChangeEiii [qt-mt]	_ZN7QHeader11moveSectionEii [qt-mt]
_ZN7QHeader11qt_propertyEiiP8QVariant [qt-mt]	_ZN7QHeader11removeLabelEi [qt-mt]
_ZN7QHeader11resizeEventEP12QResizeEvent [qt-mt]	_ZN7QHeader11setCellSizeEii [qt-mt]
_ZN7QHeader12paintSectionEP8QPainteriRK5QRect [qt-mt]	_ZN7QHeader12resizeArraysEi [qt-mt]
_ZN7QHeader13keyPressEventEP9QKeyEvent [qt-mt]	_ZN7QHeader13resizeSectionEii [qt-mt]
_ZN7QHeader14mouseMoveEventEP11QMouseEvent [qt-mt]	_ZN7QHeader14sectionClickedEi [qt-mt]
_ZN7QHeader14setOrientationEN2Qt11OrientationE [qt-mt]	_ZN7QHeader15keyReleaseEventEP9QKeyEvent [qt-mt]
_ZN7QHeader15mousePressEventEP11QMouseEvent [qt-mt]	_ZN7QHeader15setClickEnabledEbi [qt-mt]
_ZN7QHeader16adjustHeaderSizeEi [qt-mt]	_ZN7QHeader16handleColumnMoveEii [qt-mt]
_ZN7QHeader16setMovingEnabledEb [qt-mt]	_ZN7QHeader16setResizeEnabledEbi [qt-mt]
_ZN7QHeader16setSortIndicatorEib [qt-mt]	_ZN7QHeader16staticMetaObjectEv [qt-mt]
_ZN7QHeader17mouseReleaseEventEP11QMouseEvent [qt-mt]	_ZN7QHeader17paintSectionLabelEP8QPainteriRK5QRect [qt-mt]

 © 2008 Linux Foundation

_ZN7QHeader17setIsATableHeaderEb [qt-mt]	_ZN7QHeader17setStretchEnabledEbi [qt-mt]
_ZN7QHeader17setUpdatesEnabledEb [qt-mt]	_ZN7QHeader18calculatePositionsEbi [qt-mt]
_ZN7QHeader18handleColumnResizeEiibb [qt-mt]	_ZN7QHeader18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
_ZN7QHeader21mouseDoubleClickEventEP11QMouseEvent [qt-mt]	_ZN7QHeader23setSectionSizeAndHeightEii [qt-mt]
_ZN7QHeader26sectionHandleDoubleClickedEi [qt-mt]	_ZN7QHeader2trEPKcS1_ [qt-mt]
_ZN7QHeader4initEi [qt-mt]	_ZN7QHeader5movedEii [qt-mt]
_ZN7QHeader5sRectEi [qt-mt]	_ZN7QHeader6trUtf8EPKcS1_ [qt-mt]
_ZN7QHeader7clickedEi [qt-mt]	_ZN7QHeader7pressedEi [qt-mt]
_ZN7QHeader7qt_castEPKc [qt-mt]	_ZN7QHeader7qt_emitEiP8QUObject [qt-mt]
_ZN7QHeader8addLabelERK7QStringi [qt-mt]	_ZN7QHeader8addLabelERK8QIconSetRK7QStringi [qt-mt]
_ZN7QHeader8findLineEi [qt-mt]	_ZN7QHeader8handleAtEi [qt-mt]
_ZN7QHeader8markLineEi [qt-mt]	_ZN7QHeader8moveCellEii [qt-mt]
_ZN7QHeader8releasedEi [qt-mt]	_ZN7QHeader8setLabelEiRK7QStringi [qt-mt]
_ZN7QHeader8setLabelEiRK8QIconSetRK7QStringi [qt-mt]	_ZN7QHeader9paintRectEii [qt-mt]
_ZN7QHeader9qt_invokeEiP8QUObject [qt-mt]	_ZN7QHeader9setOffsetEi [qt-mt]
_ZN7QHeader9showEventEP10QShowEvent [qt-mt]	_ZN7QHeaderC1EP7QWidgetPKc [qt-mt]
_ZN7QHeaderC1EiP7QWidgetPKc [qt-mt]	_ZN7QHeaderC2EP7QWidgetPKc [qt-mt]
_ZN7QHeaderC2EiP7QWidgetPKc [qt-mt]	_ZN7QHeaderD0Ev [qt-mt]
_ZN7QHeaderD1Ev [qt-mt]	_ZN7QHeaderD2Ev [qt-mt]
_ZNK10QDataTable10autoDeleteEv [qt-mt]	_ZNK10QDataTable10dateFormatEv [qt-mt]
_ZNK10QDataTable12confirmEditsEv [qt-mt]	_ZNK10QDataTable12createEditorEib [qt-mt]
_ZNK10QDataTable13confirmDeleteEv [qt-mt]	_ZNK10QDataTable13confirmInsertEv [qt-mt]
_ZNK10QDataTable13confirmUpdateEv [qt-mt]	_ZNK10QDataTable13currentRecordEv [qt-mt]
_ZNK10QDataTable14confirmCancelsEv [qt-mt]	_ZNK10QDataTable4itemEii [qt-mt]
_ZNK10QDataTable4sortEv [qt-mt]	_ZNK10QDataTable4textEii [qt-mt]
_ZNK10QDataTable5valueEii [qt-	_ZNK10QDataTable6filterEv [qt-mt]

mt]	
_ZNK10QDataTable7indexOfEj [qt-mt]	_ZNK10QDataTable7numColsEv [qt-mt]
_ZNK10QDataTable7numRowsEv [qt-mt]	_ZNK10QDataTable8autoEditEv [qt-mt]
_ZNK10QDataTable8nullTextEv [qt-mt]	_ZNK10QDataTable8trueTextEv [qt-mt]
_ZNK10QDataTable9classNameEv [qt-mt]	_ZNK10QDataTable9falseTextEv [qt-mt]
_ZNK10QDataTable9sqlCursorEv [qt-mt]	_ZNK10QTableItem12createEditorEv [qt-mt]
_ZNK10QTableItem13isReplaceableEv [qt-mt]	_ZNK10QTableItem3colEv [qt-mt]
_ZNK10QTableItem3keyEv [qt-mt]	_ZNK10QTableItem3rowEv [qt-mt]
_ZNK10QTableItem4rttiEv [qt-mt]	_ZNK10QTableItem4textEv [qt-mt]
_ZNK10QTableItem6pixmapEv [qt-mt]	_ZNK10QTableItem7colSpanEv [qt-mt]
_ZNK10QTableItem7rowSpanEv [qt-mt]	_ZNK10QTableItem8editTypeEv [qt-mt]
_ZNK10QTableItem8sizeHintEv [qt-mt]	_ZNK10QTableItem8wordWrapEv [qt-mt]
_ZNK10QTableItem9alignmentEv [qt-mt]	_ZNK10QTableItem9isEnabledEv [qt-mt]
_ZNK12QTableHeader10sectionPosEi [qt-mt]	_ZNK12QTableHeader11sectionSizeEi [qt-mt]
_ZNK12QTableHeader12sectionStateEi [qt-mt]	_ZNK12QTableHeader20isSectionStretchableEi [qt-mt]
_ZNK12QTableHeader9classNameEv [qt-mt]	_ZNK12QTableHeader9sectionAtEi [qt-mt]
_ZNK15QCheckTableItem12createEditorEv [qt-mt]	_ZNK15QCheckTableItem4rttiEv [qt-mt]
_ZNK15QCheckTableItem8sizeHintEv [qt-mt]	_ZNK15QCheckTableItem9isCheckedEv [qt-mt]
_ZNK15QComboTableItem10isEditableEv [qt-mt]	_ZNK15QComboTableItem11currentItemEv [qt-mt]
_ZNK15QComboTableItem11currentTextEv [qt-mt]	_ZNK15QComboTableItem12createEditorEv [qt-mt]
_ZNK15QComboTableItem4rttiEv [qt-mt]	_ZNK15QComboTableItem4textEi [qt-mt]
_ZNK15QComboTableItem5countEv [qt-mt]	_ZNK15QComboTableItem8sizeHintEv [qt-mt]
_ZNK15QTableSelection7numColsEv [qt-mt]	_ZNK15QTableSelection7numRowsEv [qt-mt]
ZNK15QTableSelectioneqERKS [qt-mt]	_ZNK6QTable10cellWidgetEii [qt-mt]

 © 2008 Linux Foundation

_ZNK6QTable10focusStyleEv [qt-mt]	_ZNK6QTable10isReadOnlyEv [qt-mt]
_ZNK6QTable10isSelectedEii [qt-mt]	_ZNK6QTable10isSelectedEiib [qt-mt]
_ZNK6QTable11columnWidthEi [qt-mt]	_ZNK6QTable11currEditColEv [qt-mt]
_ZNK6QTable11currEditRowEv [qt-mt]	_ZNK6QTable11dragEnabledEv [qt-mt]
_ZNK6QTable11isRowHiddenEi [qt-mt]	_ZNK6QTable12cellGeometryEii [qt-mt]
_ZNK6QTable12createEditorEiib [qt-mt]	_ZNK6QTable13isRowReadOnlyEi [qt-mt]
_ZNK6QTable13isRowSelectedEib [qt-mt]	_ZNK6QTable13numSelectionsEv [qt-mt]
_ZNK6QTable13selectionModeEv [qt-mt]	_ZNK6QTable14isColumnHiddenEi [qt-mt]
_ZNK6QTable14verticalHeaderEv [qt-mt]	_ZNK6QTable16currentSelectionEv [qt-mt]
_ZNK6QTable16horizontalHeaderEv [qt-mt]	_ZNK6QTable16isColumnReadOnlyEi [qt-mt]
_ZNK6QTable16isColumnSelectedEib [qt-mt]	_ZNK6QTable16isRowStretchableEi [qt-mt]
_ZNK6QTable16rowMovingEnabledEv [qt-mt]	_ZNK6QTable19columnMovingEnabledEv [qt-mt]
_ZNK6QTable19isColumnStretchableEi [qt-mt]	_ZNK6QTable4itemEii [qt-mt]
_ZNK6QTable4textEii [qt-mt]	_ZNK6QTable5rowAtEi [qt-mt]
_ZNK6QTable6pixmapEii [qt-mt]	_ZNK6QTable6rowPosEi [qt-mt]
_ZNK6QTable7indexOfEii [qt-mt]	_ZNK6QTable7numColsEv [qt-mt]
_ZNK6QTable7numRowsEv [qt-mt]	_ZNK6QTable7sortingEv [qt-mt]
_ZNK6QTable8cellRectEii [qt-mt]	_ZNK6QTable8columnAtEi [qt-mt]
_ZNK6QTable8editModeEv [qt-mt]	_ZNK6QTable8showGridEv [qt-mt]
_ZNK6QTable8sizeHintEv [qt-mt]	_ZNK6QTable9classNameEv [qt-mt]
_ZNK6QTable9columnPosEi [qt-mt]	_ZNK6QTable9isEditingEv [qt-mt]
_ZNK6QTable9rowHeightEi [qt-mt]	_ZNK6QTable9selectionEi [qt-mt]
_ZNK6QTable9tableSizeEv [qt-mt]	_ZNK7QHeader10mapToIndexEi [qt-mt]
_ZNK7QHeader10sectionPosEi [qt-mt]	_ZNK7QHeader11headerWidthEv [qt-mt]
_ZNK7QHeader11mapToActualEi [qt-mt]	_ZNK7QHeader11sectionRectEi [qt-mt]
_ZNK7QHeader11sectionSizeEi [qt-mt]	_ZNK7QHeader12mapToLogicalEi [qt-mt]
_ZNK7QHeader12mapToSectionEi	_ZNK7QHeader14isClickEnabledEi

[qt-mt]	[qt-mt]
_ZNK7QHeader15isMovingEnabled Ev [qt-mt]	_ZNK7QHeader15isResizeEnabledEi [qt-mt]
_ZNK7QHeader15sectionSizeHintEi RK12QFontMetrics [qt-mt]	_ZNK7QHeader16isStretchEnabledE i [qt-mt]
_ZNK7QHeader16isStretchEnabledE v [qt-mt]	_ZNK7QHeader18sortIndicatorOrde rEv [qt-mt]
_ZNK7QHeader20sortIndicatorSecti onEv [qt-mt]	_ZNK7QHeader4pPosEi [qt-mt]
_ZNK7QHeader5countEv [qt-mt]	_ZNK7QHeader5labelEi [qt-mt]
_ZNK7QHeader5pSizeEi [qt-mt]	_ZNK7QHeader6offsetEv [qt-mt]
_ZNK7QHeader7cellPosEi [qt-mt]	_ZNK7QHeader7iconSetEi [qt-mt]
_ZNK7QHeader7reverseEv [qt-mt]	_ZNK7QHeader8sizeHintEv [qt-mt]
_ZNK7QHeader9classNameEv [qt-mt]	_ZNK7QHeader9sectionAtEi [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Tables specified in Table 18-552, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-552 libqt-mt - Qt3 Tables Data Interfaces

_ZN10QDataTable7metaObjE [qt-mt]	_ZN10QTableItem4RTTIE [qt-mt]
_ZN12QTableHeader7metaObjE [qt-mt]	_ZN15QCheckTableItem4RTTIE [qt-mt]
_ZN15QComboTableItem15fakeCo mboWidgetE [qt-mt]	_ZN15QComboTableItem4RTTIE [qt-mt]
_ZN15QComboTableItem7fakeRefE [qt-mt]	_ZN15QComboTableItem9fakeCom boE [qt-mt]
_ZN6QTable7metaObjE [qt-mt]	_ZN7QHeader7metaObjE [qt-mt]
_ZTI10QDataTable [CXXABI]	_ZTI10QTableItem [CXXABI]
_ZTI12QTableHeader [CXXABI]	_ZTI15QCheckTableItem [CXXABI]
_ZTI15QComboTableItem [CXXABI]	_ZTI6QTable [CXXABI]
_ZTI7QHeader [CXXABI]	_ZTV10QDataTable [CXXABI]
_ZTV10QTableItem [CXXABI]	_ZTV12QTableHeader [CXXABI]
_ZTV15QCheckTableItem [CXXABI]	_ZTV15QComboTableItem [CXXABI]
_ZTV6QTable [CXXABI]	_ZTV7QHeader [CXXABI]

18.2.28 Qt3 Plugins

18.2.28.1 Class data for QGPlugin

The virtual table for the QGPlugin class is described by Table 18-553

 © 2008 Linux Foundation

Table 18-553 Primary vtable for QGPlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGPlugin
vfunc[0]:	NULL or QGPlugin::metaObject() const
vfunc[1]:	QGPlugin::className() const
vfunc[2]:	QGPlugin::qt_cast(char const*)
vfunc[3]:	QGPlugin::qt_invoke(int, QUObject*)
vfunc[4]:	QGPlugin::qt_emit(int, QUObject*)
vfunc[5]:	QGPlugin::qt_property(int, int, QVariant*)
vfunc[6]:	QGPlugin::~QGPlugin()
vfunc[7]:	QGPlugin::~QGPlugin()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QGPlugin class is described by Table 18-554

Table 18-554 typeinfo for QGPlugin

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGPlugin

basetype:	typeinfo for QObject

18.2.28.2 Class data for QStylePlugin

The virtual table for the QStylePlugin class is described by Table 18-555

Table 18-555 Primary vtable for QStylePlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QStylePlugin
vfunc[0]:	NULL or QStylePlugin::metaObject() const
vfunc[1]:	QStylePlugin::className() const
vfunc[2]:	QStylePlugin::qt_cast(char const*)
vfunc[3]:	QStylePlugin::qt_invoke(int, QUObject*)
vfunc[4]:	QStylePlugin::qt_emit(int, QUObject*)
vfunc[5]:	QStylePlugin::qt_property(int, int, QVariant*)
vfunc[6]:	QStylePlugin::~QStylePlugin()
vfunc[7]:	QStylePlugin::~QStylePlugin()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	__cxa_pure_virtual
vfunc[22]:	__cxa_pure_virtual

The Run Time Type Information for the QStylePlugin class is described by Table 18-556

 © 2008 Linux Foundation

Table 18-556 typeinfo for QStylePlugin

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStylePlugin
basetype:	typeinfo for QGPlugin

18.2.28.3 Class data for QTextCodecPlugin

The virtual table for the QTextCodecPlugin class is described by Table 18-557

Table 18-557 Primary vtable for QTextCodecPlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTextCodecPlugin
vfunc[0]:	NULL or QTextCodecPlugin::metaObject() const
vfunc[1]:	QTextCodecPlugin::className() const
vfunc[2]:	QTextCodecPlugin::qt_cast(char const*)
vfunc[3]:	QTextCodecPlugin::qt_invoke(int, QUObject*)
vfunc[4]:	QTextCodecPlugin::qt_emit(int, QUObject*)
vfunc[5]:	QTextCodecPlugin::qt_property(int, int, QVariant*)
vfunc[6]:	QTextCodecPlugin::~QTextCodecPlugin()
vfunc[7]:	QTextCodecPlugin::~QTextCodecPlugin()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)

vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	__cxa_pure_virtual
vfunc[22]:	__cxa_pure_virtual
vfunc[23]:	__cxa_pure_virtual
vfunc[24]:	__cxa_pure_virtual

The Run Time Type Information for the QTextCodecPlugin class is described by Table 18-558

Table 18-558 typeinfo for QTextCodecPlugin

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextCodecPlugin
basetype:	typeinfo for QGPlugin

18.2.28.4 Class data for QWidgetPlugin

The virtual table for the QWidgetPlugin class is described by Table 18-559

Table 18-559 Primary vtable for QWidgetPlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QWidgetPlugin
vfunc[0]:	NULL or QWidgetPlugin::metaObject() const
vfunc[1]:	QWidgetPlugin::className() const
vfunc[2]:	QWidgetPlugin::qt_cast(char const*)
vfunc[3]:	QWidgetPlugin::qt_invoke(int, QUObject*)
vfunc[4]:	QWidgetPlugin::qt_emit(int, QUObject*)
vfunc[5]:	QWidgetPlugin::qt_property(int, int, QVariant*)
vfunc[6]:	QWidgetPlugin::~QWidgetPlugin()
vfunc[7]:	QWidgetPlugin::~QWidgetPlugin()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*,

 © 2008 Linux Foundation

	QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	__cxa_pure_virtual
vfunc[22]:	__cxa_pure_virtual
vfunc[23]:	QWidgetPlugin::group(QString const&) const
vfunc[24]:	QWidgetPlugin::iconSet(QString const&) const
vfunc[25]:	QWidgetPlugin::includeFile(QString const&) const
vfunc[26]:	QWidgetPlugin::toolTip(QString const&) const
vfunc[27]:	QWidgetPlugin::whatsThis(QString const&) const
vfunc[28]:	QWidgetPlugin::isContainer(QString const&) const

The Run Time Type Information for the QWidgetPlugin class is described by Table 18-560

Table 18-560 typeinfo for QWidgetPlugin

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWidgetPlugin
basetype:	typeinfo for QGPlugin

18.2.28.5 Class data for QLibrary

The virtual table for the QLibrary class is described by Table 18-561

Table 18-561 Primary vtable for QLibrary

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QLibrary
vfunc[0]:	QLibrary::~QLibrary()
vfunc[1]:	QLibrary::~QLibrary()
vfunc[2]:	QLibrary::unload()

The Run Time Type Information for the QLibrary class is described by Table 18-562

Table 18-562 typeinfo for QLibrary

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QLibrary

18.2.28.6 Class data for QImageFormatPlugin

The virtual table for the QImageFormatPlugin class is described by Table 18-563

Table 18-563 Primary vtable for QImageFormatPlugin

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QImageFormatPlugin
vfunc[0]:	NULL or QImageFormatPlugin::metaObject() const
vfunc[1]:	QImageFormatPlugin::className() const
vfunc[2]:	QImageFormatPlugin::qt_cast(char const*)
vfunc[3]:	QImageFormatPlugin::qt_invoke(int, QUObject*)
vfunc[4]:	QImageFormatPlugin::qt_emit(int, QUObject*)
vfunc[5]:	QImageFormatPlugin::qt_property(int, int, QVariant*)
vfunc[6]:	QImageFormatPlugin::~QImageFormatPlugin()
vfunc[7]:	QImageFormatPlugin::~QImageFormatPlugin()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)

 © 2008 Linux Foundation

vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	__cxa_pure_virtual
vfunc[22]:	QImageFormatPlugin::loadImage(QString const&, QString const&, QImage*)
vfunc[23]:	QImageFormatPlugin::saveImage(QString const&, QString const&, QImage const&)
vfunc[24]:	__cxa_pure_virtual

The Run Time Type Information for the QImageFormatPlugin class is described by Table 18-564

Table 18-564 typeinfo for QImageFormatPlugin

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QImageFormatPlugin
basetype:	typeinfo for QGPlugin

18.2.28.7 Interfaces for Qt3 Plugins

An LSB conforming implementation shall provide the generic functions for Qt3 Plugins specified in Table 18-565, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-565 libqt-mt - Qt3 Plugins Function Interfaces

_ZN12QStylePlugin11qt_propertyEiiP8QVariant [qt-mt]	_ZN12QStylePlugin16staticMetaObjectEv [qt-mt]
_ZN12QStylePlugin18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN12QStylePlugin2trEPKcS1_ [qt-mt]
ZN12QStylePlugin6trUtf8EPKcS1 [qt-mt]	_ZN12QStylePlugin7qt_castEPKc [qt-mt]
_ZN12QStylePlugin7qt_emitEiP8QUObject [qt-mt]	_ZN12QStylePlugin9qt_invokeEiP8QUObject [qt-mt]
_ZN12QStylePluginC1Ev [qt-mt]	_ZN12QStylePluginC2Ev [qt-mt]
_ZN12QStylePluginD0Ev [qt-mt]	_ZN12QStylePluginD1Ev [qt-mt]
_ZN12QStylePluginD2Ev [qt-mt]	_ZN13QWidgetPlugin11qt_propertyEiiP8QVariant [qt-mt]
_ZN13QWidgetPlugin16staticMetaObjectEv [qt-mt]	_ZN13QWidgetPlugin18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN13QWidgetPlugin2trEPKcS1 [qt-mt]	_ZN13QWidgetPlugin6trUtf8EPKcS1_ [qt-mt]

_ZN13QWidgetPlugin7qt_castEPKc [qt-mt]	_ZN13QWidgetPlugin7qt_emitEiP8QUObject [qt-mt]
_ZN13QWidgetPlugin9qt_invokeEiP8QUObject [qt-mt]	_ZN13QWidgetPluginC1Ev [qt-mt]
_ZN13QWidgetPluginC2Ev [qt-mt]	_ZN13QWidgetPluginD0Ev [qt-mt]
_ZN13QWidgetPluginD1Ev [qt-mt]	_ZN13QWidgetPluginD2Ev [qt-mt]
_ZN15QGPluginManager10addLibraryEP8QLibrary [qt-mt]	_ZN15QGPluginManager14addLibraryPathERK7QString [qt-mt]
_ZN15QGPluginManagerC1ERK5QUuidRK11QStringListRK7QStringb [qt-mt]	_ZN15QGPluginManagerC2ERK5QUuidRK11QStringListRK7QStringb [qt-mt]
_ZN15QGPluginManagerD1Ev [qt-mt]	_ZN15QGPluginManagerD2Ev [qt-mt]
_ZN16QTextCodecPlugin11qt_propertyEiiP8QVariant [qt-mt]	_ZN16QTextCodecPlugin16staticMetaObjectEv [qt-mt]
_ZN16QTextCodecPlugin18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN16QTextCodecPlugin2trEPKcS1_ [qt-mt]
ZN16QTextCodecPlugin6trUtf8EPKcS1 [qt-mt]	_ZN16QTextCodecPlugin7qt_castEPKc [qt-mt]
_ZN16QTextCodecPlugin7qt_emitEiP8QUObject [qt-mt]	_ZN16QTextCodecPlugin9qt_invokeEiP8QUObject [qt-mt]
_ZN16QTextCodecPluginC1Ev [qt-mt]	_ZN16QTextCodecPluginC2Ev [qt-mt]
_ZN16QTextCodecPluginD0Ev [qt-mt]	_ZN16QTextCodecPluginD1Ev [qt-mt]
_ZN16QTextCodecPluginD2Ev [qt-mt]	_ZN18QImageFormatPlugin11qt_propertyEiiP8QVariant [qt-mt]
_ZN18QImageFormatPlugin16staticMetaObjectEv [qt-mt]	_ZN18QImageFormatPlugin18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN18QImageFormatPlugin2trEPKcS1 [qt-mt]	_ZN18QImageFormatPlugin6trUtf8EPKcS1_ [qt-mt]
_ZN18QImageFormatPlugin7qt_castEPKc [qt-mt]	_ZN18QImageFormatPlugin7qt_emitEiP8QUObject [qt-mt]
_ZN18QImageFormatPlugin9loadImageERK7QStringS2_P6QImage [qt-mt]	_ZN18QImageFormatPlugin9qt_invokeEiP8QUObject [qt-mt]
_ZN18QImageFormatPlugin9saveImageERK7QStringS2_RK6QImage [qt-mt]	_ZN18QImageFormatPluginC1Ev [qt-mt]
_ZN18QImageFormatPluginC2Ev [qt-mt]	_ZN18QImageFormatPluginD0Ev [qt-mt]
_ZN18QImageFormatPluginD1Ev [qt-mt]	_ZN18QImageFormatPluginD2Ev [qt-mt]
_ZN8QGPlugin11qt_propertyEiiP8Q	_ZN8QGPlugin16staticMetaObjectE

 © 2008 Linux Foundation

Variant [qt-mt]	v [qt-mt]
_ZN8QGPlugin18qt_static_property EP7QObjectiiP8QVariant [qt-mt]	_ZN8QGPlugin2trEPKcS1_ [qt-mt]
_ZN8QGPlugin5ifaceEv [qt-mt]	_ZN8QGPlugin6trUtf8EPKcS1_ [qt-mt]
_ZN8QGPlugin7qt_castEPKc [qt-mt]	_ZN8QGPlugin7qt_emitEiP8QUObject [qt-mt]
_ZN8QGPlugin8setIfaceEP17QUnknownInterface [qt-mt]	_ZN8QGPlugin9qt_invokeEiP8QUObject [qt-mt]
_ZN8QGPluginC1EP17QUnknownInterface [qt-mt]	_ZN8QGPluginC1Ev [qt-mt]
_ZN8QGPluginC2EP17QUnknownInterface [qt-mt]	_ZN8QGPluginC2Ev [qt-mt]
_ZN8QGPluginD0Ev [qt-mt]	_ZN8QGPluginD1Ev [qt-mt]
_ZN8QGPluginD2Ev [qt-mt]	_ZN8QLibrary13setAutoUnloadEb [qt-mt]
_ZN8QLibrary4loadEv [qt-mt]	_ZN8QLibrary6unloadEv [qt-mt]
_ZN8QLibrary7resolveEPKc [qt-mt]	_ZN8QLibrary7resolveERK7QStringPKc [qt-mt]
_ZN8QLibraryC1ERK7QString [qt-mt]	_ZN8QLibraryC2ERK7QString [qt-mt]
_ZN8QLibraryD0Ev [qt-mt]	_ZN8QLibraryD1Ev [qt-mt]
_ZN8QLibraryD2Ev [qt-mt]	_ZNK12QStylePlugin9classNameEv [qt-mt]
_ZNK13QWidgetPlugin11includeFileERK7QString [qt-mt]	_ZNK13QWidgetPlugin11isContainerERK7QString [qt-mt]
_ZNK13QWidgetPlugin5groupERK7QString [qt-mt]	_ZNK13QWidgetPlugin7iconSetERK7QString [qt-mt]
_ZNK13QWidgetPlugin7toolTipERK7QString [qt-mt]	_ZNK13QWidgetPlugin9classNameEv [qt-mt]
_ZNK13QWidgetPlugin9whatsThisERK7QString [qt-mt]	_ZNK15QGPluginManager11featureListEv [qt-mt]
_ZNK15QGPluginManager21queryUnknownInterfaceERK7QStringPP17QUnknownInterface [qt-mt]	_ZNK15QGPluginManager7enabledEv [qt-mt]
_ZNK15QGPluginManager7libraryERK7QString [qt-mt]	_ZNK16QTextCodecPlugin9classNameEv [qt-mt]
_ZNK18QImageFormatPlugin9classNameEv [qt-mt]	_ZNK8QGPlugin9classNameEv [qt-mt]
_ZNK8QLibrary10autoUnloadEv [qt-mt]	_ZNK8QLibrary7libraryEv [qt-mt]
_ZNK8QLibrary8isLoadedEv [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Plugins specified in Table 18-566, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-566 libqt-mt - Qt3 Plugins Data Interfaces

_ZN12QStylePlugin7metaObjE [qt-mt]	_ZN13QWidgetPlugin7metaObjE [qt-mt]
_ZN16QTextCodecPlugin7metaObjE [qt-mt]	_ZN18QImageFormatPlugin7metaObjE [qt-mt]
_ZN8QGPlugin7metaObjE [qt-mt]	_ZTI12QStylePlugin [CXXABI]
_ZTI13QWidgetPlugin [CXXABI]	_ZTI16QTextCodecPlugin [CXXABI]
_ZTI18QImageFormatPlugin [CXXABI]	_ZTI8QGPlugin [CXXABI]
_ZTI8QLibrary [CXXABI]	_ZTV12QStylePlugin [CXXABI]
_ZTV13QWidgetPlugin [CXXABI]	_ZTV16QTextCodecPlugin [CXXABI]
_ZTV18QImageFormatPlugin [CXXABI]	_ZTV8QGPlugin [CXXABI]
_ZTV8QLibrary [CXXABI]	

18.2.29 Qt3 XML

18.2.29.1 Class data for QXmlEntityResolver

The virtual table for the QXmlEntityResolver class is described by Table 18-567

Table 18-567 Primary vtable for QXmlEntityResolver

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlEntityResolver
vfunc[0]:	__cxa_pure_virtual
vfunc[1]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlEntityResolver class is described by Table 18-568

Table 18-568 typeinfo for QXmlEntityResolver

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlEntityResolver

18.2.29.2 Class data for QXmlLocator

The virtual table for the QXmlLocator class is described by Table 18-569

Table 18-569 Primary vtable for QXmlLocator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlLocator

 © 2008 Linux Foundation

vfunc[0]:	QXmlLocator::~QXmlLocator()
vfunc[1]:	QXmlLocator::~QXmlLocator()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlLocator class is described by Table 18-570

Table 18-570 typeinfo for QXmlLocator

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlLocator

18.2.29.3 Class data for QDomElement

The virtual table for the QDomElement class is described by Table 18-571

Table 18-571 Primary vtable for QDomElement

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomElement
vfunc[0]:	QDomElement::~QDomElement()
vfunc[1]:	QDomElement::~QDomElement()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomElement::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const

vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomElement::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomElement::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomNode::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const
vfunc[41]:	QDomElement::elementsByTagName(QString const&) const
vfunc[42]:	QDomElement::elementsByTagNameNS(QString const&, QString const&) const

The Run Time Type Information for the QDomElement class is described by Table 18-572

Table 18-572 typeinfo for QDomElement

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomElement

 © 2008 Linux Foundation

basetype:	typeinfo for QDomNode

18.2.29.4 Class data for QDomImplementation

The virtual table for the QDomImplementation class is described by Table 18-573

Table 18-573 Primary vtable for QDomImplementation

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomImplementation
vfunc[0]:	QDomImplementation::~QDomImplementation()
vfunc[1]:	QDomImplementation::~QDomImplementation()
vfunc[2]:	QDomImplementation::hasFeature(QString const&, QString const&)
vfunc[3]:	QDomImplementation::createDocumentType(QString const&, QString const&, QString const&)
vfunc[4]:	QDomImplementation::createDocument(QString const&, QString const&, QDomDocumentType const&)

The Run Time Type Information for the QDomImplementation class is described by Table 18-574

Table 18-574 typeinfo for QDomImplementation

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QDomImplementation

18.2.29.5 Class data for QDomDocumentType

The virtual table for the QDomDocumentType class is described by Table 18-575

Table 18-575 Primary vtable for QDomDocumentType

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomDocumentType
vfunc[0]:	QDomDocumentType::~QDomDocumentType()
vfunc[1]:	QDomDocumentType::~QDomDocumentType()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNod

	e const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomDocumentType::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomDocumentType::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference()

 © 2008 Linux Foundation

	const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomNode::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const
vfunc[41]:	QDomDocumentType::name() const
vfunc[42]:	QDomDocumentType::entities() const
vfunc[43]:	QDomDocumentType::notations() const
vfunc[44]:	QDomDocumentType::publicId() const
vfunc[45]:	QDomDocumentType::systemId() const
vfunc[46]:	QDomDocumentType::internalSubset() const

The Run Time Type Information for the QDomDocumentType class is described by Table 18-576

Table 18-576 typeinfo for QDomDocumentType

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomDocumentType
basetype:	typeinfo for QDomNode

18.2.29.6 Class data for QDomDocument

The virtual table for the QDomDocument class is described by Table 18-577

Table 18-577 Primary vtable for QDomDocument

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomDocument
vfunc[0]:	QDomDocument::~QDomDocument()
vfunc[1]:	QDomDocument::~QDomDocument()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)

vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomDocument::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomDocument::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const

 © 2008 Linux Foundation

vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomNode::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const

The Run Time Type Information for the QDomDocument class is described by Table 18-578

Table 18-578 typeinfo for QDomDocument

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomDocument
basetype:	typeinfo for QDomNode

18.2.29.7 Class data for QDomAttr

The virtual table for the QDomAttr class is described by Table 18-579

Table 18-579 Primary vtable for QDomAttr

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomAttr
vfunc[0]:	QDomAttr::~QDomAttr()
vfunc[1]:	QDomAttr::~QDomAttr()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomAttr::nodeType() const
vfunc[13]:	QDomNode::parentNode() const

vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomAttr::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomNode::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const
vfunc[41]:	QDomAttr::name() const
vfunc[42]:	QDomAttr::specified() const
vfunc[43]:	QDomAttr::ownerElement() const
vfunc[44]:	QDomAttr::value() const
vfunc[45]:	QDomAttr::setValue(QString const&)

The Run Time Type Information for the QDomAttr class is described by Table

 © 2008 Linux Foundation

18-580

Table 18-580 typeinfo for QDomAttr

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomAttr
basetype:	typeinfo for QDomNode

18.2.29.8 Class data for QDomNodeList

The virtual table for the QDomNodeList class is described by Table 18-581

Table 18-581 Primary vtable for QDomNodeList

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomNodeList
vfunc[0]:	QDomNodeList::~QDomNodeList()
vfunc[1]:	QDomNodeList::~QDomNodeList()
vfunc[2]:	QDomNodeList::item(int) const
vfunc[3]:	QDomNodeList::length() const

The Run Time Type Information for the QDomNodeList class is described by Table 18-582

Table 18-582 typeinfo for QDomNodeList

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QDomNodeList

18.2.29.9 Class data for QXmlReader

The virtual table for the QXmlReader class is described by Table 18-583

Table 18-583 Primary vtable for QXmlReader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlReader
vfunc[0]:	__cxa_pure_virtual
vfunc[1]:	__cxa_pure_virtual
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	__cxa_pure_virtual

vfunc[10]:	__cxa_pure_virtual
vfunc[11]:	__cxa_pure_virtual
vfunc[12]:	__cxa_pure_virtual
vfunc[13]:	__cxa_pure_virtual
vfunc[14]:	__cxa_pure_virtual
vfunc[15]:	__cxa_pure_virtual
vfunc[16]:	__cxa_pure_virtual
vfunc[17]:	__cxa_pure_virtual
vfunc[18]:	__cxa_pure_virtual
vfunc[19]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlReader class is described by Table 18-584

Table 18-584 typeinfo for QXmlReader

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlReader

18.2.29.10 Class data for QDomEntity

The virtual table for the QDomEntity class is described by Table 18-585

Table 18-585 Primary vtable for QDomEntity

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomEntity
vfunc[0]:	QDomEntity::~QDomEntity()
vfunc[1]:	QDomEntity::~QDomEntity()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const

 © 2008 Linux Foundation

vfunc[12]:	QDomEntity::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomEntity::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomNode::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const
vfunc[41]:	QDomEntity::publicId() const
vfunc[42]:	QDomEntity::systemId() const
vfunc[43]:	QDomEntity::notationName() const

The Run Time Type Information for the QDomEntity class is described by Table 18-586

Table 18-586 typeinfo for QDomEntity

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomEntity
basetype:	typeinfo for QDomNode

18.2.29.11 Class data for QXmlDeclHandler

The virtual table for the QXmlDeclHandler class is described by Table 18-587

Table 18-587 Primary vtable for QXmlDeclHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlDeclHandler
vfunc[0]:	__cxa_pure_virtual
vfunc[1]:	__cxa_pure_virtual
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlDeclHandler class is described by Table 18-588

Table 18-588 typeinfo for QXmlDeclHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlDeclHandler

18.2.29.12 Class data for QDomNode

The virtual table for the QDomNode class is described by Table 18-589

Table 18-589 Primary vtable for QDomNode

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomNode
vfunc[0]:	QDomNode::~QDomNode()
vfunc[1]:	QDomNode::~QDomNode()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)

 © 2008 Linux Foundation

vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomNode::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomNode::isCharacterData() const

vfunc[40]:	QDomNode::isComment() const

The Run Time Type Information for the QDomNode class is described by Table 18-590

Table 18-590 typeinfo for QDomNode

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QDomNode

18.2.29.13 Class data for QDomText

The virtual table for the QDomText class is described by Table 18-591

Table 18-591 Primary vtable for QDomText

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomText
vfunc[0]:	QDomText::~QDomText()
vfunc[1]:	QDomText::~QDomText()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomText::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument()

© 2008 Linux Foundation

	const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomText::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomCharacterData::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const
vfunc[41]:	QDomCharacterData::substringData(unsigned long, unsigned long)
vfunc[42]:	QDomCharacterData::appendData(QString const&)
vfunc[43]:	QDomCharacterData::insertData(unsigned long, QString const&)
vfunc[44]:	QDomCharacterData::deleteData(unsigned long, unsigned long)
vfunc[45]:	QDomCharacterData::replaceData(unsigned long, unsigned long, QString const&)
vfunc[46]:	QDomCharacterData::length() const
vfunc[47]:	QDomCharacterData::data() const
vfunc[48]:	QDomCharacterData::setData(QString const&)

The Run Time Type Information for the QDomText class is described by Table 18-592

Table 18-592 typeinfo for QDomText

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomText
basetype:	typeinfo for QDomCharacterData

18.2.29.14 Class data for QDomCharacterData

The virtual table for the QDomCharacterData class is described by Table 18-593

Table 18-593 Primary vtable for QDomCharacterData

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomCharacterData
vfunc[0]:	QDomCharacterData::~QDomCharacterData()
vfunc[1]:	QDomCharacterData::~QDomCharacterData()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomCharacterData::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const

 © 2008 Linux Foundation

vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomCharacterData::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const
vfunc[41]:	QDomCharacterData::substringData(unsigned long, unsigned long)
vfunc[42]:	QDomCharacterData::appendData(QString const&)
vfunc[43]:	QDomCharacterData::insertData(unsigned long, QString const&)
vfunc[44]:	QDomCharacterData::deleteData(unsigned long, unsigned long)
vfunc[45]:	QDomCharacterData::replaceData(unsigned long, unsigned long, QString const&)
vfunc[46]:	QDomCharacterData::length() const
vfunc[47]:	QDomCharacterData::data() const
vfunc[48]:	QDomCharacterData::setData(QStri

	ng const&)

The Run Time Type Information for the QDomCharacterData class is described by Table 18-594

Table 18-594 typeinfo for QDomCharacterData

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomCharacterData
basetype:	typeinfo for QDomNode

18.2.29.15 Class data for QDomComment

The virtual table for the QDomComment class is described by Table 18-595

Table 18-595 Primary vtable for QDomComment

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomComment
vfunc[0]:	QDomComment::~QDomComment( )
vfunc[1]:	QDomComment::~QDomComment( )
vfunc[2]:	QDomNode::insertBefore(QDomNo de const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNod e const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNo de const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomN ode const&)
vfunc[6]:	QDomNode::appendChild(QDomN ode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomComment::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const

© 2008 Linux Foundation

vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomCharacterData::isCharacterData() const
vfunc[40]:	QDomComment::isComment() const
vfunc[41]:	QDomCharacterData::substringData(unsigned long, unsigned long)
vfunc[42]:	QDomCharacterData::appendData(QString const&)
vfunc[43]:	QDomCharacterData::insertData(unsigned long, QString const&)
vfunc[44]:	QDomCharacterData::deleteData(unsigned long, unsigned long)
vfunc[45]:	QDomCharacterData::replaceData(unsigned long, unsigned long, QString const&)
vfunc[46]:	QDomCharacterData::length() const

vfunc[47]:	QDomCharacterData::data() const
vfunc[48]:	QDomCharacterData::setData(QString const&)

The Run Time Type Information for the QDomComment class is described by Table 18-596

Table 18-596 typeinfo for QDomComment

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomComment
basetype:	typeinfo for QDomCharacterData

18.2.29.16 Class data for QXmlDefaultHandler

The virtual table for the QXmlDefaultHandler class is described by Table 18-597

Table 18-597 Primary vtable for QXmlDefaultHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlDefaultHandler
vfunc[0]:	QXmlDefaultHandler::setDocumentLocator(QXmlLocator*)
vfunc[1]:	QXmlDefaultHandler::startDocument()
vfunc[2]:	QXmlDefaultHandler::endDocument()
vfunc[3]:	QXmlDefaultHandler::startPrefixMapping(QString const&, QString const&)
vfunc[4]:	QXmlDefaultHandler::endPrefixMapping(QString const&)
vfunc[5]:	QXmlDefaultHandler::startElement(QString const&, QString const&, QString const&, QXmlAttributes const&)
vfunc[6]:	QXmlDefaultHandler::endElement(QString const&, QString const&, QString const&)
vfunc[7]:	QXmlDefaultHandler::characters(QString const&)
vfunc[8]:	QXmlDefaultHandler::ignorableWhitespace(QString const&)
vfunc[9]:	QXmlDefaultHandler::processingInstruction(QString const&, QString const&)
vfunc[10]:	QXmlDefaultHandler::skippedEntity(QString const&)

 © 2008 Linux Foundation

vfunc[11]:	QXmlDefaultHandler::errorString()
vfunc[12]:	NULL or QXmlDefaultHandler::~QXmlDefaultHandler()
vfunc[13]:	NULL or QXmlDefaultHandler::~QXmlDefaultHandler()
vfunc[14]:	QXmlDefaultHandler::warning(QXmlParseException const&)
vfunc[15]:	QXmlDefaultHandler::error(QXmlParseException const&)
vfunc[16]:	QXmlDefaultHandler::fatalError(QXmlParseException const&)
vfunc[17]:	QXmlDefaultHandler::notationDecl(QString const&, QString const&, QString const&)
vfunc[18]:	QXmlDefaultHandler::unparsedEntityDecl(QString const&, QString const&, QString const&, QString const&)
vfunc[19]:	QXmlDefaultHandler::resolveEntity(QString const&, QString const&, QXmlInputSource*&)
vfunc[20]:	QXmlDefaultHandler::startDTD(QString const&, QString const&, QString const&)
vfunc[21]:	QXmlDefaultHandler::endDTD()
vfunc[22]:	QXmlDefaultHandler::startEntity(QString const&)
vfunc[23]:	QXmlDefaultHandler::endEntity(QString const&)
vfunc[24]:	QXmlDefaultHandler::startCDATA()
vfunc[25]:	QXmlDefaultHandler::endCDATA()
vfunc[26]:	QXmlDefaultHandler::comment(QString const&)
vfunc[27]:	QXmlDefaultHandler::attributeDecl(QString const&, QString const&, QString const&, QString const&, QString const&)
vfunc[28]:	QXmlDefaultHandler::internalEntityDecl(QString const&, QString const&)
vfunc[29]:	QXmlDefaultHandler::externalEntityDecl(QString const&, QString const&, QString const&)

The Run Time Type Information for the QXmlDefaultHandler class is described

by Table 18-598

Table 18-598 typeinfo for QXmlDefaultHandler

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QXmlDefaultHandler	
flags:	0	
basetype:	typeinfo for QXmlContentHandler	2
basetype:	typeinfo for QXmlErrorHandler	1026
basetype:	typeinfo for QXmlErrorHandler	2050
basetype:	typeinfo for QXmlErrorHandler	1026
basetype:	typeinfo for QXmlErrorHandler	2050
basetype:	typeinfo for QXmlErrorHandler	1026

18.2.29.17 Class data for QDomNotation

The virtual table for the QDomNotation class is described by Table 18-599

Table 18-599 Primary vtable for QDomNotation

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomNotation
vfunc[0]:	QDomNotation::~QDomNotation()
vfunc[1]:	QDomNotation::~QDomNotation()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString

© 2008 Linux Foundation

	const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomNotation::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNotation::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomNode::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const

The Run Time Type Information for the QDomNotation class is described by Table 18-600

Table 18-600 typeinfo for QDomNotation

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomNotation
basetype:	typeinfo for QDomNode

18.2.29.18 Class data for QXmlSimpleReader

The virtual table for the QXmlSimpleReader class is described by Table 18-601

Table 18-601 Primary vtable for QXmlSimpleReader

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlSimpleReader
vfunc[0]:	QXmlSimpleReader::feature(QString const&, bool*) const
vfunc[1]:	QXmlSimpleReader::setFeature(QString const&, bool)
vfunc[2]:	QXmlSimpleReader::hasFeature(QString const&) const
vfunc[3]:	QXmlSimpleReader::property(QString const&, bool*) const
vfunc[4]:	QXmlSimpleReader::setProperty(QString const&, void*)
vfunc[5]:	QXmlSimpleReader::hasProperty(QString const&) const
vfunc[6]:	QXmlSimpleReader::setEntityResolver(QXmlEntityResolver*)
vfunc[7]:	QXmlSimpleReader::entityResolver() const
vfunc[8]:	QXmlSimpleReader::setDTDHandler(QXmlDTDHandler*)
vfunc[9]:	QXmlSimpleReader::DTDHandler() const
vfunc[10]:	QXmlSimpleReader::setContentHandler(QXmlContentHandler*)
vfunc[11]:	QXmlSimpleReader::contentHandler() const
vfunc[12]:	QXmlSimpleReader::setErrorHandler(QXmlErrorHandler*)
vfunc[13]:	QXmlSimpleReader::errorHandler() const
vfunc[14]:	QXmlSimpleReader::setLexicalHandler(QXmlLexicalHandler*)
vfunc[15]:	QXmlSimpleReader::lexicalHandler() const

 © 2008 Linux Foundation

vfunc[16]:	QXmlSimpleReader::setDeclHandler (QXmlDeclHandler*)
vfunc[17]:	QXmlSimpleReader::declHandler() const
vfunc[18]:	QXmlSimpleReader::parse(QXmlInputSource const&)
vfunc[19]:	QXmlSimpleReader::parse(QXmlInputSource const*)
vfunc[20]:	QXmlSimpleReader::~QXmlSimpleReader()
vfunc[21]:	QXmlSimpleReader::~QXmlSimpleReader()
vfunc[22]:	QXmlSimpleReader::parse(QXmlInputSource const*, bool)
vfunc[23]:	QXmlSimpleReader::parseContinue()

The Run Time Type Information for the QXmlSimpleReader class is described by Table 18-602

Table 18-602 typeinfo for QXmlSimpleReader

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QXmlSimpleReader
basetype:	typeinfo for QXmlReader

18.2.29.19 Class data for QXmlLexicalHandler

The virtual table for the QXmlLexicalHandler class is described by Table 18-603

Table 18-603 Primary vtable for QXmlLexicalHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlLexicalHandler
vfunc[0]:	__cxa_pure_virtual
vfunc[1]:	__cxa_pure_virtual
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlLexicalHandler class is described by Table 18-604

Table 18-604 typeinfo for QXmlLexicalHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlLexicalHandler

18.2.29.20 Class data for QXmlAttributes

The virtual table for the QXmlAttributes class is described by Table 18-605

Table 18-605 Primary vtable for QXmlAttributes

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlAttributes
vfunc[0]:	NULL or QXmlAttributes::~QXmlAttributes()
vfunc[1]:	NULL or QXmlAttributes::~QXmlAttributes()

The Run Time Type Information for the QXmlAttributes class is described by Table 18-606

Table 18-606 typeinfo for QXmlAttributes

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlAttributes

18.2.29.21 Class data for QDomProcessingInstruction

The virtual table for the QDomProcessingInstruction class is described by Table 18-607

Table 18-607 Primary vtable for QDomProcessingInstruction

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomProcessingInstruction
vfunc[0]:	QDomProcessingInstruction::~QDomProcessingInstruction()
vfunc[1]:	QDomProcessingInstruction::~QDomProcessingInstruction()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)

 © 2008 Linux Foundation

vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomProcessingInstruction::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const

vfunc[38]:	QDomProcessingInstruction::isProcessingInstruction() const
vfunc[39]:	QDomNode::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const
vfunc[41]:	QDomProcessingInstruction::target() const
vfunc[42]:	QDomProcessingInstruction::data() const
vfunc[43]:	QDomProcessingInstruction::setData (QString const&)

The Run Time Type Information for the QDomProcessingInstruction class is described by Table 18-608

Table 18-608 typeinfo for QDomProcessingInstruction

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomProcessingInstruction
basetype:	typeinfo for QDomNode

18.2.29.22 Class data for QXmlContentHandler

The virtual table for the QXmlContentHandler class is described by Table 18-609

Table 18-609 Primary vtable for QXmlContentHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlContentHandler
vfunc[0]:	__cxa_pure_virtual
vfunc[1]:	__cxa_pure_virtual
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual
vfunc[4]:	__cxa_pure_virtual
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	__cxa_pure_virtual
vfunc[8]:	__cxa_pure_virtual
vfunc[9]:	__cxa_pure_virtual
vfunc[10]:	__cxa_pure_virtual
vfunc[11]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlContentHandler class is described by Table 18-610

 © 2008 Linux Foundation

Table 18-610 typeinfo for QXmlContentHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlContentHandler

18.2.29.23 Class data for QDomEntityReference

The virtual table for the QDomEntityReference class is described by Table 18-611

Table 18-611 Primary vtable for QDomEntityReference

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomEntityReference
vfunc[0]:	QDomEntityReference::~QDomEntityReference()
vfunc[1]:	QDomEntityReference::~QDomEntityReference()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomEntityReference::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument()

	const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomEntityReference::isEntityReference() const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomNode::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const

The Run Time Type Information for the QDomEntityReference class is described by Table 18-612

Table 18-612 typeinfo for QDomEntityReference

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomEntityReference
basetype:	typeinfo for QDomNode

18.2.29.24 Class data for QDomCDATASection

The virtual table for the QDomCDATASection class is described by Table 18-613

Table 18-613 Primary vtable for QDomCDATASection

Base Offset	0
Virtual Base Offset	0

 © 2008 Linux Foundation

RTTI	typeinfo for QDomCDATASection
vfunc[0]:	QDomCDATASection::~QDomCDATASection()
vfunc[1]:	QDomCDATASection::~QDomCDATASection()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const
vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomCDATASection::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomCDATASection::isCDATASect

	ion() const
vfunc[30]:	QDomNode::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomText::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomCharacterData::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const
vfunc[41]:	QDomCharacterData::substringData(unsigned long, unsigned long)
vfunc[42]:	QDomCharacterData::appendData(QString const&)
vfunc[43]:	QDomCharacterData::insertData(unsigned long, QString const&)
vfunc[44]:	QDomCharacterData::deleteData(unsigned long, unsigned long)
vfunc[45]:	QDomCharacterData::replaceData(unsigned long, unsigned long, QString const&)
vfunc[46]:	QDomCharacterData::length() const
vfunc[47]:	QDomCharacterData::data() const
vfunc[48]:	QDomCharacterData::setData(QString const&)

The Run Time Type Information for the QDomCDATASection class is described by Table 18-614

Table 18-614 typeinfo for QDomCDATASection

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomCDATASection
basetype:	typeinfo for QDomText

18.2.29.25 Class data for QXmlDTDHandler

The virtual table for the QXmlDTDHandler class is described by Table 18-615

 © 2008 Linux Foundation

Table 18-615 Primary vtable for QXmlDTDHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlDTDHandler
vfunc[0]:	__cxa_pure_virtual
vfunc[1]:	__cxa_pure_virtual
vfunc[2]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlDTDHandler class is described by Table 18-616

Table 18-616 typeinfo for QXmlDTDHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlDTDHandler

18.2.29.26 Class data for QXmlInputSource

The virtual table for the QXmlInputSource class is described by Table 18-617

Table 18-617 Primary vtable for QXmlInputSource

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlInputSource
vfunc[0]:	QXmlInputSource::~QXmlInputSource()
vfunc[1]:	QXmlInputSource::~QXmlInputSource()
vfunc[2]:	QXmlInputSource::setData(QString const&)
vfunc[3]:	QXmlInputSource::setData(QMemArray<char> const&)
vfunc[4]:	QXmlInputSource::fetchData()
vfunc[5]:	QXmlInputSource::data()
vfunc[6]:	QXmlInputSource::next()
vfunc[7]:	QXmlInputSource::reset()
vfunc[8]:	QXmlInputSource::fromRawData(QMemArray<char> const&, bool)

The Run Time Type Information for the QXmlInputSource class is described by Table 18-618

Table 18-618 typeinfo for QXmlInputSource

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlInputSource

18.2.29.27 Class data for QXmlErrorHandler

The virtual table for the QXmlErrorHandler class is described by Table 18-619

Table 18-619 Primary vtable for QXmlErrorHandler

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QXmlErrorHandler
vfunc[0]:	__cxa_pure_virtual
vfunc[1]:	__cxa_pure_virtual
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QXmlErrorHandler class is described by Table 18-620

Table 18-620 typeinfo for QXmlErrorHandler

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlErrorHandler

18.2.29.28 Class data for QDomDocumentFragment

The virtual table for the QDomDocumentFragment class is described by Table 18-621

Table 18-621 Primary vtable for QDomDocumentFragment

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QDomDocumentFragment
vfunc[0]:	QDomDocumentFragment::~QDomDocumentFragment()
vfunc[1]:	QDomDocumentFragment::~QDomDocumentFragment()
vfunc[2]:	QDomNode::insertBefore(QDomNode const&, QDomNode const&)
vfunc[3]:	QDomNode::insertAfter(QDomNode const&, QDomNode const&)
vfunc[4]:	QDomNode::replaceChild(QDomNode const&, QDomNode const&)
vfunc[5]:	QDomNode::removeChild(QDomNode const&)
vfunc[6]:	QDomNode::appendChild(QDomNode const&)
vfunc[7]:	QDomNode::hasChildNodes() const
vfunc[8]:	QDomNode::cloneNode(bool) const

 © 2008 Linux Foundation

vfunc[9]:	QDomNode::normalize()
vfunc[10]:	QDomNode::isSupported(QString const&, QString const&) const
vfunc[11]:	QDomNode::nodeName() const
vfunc[12]:	QDomDocumentFragment::nodeType() const
vfunc[13]:	QDomNode::parentNode() const
vfunc[14]:	QDomNode::childNodes() const
vfunc[15]:	QDomNode::firstChild() const
vfunc[16]:	QDomNode::lastChild() const
vfunc[17]:	QDomNode::previousSibling() const
vfunc[18]:	QDomNode::nextSibling() const
vfunc[19]:	QDomNode::attributes() const
vfunc[20]:	QDomNode::ownerDocument() const
vfunc[21]:	QDomNode::namespaceURI() const
vfunc[22]:	QDomNode::localName() const
vfunc[23]:	QDomNode::hasAttributes() const
vfunc[24]:	QDomNode::nodeValue() const
vfunc[25]:	QDomNode::setNodeValue(QString const&)
vfunc[26]:	QDomNode::prefix() const
vfunc[27]:	QDomNode::setPrefix(QString const&)
vfunc[28]:	QDomNode::isAttr() const
vfunc[29]:	QDomNode::isCDATASection() const
vfunc[30]:	QDomDocumentFragment::isDocumentFragment() const
vfunc[31]:	QDomNode::isDocument() const
vfunc[32]:	QDomNode::isDocumentType() const
vfunc[33]:	QDomNode::isElement() const
vfunc[34]:	QDomNode::isEntityReference() const
vfunc[35]:	QDomNode::isText() const
vfunc[36]:	QDomNode::isEntity() const
vfunc[37]:	QDomNode::isNotation() const
vfunc[38]:	QDomNode::isProcessingInstruction() const
vfunc[39]:	QDomNode::isCharacterData() const
vfunc[40]:	QDomNode::isComment() const

The Run Time Type Information for the QDomDocumentFragment class is described by Table 18-622

Table 18-622 typeinfo for QDomDocumentFragment

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDomDocumentFragment
basetype:	typeinfo for QDomNode

18.2.29.29 Interfaces for Qt3 XML

An LSB conforming implementation shall provide the generic functions for Qt3 XML specified in Table 18-623, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-623 libqt-mt - Qt3 XML Function Interfaces

_ZN10QDomEntityC1EP17QDomEntityPrivate [qt-mt]	_ZN10QDomEntityC1ERKS_ [qt-mt]
_ZN10QDomEntityC1Ev [qt-mt]	_ZN10QDomEntityC2EP17QDomEntityPrivate [qt-mt]
ZN10QDomEntityC2ERKS [qt-mt]	_ZN10QDomEntityC2Ev [qt-mt]
_ZN10QDomEntityD0Ev [qt-mt]	_ZN10QDomEntityD1Ev [qt-mt]
_ZN10QDomEntityD2Ev [qt-mt]	_ZN10QDomEntityaSERKS_ [qt-mt]
_ZN11QDomCommentC1EP18QDomCommentPrivate [qt-mt]	_ZN11QDomCommentC1ERKS_ [qt-mt]
_ZN11QDomCommentC1Ev [qt-mt]	_ZN11QDomCommentC2EP18QDomCommentPrivate [qt-mt]
ZN11QDomCommentC2ERKS [qt-mt]	_ZN11QDomCommentC2Ev [qt-mt]
_ZN11QDomCommentD0Ev [qt-mt]	_ZN11QDomCommentD1Ev [qt-mt]
_ZN11QDomCommentD2Ev [qt-mt]	_ZN11QDomCommentaSERKS_ [qt-mt]
_ZN11QDomElement10setTagNameERK7QString [qt-mt]	_ZN11QDomElement12setAttributeERK7QStringS2_ [qt-mt]
_ZN11QDomElement12setAttributeERK7QStringd [qt-mt]	_ZN11QDomElement12setAttributeERK7QStringi [qt-mt]
_ZN11QDomElement12setAttributeERK7QStringj [qt-mt]	_ZN11QDomElement12setAttributeERK7QStringl [qt-mt]
_ZN11QDomElement12setAttributeERK7QStringm [qt-mt]	_ZN11QDomElement13attributeNodeERK7QString [qt-mt]
_ZN11QDomElement14setAttributeNSE7QStringRKS0_S2_ [qt-mt]	_ZN11QDomElement14setAttributeNSE7QStringRKS0_d [qt-mt]
_ZN11QDomElement14setAttributeNSE7QStringRKS0_i [qt-mt]	_ZN11QDomElement14setAttributeNSE7QStringRKS0_j [qt-mt]
_ZN11QDomElement14setAttributeNSE7QStringRKS0_l [qt-mt]	_ZN11QDomElement14setAttributeNSE7QStringRKS0_m [qt-mt]

 © 2008 Linux Foundation

ZN11QDomElement15attributeNodeNSERK7QStringS2 [qt-mt]	_ZN11QDomElement15removeAttributeERK7QString [qt-mt]
_ZN11QDomElement16setAttributeNodeERK8QDomAttr [qt-mt]	_ZN11QDomElement17removeAttributeNSERK7QStringS2_ [qt-mt]
_ZN11QDomElement18setAttributeNodeNSERK8QDomAttr [qt-mt]	_ZN11QDomElement19removeAttributeNodeERK8QDomAttr [qt-mt]
_ZN11QDomElementC1EP18QDomElementPrivate [qt-mt]	_ZN11QDomElementC1ERKS_ [qt-mt]
_ZN11QDomElementC1Ev [qt-mt]	_ZN11QDomElementC2EP18QDomElementPrivate [qt-mt]
ZN11QDomElementC2ERKS [qt-mt]	_ZN11QDomElementC2Ev [qt-mt]
_ZN11QDomElementD0Ev [qt-mt]	_ZN11QDomElementD1Ev [qt-mt]
_ZN11QDomElementD2Ev [qt-mt]	_ZN11QDomElementaSERKS_ [qt-mt]
_ZN11QXmlLocatorC1Ev [qt-mt]	_ZN11QXmlLocatorC2Ev [qt-mt]
_ZN11QXmlLocatorD0Ev [qt-mt]	_ZN11QXmlLocatorD1Ev [qt-mt]
_ZN11QXmlLocatorD2Ev [qt-mt]	_ZN12QDomDocument10importNodeERK8QDomNodeb [qt-mt]
ZN12QDomDocument10setContentEP15QXmlInputSourceP10QXmlReaderP7QStringPiS6 [qt-mt]	_ZN12QDomDocument10setContentEP9QIODeviceP7QStringPiS4_ [qt-mt]
ZN12QDomDocument10setContentEP9QIODevicebP7QStringPiS4 [qt-mt]	_ZN12QDomDocument10setContentERK7QStringPS0_PiS4_ [qt-mt]
_ZN12QDomDocument10setContentERK7QStringbPS0_PiS4_ [qt-mt]	_ZN12QDomDocument10setContentERK8QCStringP7QStringPiS5_ [qt-mt]
ZN12QDomDocument10setContentERK8QCStringbP7QStringPiS5 [qt-mt]	_ZN12QDomDocument10setContentERK9QMemArrayIcEP7QStringPiS6_ [qt-mt]
ZN12QDomDocument10setContentERK9QMemArrayIcEbP7QStringPiS6 [qt-mt]	_ZN12QDomDocument11elementByIdERK7QString [qt-mt]
_ZN12QDomDocument13createCommentERK7QString [qt-mt]	_ZN12QDomDocument13createElementERK7QString [qt-mt]
_ZN12QDomDocument14createTextNodeERK7QString [qt-mt]	_ZN12QDomDocument15createAttributeERK7QString [qt-mt]
ZN12QDomDocument15createElementNSERK7QStringS2 [qt-mt]	_ZN12QDomDocument17createAttributeNSERK7QStringS2_ [qt-mt]
_ZN12QDomDocument18createCDATASectionERK7QString [qt-mt]	_ZN12QDomDocument19elementsByTagNameNSERK7QStringS2_ [qt-mt]
_ZN12QDomDocument21createEntityReferenceERK7QString [qt-mt]	_ZN12QDomDocument22createDocumentFragmentEv [qt-mt]
_ZN12QDomDocument27createProc	_ZN12QDomDocumentC1EP19QDo

essingInstructionERK7QStringS2_ [qt-mt]	mDocumentPrivate [qt-mt]
_ZN12QDomDocumentC1ERK16QDomDocumentType [qt-mt]	_ZN12QDomDocumentC1ERK7QString [qt-mt]
ZN12QDomDocumentC1ERKS [qt-mt]	_ZN12QDomDocumentC1Ev [qt-mt]
_ZN12QDomDocumentC2EP19QDomDocumentPrivate [qt-mt]	_ZN12QDomDocumentC2ERK16QDomDocumentType [qt-mt]
_ZN12QDomDocumentC2ERK7QString [qt-mt]	_ZN12QDomDocumentC2ERKS_ [qt-mt]
_ZN12QDomDocumentC2Ev [qt-mt]	_ZN12QDomDocumentD0Ev [qt-mt]
_ZN12QDomDocumentD1Ev [qt-mt]	_ZN12QDomDocumentD2Ev [qt-mt]
ZN12QDomDocumentaSERKS [qt-mt]	_ZN12QDomNodeListC1EP19QDomNodeListPrivate [qt-mt]
ZN12QDomNodeListC1ERKS [qt-mt]	_ZN12QDomNodeListC1Ev [qt-mt]
_ZN12QDomNodeListC2EP19QDomNodeListPrivate [qt-mt]	_ZN12QDomNodeListC2ERKS_ [qt-mt]
_ZN12QDomNodeListC2Ev [qt-mt]	_ZN12QDomNodeListD0Ev [qt-mt]
_ZN12QDomNodeListD1Ev [qt-mt]	_ZN12QDomNodeListD2Ev [qt-mt]
ZN12QDomNodeListaSERKS [qt-mt]	_ZN12QDomNotationC1EP19QDomNotationPrivate [qt-mt]
ZN12QDomNotationC1ERKS [qt-mt]	_ZN12QDomNotationC1Ev [qt-mt]
_ZN12QDomNotationC2EP19QDomNotationPrivate [qt-mt]	_ZN12QDomNotationC2ERKS_ [qt-mt]
_ZN12QDomNotationC2Ev [qt-mt]	_ZN12QDomNotationD0Ev [qt-mt]
_ZN12QDomNotationD1Ev [qt-mt]	_ZN12QDomNotationD2Ev [qt-mt]
ZN12QDomNotationaSERKS [qt-mt]	_ZN14QXmlAttributes5clearEv [qt-mt]
_ZN14QXmlAttributes6appendERK7QStringS2_S2_S2_ [qt-mt]	_ZN15QXmlInputSource11fromRawDataERK9QMemArrayIcEb [qt-mt]
_ZN15QXmlInputSource4dataEv [qt-mt]	_ZN15QXmlInputSource4initEv [qt-mt]
_ZN15QXmlInputSource4nextEv [qt-mt]	_ZN15QXmlInputSource5resetEv [qt-mt]
_ZN15QXmlInputSource7setDataERK7QString [qt-mt]	_ZN15QXmlInputSource7setDataERK9QMemArrayIcE [qt-mt]
_ZN15QXmlInputSource9fetchDataEv [qt-mt]	_ZN15QXmlInputSourceC1EP9QIODevice [qt-mt]
_ZN15QXmlInputSourceC1ER11QTextStream [qt-mt]	_ZN15QXmlInputSourceC1ER5QFile [qt-mt]
_ZN15QXmlInputSourceC1Ev [qt-mt]	_ZN15QXmlInputSourceC2EP9QIODevice [qt-mt]
_ZN15QXmlInputSourceC2ER11QTe	_ZN15QXmlInputSourceC2ER5QFile

 © 2008 Linux Foundation

xtStream [qt-mt]	[qt-mt]
_ZN15QXmlInputSourceC2Ev [qt-mt]	_ZN15QXmlInputSourceD0Ev [qt-mt]
_ZN15QXmlInputSourceD1Ev [qt-mt]	_ZN15QXmlInputSourceD2Ev [qt-mt]
_ZN16QDomCDATASectionC1EP23QDomCDATASectionPrivate [qt-mt]	_ZN16QDomCDATASectionC1ERKS_ [qt-mt]
_ZN16QDomCDATASectionC1Ev [qt-mt]	_ZN16QDomCDATASectionC2EP23QDomCDATASectionPrivate [qt-mt]
ZN16QDomCDATASectionC2ERKS [qt-mt]	_ZN16QDomCDATASectionC2Ev [qt-mt]
_ZN16QDomCDATASectionD0Ev [qt-mt]	_ZN16QDomCDATASectionD1Ev [qt-mt]
_ZN16QDomCDATASectionD2Ev [qt-mt]	_ZN16QDomCDATASectionaSERKS_ [qt-mt]
_ZN16QDomDocumentTypeC1EP23QDomDocumentTypePrivate [qt-mt]	_ZN16QDomDocumentTypeC1ERKS_ [qt-mt]
_ZN16QDomDocumentTypeC1Ev [qt-mt]	_ZN16QDomDocumentTypeC2EP23QDomDocumentTypePrivate [qt-mt]
ZN16QDomDocumentTypeC2ERKS [qt-mt]	_ZN16QDomDocumentTypeC2Ev [qt-mt]
_ZN16QDomDocumentTypeD0Ev [qt-mt]	_ZN16QDomDocumentTypeD1Ev [qt-mt]
_ZN16QDomDocumentTypeD2Ev [qt-mt]	_ZN16QDomDocumentTypeaSERKS_ [qt-mt]
_ZN16QDomNamedNodeMap12setNamedItemERK8QDomNode [qt-mt]	_ZN16QDomNamedNodeMap14setNamedItemNSERK8QDomNode [qt-mt]
_ZN16QDomNamedNodeMap15removeNamedItemERK7QString [qt-mt]	_ZN16QDomNamedNodeMap17removeNamedItemNSERK7QStringS2_ [qt-mt]
_ZN16QDomNamedNodeMapC1EP23QDomNamedNodeMapPrivate [qt-mt]	_ZN16QDomNamedNodeMapC1ERKS_ [qt-mt]
_ZN16QDomNamedNodeMapC1Ev [qt-mt]	_ZN16QDomNamedNodeMapC2EP23QDomNamedNodeMapPrivate [qt-mt]
ZN16QDomNamedNodeMapC2ERKS [qt-mt]	_ZN16QDomNamedNodeMapC2Ev [qt-mt]
_ZN16QDomNamedNodeMapD1Ev [qt-mt]	_ZN16QDomNamedNodeMapD2Ev [qt-mt]
ZN16QDomNamedNodeMapaSERKS [qt-mt]	_ZN16QXmlSimpleReader10setFeatureERK7QStringb [qt-mt]
_ZN16QXmlSimpleReader10stringAddCERK5QChar [qt-mt]	_ZN16QXmlSimpleReader11next_eat_wsEv [qt-mt]
_ZN16QXmlSimpleReader11parseFa	_ZN16QXmlSimpleReader11parsePr

iledEMS_FbvEi [qt-mt]	ologEv [qt-mt]
_ZN16QXmlSimpleReader11parseStringEv [qt-mt]	_ZN16QXmlSimpleReader11setPropertyERK7QStringPv [qt-mt]
_ZN16QXmlSimpleReader12insertXmlRefERK7QStringS2_b [qt-mt]	_ZN16QXmlSimpleReader12parseAttTypeEv [qt-mt]
_ZN16QXmlSimpleReader12parseCommentEv [qt-mt]	_ZN16QXmlSimpleReader12parseContentEv [qt-mt]
_ZN16QXmlSimpleReader12parseDoctypeEv [qt-mt]	_ZN16QXmlSimpleReader12parseElementEv [qt-mt]
_ZN16QXmlSimpleReader12parseNmtokenEv [qt-mt]	_ZN16QXmlSimpleReader13parseAttValueEv [qt-mt]
_ZN16QXmlSimpleReader13parseContinueEv [qt-mt]	_ZN16QXmlSimpleReader13setDTDHandlerEP14QXmlDTDHandler [qt-mt]
_ZN16QXmlSimpleReader13unexpectedEofEMS_FbvEi [qt-mt]	_ZN16QXmlSimpleReader14parseAttributeEv [qt-mt]
_ZN16QXmlSimpleReader14parseChoiceSeqEv [qt-mt]	_ZN16QXmlSimpleReader14parseReferenceEv [qt-mt]
_ZN16QXmlSimpleReader14pushParseStateEMS_FbvEi [qt-mt]	_ZN16QXmlSimpleReader14setDeclHandlerEP15QXmlDeclHandler [qt-mt]
_ZN16QXmlSimpleReader15parseEntityDeclEv [qt-mt]	_ZN16QXmlSimpleReader15parseExternalIDEv [qt-mt]
_ZN16QXmlSimpleReader15parseMarkupdeclEv [qt-mt]	_ZN16QXmlSimpleReader15setErrorHandlerEP16QXmlErrorHandler [qt-mt]
_ZN16QXmlSimpleReader16parseAttlistDeclEv [qt-mt]	_ZN16QXmlSimpleReader16parseElementDeclEv [qt-mt]
_ZN16QXmlSimpleReader16parseEntityValueEv [qt-mt]	_ZN16QXmlSimpleReader16parsePEReferenceEv [qt-mt]
_ZN16QXmlSimpleReader16processReferenceEv [qt-mt]	_ZN16QXmlSimpleReader16reportParseErrorERK7QString [qt-mt]
_ZN16QXmlSimpleReader17parseNotationDeclEv [qt-mt]	_ZN16QXmlSimpleReader17reportEndEntitiesEv [qt-mt]
_ZN16QXmlSimpleReader17setContentHandlerEP18QXmlContentHandler [qt-mt]	_ZN16QXmlSimpleReader17setEntityResolverEP18QXmlEntityResolver [qt-mt]
_ZN16QXmlSimpleReader17setLexicalHandlerEP18QXmlLexicalHandler [qt-mt]	_ZN16QXmlSimpleReader20parseBeginOrContinueEib [qt-mt]
_ZN16QXmlSimpleReader22processElementEmptyTagEv [qt-mt]	_ZN16QXmlSimpleReader23processElementAttributeEv [qt-mt]
_ZN16QXmlSimpleReader24processElementETagBegin2Ev [qt-mt]	_ZN16QXmlSimpleReader3refEv [qt-mt]
_ZN16QXmlSimpleReader4initEPK15QXmlInputSource [qt-mt]	_ZN16QXmlSimpleReader4nameEv [qt-mt]

 © 2008 Linux Foundation

_ZN16QXmlSimpleReader4nextEv [qt-mt]	_ZN16QXmlSimpleReader5parseEPK15QXmlInputSource [qt-mt]
_ZN16QXmlSimpleReader5parseEPK15QXmlInputSourceb [qt-mt]	_ZN16QXmlSimpleReader5parseERK15QXmlInputSource [qt-mt]
_ZN16QXmlSimpleReader6eat_wsEv [qt-mt]	_ZN16QXmlSimpleReader6stringEv [qt-mt]
_ZN16QXmlSimpleReader7parsePIEv [qt-mt]	_ZN16QXmlSimpleReader7refAddCERK5QChar [qt-mt]
_ZN16QXmlSimpleReader8initDataEv [qt-mt]	_ZN16QXmlSimpleReader8nameAddCERK5QChar [qt-mt]
_ZN16QXmlSimpleReader9parseMiscEv [qt-mt]	_ZN16QXmlSimpleReader9parseNameEv [qt-mt]
_ZN16QXmlSimpleReaderC1Ev [qt-mt]	_ZN16QXmlSimpleReaderC2Ev [qt-mt]
_ZN16QXmlSimpleReaderD0Ev [qt-mt]	_ZN16QXmlSimpleReaderD1Ev [qt-mt]
_ZN16QXmlSimpleReaderD2Ev [qt-mt]	_ZN17QDomCharacterData10appendDataERK7QString [qt-mt]
_ZN17QDomCharacterData10deleteDataEmm [qt-mt]	_ZN17QDomCharacterData10insertDataEmRK7QString [qt-mt]
_ZN17QDomCharacterData11replaceDataEmmRK7QString [qt-mt]	_ZN17QDomCharacterData13substringDataEmm [qt-mt]
_ZN17QDomCharacterData7setDataERK7QString [qt-mt]	_ZN17QDomCharacterDataC1EP24QDomCharacterDataPrivate [qt-mt]
ZN17QDomCharacterDataC1ERKS [qt-mt]	_ZN17QDomCharacterDataC1Ev [qt-mt]
_ZN17QDomCharacterDataC2EP24QDomCharacterDataPrivate [qt-mt]	_ZN17QDomCharacterDataC2ERKS_ [qt-mt]
_ZN17QDomCharacterDataC2Ev [qt-mt]	_ZN17QDomCharacterDataD0Ev [qt-mt]
_ZN17QDomCharacterDataD1Ev [qt-mt]	_ZN17QDomCharacterDataD2Ev [qt-mt]
ZN17QDomCharacterDataaSERKS [qt-mt]	_ZN18QDomImplementation10hasFeatureERK7QStringS2_ [qt-mt]
_ZN18QDomImplementation14createDocumentERK7QStringS2_RK16QDomDocumentType [qt-mt]	_ZN18QDomImplementation18createDocumentTypeERK7QStringS2_S2_ [qt-mt]
_ZN18QDomImplementation6isNullEv [qt-mt]	_ZN18QDomImplementationC1EP25QDomImplementationPrivate [qt-mt]
ZN18QDomImplementationC1ERKS [qt-mt]	_ZN18QDomImplementationC1Ev [qt-mt]
_ZN18QDomImplementationC2EP25QDomImplementationPrivate [qt-mt]	_ZN18QDomImplementationC2ERKS_ [qt-mt]
_ZN18QDomImplementationC2Ev	_ZN18QDomImplementationD0Ev

[qt-mt]	[qt-mt]
_ZN18QDomImplementationD1Ev [qt-mt]	_ZN18QDomImplementationD2Ev [qt-mt]
ZN18QDomImplementationaSERKS [qt-mt]	_ZN18QXmlDefaultHandler10charactersERK7QString [qt-mt]
_ZN18QXmlDefaultHandler10endElementERK7QStringS2_S2_ [qt-mt]	_ZN18QXmlDefaultHandler10fatalErrorERK18QXmlParseException [qt-mt]
_ZN18QXmlDefaultHandler10startCDATAEv [qt-mt]	_ZN18QXmlDefaultHandler11endDocumentEv [qt-mt]
_ZN18QXmlDefaultHandler11errorStringEv [qt-mt]	_ZN18QXmlDefaultHandler11startEntityERK7QString [qt-mt]
_ZN18QXmlDefaultHandler12notationDeclERK7QStringS2_S2_ [qt-mt]	_ZN18QXmlDefaultHandler12startElementERK7QStringS2_S2_RK14QXmlAttributes [qt-mt]
_ZN18QXmlDefaultHandler13attributeDeclERK7QStringS2_S2_S2_S2_ [qt-mt]	_ZN18QXmlDefaultHandler13resolveEntityERK7QStringS2_RP15QXmlInputSource [qt-mt]
_ZN18QXmlDefaultHandler13skippedEntityERK7QString [qt-mt]	_ZN18QXmlDefaultHandler13startDocumentEv [qt-mt]
_ZN18QXmlDefaultHandler16endPrefixMappingERK7QString [qt-mt]	_ZN18QXmlDefaultHandler18externalEntityDeclERK7QStringS2_S2_ [qt-mt]
ZN18QXmlDefaultHandler18internalEntityDeclERK7QStringS2 [qt-mt]	_ZN18QXmlDefaultHandler18setDocumentLocatorEP11QXmlLocator [qt-mt]
ZN18QXmlDefaultHandler18startPrefixMappingERK7QStringS2 [qt-mt]	_ZN18QXmlDefaultHandler18unparsedEntityDeclERK7QStringS2_S2_S2_ [qt-mt]
_ZN18QXmlDefaultHandler19ignorableWhitespaceERK7QString [qt-mt]	_ZN18QXmlDefaultHandler21processingInstructionERK7QStringS2_ [qt-mt]
_ZN18QXmlDefaultHandler5errorERK18QXmlParseException [qt-mt]	_ZN18QXmlDefaultHandler6endDTDEv [qt-mt]
_ZN18QXmlDefaultHandler7commentERK7QString [qt-mt]	_ZN18QXmlDefaultHandler7warningERK18QXmlParseException [qt-mt]
_ZN18QXmlDefaultHandler8endCDATAEv [qt-mt]	_ZN18QXmlDefaultHandler8startDTDERK7QStringS2_S2_ [qt-mt]
_ZN18QXmlDefaultHandler9endEntityERK7QString [qt-mt]	_ZN19QDomEntityReferenceC1EP26QDomEntityReferencePrivate [qt-mt]
ZN19QDomEntityReferenceC1ERKS [qt-mt]	_ZN19QDomEntityReferenceC1Ev [qt-mt]
_ZN19QDomEntityReferenceC2EP26QDomEntityReferencePrivate [qt-mt]	_ZN19QDomEntityReferenceC2ERKS_ [qt-mt]

 © 2008 Linux Foundation

_ZN19QDomEntityReferenceC2Ev [qt-mt]	_ZN19QDomEntityReferenceD0Ev [qt-mt]
_ZN19QDomEntityReferenceD1Ev [qt-mt]	_ZN19QDomEntityReferenceD2Ev [qt-mt]
ZN19QDomEntityReferenceaSERKS [qt-mt]	_ZN20QDomDocumentFragmentC1EP27QDomDocumentFragmentPrivate [qt-mt]
ZN20QDomDocumentFragmentC1ERKS [qt-mt]	_ZN20QDomDocumentFragmentC1Ev [qt-mt]
_ZN20QDomDocumentFragmentC2EP27QDomDocumentFragmentPrivate [qt-mt]	_ZN20QDomDocumentFragmentC2ERKS_ [qt-mt]
_ZN20QDomDocumentFragmentC2Ev [qt-mt]	_ZN20QDomDocumentFragmentD0Ev [qt-mt]
_ZN20QDomDocumentFragmentD1Ev [qt-mt]	_ZN20QDomDocumentFragmentD2Ev [qt-mt]
ZN20QDomDocumentFragmentaSERKS [qt-mt]	_ZN20QXmlNamespaceSupport10popContextEv [qt-mt]
_ZN20QXmlNamespaceSupport11pushContextEv [qt-mt]	_ZN20QXmlNamespaceSupport5resetEv [qt-mt]
ZN20QXmlNamespaceSupport9setPrefixERK7QStringS2 [qt-mt]	_ZN20QXmlNamespaceSupportC1Ev [qt-mt]
_ZN20QXmlNamespaceSupportC2Ev [qt-mt]	_ZN20QXmlNamespaceSupportD1Ev [qt-mt]
_ZN20QXmlNamespaceSupportD2Ev [qt-mt]	_ZN25QDomProcessingInstruction7setDataERK7QString [qt-mt]
_ZN25QDomProcessingInstructionC1EP32QDomProcessingInstructionPrivate [qt-mt]	_ZN25QDomProcessingInstructionC1ERKS_ [qt-mt]
_ZN25QDomProcessingInstructionC1Ev [qt-mt]	_ZN25QDomProcessingInstructionC2EP32QDomProcessingInstructionPrivate [qt-mt]
ZN25QDomProcessingInstructionC2ERKS [qt-mt]	_ZN25QDomProcessingInstructionC2Ev [qt-mt]
_ZN25QDomProcessingInstructionD0Ev [qt-mt]	_ZN25QDomProcessingInstructionD1Ev [qt-mt]
_ZN25QDomProcessingInstructionD2Ev [qt-mt]	_ZN25QDomProcessingInstructionaSERKS_ [qt-mt]
_ZN8QDomAttr8setValueERK7QString [qt-mt]	_ZN8QDomAttrC1EP15QDomAttrPrivate [qt-mt]
ZN8QDomAttrC1ERKS [qt-mt]	_ZN8QDomAttrC1Ev [qt-mt]
_ZN8QDomAttrC2EP15QDomAttrPrivate [qt-mt]	_ZN8QDomAttrC2ERKS_ [qt-mt]
_ZN8QDomAttrC2Ev [qt-mt]	_ZN8QDomAttrD0Ev [qt-mt]
_ZN8QDomAttrD1Ev [qt-mt]	_ZN8QDomAttrD2Ev [qt-mt]
ZN8QDomAttraSERKS [qt-mt]	_ZN8QDomNode10toDocumentEv

	[qt-mt]
_ZN8QDomNode10toNotationEv [qt-mt]	_ZN8QDomNode11appendChildERKS_ [qt-mt]
_ZN8QDomNode11insertAfterERKS_S1_ [qt-mt]	_ZN8QDomNode11removeChildERKS_ [qt-mt]
_ZN8QDomNode12insertBeforeERKS_S1_ [qt-mt]	_ZN8QDomNode12replaceChildERKS_S1_ [qt-mt]
_ZN8QDomNode12setNodeValueERK7QString [qt-mt]	_ZN8QDomNode14toCDATASectionEv [qt-mt]
_ZN8QDomNode14toDocumentTypeEv [qt-mt]	_ZN8QDomNode15toCharacterDataEv [qt-mt]
_ZN8QDomNode17toEntityReferenceEv [qt-mt]	_ZN8QDomNode18toDocumentFragmentEv [qt-mt]
_ZN8QDomNode23toProcessingInstructionEv [qt-mt]	_ZN8QDomNode5clearEv [qt-mt]
_ZN8QDomNode6toAttrEv [qt-mt]	_ZN8QDomNode6toTextEv [qt-mt]
_ZN8QDomNode8toEntityEv [qt-mt]	_ZN8QDomNode9normalizeEv [qt-mt]
_ZN8QDomNode9setPrefixERK7QString [qt-mt]	_ZN8QDomNode9toCommentEv [qt-mt]
_ZN8QDomNode9toElementEv [qt-mt]	_ZN8QDomNodeC1EP15QDomNodePrivate [qt-mt]
ZN8QDomNodeC1ERKS [qt-mt]	_ZN8QDomNodeC1Ev [qt-mt]
_ZN8QDomNodeC2EP15QDomNodePrivate [qt-mt]	_ZN8QDomNodeC2ERKS_ [qt-mt]
_ZN8QDomNodeC2Ev [qt-mt]	_ZN8QDomNodeD0Ev [qt-mt]
_ZN8QDomNodeD1Ev [qt-mt]	_ZN8QDomNodeD2Ev [qt-mt]
ZN8QDomNodeaSERKS [qt-mt]	_ZN8QDomText9splitTextEi [qt-mt]
_ZN8QDomTextC1EP15QDomTextPrivate [qt-mt]	_ZN8QDomTextC1ERKS_ [qt-mt]
_ZN8QDomTextC1Ev [qt-mt]	_ZN8QDomTextC2EP15QDomTextPrivate [qt-mt]
ZN8QDomTextC2ERKS [qt-mt]	_ZN8QDomTextC2Ev [qt-mt]
_ZN8QDomTextD0Ev [qt-mt]	_ZN8QDomTextD1Ev [qt-mt]
_ZN8QDomTextD2Ev [qt-mt]	_ZN8QDomTextaSERKS_ [qt-mt]
_ZNK10QDomEntity12notationNameEv [qt-mt]	_ZNK10QDomEntity8isEntityEv [qt-mt]
_ZNK10QDomEntity8nodeTypeEv [qt-mt]	_ZNK10QDomEntity8publicIdEv [qt-mt]
_ZNK10QDomEntity8systemIdEv [qt-mt]	_ZNK11QDomComment8nodeTypeEv [qt-mt]
_ZNK11QDomComment9isCommentEv [qt-mt]	_ZNK11QDomElement10attributesEv [qt-mt]
_ZNK11QDomElement11attributeN	_ZNK11QDomElement12hasAttribut

 © 2008 Linux Foundation

SE7QStringRKS0_S2_ [qt-mt]	eERK7QString [qt-mt]
ZNK11QDomElement14hasAttributeNSERK7QStringS2 [qt-mt]	_ZNK11QDomElement17elementsByTagNameERK7QString [qt-mt]
ZNK11QDomElement19elementsByTagNameNSERK7QStringS2 [qt-mt]	_ZNK11QDomElement4textEv [qt-mt]
_ZNK11QDomElement7tagNameEv [qt-mt]	_ZNK11QDomElement8nodeTypeEv [qt-mt]
ZNK11QDomElement9attributeERK7QStringS2 [qt-mt]	_ZNK11QDomElement9isElementEv [qt-mt]
_ZNK12QDomDocument10isDocumentEv [qt-mt]	_ZNK12QDomDocument14implementationEv [qt-mt]
_ZNK12QDomDocument15documentElementEv [qt-mt]	_ZNK12QDomDocument17elementsByTagNameERK7QString [qt-mt]
_ZNK12QDomDocument7doctypeEv [qt-mt]	_ZNK12QDomDocument8nodeTypeEv [qt-mt]
_ZNK12QDomDocument8toStringEi [qt-mt]	_ZNK12QDomDocument8toStringEv [qt-mt]
_ZNK12QDomDocument9toCStringEi [qt-mt]	_ZNK12QDomDocument9toCStringEv [qt-mt]
_ZNK12QDomNodeList4itemEi [qt-mt]	_ZNK12QDomNodeList6lengthEv [qt-mt]
ZNK12QDomNodeListeqERKS [qt-mt]	_ZNK12QDomNodeListneERKS_ [qt-mt]
_ZNK12QDomNotation10isNotationEv [qt-mt]	_ZNK12QDomNotation8nodeTypeEv [qt-mt]
_ZNK12QDomNotation8publicIdEv [qt-mt]	_ZNK12QDomNotation8systemIdEv [qt-mt]
_ZNK14QXmlAttributes3uriEi [qt-mt]	_ZNK14QXmlAttributes4typeERK7QString [qt-mt]
ZNK14QXmlAttributes4typeERK7QStringS2 [qt-mt]	_ZNK14QXmlAttributes4typeEi [qt-mt]
_ZNK14QXmlAttributes5indexERK7QString [qt-mt]	_ZNK14QXmlAttributes5indexERK7QStringS2_ [qt-mt]
_ZNK14QXmlAttributes5qNameEi [qt-mt]	_ZNK14QXmlAttributes5valueERK7QString [qt-mt]
ZNK14QXmlAttributes5valueERK7QStringS2 [qt-mt]	_ZNK14QXmlAttributes5valueEi [qt-mt]
_ZNK14QXmlAttributes6lengthEv [qt-mt]	_ZNK14QXmlAttributes9localNameEi [qt-mt]
_ZNK16QDomCDATASection14isCDATASectionEv [qt-mt]	_ZNK16QDomCDATASection8nodeTypeEv [qt-mt]
_ZNK16QDomDocumentType14internalSubsetEv [qt-mt]	_ZNK16QDomDocumentType14isDocumentTypeEv [qt-mt]
_ZNK16QDomDocumentType4nameEv [qt-mt]	_ZNK16QDomDocumentType8entitiesEv [qt-mt]

_ZNK16QDomDocumentType8nodeTypeEv [qt-mt]	_ZNK16QDomDocumentType8publicIdEv [qt-mt]
_ZNK16QDomDocumentType8systemIdEv [qt-mt]	_ZNK16QDomDocumentType9notationsEv [qt-mt]
ZNK16QDomNamedNodeMap11namedItemNSERK7QStringS2 [qt-mt]	_ZNK16QDomNamedNodeMap4itemEi [qt-mt]
_ZNK16QDomNamedNodeMap6lengthEv [qt-mt]	_ZNK16QDomNamedNodeMap8containsERK7QString [qt-mt]
_ZNK16QDomNamedNodeMap9namedItemERK7QString [qt-mt]	_ZNK16QDomNamedNodeMapeqERKS_ [qt-mt]
ZNK16QDomNamedNodeMapneERKS [qt-mt]	_ZNK16QXmlSimpleReader10DTDHandlerEv [qt-mt]
_ZNK16QXmlSimpleReader10hasFeatureERK7QString [qt-mt]	_ZNK16QXmlSimpleReader11declHandlerEv [qt-mt]
_ZNK16QXmlSimpleReader11entityExistERK7QString [qt-mt]	_ZNK16QXmlSimpleReader11hasPropertyERK7QString [qt-mt]
_ZNK16QXmlSimpleReader12errorHandlerEv [qt-mt]	_ZNK16QXmlSimpleReader14contentHandlerEv [qt-mt]
_ZNK16QXmlSimpleReader14entityResolverEv [qt-mt]	_ZNK16QXmlSimpleReader14lexicalHandlerEv [qt-mt]
_ZNK16QXmlSimpleReader7featureERK7QStringPb [qt-mt]	_ZNK16QXmlSimpleReader8propertyERK7QStringPb [qt-mt]
_ZNK17QDomCharacterData15isCharacterDataEv [qt-mt]	_ZNK17QDomCharacterData4dataEv [qt-mt]
_ZNK17QDomCharacterData6lengthEv [qt-mt]	_ZNK17QDomCharacterData8nodeTypeEv [qt-mt]
ZNK18QDomImplementationeqERKS [qt-mt]	_ZNK18QDomImplementationneERKS_ [qt-mt]
_ZNK18QXmlParseException10lineNumberEv [qt-mt]	_ZNK18QXmlParseException12columnNumberEv [qt-mt]
_ZNK18QXmlParseException7messageEv [qt-mt]	_ZNK18QXmlParseException8publicIdEv [qt-mt]
_ZNK18QXmlParseException8systemIdEv [qt-mt]	_ZNK19QDomEntityReference17isEntityReferenceEv [qt-mt]
_ZNK19QDomEntityReference8nodeTypeEv [qt-mt]	_ZNK20QDomDocumentFragment18isDocumentFragmentEv [qt-mt]
_ZNK20QDomDocumentFragment8nodeTypeEv [qt-mt]	_ZNK20QXmlNamespaceSupport11processNameERK7QStringbRS0_S3_ [qt-mt]
_ZNK20QXmlNamespaceSupport3uriERK7QString [qt-mt]	_ZNK20QXmlNamespaceSupport6prefixERK7QString [qt-mt]
_ZNK20QXmlNamespaceSupport8prefixesERK7QString [qt-mt]	_ZNK20QXmlNamespaceSupport8prefixesEv [qt-mt]
_ZNK20QXmlNamespaceSupport9splitNameERK7QStringRS0_S3_ [qt-	_ZNK25QDomProcessingInstruction23isProcessingInstructionEv [qt-mt]

 © 2008 Linux Foundation

mt]	
_ZNK25QDomProcessingInstruction4dataEv [qt-mt]	_ZNK25QDomProcessingInstruction6targetEv [qt-mt]
_ZNK25QDomProcessingInstruction8nodeTypeEv [qt-mt]	_ZNK8QDomAttr12ownerElementEv [qt-mt]
_ZNK8QDomAttr4nameEv [qt-mt]	_ZNK8QDomAttr5valueEv [qt-mt]
_ZNK8QDomAttr6isAttrEv [qt-mt]	_ZNK8QDomAttr8nodeTypeEv [qt-mt]
_ZNK8QDomAttr9specifiedEv [qt-mt]	_ZNK8QDomNode10attributesEv [qt-mt]
_ZNK8QDomNode10childNodesEv [qt-mt]	_ZNK8QDomNode10firstChildEv [qt-mt]
_ZNK8QDomNode10isDocumentEv [qt-mt]	_ZNK8QDomNode10isNotationEv [qt-mt]
_ZNK8QDomNode10parentNodeEv [qt-mt]	_ZNK8QDomNode11isSupportedERK7QStringS2_ [qt-mt]
_ZNK8QDomNode11nextSiblingEv [qt-mt]	_ZNK8QDomNode12namespaceURIEv [qt-mt]
_ZNK8QDomNode13hasAttributesEv [qt-mt]	_ZNK8QDomNode13hasChildNodesEv [qt-mt]
_ZNK8QDomNode13ownerDocumentEv [qt-mt]	_ZNK8QDomNode14isCDATASectionEv [qt-mt]
_ZNK8QDomNode14isDocumentTypeEv [qt-mt]	_ZNK8QDomNode15isCharacterDataEv [qt-mt]
_ZNK8QDomNode15previousSiblingEv [qt-mt]	_ZNK8QDomNode17isEntityReferenceEv [qt-mt]
_ZNK8QDomNode18isDocumentFragmentEv [qt-mt]	_ZNK8QDomNode23isProcessingInstructionEv [qt-mt]
_ZNK8QDomNode4saveER11QTextStreami [qt-mt]	_ZNK8QDomNode6isAttrEv [qt-mt]
_ZNK8QDomNode6isNullEv [qt-mt]	_ZNK8QDomNode6isTextEv [qt-mt]
_ZNK8QDomNode6prefixEv [qt-mt]	_ZNK8QDomNode8isEntityEv [qt-mt]
_ZNK8QDomNode8nodeNameEv [qt-mt]	_ZNK8QDomNode8nodeTypeEv [qt-mt]
_ZNK8QDomNode9cloneNodeEb [qt-mt]	_ZNK8QDomNode9isCommentEv [qt-mt]
_ZNK8QDomNode9isElementEv [qt-mt]	_ZNK8QDomNode9lastChildEv [qt-mt]
_ZNK8QDomNode9localNameEv [qt-mt]	_ZNK8QDomNode9namedItemERK7QString [qt-mt]
_ZNK8QDomNode9nodeValueEv [qt-mt]	_ZNK8QDomNodeeqERKS_ [qt-mt]
ZNK8QDomNodeneERKS [qt-mt]	_ZNK8QDomText6isTextEv [qt-mt]
_ZNK8QDomText8nodeTypeEv [qt-	

mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 XML specified in Table 18-624, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-624 libqt-mt - Qt3 XML Data Interfaces

_ZN15QXmlInputSource13EndOfDocumentE [qt-mt]	_ZN15QXmlInputSource9EndOfDataE [qt-mt]
_ZTI10QDomEntity [CXXABI]	_ZTI10QXmlReader [CXXABI]
_ZTI11QDomComment [CXXABI]	_ZTI11QDomElement [CXXABI]
_ZTI11QXmlLocator [CXXABI]	_ZTI12QDomDocument [CXXABI]
_ZTI12QDomNodeList [CXXABI]	_ZTI12QDomNotation [CXXABI]
_ZTI14QXmlAttributes [CXXABI]	_ZTI14QXmlDTDHandler [CXXABI]
_ZTI15QXmlDeclHandler [CXXABI]	_ZTI15QXmlInputSource [CXXABI]
_ZTI16QDomCDATASection [CXXABI]	_ZTI16QDomDocumentType [CXXABI]
_ZTI16QXmlErrorHandler [CXXABI]	_ZTI16QXmlSimpleReader [CXXABI]
_ZTI17QDomCharacterData [CXXABI]	_ZTI18QDomImplementation [CXXABI]
_ZTI18QXmlContentHandler [CXXABI]	_ZTI18QXmlDefaultHandler [CXXABI]
_ZTI18QXmlEntityResolver [CXXABI]	_ZTI18QXmlLexicalHandler [CXXABI]
_ZTI19QDomEntityReference [CXXABI]	_ZTI20QDomDocumentFragment [CXXABI]
_ZTI25QDomProcessingInstruction [CXXABI]	_ZTI8QDomAttr [CXXABI]
_ZTI8QDomNode [CXXABI]	_ZTI8QDomText [CXXABI]
_ZTV10QDomEntity [CXXABI]	_ZTV10QXmlReader [CXXABI]
_ZTV11QDomComment [CXXABI]	_ZTV11QDomElement [CXXABI]
_ZTV11QXmlLocator [CXXABI]	_ZTV12QDomDocument [CXXABI]
_ZTV12QDomNodeList [CXXABI]	_ZTV12QDomNotation [CXXABI]
_ZTV14QXmlAttributes [CXXABI]	_ZTV14QXmlDTDHandler [CXXABI]
_ZTV15QXmlDeclHandler [CXXABI]	_ZTV15QXmlInputSource [CXXABI]
_ZTV16QDomCDATASection [CXXABI]	_ZTV16QDomDocumentType [CXXABI]
_ZTV16QXmlErrorHandler [CXXABI]	_ZTV16QXmlSimpleReader [CXXABI]
_ZTV17QDomCharacterData [CXXABI]	_ZTV18QDomImplementation [CXXABI]
_ZTV18QXmlContentHandler	_ZTV18QXmlDefaultHandler

 © 2008 Linux Foundation

[CXXABI]	[CXXABI]
_ZTV18QXmlEntityResolver [CXXABI]	_ZTV18QXmlLexicalHandler [CXXABI]
_ZTV19QDomEntityReference [CXXABI]	_ZTV20QDomDocumentFragment [CXXABI]
_ZTV25QDomProcessingInstruction [CXXABI]	_ZTV8QDomAttr [CXXABI]
_ZTV8QDomNode [CXXABI]	_ZTV8QDomText [CXXABI]

18.2.30 Qt3 Namespace

18.2.30.1 Interfaces for Qt3 Namespace

No external functions are defined for libqt-mt - Qt3 Namespace in this part of the specification. See also the relevant architecture specific part of this specification.

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Namespace specified in Table 18-625, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-625 libqt-mt - Qt3 Namespace Data Interfaces

_ZTI2Qt [CXXABI]	

18.2.31 Qt3 Colors

18.2.31.1 Interfaces for Qt3 Colors

An LSB conforming implementation shall provide the generic functions for Qt3 Colors specified in Table 18-626, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-626 libqt-mt - Qt3 Colors Function Interfaces

ZN11QColorGroup8setBrushENS 9ColorRoleERK6QBrush [qt-mt]	_ZN11QColorGroup8setColorENS_9 ColorRoleERK6QColor [qt-mt]
_ZN11QColorGroupC1ERK6QBrush S2_S2_S2_S2_S2_S2_S2_S2_ [qt-mt]	_ZN11QColorGroupC1ERK6QColor S2_S2_S2_S2_S2_S2_ [qt-mt]
ZN11QColorGroupC1ERKS [qt-mt]	_ZN11QColorGroupC1Ev [qt-mt]
_ZN11QColorGroupC2ERK6QBrush S2_S2_S2_S2_S2_S2_S2_S2_ [qt-mt]	_ZN11QColorGroupC2ERK6QColor S2_S2_S2_S2_S2_S2_ [qt-mt]
ZN11QColorGroupC2ERKS [qt-mt]	_ZN11QColorGroupC2Ev [qt-mt]
_ZN11QColorGroupD1Ev [qt-mt]	_ZN11QColorGroupD2Ev [qt-mt]
ZN11QColorGroupaSERKS [qt-mt]	_ZN6QColor10colorNamesEv [qt-mt]
_ZN6QColor10initializeEv [qt-mt]	_ZN6QColor12globalColorsEv [qt-mt]
_ZN6QColor12numBitPlanesEv [qt-mt]	_ZN6QColor13setNamedColorERK7 QString [qt-mt]

_ZN6QColor16initGlobalColorsEv [qt-mt]	_ZN6QColor17enterAllocContextEv [qt-mt]
_ZN6QColor17leaveAllocContextEv [qt-mt]	_ZN6QColor19currentAllocContextEv [qt-mt]
_ZN6QColor19destroyAllocContextEi [qt-mt]	_ZN6QColor19setSystemNamedColorERK7QString [qt-mt]
_ZN6QColor5allocEi [qt-mt]	_ZN6QColor5allocEv [qt-mt]
_ZN6QColor6setHsvEiii [qt-mt]	_ZN6QColor6setRgbEiii [qt-mt]
_ZN6QColor6setRgbEj [qt-mt]	_ZN6QColor7cleanupEv [qt-mt]
_ZN6QColor8setPixelEj [qt-mt]	_ZN6QColor9maxColorsEv [qt-mt]
_ZN6QColorC1EPKc [qt-mt]	_ZN6QColorC1ERK7QString [qt-mt]
ZN6QColorC1ERKS [qt-mt]	_ZN6QColorC1EiiiNS_4SpecE [qt-mt]
_ZN6QColorC1Ejj [qt-mt]	_ZN6QColorC2EPKc [qt-mt]
_ZN6QColorC2ERK7QString [qt-mt]	_ZN6QColorC2ERKS_ [qt-mt]
_ZN6QColorC2EiiiNS_4SpecE [qt-mt]	_ZN6QColorC2Ejj [qt-mt]
ZN6QColoraSERKS [qt-mt]	_ZN8QPalette11setDisabledERK11QColorGroup [qt-mt]
_ZN8QPalette11setInactiveERK11QColorGroup [qt-mt]	_ZN8QPalette14directSetBrushENS_10ColorGroupEN11QColorGroup9ColorRoleERK6QBrush [qt-mt]
_ZN8QPalette22backgroundRoleFromModeEN2Qt14BackgroundModeE [qt-mt]	_ZN8QPalette22foregroundRoleFromModeEN2Qt14BackgroundModeE [qt-mt]
_ZN8QPalette6detachEv [qt-mt]	_ZN8QPalette8isCopyOfERKS_ [qt-mt]
_ZN8QPalette8setBrushEN11QColorGroup9ColorRoleERK6QBrush [qt-mt]	_ZN8QPalette8setBrushENS_10ColorGroupEN11QColorGroup9ColorRoleERK6QBrush [qt-mt]
_ZN8QPalette8setColorEN11QColorGroup9ColorRoleERK6QColor [qt-mt]	_ZN8QPalette8setColorENS_10ColorGroupEN11QColorGroup9ColorRoleERK6QColor [qt-mt]
_ZN8QPalette9setActiveERK11QColorGroup [qt-mt]	_ZN8QPaletteC1ERK11QColorGroupS2_S2_ [qt-mt]
_ZN8QPaletteC1ERK6QColor [qt-mt]	_ZN8QPaletteC1ERK6QColorS2_ [qt-mt]
ZN8QPaletteC1ERKS [qt-mt]	_ZN8QPaletteC1Ev [qt-mt]
_ZN8QPaletteC2ERK11QColorGroupS2_S2_ [qt-mt]	_ZN8QPaletteC2ERK6QColor [qt-mt]
ZN8QPaletteC2ERK6QColorS2 [qt-mt]	_ZN8QPaletteC2ERKS_ [qt-mt]
_ZN8QPaletteC2Ev [qt-mt]	_ZN8QPaletteD1Ev [qt-mt]
_ZN8QPaletteD2Ev [qt-mt]	_ZN8QPaletteaSERKS_ [qt-mt]
_ZNK11QColorGroup5brushENS_9	_ZNK11QColorGroup5colorENS_9C

© 2008 Linux Foundation

ColorRoleE [qt-mt]	olorRoleE [qt-mt]
ZNK11QColorGroupeqERKS [qt-mt]	_ZNK6QColor3hsvEPiS0_S0_ [qt-mt]
_ZNK6QColor3rgbEPiS0_S0_ [qt-mt]	_ZNK6QColor4darkEi [qt-mt]
_ZNK6QColor4nameEv [qt-mt]	_ZNK6QColor5lightEi [qt-mt]
_ZNK6QColor5pixelEi [qt-mt]	_ZNK6QColor5pixelEv [qt-mt]
_ZNK6QColor7isDirtyEv [qt-mt]	_ZNK8QPalette11directBrushENS_10ColorGroupEN11QColorGroup9ColorRoleE [qt-mt]
_ZNK8QPalette4copyEv [qt-mt]	_ZNK8QPalette5brushENS_10ColorGroupEN11QColorGroup9ColorRoleE [qt-mt]
_ZNK8QPalette5colorENS_10ColorGroupEN11QColorGroup9ColorRoleE [qt-mt]	_ZNK8QPaletteeqERKS_ [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Colors specified in Table 18-627, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-627 libqt-mt - Qt3 Colors Data Interfaces

_ZN6QColor10color_initE [qt-mt]	_ZN6QColor10colormodelE [qt-mt]
_ZN6QColor12globals_initE [qt-mt]	

18.2.32 Qt3 Fonts

18.2.32.1 Interfaces for Qt3 Fonts

An LSB conforming implementation shall provide the generic functions for Qt3 Fonts specified in Table 18-628, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-628 libqt-mt - Qt3 Fonts Function Interfaces

_ZN12QFontMetricsC1EPK8QPainter [qt-mt]	_ZN12QFontMetricsC1ERK5QFont [qt-mt]
_ZN12QFontMetricsC1ERK5QFontNS0_6ScriptE [qt-mt]	_ZN12QFontMetricsC1ERKS_ [qt-mt]
_ZN12QFontMetricsC2EPK8QPainter [qt-mt]	_ZN12QFontMetricsC2ERK5QFont [qt-mt]
_ZN12QFontMetricsC2ERK5QFontNS0_6ScriptE [qt-mt]	_ZN12QFontMetricsC2ERKS_ [qt-mt]
_ZN12QFontMetricsD1Ev [qt-mt]	_ZN12QFontMetricsD2Ev [qt-mt]
ZN12QFontMetricsaSERKS [qt-mt]	_ZN13QFontDatabase10pointSizesERK7QStringS2_ [qt-mt]
_ZN13QFontDatabase10scriptNameEN5QFont6ScriptE [qt-mt]	_ZN13QFontDatabase11smoothSizesERK7QStringS2_ [qt-mt]
_ZN13QFontDatabase11styleStringERK5QFont [qt-mt]	_ZN13QFontDatabase12scriptSampleEN5QFont6ScriptE [qt-mt]

_ZN13QFontDatabase13parseFontNameERK7QStringRS0_S3_ [qt-mt]	_ZN13QFontDatabase13standardSizesEv [qt-mt]
_ZN13QFontDatabase14createDatabaseEv [qt-mt]	_ZN13QFontDatabase4fontERK7QStringS2_i [qt-mt]
_ZN13QFontDatabase8findFontEN5QFont6ScriptEPK12QFontPrivateRK8QFontDefi [qt-mt]	_ZN13QFontDatabaseC1Ev [qt-mt]
_ZN13QFontDatabaseC2Ev [qt-mt]	_ZN5QFont10fromStringERK7QString [qt-mt]
_ZN5QFont10initializeEv [qt-mt]	_ZN5QFont10setRawModeEb [qt-mt]
_ZN5QFont10setRawNameERK7QString [qt-mt]	_ZN5QFont10setStretchEi [qt-mt]
_ZN5QFont10substituteERK7QString [qt-mt]	_ZN5QFont11defaultFontEv [qt-mt]
_ZN5QFont11setOverlineEb [qt-mt]	_ZN5QFont11substitutesERK7QString [qt-mt]
_ZN5QFont12setPixelSizeEi [qt-mt]	_ZN5QFont12setPointSizeEi [qt-mt]
_ZN5QFont12setStrikeOutEb [qt-mt]	_ZN5QFont12setStyleHintENS_9StyleHintENS_13StyleStrategyE [qt-mt]
_ZN5QFont12setUnderlineEb [qt-mt]	_ZN5QFont12x11SetScreenEi [qt-mt]
_ZN5QFont13setFixedPitchEb [qt-mt]	_ZN5QFont13substitutionsEv [qt-mt]
ZN5QFont14setDefaultFontERKS [qt-mt]	_ZN5QFont15cacheStatisticsEv [qt-mt]
_ZN5QFont16setStyleStrategyENS_13StyleStrategyE [qt-mt]	_ZN5QFont17setPixelSizeFloatEf [qt-mt]
_ZN5QFont17setPointSizeFloatEf [qt-mt]	_ZN5QFont18insertSubstitutionERK7QStringS2_ [qt-mt]
_ZN5QFont18removeSubstitutionERK7QString [qt-mt]	_ZN5QFont19insertSubstitutionsERK7QStringRK11QStringList [qt-mt]
_ZN5QFont6detachEv [qt-mt]	_ZN5QFont7cleanupEv [qt-mt]
_ZN5QFont9setFamilyERK7QString [qt-mt]	_ZN5QFont9setItalicEb [qt-mt]
_ZN5QFont9setWeightEi [qt-mt]	_ZN5QFontC1EP12QFontPrivateP12QPaintDevice [qt-mt]
_ZN5QFontC1ERK7QStringiib [qt-mt]	_ZN5QFontC1ERKS_ [qt-mt]
_ZN5QFontC1Ev [qt-mt]	_ZN5QFontC2EP12QFontPrivateP12QPaintDevice [qt-mt]
_ZN5QFontC2ERK7QStringiib [qt-mt]	_ZN5QFontC2ERKS_ [qt-mt]
_ZN5QFontC2Ev [qt-mt]	_ZN5QFontD1Ev [qt-mt]
_ZN5QFontD2Ev [qt-mt]	_ZN5QFontaSERKS_ [qt-mt]

 © 2008 Linux Foundation

_ZN9QFontInfoC1EPK8QPainter [qt-mt]	_ZN9QFontInfoC1ERK5QFont [qt-mt]
_ZN9QFontInfoC1ERK5QFontNS0_6ScriptE [qt-mt]	_ZN9QFontInfoC1ERKS_ [qt-mt]
_ZN9QFontInfoC2EPK8QPainter [qt-mt]	_ZN9QFontInfoC2ERK5QFont [qt-mt]
_ZN9QFontInfoC2ERK5QFontNS0_6ScriptE [qt-mt]	_ZN9QFontInfoC2ERKS_ [qt-mt]
_ZN9QFontInfoD1Ev [qt-mt]	_ZN9QFontInfoD2Ev [qt-mt]
ZN9QFontInfoaSERKS [qt-mt]	_ZNK12QFontMetrics11leftBearingE5QChar [qt-mt]
_ZNK12QFontMetrics11lineSpacingEv [qt-mt]	_ZNK12QFontMetrics11overlinePosEv [qt-mt]
_ZNK12QFontMetrics12boundingRectE5QChar [qt-mt]	_ZNK12QFontMetrics12boundingRectERK7QStringi [qt-mt]
_ZNK12QFontMetrics12boundingRectEiiiiiRK7QStringiiPiPP10QTextParag [qt-mt]	_ZNK12QFontMetrics12rightBearingE5QChar [qt-mt]
_ZNK12QFontMetrics12strikeOutPosEv [qt-mt]	_ZNK12QFontMetrics12underlinePosEv [qt-mt]
_ZNK12QFontMetrics14minLeftBearingEv [qt-mt]	_ZNK12QFontMetrics15minRightBearingEv [qt-mt]
_ZNK12QFontMetrics4sizeEiRK7QStringiiPiPP10QTextParag [qt-mt]	_ZNK12QFontMetrics5widthE5QChar [qt-mt]
_ZNK12QFontMetrics5widthERK7QStringi [qt-mt]	_ZNK12QFontMetrics6ascentEv [qt-mt]
_ZNK12QFontMetrics6heightEv [qt-mt]	_ZNK12QFontMetrics6inFontE5QChar [qt-mt]
_ZNK12QFontMetrics7descentEv [qt-mt]	_ZNK12QFontMetrics7leadingEv [qt-mt]
_ZNK12QFontMetrics8maxWidthEv [qt-mt]	_ZNK12QFontMetrics9charWidthERK7QStringi [qt-mt]
_ZNK12QFontMetrics9lineWidthEv [qt-mt]	_ZNK13QFontDatabase10isScalableERK7QStringS2_ [qt-mt]
ZNK13QFontDatabase12isFixedPitchERK7QStringS2 [qt-mt]	_ZNK13QFontDatabase16isBitmapScalableERK7QStringS2_ [qt-mt]
ZNK13QFontDatabase18isSmoothlyScalableERK7QStringS2 [qt-mt]	_ZNK13QFontDatabase4boldERK7QStringS2_ [qt-mt]
ZNK13QFontDatabase6italicERK7QStringS2 [qt-mt]	_ZNK13QFontDatabase6stylesERK7QString [qt-mt]
ZNK13QFontDatabase6weightERK7QStringS2 [qt-mt]	_ZNK13QFontDatabase8familiesEN5QFont6ScriptE [qt-mt]
_ZNK13QFontDatabase8familiesEv [qt-mt]	_ZNK5QFont10exactMatchEv [qt-mt]
_ZNK5QFont10fixedPitchEv [qt-mt]	_ZNK5QFont13deciPointSizeEv [qt-mt]

_ZNK5QFont13defaultFamilyEv [qt-mt]	_ZNK5QFont13styleStrategyEv [qt-mt]
_ZNK5QFont14lastResortFontEv [qt-mt]	_ZNK5QFont14pointSizeFloatEv [qt-mt]
_ZNK5QFont16lastResortFamilyEv [qt-mt]	_ZNK5QFont3keyEv [qt-mt]
_ZNK5QFont5dirtyEv [qt-mt]	_ZNK5QFont6familyEv [qt-mt]
_ZNK5QFont6handleEv [qt-mt]	_ZNK5QFont6italicEv [qt-mt]
_ZNK5QFont6weightEv [qt-mt]	_ZNK5QFont7rawModeEv [qt-mt]
_ZNK5QFont7rawNameEv [qt-mt]	_ZNK5QFont7resolveERKS_ [qt-mt]
_ZNK5QFont7stretchEv [qt-mt]	_ZNK5QFont8isCopyOfERKS_ [qt-mt]
_ZNK5QFont8overlineEv [qt-mt]	_ZNK5QFont8toStringEv [qt-mt]
_ZNK5QFont9pixelSizeEv [qt-mt]	_ZNK5QFont9pointSizeEv [qt-mt]
_ZNK5QFont9strikeOutEv [qt-mt]	_ZNK5QFont9styleHintEv [qt-mt]
_ZNK5QFont9underlineEv [qt-mt]	_ZNK5QFont9x11ScreenEv [qt-mt]
ZNK5QFonteqERKS [qt-mt]	_ZNK5QFontneERKS_ [qt-mt]
_ZNK9QFontInfo10exactMatchEv [qt-mt]	_ZNK9QFontInfo10fixedPitchEv [qt-mt]
_ZNK9QFontInfo6familyEv [qt-mt]	_ZNK9QFontInfo6italicEv [qt-mt]
_ZNK9QFontInfo6weightEv [qt-mt]	_ZNK9QFontInfo7rawModeEv [qt-mt]
_ZNK9QFontInfo8overlineEv [qt-mt]	_ZNK9QFontInfo9pixelSizeEv [qt-mt]
_ZNK9QFontInfo9pointSizeEv [qt-mt]	_ZNK9QFontInfo9strikeOutEv [qt-mt]
_ZNK9QFontInfo9styleHintEv [qt-mt]	_ZNK9QFontInfo9underlineEv [qt-mt]

18.2.33 Qt3 2D Graphics

18.2.33.1 Class data for QIconSet

The virtual table for the QIconSet class is described by Table 18-629

Table 18-629 Primary vtable for QIconSet

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIconSet
vfunc[0]:	QIconSet::~QIconSet()
vfunc[1]:	QIconSet::~QIconSet()
vfunc[2]:	QIconSet::setPixmap(QPixmap const&, QIconSet::Size, QIconSet::Mode, QIconSet::State)
vfunc[3]:	QIconSet::setPixmap(QString

 © 2008 Linux Foundation

	const&, QIconSet::Size, QIconSet::Mode, QIconSet::State)

The Run Time Type Information for the QIconSet class is described by Table 18-630

Table 18-630 typeinfo for QIconSet

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QIconSet

18.2.33.2 Interfaces for Qt3 2D Graphics

An LSB conforming implementation shall provide the generic functions for Qt3 2D Graphics specified in Table 18-631, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-631 libqt-mt - Qt3 2D Graphics Function Interfaces

_ZN4QPen11setCapStyleEN2Qt11PenCapStyleE [qt-mt]	_ZN4QPen12setJoinStyleEN2Qt12PenJoinStyleE [qt-mt]
_ZN4QPen4initERK6QColorjj [qt-mt]	_ZN4QPen6detachEv [qt-mt]
_ZN4QPen8setColorERK6QColor [qt-mt]	_ZN4QPen8setStyleEN2Qt8PenStyleE [qt-mt]
_ZN4QPen8setWidthEj [qt-mt]	_ZN4QPenC1EN2Qt8PenStyleE [qt-mt]
_ZN4QPenC1ERK6QColorjN2Qt8PenStyleE [qt-mt]	_ZN4QPenC1ERK6QColorjN2Qt8PenStyleENS3_11PenCapStyleENS3_12PenJoinStyleE [qt-mt]
ZN4QPenC1ERKS [qt-mt]	_ZN4QPenC1Ev [qt-mt]
_ZN4QPenC2EN2Qt8PenStyleE [qt-mt]	_ZN4QPenC2ERK6QColorjN2Qt8PenStyleE [qt-mt]
_ZN4QPenC2ERK6QColorjN2Qt8PenStyleENS3_11PenCapStyleENS3_12PenJoinStyleE [qt-mt]	_ZN4QPenC2ERKS_ [qt-mt]
_ZN4QPenC2Ev [qt-mt]	_ZN4QPenD1Ev [qt-mt]
_ZN4QPenD2Ev [qt-mt]	_ZN4QPenaSERKS_ [qt-mt]
_ZN5QRect10moveBottomEi [qt-mt]	_ZN5QRect10moveCenterERK6QPoint [qt-mt]
_ZN5QRect10setTopLeftERK6QPoint [qt-mt]	_ZN5QRect11moveTopLeftERK6QPoint [qt-mt]
_ZN5QRect11setTopRightERK6QPoint [qt-mt]	_ZN5QRect12moveTopRightERK6QPoint [qt-mt]
_ZN5QRect13setBottomLeftERK6QPoint [qt-mt]	_ZN5QRect14moveBottomLeftERK6QPoint [qt-mt]
_ZN5QRect14setBottomRightERK6QPoint [qt-mt]	_ZN5QRect15moveBottomRightERK6QPoint [qt-mt]
_ZN5QRect6moveByEii [qt-mt]	_ZN5QRect7moveTopEi [qt-mt]

_ZN5QRect7setRectEiiii [qt-mt]	_ZN5QRect7setSizeERK5QSize [qt-mt]
_ZN5QRect8moveLeftEi [qt-mt]	_ZN5QRect8setWidthEi [qt-mt]
_ZN5QRect9addCoordsEiiii [qt-mt]	_ZN5QRect9moveRightEi [qt-mt]
_ZN5QRect9setCoordsEiiii [qt-mt]	_ZN5QRect9setHeightEi [qt-mt]
_ZN5QRectC1ERK6QPointRK5QSize [qt-mt]	_ZN5QRectC1ERK6QPointS2_ [qt-mt]
_ZN5QRectC2ERK6QPointRK5QSize [qt-mt]	_ZN5QRectC2ERK6QPointS2_ [qt-mt]
ZN5QRectaNERKS [qt-mt]	_ZN5QRectoRERKS_ [qt-mt]
_ZN5QSize16warningDivByZeroEv [qt-mt]	_ZN5QSize5scaleERKS_NS_9ScaleModeE [qt-mt]
_ZN5QSize5scaleEiiNS_9ScaleModeE [qt-mt]	_ZN5QSize9transposeEv [qt-mt]
_ZN6QBrush4initERK6QColorN2Qt10BrushStyleE [qt-mt]	_ZN6QBrush6detachEv [qt-mt]
_ZN6QBrush8setColorERK6QColor [qt-mt]	_ZN6QBrush8setStyleEN2Qt10BrushStyleE [qt-mt]
_ZN6QBrush9setPixmapERK7QPixmap [qt-mt]	_ZN6QBrushC1EN2Qt10BrushStyleE [qt-mt]
_ZN6QBrushC1ERK6QColorN2Qt10BrushStyleE [qt-mt]	_ZN6QBrushC1ERK6QColorRK7QPixmap [qt-mt]
ZN6QBrushC1ERKS [qt-mt]	_ZN6QBrushC1Ev [qt-mt]
_ZN6QBrushC2EN2Qt10BrushStyleE [qt-mt]	_ZN6QBrushC2ERK6QColorN2Qt10BrushStyleE [qt-mt]
_ZN6QBrushC2ERK6QColorRK7QPixmap [qt-mt]	_ZN6QBrushC2ERKS_ [qt-mt]
_ZN6QBrushC2Ev [qt-mt]	_ZN6QBrushD1Ev [qt-mt]
_ZN6QBrushD2Ev [qt-mt]	_ZN6QBrushaSERKS_ [qt-mt]
_ZN6QPoint16warningDivByZeroEv [qt-mt]	_ZN7QRegion4execERK9QMemArrayIcEi [qt-mt]
_ZN7QRegion6detachEv [qt-mt]	_ZN7QRegion8setRectsEPK5QRecti [qt-mt]
_ZN7QRegion9translateEii [qt-mt]	_ZN7QRegionC1ERK11QPointArrayb [qt-mt]
_ZN7QRegionC1ERK5QRectNS_10RegionTypeE [qt-mt]	_ZN7QRegionC1ERK7QBitmap [qt-mt]
ZN7QRegionC1ERKS [qt-mt]	_ZN7QRegionC1Eb [qt-mt]
_ZN7QRegionC1EiiiiNS_10RegionTypeE [qt-mt]	_ZN7QRegionC1Ev [qt-mt]
_ZN7QRegionC2ERK11QPointArrayb [qt-mt]	_ZN7QRegionC2ERK5QRectNS_10RegionTypeE [qt-mt]
_ZN7QRegionC2ERK7QBitmap [qt-mt]	_ZN7QRegionC2ERKS_ [qt-mt]

 © 2008 Linux Foundation

_ZN7QRegionC2Eb [qt-mt]	_ZN7QRegionC2EiiiiNS_10RegionTypeE [qt-mt]
_ZN7QRegionC2Ev [qt-mt]	_ZN7QRegionD1Ev [qt-mt]
_ZN7QRegionD2Ev [qt-mt]	_ZN7QRegionaNERKS_ [qt-mt]
ZN7QRegionaSERKS [qt-mt]	_ZN7QRegioneOERKS_ [qt-mt]
ZN7QRegionmIERKS [qt-mt]	_ZN7QRegionoRERKS_ [qt-mt]
ZN7QRegionpLERKS [qt-mt]	_ZN8QIconSet11setIconSizeENS_4SizeERK5QSize [qt-mt]
_ZN8QIconSet14clearGeneratedEv [qt-mt]	_ZN8QIconSet18installIconFactoryEP12QIconFactory [qt-mt]
_ZN8QIconSet5resetERK7QPixmapNS_4SizeE [qt-mt]	_ZN8QIconSet6detachEv [qt-mt]
_ZN8QIconSet8iconSizeENS_4SizeE [qt-mt]	_ZN8QIconSet9normalizeERNS_4SizeERK5QSize [qt-mt]
_ZN8QIconSet9setPixmapERK7QPixmapNS_4SizeENS_4ModeENS_5StateE [qt-mt]	_ZN8QIconSet9setPixmapERK7QStringNS_4SizeENS_4ModeENS_5StateE [qt-mt]
_ZN8QIconSetC1ERK7QPixmapNS_4SizeE [qt-mt]	_ZN8QIconSetC1ERK7QPixmapS2_ [qt-mt]
ZN8QIconSetC1ERKS [qt-mt]	_ZN8QIconSetC1Ev [qt-mt]
_ZN8QIconSetC2ERK7QPixmapNS_4SizeE [qt-mt]	_ZN8QIconSetC2ERK7QPixmapS2_ [qt-mt]
ZN8QIconSetC2ERKS [qt-mt]	_ZN8QIconSetC2Ev [qt-mt]
_ZN8QIconSetD0Ev [qt-mt]	_ZN8QIconSetD1Ev [qt-mt]
_ZN8QIconSetD2Ev [qt-mt]	_ZN8QIconSetaSERKS_ [qt-mt]
_ZN8QPainter10drawPixmapERK5QRectRK7QPixmap [qt-mt]	_ZN8QPainter10drawPixmapERK6QPointRK7QPixmap [qt-mt]
_ZN8QPainter10drawPixmapEiiRK7QPixmapiiii [qt-mt]	_ZN8QPainter10drawPointsERK11QPointArrayii [qt-mt]
_ZN8QPainter10initializeEv [qt-mt]	_ZN8QPainter10killPStackEv [qt-mt]
_ZN8QPainter10resetXFormEv [qt-mt]	_ZN8QPainter10updateFontEv [qt-mt]
_ZN8QPainter11drawEllipseEiiii [qt-mt]	_ZN8QPainter11drawPictureERK6QPointRK8QPicture [qt-mt]
_ZN8QPainter11drawPictureERK8QPicture [qt-mt]	_ZN8QPainter11drawPictureEiiRK8QPicture [qt-mt]
_ZN8QPainter11drawPolygonERK11QPointArraybii [qt-mt]	_ZN8QPainter11setClipRectERK5QRectNS_14CoordinateModeE [qt-mt]
_ZN8QPainter11setClippingEb [qt-mt]	_ZN8QPainter11setRasterOpEN2Qt8RasterOpE [qt-mt]
_ZN8QPainter11setTabArrayEPi [qt-mt]	_ZN8QPainter11setTabStopsEi [qt-mt]
_ZN8QPainter11setViewportEiiii [qt-mt]	_ZN8QPainter11updateBrushEv [qt-mt]

_ZN8QPainter11updateXFormEv [qt-mt]	_ZN8QPainter12boundingRectERK5QRectiRK7QStringiPP10QTextParag [qt-mt]
_ZN8QPainter12drawPolylineERK11QPointArrayii [qt-mt]	_ZN8QPainter12fix_neg_rectEPiS0_S0_S0_ [qt-mt]
_ZN8QPainter12setViewXFormEb [qt-mt]	_ZN8QPainter13drawRoundRectEiiiiii [qt-mt]
_ZN8QPainter13setClipRegionERK7QRegionNS_14CoordinateModeE [qt-mt]	_ZN8QPainter13setWorldXFormEb [qt-mt]
_ZN8QPainter14setBrushOriginEii [qt-mt]	_ZN8QPainter14setWorldMatrixERK8QWMatrixb [qt-mt]
_ZN8QPainter14updateInvXFormEv [qt-mt]	_ZN8QPainter15drawCubicBezierERK11QPointArrayi [qt-mt]
_ZN8QPainter15drawTiledPixmapEiiiiRK7QPixmapii [qt-mt]	_ZN8QPainter15saveWorldMatrixEv [qt-mt]
_ZN8QPainter16drawLineSegmentsERK11QPointArrayii [qt-mt]	_ZN8QPainter16drawPolyInternalERK11QPointArrayb [qt-mt]
_ZN8QPainter16drawWinFocusRectEiiii [qt-mt]	_ZN8QPainter16drawWinFocusRectEiiiiRK6QColor [qt-mt]
_ZN8QPainter16drawWinFocusRectEiiiibRK6QColor [qt-mt]	_ZN8QPainter17drawConvexPolygonERK11QPointArrayii [qt-mt]
_ZN8QPainter17setBackgroundModeEN2Qt6BGModeE [qt-mt]	_ZN8QPainter18restoreWorldMatrixEv [qt-mt]
_ZN8QPainter18setBackgroundColorERK6QColor [qt-mt]	_ZN8QPainter3endEv [qt-mt]
_ZN8QPainter4initEv [qt-mt]	_ZN8QPainter4saveEv [qt-mt]
_ZN8QPainter4setfEjb [qt-mt]	_ZN8QPainter5beginEPK12QPaintDevicePK7QWidgetb [qt-mt]
_ZN8QPainter5beginEPK12QPaintDeviceb [qt-mt]	_ZN8QPainter5flushERK7QRegionNS_14CoordinateModeE [qt-mt]
_ZN8QPainter5flushEv [qt-mt]	_ZN8QPainter5scaleEdd [qt-mt]
_ZN8QPainter5shearEdd [qt-mt]	_ZN8QPainter6lineToEii [qt-mt]
_ZN8QPainter6moveToEii [qt-mt]	_ZN8QPainter6rotateEd [qt-mt]
_ZN8QPainter6setPenEN2Qt8PenStyleE [qt-mt]	_ZN8QPainter6setPenERK4QPen [qt-mt]
_ZN8QPainter6setPenERK6QColor [qt-mt]	_ZN8QPainter7cleanupEv [qt-mt]
_ZN8QPainter7destroyEv [qt-mt]	_ZN8QPainter7drawArcEiiiii [qt-mt]
_ZN8QPainter7drawPieEiiiii [qt-mt]	_ZN8QPainter7restoreEv [qt-mt]
_ZN8QPainter7setFontERK5QFont [qt-mt]	_ZN8QPainter8drawLineEiiii [qt-mt]
_ZN8QPainter8drawRectEiiii [qt-mt]	_ZN8QPainter8drawTextERK5QRectiRK7QStringiPS0_PP10QTextParag

 © 2008 Linux Foundation

	[qt-mt]
_ZN8QPainter8drawTextEiiRK7QStringiNS_13TextDirectionE [qt-mt]	_ZN8QPainter8drawTextEiiRK7QStringiiNS_13TextDirectionE [qt-mt]
_ZN8QPainter8fillRectEiiiiRK6QBrush [qt-mt]	_ZN8QPainter8redirectEP12QPaintDevice [qt-mt]
ZN8QPainter8redirectEP12QPaintDeviceS1 [qt-mt]	_ZN8QPainter8setBrushEN2Qt10BrushStyleE [qt-mt]
_ZN8QPainter8setBrushERK6QBrush [qt-mt]	_ZN8QPainter8setBrushERK6QColor [qt-mt]
_ZN8QPainter9drawChordEiiiiii [qt-mt]	_ZN8QPainter9drawImageERK5QRectRK6QImage [qt-mt]
_ZN8QPainter9drawImageERK6QPointRK6QImagei [qt-mt]	_ZN8QPainter9drawImageEiiRK6QImageiiiii [qt-mt]
_ZN8QPainter9drawPointEii [qt-mt]	_ZN8QPainter9setWindowEiiii [qt-mt]
_ZN8QPainter9translateEdd [qt-mt]	_ZN8QPainter9updatePenEv [qt-mt]
_ZN8QPainterC1EPK12QPaintDevicePK7QWidgetb [qt-mt]	_ZN8QPainterC1EPK12QPaintDeviceb [qt-mt]
_ZN8QPainterC1Ev [qt-mt]	_ZN8QPainterC2EPK12QPaintDevicePK7QWidgetb [qt-mt]
_ZN8QPainterC2EPK12QPaintDeviceb [qt-mt]	_ZN8QPainterC2Ev [qt-mt]
_ZN8QPainterD1Ev [qt-mt]	_ZN8QPainterD2Ev [qt-mt]
_ZN8QWMatrix18transformationModeEv [qt-mt]	_ZN8QWMatrix21setTransformationModeENS_18TransformationModeE [qt-mt]
_ZN8QWMatrix5resetEv [qt-mt]	_ZN8QWMatrix5scaleEdd [qt-mt]
_ZN8QWMatrix5shearEdd [qt-mt]	_ZN8QWMatrix6rotateEd [qt-mt]
_ZN8QWMatrix9setMatrixEdddddd [qt-mt]	_ZN8QWMatrix9translateEdd [qt-mt]
_ZN8QWMatrixC1Edddddd [qt-mt]	_ZN8QWMatrixC1Ev [qt-mt]
_ZN8QWMatrixC2Edddddd [qt-mt]	_ZN8QWMatrixC2Ev [qt-mt]
ZN8QWMatrixmLERKS [qt-mt]	_ZNK4QPen4copyEv [qt-mt]
_ZNK4QPen8capStyleEv [qt-mt]	_ZNK4QPen9joinStyleEv [qt-mt]
ZNK4QPeneqERKS [qt-mt]	_ZNK5QRect10intersectsERKS_ [qt-mt]
_ZNK5QRect4rectEPiS0_S0_S0_ [qt-mt]	_ZNK5QRect5uniteERKS_ [qt-mt]
_ZNK5QRect6coordsEPiS0_S0_S0_ [qt-mt]	_ZNK5QRect8containsERK6QPointb [qt-mt]
_ZNK5QRect8containsERKS_b [qt-mt]	_ZNK5QRect9intersectERKS_ [qt-mt]
_ZNK5QRect9normalizeEv [qt-mt]	_ZNK5QRectanERKS_ [qt-mt]
ZNK5QRectorERKS [qt-mt]	_ZNK6QBrush4copyEv [qt-mt]

ZNK6QBrusheqERKS [qt-mt]	_ZNK6QPoint15manhattanLengthEv [qt-mt]
_ZNK7QRegion12boundingRectEv [qt-mt]	_ZNK7QRegion14clipRectanglesERi [qt-mt]
_ZNK7QRegion15updateX11RegionEv [qt-mt]	_ZNK7QRegion3eorERKS_ [qt-mt]
_ZNK7QRegion4copyEv [qt-mt]	_ZNK7QRegion5rectsEv [qt-mt]
ZNK7QRegion5uniteERKS [qt-mt]	_ZNK7QRegion6isNullEv [qt-mt]
_ZNK7QRegion7isEmptyEv [qt-mt]	_ZNK7QRegion8containsERK5QRect [qt-mt]
_ZNK7QRegion8containsERK6QPoint [qt-mt]	_ZNK7QRegion8subtractERKS_ [qt-mt]
ZNK7QRegion9intersectERKS [qt-mt]	_ZNK7QRegionanERKS_ [qt-mt]
ZNK7QRegioneoERKS [qt-mt]	_ZNK7QRegioneqERKS_ [qt-mt]
ZNK7QRegionmiERKS [qt-mt]	_ZNK7QRegionorERKS_ [qt-mt]
ZNK7QRegionplERKS [qt-mt]	_ZNK8QIconSet11isGeneratedENS_4SizeENS_4ModeENS_5StateE [qt-mt]
_ZNK8QIconSet12createScaledENS_4SizeEPK7QPixmap [qt-mt]	_ZNK8QIconSet14createDisabledENS_4SizeENS_5StateE [qt-mt]
_ZNK8QIconSet6isNullEv [qt-mt]	_ZNK8QIconSet6pixmapENS_4SizeENS_4ModeENS_5StateE [qt-mt]
_ZNK8QIconSet6pixmapENS_4SizeEbNS_5StateE [qt-mt]	_ZNK8QIconSet6pixmapEv [qt-mt]
_ZNK8QPainter10clipRegionENS_14CoordinateModeE [qt-mt]	_ZNK8QPainter11fontMetricsEv [qt-mt]
_ZNK8QPainter11worldMatrixEv [qt-mt]	_ZNK8QPainter3mapEiiPiS0_ [qt-mt]
_ZNK8QPainter3mapEiiiiPiS0_S0_S0_ [qt-mt]	_ZNK8QPainter3posEv [qt-mt]
_ZNK8QPainter5xFormERK11QPointArray [qt-mt]	_ZNK8QPainter5xFormERK11QPointArrayii [qt-mt]
_ZNK8QPainter5xFormERK5QRect [qt-mt]	_ZNK8QPainter5xFormERK6QPoint [qt-mt]
ZNK8QPainter6mapInvEiiPiS0 [qt-mt]	_ZNK8QPainter6mapInvEiiiiPiS0_S0_S0_ [qt-mt]
_ZNK8QPainter6windowEv [qt-mt]	_ZNK8QPainter8fontInfoEv [qt-mt]
_ZNK8QPainter8viewportEv [qt-mt]	_ZNK8QPainter8xFormDevERK11QPointArray [qt-mt]
_ZNK8QPainter8xFormDevERK11QPointArrayii [qt-mt]	_ZNK8QPainter8xFormDevERK5QRect [qt-mt]
_ZNK8QPainter8xFormDevERK6QPoint [qt-mt]	_ZNK8QWMatrix10isIdentityEv [qt-mt]
_ZNK8QWMatrix12mapToPolygonE	_ZNK8QWMatrix3mapEddPdS0_

 © 2008 Linux Foundation

RK5QRect [qt-mt]	[qt-mt]
ZNK8QWMatrix3mapEiiPiS0 [qt-mt]	_ZNK8QWMatrix6invertEPb [qt-mt]
_ZNK8QWMatrix7mapRectERK5QRect [qt-mt]	_ZNK8QWMatrixeqERKS_ [qt-mt]
_ZNK8QWMatrixmlERK11QPointArray [qt-mt]	_ZNK8QWMatrixmlERK5QRect [qt-mt]
_ZNK8QWMatrixmlERK6QPoint [qt-mt]	_ZNK8QWMatrixmlERK7QRegion [qt-mt]
ZNK8QWMatrixneERKS [qt-mt]	

An LSB conforming implementation shall provide the generic data interfaces for Qt3 2D Graphics specified in Table 18-632, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-632 libqt-mt - Qt3 2D Graphics Data Interfaces

_ZTI8QIconSet [CXXABI]	_ZTV8QIconSet [CXXABI]

18.2.34 Qt3 Validators

18.2.34.1 Class data for QRegExpValidator

The virtual table for the QRegExpValidator class is described by Table 18-633

Table 18-633 Primary vtable for QRegExpValidator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QRegExpValidator
vfunc[0]:	NULL or QRegExpValidator::metaObject() const
vfunc[1]:	QRegExpValidator::className() const
vfunc[2]:	QRegExpValidator::qt_cast(char const*)
vfunc[3]:	QRegExpValidator::qt_invoke(int, QUObject*)
vfunc[4]:	QRegExpValidator::qt_emit(int, QUObject*)
vfunc[5]:	QRegExpValidator::qt_property(int, int, QVariant*)
vfunc[6]:	QRegExpValidator::~QRegExpValidator()
vfunc[7]:	QRegExpValidator::~QRegExpValidator()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*,

	QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QRegExpValidator::validate(QString &, int&) const
vfunc[22]:	QValidator::fixup(QString&) const

The Run Time Type Information for the QRegExpValidator class is described by Table 18-634

Table 18-634 typeinfo for QRegExpValidator

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QRegExpValidator
basetype:	typeinfo for QValidator

18.2.34.2 Class data for QIntValidator

The virtual table for the QIntValidator class is described by Table 18-635

Table 18-635 Primary vtable for QIntValidator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QIntValidator
vfunc[0]:	NULL or QIntValidator::metaObject() const
vfunc[1]:	QIntValidator::className() const
vfunc[2]:	QIntValidator::qt_cast(char const*)
vfunc[3]:	QIntValidator::qt_invoke(int, QUObject*)
vfunc[4]:	QIntValidator::qt_emit(int, QUObject*)

 © 2008 Linux Foundation

vfunc[5]:	QIntValidator::qt_property(int, int, QVariant*)
vfunc[6]:	QIntValidator::~QIntValidator()
vfunc[7]:	QIntValidator::~QIntValidator()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QIntValidator::validate(QString&, int&) const
vfunc[22]:	QValidator::fixup(QString&) const
vfunc[23]:	QIntValidator::setRange(int, int)

The Run Time Type Information for the QIntValidator class is described by Table 18-636

Table 18-636 typeinfo for QIntValidator

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIntValidator
basetype:	typeinfo for QValidator

18.2.34.3 Class data for QValidator

The virtual table for the QValidator class is described by Table 18-637

Table 18-637 Primary vtable for QValidator

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QValidator
vfunc[0]:	NULL or QValidator::metaObject() const

vfunc[1]:	QValidator::className() const
vfunc[2]:	QValidator::qt_cast(char const*)
vfunc[3]:	QValidator::qt_invoke(int, QUObject*)
vfunc[4]:	QValidator::qt_emit(int, QUObject*)
vfunc[5]:	QValidator::qt_property(int, int, QVariant*)
vfunc[6]:	QValidator::~QValidator()
vfunc[7]:	QValidator::~QValidator()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	__cxa_pure_virtual
vfunc[22]:	QValidator::fixup(QString&) const

The Run Time Type Information for the QValidator class is described by Table 18-638

Table 18-638 typeinfo for QValidator

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QValidator
basetype:	typeinfo for QObject

18.2.34.4 Class data for QDoubleValidator

The virtual table for the QDoubleValidator class is described by Table 18-639

Table 18-639 Primary vtable for QDoubleValidator

Base Offset	0

 © 2008 Linux Foundation

Virtual Base Offset	0
RTTI	typeinfo for QDoubleValidator
vfunc[0]:	NULL or QDoubleValidator::metaObject() const
vfunc[1]:	QDoubleValidator::className() const
vfunc[2]:	QDoubleValidator::qt_cast(char const*)
vfunc[3]:	QDoubleValidator::qt_invoke(int, QUObject*)
vfunc[4]:	QDoubleValidator::qt_emit(int, QUObject*)
vfunc[5]:	QDoubleValidator::qt_property(int, int, QVariant*)
vfunc[6]:	QDoubleValidator::~QDoubleValidator()
vfunc[7]:	QDoubleValidator::~QDoubleValidator()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QDoubleValidator::validate(QString &, int&) const
vfunc[22]:	QValidator::fixup(QString&) const
vfunc[23]:	QDoubleValidator::setRange(double, double, int)

The Run Time Type Information for the QDoubleValidator class is described by Table 18-640

Table 18-640 typeinfo for QDoubleValidator

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDoubleValidator
basetype:	typeinfo for QValidator

18.2.34.5 Interfaces for Qt3 Validators

An LSB conforming implementation shall provide the generic functions for Qt3 Validators specified in Table 18-641, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-641 libqt-mt - Qt3 Validators Function Interfaces

_ZN10QValidator11qt_propertyEiiP8QVariant [qt-mt]	_ZN10QValidator16staticMetaObjectEv [qt-mt]
_ZN10QValidator18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN10QValidator2trEPKcS1_ [qt-mt]
ZN10QValidator6trUtf8EPKcS1 [qt-mt]	_ZN10QValidator7qt_castEPKc [qt-mt]
_ZN10QValidator7qt_emitEiP8QUObject [qt-mt]	_ZN10QValidator9qt_invokeEiP8QUObject [qt-mt]
_ZN10QValidatorC1EP7QObjectPKc [qt-mt]	_ZN10QValidatorC2EP7QObjectPKc [qt-mt]
_ZN10QValidatorD0Ev [qt-mt]	_ZN10QValidatorD1Ev [qt-mt]
_ZN10QValidatorD2Ev [qt-mt]	_ZN13QIntValidator11qt_propertyEiiP8QVariant [qt-mt]
_ZN13QIntValidator16staticMetaObjectEv [qt-mt]	_ZN13QIntValidator18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]
ZN13QIntValidator2trEPKcS1 [qt-mt]	_ZN13QIntValidator6setTopEi [qt-mt]
ZN13QIntValidator6trUtf8EPKcS1 [qt-mt]	_ZN13QIntValidator7qt_castEPKc [qt-mt]
_ZN13QIntValidator7qt_emitEiP8QUObject [qt-mt]	_ZN13QIntValidator8setRangeEii [qt-mt]
_ZN13QIntValidator9qt_invokeEiP8QUObject [qt-mt]	_ZN13QIntValidator9setBottomEi [qt-mt]
_ZN13QIntValidatorC1EP7QObjectPKc [qt-mt]	_ZN13QIntValidatorC1EiiP7QObjectPKc [qt-mt]
_ZN13QIntValidatorC2EP7QObjectPKc [qt-mt]	_ZN13QIntValidatorC2EiiP7QObjectPKc [qt-mt]
_ZN13QIntValidatorD0Ev [qt-mt]	_ZN13QIntValidatorD1Ev [qt-mt]
_ZN13QIntValidatorD2Ev [qt-mt]	_ZN16QDoubleValidator11qt_propertyEiiP8QVariant [qt-mt]
_ZN16QDoubleValidator11setDecimalsEi [qt-mt]	_ZN16QDoubleValidator16staticMetaObjectEv [qt-mt]
_ZN16QDoubleValidator18qt_static_	_ZN16QDoubleValidator2trEPKcS1_

 © 2008 Linux Foundation

propertyEP7QObjectiiP8QVariant [qt-mt]	[qt-mt]
_ZN16QDoubleValidator6setTopEd [qt-mt]	_ZN16QDoubleValidator6trUtf8EPKcS1_ [qt-mt]
_ZN16QDoubleValidator7qt_castEPKc [qt-mt]	_ZN16QDoubleValidator7qt_emitEiP8QUObject [qt-mt]
_ZN16QDoubleValidator8setRangeEddi [qt-mt]	_ZN16QDoubleValidator9qt_invokeEiP8QUObject [qt-mt]
_ZN16QDoubleValidator9setBottomEd [qt-mt]	_ZN16QDoubleValidatorC1EP7QObjectPKc [qt-mt]
_ZN16QDoubleValidatorC1EddiP7QObjectPKc [qt-mt]	_ZN16QDoubleValidatorC2EP7QObjectPKc [qt-mt]
_ZN16QDoubleValidatorC2EddiP7QObjectPKc [qt-mt]	_ZN16QDoubleValidatorD0Ev [qt-mt]
_ZN16QDoubleValidatorD1Ev [qt-mt]	_ZN16QDoubleValidatorD2Ev [qt-mt]
_ZN16QRegExpValidator11qt_propertyEiiP8QVariant [qt-mt]	_ZN16QRegExpValidator16staticMetaObjectEv [qt-mt]
_ZN16QRegExpValidator18qt_static_propertyEP7QObjectiiP8QVariant [qt-mt]	_ZN16QRegExpValidator2trEPKcS1_ [qt-mt]
ZN16QRegExpValidator6trUtf8EPKcS1 [qt-mt]	_ZN16QRegExpValidator7qt_castEPKc [qt-mt]
_ZN16QRegExpValidator7qt_emitEiP8QUObject [qt-mt]	_ZN16QRegExpValidator9qt_invokeEiP8QUObject [qt-mt]
_ZN16QRegExpValidator9setRegExpERK7QRegExp [qt-mt]	_ZN16QRegExpValidatorC1EP7QObjectPKc [qt-mt]
_ZN16QRegExpValidatorC1ERK7QRegExpP7QObjectPKc [qt-mt]	_ZN16QRegExpValidatorC2EP7QObjectPKc [qt-mt]
_ZN16QRegExpValidatorC2ERK7QRegExpP7QObjectPKc [qt-mt]	_ZN16QRegExpValidatorD0Ev [qt-mt]
_ZN16QRegExpValidatorD1Ev [qt-mt]	_ZN16QRegExpValidatorD2Ev [qt-mt]
_ZNK10QValidator5fixupER7QString [qt-mt]	_ZNK10QValidator9classNameEv [qt-mt]
_ZNK13QIntValidator8validateER7QStringRi [qt-mt]	_ZNK13QIntValidator9classNameEv [qt-mt]
_ZNK16QDoubleValidator8validateER7QStringRi [qt-mt]	_ZNK16QDoubleValidator9classNameEv [qt-mt]
_ZNK16QRegExpValidator8validateER7QStringRi [qt-mt]	_ZNK16QRegExpValidator9classNameEv [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Validators specified in Table 18-642, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-642 libqt-mt - Qt3 Validators Data Interfaces

_ZN10QValidator7metaObjE [qt-mt]	_ZN13QIntValidator7metaObjE [qt-mt]
_ZN16QDoubleValidator7metaObjE [qt-mt]	_ZN16QRegExpValidator7metaObjE [qt-mt]
_ZTI10QValidator [CXXABI]	_ZTI13QIntValidator [CXXABI]
_ZTI16QDoubleValidator [CXXABI]	_ZTI16QRegExpValidator [CXXABI]
_ZTV10QValidator [CXXABI]	_ZTV13QIntValidator [CXXABI]
_ZTV16QDoubleValidator [CXXABI]	_ZTV16QRegExpValidator [CXXABI]

18.2.35 Qt3 Internals

18.2.35.1 Class data for QGVector

The virtual table for the QGVector class is described by Table 18-643

Table 18-643 Primary vtable for QGVector

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGVector
vfunc[0]:	NULL or QGVector::count() const
vfunc[1]:	QGVector::clear()
vfunc[2]:	QGVector::~QGVector()
vfunc[3]:	QGVector::~QGVector()
vfunc[4]:	QPtrCollection::newItem(void*)
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	QGVector::compareItems(void*, void*)
vfunc[7]:	QGVector::read(QDataStream&, void*&)
vfunc[8]:	QGVector::write(QDataStream&, void*) const

The Run Time Type Information for the QGVector class is described by Table 18-644

Table 18-644 typeinfo for QGVector

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGVector
basetype:	typeinfo for QPtrCollection

18.2.35.2 Class data for QGList

The virtual table for the QGList class is described by Table 18-645

 © 2008 Linux Foundation

Table 18-645 Primary vtable for QGList

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGList
vfunc[0]:	NULL or QGList::count() const
vfunc[1]:	QGList::clear()
vfunc[2]:	QGList::~QGList()
vfunc[3]:	QGList::~QGList()
vfunc[4]:	QPtrCollection::newItem(void*)
vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	QGList::compareItems(void*, void*)
vfunc[7]:	QGList::read(QDataStream&, void*&)
vfunc[8]:	QGList::write(QDataStream&, void*) const

The Run Time Type Information for the QGList class is described by Table 18-646

Table 18-646 typeinfo for QGList

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGList
basetype:	typeinfo for QPtrCollection

18.2.35.3 Class data for QPolygonScanner

The virtual table for the QPolygonScanner class is described by Table 18-647

Table 18-647 Primary vtable for QPolygonScanner

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QPolygonScanner
vfunc[0]:	__cxa_pure_virtual

The Run Time Type Information for the QPolygonScanner class is described by Table 18-648

Table 18-648 typeinfo for QPolygonScanner

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QPolygonScanner

18.2.35.4 Class data for QGCache

The virtual table for the QGCache class is described by Table 18-649

Table 18-649 Primary vtable for QGCache

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGCache
vfunc[0]:	QGCache::count() const
vfunc[1]:	QGCache::clear()
vfunc[2]:	QGCache::~QGCache()
vfunc[3]:	QGCache::~QGCache()
vfunc[4]:	QPtrCollection::newItem(void*)
vfunc[5]:	__cxa_pure_virtual

The Run Time Type Information for the QGCache class is described by Table 18-650

Table 18-650 typeinfo for QGCache

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGCache
basetype:	typeinfo for QPtrCollection

18.2.35.5 Class data for QGArray

The virtual table for the QGArray class is described by Table 18-651

Table 18-651 Primary vtable for QGArray

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGArray
vfunc[0]:	QGArray::~QGArray()
vfunc[1]:	QGArray::~QGArray()
vfunc[2]:	NULL or QGArray::detach()
vfunc[3]:	QGArray::newData()
vfunc[4]:	QGArray::deleteData(QGArray::array_data*)

The Run Time Type Information for the QGArray class is described by Table 18-652

Table 18-652 typeinfo for QGArray

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QGArray

18.2.35.6 Class data for QSignalVec

The virtual table for the QSignalVec class is described by Table 18-653

 © 2008 Linux Foundation

Table 18-653 Primary vtable for QSignalVec

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSignalVec
vfunc[0]:	NULL or QPtrVector<QConnectionList>::count() const
vfunc[1]:	NULL or QPtrVector<QConnectionList>::clear()
vfunc[2]:	NULL or QSignalVec::~QSignalVec()
vfunc[3]:	NULL or QSignalVec::~QSignalVec()
vfunc[4]:	QPtrCollection::newItem(void*)
vfunc[5]:	NULL or QPtrVector<QConnectionList>::deleteItem(void*)
vfunc[6]:	QGVector::compareItems(void*, void*)
vfunc[7]:	QGVector::read(QDataStream&, void*&)
vfunc[8]:	QGVector::write(QDataStream&, void*) const

The Run Time Type Information for the QSignalVec class is described by Table 18-654

Table 18-654 typeinfo for QSignalVec

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSignalVec
basetype:	typeinfo for QPtrVector<QConnectionList>

18.2.35.7 Class data for QGDict

The virtual table for the QGDict class is described by Table 18-655

Table 18-655 Primary vtable for QGDict

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QGDict
vfunc[0]:	NULL or QGDict::count() const
vfunc[1]:	QGDict::clear()
vfunc[2]:	QGDict::~QGDict()
vfunc[3]:	QGDict::~QGDict()
vfunc[4]:	QPtrCollection::newItem(void*)

vfunc[5]:	__cxa_pure_virtual
vfunc[6]:	QGDict::read(QDataStream&, void*&)
vfunc[7]:	QGDict::write(QDataStream&, void*) const

The Run Time Type Information for the QGDict class is described by Table 18-656

Table 18-656 typeinfo for QGDict

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGDict
basetype:	typeinfo for QPtrCollection

18.2.35.8 Interfaces for Qt3 Internals

An LSB conforming implementation shall provide the generic functions for Qt3 Internals specified in Table 18-657, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-657 libqt-mt - Qt3 Internals Function Interfaces

_ZN14QGDictIterator7toFirstEv [qt-mt]	_ZN14QGDictIteratorC1ERK6QGDict [qt-mt]
ZN14QGDictIteratorC1ERKS [qt-mt]	_ZN14QGDictIteratorC2ERK6QGDict [qt-mt]
ZN14QGDictIteratorC2ERKS [qt-mt]	_ZN14QGDictIteratorD1Ev [qt-mt]
_ZN14QGDictIteratorD2Ev [qt-mt]	_ZN14QGDictIteratoraSERKS_ [qt-mt]
_ZN14QGDictIteratorclEv [qt-mt]	_ZN14QGDictIteratorpLEj [qt-mt]
_ZN14QGDictIteratorppEv [qt-mt]	_ZN14QGListIterator6toLastEv [qt-mt]
_ZN14QGListIterator7toFirstEv [qt-mt]	_ZN14QGListIteratorC1ERK6QGList [qt-mt]
ZN14QGListIteratorC1ERKS [qt-mt]	_ZN14QGListIteratorC2ERK6QGList [qt-mt]
ZN14QGListIteratorC2ERKS [qt-mt]	_ZN14QGListIteratorD1Ev [qt-mt]
_ZN14QGListIteratorD2Ev [qt-mt]	_ZN14QGListIteratoraSERKS_ [qt-mt]
_ZN14QGListIteratorclEv [qt-mt]	_ZN14QGListIteratormIEj [qt-mt]
_ZN14QGListIteratormmEv [qt-mt]	_ZN14QGListIteratorpLEj [qt-mt]
_ZN14QGListIteratorppEv [qt-mt]	_ZN15QGCacheIterator6toLastEv [qt-mt]
_ZN15QGCacheIterator7toFirstEv [qt-mt]	_ZN15QGCacheIteratorC1ERK7QGCache [qt-mt]

 © 2008 Linux Foundation

ZN15QGCacheIteratorC1ERKS [qt-mt]	_ZN15QGCacheIteratorC2ERK7QGCache [qt-mt]
ZN15QGCacheIteratorC2ERKS [qt-mt]	_ZN15QGCacheIteratorD1Ev [qt-mt]
_ZN15QGCacheIteratorD2Ev [qt-mt]	_ZN15QGCacheIteratoraSERKS_ [qt-mt]
_ZN15QGCacheIteratorclEv [qt-mt]	_ZN15QGCacheIteratormIEj [qt-mt]
_ZN15QGCacheIteratormmEv [qt-mt]	_ZN15QGCacheIteratorpLEj [qt-mt]
_ZN15QGCacheIteratorppEv [qt-mt]	_ZN15QPolygonScanner4scanERK11QPointArraybii [qt-mt]
_ZN15QPolygonScanner4scanERK11QPointArraybiiNS_4EdgeE [qt-mt]	_ZN15QPolygonScanner4scanERK11QPointArraybiib [qt-mt]
_ZN6QGDict10look_asciiEPKcPvi [qt-mt]	_ZN6QGDict10remove_intElPv [qt-mt]
_ZN6QGDict10remove_ptrEPvS0_ [qt-mt]	_ZN6QGDict10take_asciiEPKc [qt-mt]
_ZN6QGDict10unlink_intElPv [qt-mt]	_ZN6QGDict10unlink_ptrEPvS0_ [qt-mt]
_ZN6QGDict11look_stringERK7QStringPvi [qt-mt]	_ZN6QGDict11take_stringERK7QString [qt-mt]
_ZN6QGDict12hashKeyAsciiEPKc [qt-mt]	_ZN6QGDict12remove_asciiEPKcPv [qt-mt]
_ZN6QGDict12unlink_asciiEPKcPv [qt-mt]	_ZN6QGDict13hashKeyStringERK7QString [qt-mt]
_ZN6QGDict13remove_stringERK7QStringPv [qt-mt]	_ZN6QGDict13unlink_commonEiP11QBaseBucketS1_ [qt-mt]
_ZN6QGDict13unlink_stringERK7QStringPv [qt-mt]	_ZN6QGDict4initEjNS_7KeyTypeEbb [qt-mt]
_ZN6QGDict4readER11QDataStream [qt-mt]	_ZN6QGDict4readER11QDataStreamRPv [qt-mt]
_ZN6QGDict5clearEv [qt-mt]	_ZN6QGDict6resizeEj [qt-mt]
_ZN6QGDict8look_intElPvi [qt-mt]	_ZN6QGDict8look_ptrEPvS0_i [qt-mt]
_ZN6QGDict8take_intEl [qt-mt]	_ZN6QGDict8take_ptrEPv [qt-mt]
ZN6QGDictC1ERKS [qt-mt]	_ZN6QGDictC1EjNS_7KeyTypeEbb [qt-mt]
ZN6QGDictC2ERKS [qt-mt]	_ZN6QGDictC2EjNS_7KeyTypeEbb [qt-mt]
_ZN6QGDictD0Ev [qt-mt]	_ZN6QGDictD1Ev [qt-mt]
_ZN6QGDictD2Ev [qt-mt]	_ZN6QGDictaSERKS_ [qt-mt]
_ZN6QGList10relinkNodeEP6QLNode [qt-mt]	_ZN6QGList10removeNodeEP6QLNode [qt-mt]
ZN6QGList12compareItemsEPvS0 [qt-mt]	_ZN6QGList16heapSortPushDownEPPvii [qt-mt]

_ZN6QGList4findEPvb [qt-mt]	_ZN6QGList4lastEv [qt-mt]
_ZN6QGList4nextEv [qt-mt]	_ZN6QGList4prevEv [qt-mt]
_ZN6QGList4readER11QDataStream [qt-mt]	_ZN6QGList4readER11QDataStream RPv [qt-mt]
_ZN6QGList4sortEv [qt-mt]	_ZN6QGList4takeEv [qt-mt]
_ZN6QGList5clearEv [qt-mt]	_ZN6QGList5eraseEP6QLNode [qt-mt]
_ZN6QGList5firstEv [qt-mt]	_ZN6QGList6appendEPv [qt-mt]
_ZN6QGList6inSortEPv [qt-mt]	_ZN6QGList6locateEj [qt-mt]
_ZN6QGList6removeEPv [qt-mt]	_ZN6QGList6takeAtEj [qt-mt]
_ZN6QGList6unlinkEv [qt-mt]	_ZN6QGList7findRefEPvb [qt-mt]
_ZN6QGList7prependEPv [qt-mt]	_ZN6QGList8insertAtEjPv [qt-mt]
_ZN6QGList8removeAtEj [qt-mt]	_ZN6QGList8takeLastEv [qt-mt]
_ZN6QGList8takeNodeEP6QLNode [qt-mt]	_ZN6QGList9removeRefEPv [qt-mt]
_ZN6QGList9replaceAtEjPv [qt-mt]	_ZN6QGList9takeFirstEv [qt-mt]
ZN6QGListC1ERKS [qt-mt]	_ZN6QGListC1Ev [qt-mt]
ZN6QGListC2ERKS [qt-mt]	_ZN6QGListC2Ev [qt-mt]
_ZN6QGListD0Ev [qt-mt]	_ZN6QGListD1Ev [qt-mt]
_ZN6QGListD2Ev [qt-mt]	_ZN6QGListaSERKS_ [qt-mt]
_ZN7QGArray10deleteDataEPNS_10array_dataE [qt-mt]	_ZN7QGArray10setRawDataEPKcj [qt-mt]
_ZN7QGArray12resetRawDataEPKcj [qt-mt]	_ZN7QGArray4fillEPKcij [qt-mt]
_ZN7QGArray4sortEj [qt-mt]	_ZN7QGArray5storeEPKcj [qt-mt]
_ZN7QGArray6assignEPKcj [qt-mt]	_ZN7QGArray6assignERKS_ [qt-mt]
_ZN7QGArray6resizeEj [qt-mt]	_ZN7QGArray6resizeEjNS_12OptimizationE [qt-mt]
_ZN7QGArray7newDataEv [qt-mt]	_ZN7QGArray9duplicateEPKcj [qt-mt]
ZN7QGArray9duplicateERKS [qt-mt]	_ZN7QGArray9msg_indexEj [qt-mt]
_ZN7QGArray9setExpandEjPKcj [qt-mt]	_ZN7QGArrayC1ERKS_ [qt-mt]
_ZN7QGArrayC1Ei [qt-mt]	_ZN7QGArrayC1Eii [qt-mt]
_ZN7QGArrayC1Ev [qt-mt]	_ZN7QGArrayC2ERKS_ [qt-mt]
_ZN7QGArrayC2Ei [qt-mt]	_ZN7QGArrayC2Eii [qt-mt]
_ZN7QGArrayC2Ev [qt-mt]	_ZN7QGArrayD0Ev [qt-mt]
_ZN7QGArrayD1Ev [qt-mt]	_ZN7QGArrayD2Ev [qt-mt]
_ZN7QGCache10setMaxCostEi [qt-mt]	_ZN7QGCache10take_otherEPKc [qt-mt]
_ZN7QGCache11makeRoomForEii [qt-mt]	_ZN7QGCache11take_stringERK7QString [qt-mt]

 © 2008 Linux Foundation

_ZN7QGCache12insert_otherEPKcPvii [qt-mt]	_ZN7QGCache12remove_otherEPKc [qt-mt]
_ZN7QGCache13insert_stringERK7QStringPvii [qt-mt]	_ZN7QGCache13remove_stringERK7QString [qt-mt]
_ZN7QGCache5clearEv [qt-mt]	_ZN7QGCacheC1EijNS_7KeyTypeEbb [qt-mt]
_ZN7QGCacheC2EijNS_7KeyTypeEbb [qt-mt]	_ZN7QGCacheD0Ev [qt-mt]
_ZN7QGCacheD1Ev [qt-mt]	_ZN7QGCacheD2Ev [qt-mt]
ZN8QGVector12compareItemsEPvS0 [qt-mt]	_ZN8QGVector12insertExpandEjPv [qt-mt]
_ZN8QGVector17warningIndexRangeEj [qt-mt]	_ZN8QGVector4fillEPvi [qt-mt]
_ZN8QGVector4readER11QDataStream [qt-mt]	_ZN8QGVector4readER11QDataStreamRPv [qt-mt]
_ZN8QGVector4sortEv [qt-mt]	_ZN8QGVector4takeEj [qt-mt]
_ZN8QGVector5clearEv [qt-mt]	_ZN8QGVector6insertEjPv [qt-mt]
_ZN8QGVector6removeEj [qt-mt]	_ZN8QGVector6resizeEj [qt-mt]
ZN8QGVectorC1ERKS [qt-mt]	_ZN8QGVectorC1Ej [qt-mt]
_ZN8QGVectorC1Ev [qt-mt]	_ZN8QGVectorC2ERKS_ [qt-mt]
_ZN8QGVectorC2Ej [qt-mt]	_ZN8QGVectorC2Ev [qt-mt]
_ZN8QGVectorD0Ev [qt-mt]	_ZN8QGVectorD1Ev [qt-mt]
_ZN8QGVectorD2Ev [qt-mt]	_ZN8QGVectoraSERKS_ [qt-mt]
_ZNK15QGCacheIterator11getKeyAsciiEv [qt-mt]	_ZNK15QGCacheIterator12getKeyStringEv [qt-mt]
_ZNK15QGCacheIterator3getEv [qt-mt]	_ZNK15QGCacheIterator5countEv [qt-mt]
_ZNK15QGCacheIterator6atLastEv [qt-mt]	_ZNK15QGCacheIterator7atFirstEv [qt-mt]
_ZNK15QGCacheIterator9getKeyIntEv [qt-mt]	_ZNK6QGDict10statisticsEv [qt-mt]
_ZNK6QGDict5writeER11QDataStream [qt-mt]	_ZNK6QGDict5writeER11QDataStreamPv [qt-mt]
_ZNK6QGList11containsRefEPv [qt-mt]	_ZNK6QGList5writeER11QDataStream [qt-mt]
_ZNK6QGList5writeER11QDataStreamPv [qt-mt]	_ZNK6QGList8containsEPv [qt-mt]
_ZNK6QGList8toVectorEP8QGVector [qt-mt]	_ZNK6QGListeqERKS_ [qt-mt]
_ZNK7QGArray4findEPKcjj [qt-mt]	_ZNK7QGArray7bsearchEPKcj [qt-mt]
ZNK7QGArray7isEqualERKS [qt-mt]	_ZNK7QGArray8containsEPKcj [qt-mt]
_ZNK7QGCache10find_otherEPKcb	_ZNK7QGCache10statisticsEv [qt-

[qt-mt]	mt]
_ZNK7QGCache11find_stringERK7QStringb [qt-mt]	_ZNK7QGCache4sizeEv [qt-mt]
_ZNK7QGCache5countEv [qt-mt]	_ZNK8QGVector11containsRefEPv [qt-mt]
_ZNK8QGVector4findEPvj [qt-mt]	_ZNK8QGVector5writeER11QDataStream [qt-mt]
_ZNK8QGVector5writeER11QDataStreamPv [qt-mt]	_ZNK8QGVector6toListEP6QGList [qt-mt]
_ZNK8QGVector7bsearchEPv [qt-mt]	_ZNK8QGVector7findRefEPvj [qt-mt]
_ZNK8QGVector8containsEPv [qt-mt]	_ZNK8QGVectoreqERKS_ [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Internals specified in Table 18-658, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-658 libqt-mt - Qt3 Internals Data Interfaces

_ZTI15QPolygonScanner [CXXABI]	_ZTI6QGDict [CXXABI]
_ZTI6QGList [CXXABI]	_ZTI7QGArray [CXXABI]
_ZTI7QGCache [CXXABI]	_ZTI7QShared [CXXABI]
_ZTI8QGVector [CXXABI]	_ZTV15QPolygonScanner [CXXABI]
_ZTV6QGDict [CXXABI]	_ZTV6QGList [CXXABI]
_ZTV7QGArray [CXXABI]	_ZTV7QGCache [CXXABI]
_ZTV8QGVector [CXXABI]	

18.2.36 Qt3 Miscellaneous

18.2.36.1 Class data for QRangeControl

The virtual table for the QRangeControl class is described by Table 18-659

Table 18-659 Primary vtable for QRangeControl

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QRangeControl
vfunc[0]:	QRangeControl::~QRangeControl()
vfunc[1]:	QRangeControl::~QRangeControl()
vfunc[2]:	QRangeControl::valueChange()
vfunc[3]:	QRangeControl::rangeChange()
vfunc[4]:	QRangeControl::stepChange()

The Run Time Type Information for the QRangeControl class is described by Table 18-660

 © 2008 Linux Foundation

Table 18-660 typeinfo for QRangeControl

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QRangeControl

18.2.36.2 Class data for QSplashScreen

The virtual table for the QSplashScreen class is described by Table 18-661

Table 18-661 Primary vtable for QSplashScreen

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSplashScreen
vfunc[0]:	NULL or QSplashScreen::metaObject() const
vfunc[1]:	QSplashScreen::className() const
vfunc[2]:	QSplashScreen::qt_cast(char const*)
vfunc[3]:	QSplashScreen::qt_invoke(int, QUObject*)
vfunc[4]:	QSplashScreen::qt_emit(int, QUObject*)
vfunc[5]:	QSplashScreen::qt_property(int, int, QVariant*)
vfunc[6]:	QSplashScreen::~QSplashScreen()
vfunc[7]:	QSplashScreen::~QSplashScreen()
vfunc[8]:	QWidget::event(QEvent*)
vfunc[9]:	QObject::eventFilter(QObject*, QEvent*)
vfunc[10]:	QWidget::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)
vfunc[21]:	QWidget::setEnabled(bool)
vfunc[22]:	QWidget::setMinimumSize(int, int)

vfunc[23]:	QWidget::setMaximumSize(int, int)
vfunc[24]:	QWidget::setSizeIncrement(int, int)
vfunc[25]:	QWidget::setBackgroundMode(Qt::BackgroundMode)
vfunc[26]:	QWidget::setEraseColor(QColor const&)
vfunc[27]:	QWidget::setErasePixmap(QPixmap const&)
vfunc[28]:	QWidget::setPalette(QPalette const&)
vfunc[29]:	QWidget::setPaletteBackgroundColor(QColor const&)
vfunc[30]:	QWidget::setPaletteBackgroundPixmap(QPixmap const&)
vfunc[31]:	QWidget::setFont(QFont const&)
vfunc[32]:	QWidget::setCursor(QCursor const&)
vfunc[33]:	QWidget::unsetCursor()
vfunc[34]:	QWidget::setMask(QBitmap const&)
vfunc[35]:	QWidget::setMask(QRegion const&)
vfunc[36]:	QWidget::setBackgroundColor(QColor const&)
vfunc[37]:	QWidget::setBackgroundPixmap(QPixmap const&)
vfunc[38]:	QWidget::setCaption(QString const&)
vfunc[39]:	QWidget::setIcon(QPixmap const&)
vfunc[40]:	QWidget::setIconText(QString const&)
vfunc[41]:	QWidget::setMouseTracking(bool)
vfunc[42]:	QWidget::setFocus()
vfunc[43]:	QWidget::setActiveWindow()
vfunc[44]:	QWidget::setFocusPolicy(QWidget::FocusPolicy)
vfunc[45]:	QWidget::setFocusProxy(QWidget*)
vfunc[46]:	QWidget::setUpdatesEnabled(bool)
vfunc[47]:	QWidget::show()
vfunc[48]:	QWidget::hide()
vfunc[49]:	QWidget::showMinimized()
vfunc[50]:	QWidget::showMaximized()
vfunc[51]:	QWidget::showNormal()
vfunc[52]:	QWidget::polish()
vfunc[53]:	QWidget::move(int, int)

 © 2008 Linux Foundation

vfunc[54]:	QWidget::resize(int, int)
vfunc[55]:	QWidget::setGeometry(int, int, int, int)
vfunc[56]:	NULL or QWidget::setGeometry(QRect const&)
vfunc[57]:	QWidget::close(bool)
vfunc[58]:	QWidget::sizeHint() const
vfunc[59]:	QWidget::minimumSizeHint() const
vfunc[60]:	QWidget::sizePolicy() const
vfunc[61]:	QWidget::setSizePolicy(QSizePolicy)
vfunc[62]:	QWidget::heightForWidth(int) const
vfunc[63]:	QWidget::adjustSize()
vfunc[64]:	QWidget::reparent(QWidget*, unsigned int, QPoint const&, bool)
vfunc[65]:	QWidget::setAcceptDrops(bool)
vfunc[66]:	QWidget::setAutoMask(bool)
vfunc[67]:	QWidget::setBackgroundOrigin(QWidget::BackgroundOrigin)
vfunc[68]:	QWidget::customWhatsThis() const
vfunc[69]:	QSplashScreen::mousePressEvent(QMouseEvent*)
vfunc[70]:	QWidget::mouseReleaseEvent(QMouseEvent*)
vfunc[71]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[72]:	QWidget::mouseMoveEvent(QMouseEvent*)
vfunc[73]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[74]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[75]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[76]:	QWidget::focusInEvent(QFocusEvent*)
vfunc[77]:	QWidget::focusOutEvent(QFocusEvent*)
vfunc[78]:	QWidget::enterEvent(QEvent*)
vfunc[79]:	QWidget::leaveEvent(QEvent*)
vfunc[80]:	QWidget::paintEvent(QPaintEvent*)
vfunc[81]:	QWidget::moveEvent(QMoveEvent*)
vfunc[82]:	QWidget::resizeEvent(QResizeEvent

	*)
vfunc[83]:	QWidget::closeEvent(QCloseEvent*)
vfunc[84]:	QWidget::contextMenuEvent(QContextMenuEvent*)
vfunc[85]:	QWidget::imStartEvent(QIMEvent*)
vfunc[86]:	QWidget::imComposeEvent(QIMEvent*)
vfunc[87]:	QWidget::imEndEvent(QIMEvent*)
vfunc[88]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[89]:	QWidget::dragEnterEvent(QDragEnterEvent*)
vfunc[90]:	QWidget::dragMoveEvent(QDragMoveEvent*)
vfunc[91]:	QWidget::dragLeaveEvent(QDragLeaveEvent*)
vfunc[92]:	QWidget::dropEvent(QDropEvent*)
vfunc[93]:	QWidget::showEvent(QShowEvent*)
vfunc[94]:	QWidget::hideEvent(QHideEvent*)
vfunc[95]:	QWidget::x11Event(_XEvent*)
vfunc[96]:	QWidget::updateMask()
vfunc[97]:	QWidget::styleChange(QStyle&)
vfunc[98]:	QWidget::enabledChange(bool)
vfunc[99]:	QWidget::paletteChange(QPalette const&)
vfunc[100]:	QWidget::fontChange(QFont const&)
vfunc[101]:	QWidget::windowActivationChange(bool)
vfunc[102]:	QWidget::metric(int) const
vfunc[103]:	QWidget::create(unsigned long, bool, bool)
vfunc[104]:	QWidget::destroy(bool, bool)
vfunc[105]:	NULL or QWidget::setWState(unsigned int)
vfunc[106]:	NULL or QWidget::setWFlags(unsigned int)
vfunc[107]:	QWidget::focusNextPrevChild(bool)
vfunc[108]:	QWidget::setKeyCompression(bool)
vfunc[109]:	QWidget::setMicroFocusHint(int, int, int, int, bool, QFont*)
vfunc[110]:	QSplashScreen::drawContents(QPainter*)

 © 2008 Linux Foundation

The Run Time Type Information for the QSplashScreen class is described by Table 18-662

Table 18-662 typeinfo for QSplashScreen

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSplashScreen
basetype:	typeinfo for QWidget

18.2.36.3 Class data for QAccel

The virtual table for the QAccel class is described by Table 18-663

Table 18-663 Primary vtable for QAccel

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAccel
vfunc[0]:	NULL or QAccel::metaObject() const
vfunc[1]:	QAccel::className() const
vfunc[2]:	QAccel::qt_cast(char const*)
vfunc[3]:	QAccel::qt_invoke(int, QUObject*)
vfunc[4]:	QAccel::qt_emit(int, QUObject*)
vfunc[5]:	QAccel::qt_property(int, int, QVariant*)
vfunc[6]:	QAccel::~QAccel()
vfunc[7]:	QAccel::~QAccel()
vfunc[8]:	QObject::event(QEvent*)
vfunc[9]:	QAccel::eventFilter(QObject*, QEvent*)
vfunc[10]:	QObject::setName(char const*)
vfunc[11]:	QObject::insertChild(QObject*)
vfunc[12]:	QObject::removeChild(QObject*)
vfunc[13]:	QObject::setProperty(char const*, QVariant const&)
vfunc[14]:	QObject::property(char const*) const
vfunc[15]:	QObject::timerEvent(QTimerEvent*)
vfunc[16]:	QObject::childEvent(QChildEvent*)
vfunc[17]:	QObject::customEvent(QCustomEvent*)
vfunc[18]:	QObject::connectNotify(char const*)
vfunc[19]:	QObject::disconnectNotify(char const*)
vfunc[20]:	QObject::checkConnectArgs(char const*, QObject const*, char const*)

The Run Time Type Information for the QAccel class is described by Table 18-664

Table 18-664 typeinfo for QAccel

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAccel
basetype:	typeinfo for QObject

18.2.36.4 Interfaces for Qt3 Miscellaneous

An LSB conforming implementation shall provide the generic functions for Qt3 Miscellaneous specified in Table 18-665, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-665 libqt-mt - Qt3 Miscellaneous Function Interfaces

_ZN10QFocusData4homeEv [qt-mt]	_ZN10QFocusData4nextEv [qt-mt]
_ZN10QFocusData4prevEv [qt-mt]	_ZN12QKeySequence12decodeStringERK7QString [qt-mt]
_ZN12QKeySequence12encodeStringEi [qt-mt]	_ZN12QKeySequence6assignE7QString [qt-mt]
_ZN12QKeySequence6setKeyEii [qt-mt]	_ZN12QKeySequenceC1ERK7QString [qt-mt]
ZN12QKeySequenceC1ERKS [qt-mt]	_ZN12QKeySequenceC1Ei [qt-mt]
_ZN12QKeySequenceC1Eiiii [qt-mt]	_ZN12QKeySequenceC1Ev [qt-mt]
_ZN12QKeySequenceC2ERK7QString [qt-mt]	_ZN12QKeySequenceC2ERKS_ [qt-mt]
_ZN12QKeySequenceC2Ei [qt-mt]	_ZN12QKeySequenceC2Eiiii [qt-mt]
_ZN12QKeySequenceC2Ev [qt-mt]	_ZN12QKeySequenceD1Ev [qt-mt]
_ZN12QKeySequenceD2Ev [qt-mt]	_ZN12QKeySequenceaSERKS_ [qt-mt]
_ZN13QRangeControl10stepChangeEv [qt-mt]	_ZN13QRangeControl11rangeChangeEv [qt-mt]
_ZN13QRangeControl11setMaxValueEi [qt-mt]	_ZN13QRangeControl11setMinValueEi [qt-mt]
_ZN13QRangeControl11valueChangeEv [qt-mt]	_ZN13QRangeControl12subtractLineEv [qt-mt]
_ZN13QRangeControl12subtractPageEv [qt-mt]	_ZN13QRangeControl14directSetValueEi [qt-mt]
_ZN13QRangeControl7addLineEv [qt-mt]	_ZN13QRangeControl7addPageEv [qt-mt]
_ZN13QRangeControl8setRangeEii [qt-mt]	_ZN13QRangeControl8setStepsEii [qt-mt]
_ZN13QRangeControl8setValueEi [qt-mt]	_ZN13QRangeControlC1Eiiiii [qt-mt]
_ZN13QRangeControlC1Ev [qt-mt]	_ZN13QRangeControlC2Eiiiii [qt-

 © 2008 Linux Foundation

	mt]
_ZN13QRangeControlC2Ev [qt-mt]	_ZN13QRangeControlD0Ev [qt-mt]
_ZN13QRangeControlD1Ev [qt-mt]	_ZN13QRangeControlD2Ev [qt-mt]
_ZN13QSplashScreen11qt_property EiiP8QVariant [qt-mt]	_ZN13QSplashScreen12drawConten tsEP8QPainter [qt-mt]
_ZN13QSplashScreen12drawConten tsEv [qt-mt]	_ZN13QSplashScreen14messageCha ngedERK7QString [qt-mt]
_ZN13QSplashScreen15mousePress EventEP11QMouseEvent [qt-mt]	_ZN13QSplashScreen16staticMetaO bjectEv [qt-mt]
_ZN13QSplashScreen18qt_static_pro pertyEP7QObjectiiP8QVariant [qt-mt]	_ZN13QSplashScreen2trEPKcS1_ [qt-mt]
_ZN13QSplashScreen5clearEv [qt-mt]	_ZN13QSplashScreen6finishEP7QWi dget [qt-mt]
_ZN13QSplashScreen6trUtf8EPKcS1 _ [qt-mt]	_ZN13QSplashScreen7messageERK7 QStringiRK6QColor [qt-mt]
_ZN13QSplashScreen7qt_castEPKc [qt-mt]	_ZN13QSplashScreen7qt_emitEiP8Q UObject [qt-mt]
_ZN13QSplashScreen7repaintEv [qt-mt]	_ZN13QSplashScreen9qt_invokeEiP 8QUObject [qt-mt]
_ZN13QSplashScreen9setPixmapER K7QPixmap [qt-mt]	_ZN13QSplashScreenC1ERK7QPixm apj [qt-mt]
_ZN13QSplashScreenC2ERK7QPixm apj [qt-mt]	_ZN13QSplashScreenD0Ev [qt-mt]
_ZN13QSplashScreenD1Ev [qt-mt]	_ZN13QSplashScreenD2Ev [qt-mt]
_ZN6QAccel10insertItemERK12QKe ySequencei [qt-mt]	_ZN6QAccel10removeItemEi [qt-mt]
_ZN6QAccel10setEnabledEb [qt-mt]	_ZN6QAccel11connectItemEiPK7QO bjectPKc [qt-mt]
_ZN6QAccel11eventFilterEP7QObje ctP6QEvent [qt-mt]	_ZN6QAccel11keyToStringE12QKey Sequence [qt-mt]
_ZN6QAccel11qt_propertyEiiP8QVa riant [qt-mt]	_ZN6QAccel11shortcutKeyERK7QSt ring [qt-mt]
_ZN6QAccel11stringToKeyERK7QSt ring [qt-mt]	_ZN6QAccel12setWhatsThisEiRK7Q String [qt-mt]
_ZN6QAccel14disconnectItemEiPK7 QObjectPKc [qt-mt]	_ZN6QAccel14setItemEnabledEib [qt-mt]
_ZN6QAccel16staticMetaObjectEv [qt-mt]	_ZN6QAccel17repairEventFilterEv [qt-mt]
_ZN6QAccel18qt_static_propertyEP 7QObjectiiP8QVariant [qt-mt]	_ZN6QAccel18setIgnoreWhatsThisE b [qt-mt]
_ZN6QAccel20activatedAmbiguousl yEi [qt-mt]	_ZN6QAccel2trEPKcS1_ [qt-mt]
_ZN6QAccel3keyEi [qt-mt]	_ZN6QAccel5clearEv [qt-mt]
ZN6QAccel6trUtf8EPKcS1 [qt-mt]	_ZN6QAccel7qt_castEPKc [qt-mt]

_ZN6QAccel7qt_emitEiP8QUObject [qt-mt]	_ZN6QAccel9activatedEi [qt-mt]
_ZN6QAccel9qt_invokeEiP8QUObject [qt-mt]	_ZN6QAccelC1EP7QWidgetP7QObjectPKc [qt-mt]
_ZN6QAccelC1EP7QWidgetPKc [qt-mt]	_ZN6QAccelC2EP7QWidgetP7QObjectPKc [qt-mt]
_ZN6QAccelC2EP7QWidgetPKc [qt-mt]	_ZN6QAccelD0Ev [qt-mt]
_ZN6QAccelD1Ev [qt-mt]	_ZN6QAccelD2Ev [qt-mt]
_ZN7QCursor10initializeEv [qt-mt]	_ZN7QCursor3posEv [qt-mt]
_ZN7QCursor6setPosEii [qt-mt]	_ZN7QCursor7cleanupEv [qt-mt]
_ZN7QCursor8find_curEi [qt-mt]	_ZN7QCursor8setShapeEi [qt-mt]
_ZN7QCursor9setBitmapERK7QBitmapS2_ii [qt-mt]	_ZN7QCursor9x11ScreenEv [qt-mt]
_ZN7QCursorC1ERK7QBitmapS2_ii [qt-mt]	_ZN7QCursorC1ERK7QPixmapii [qt-mt]
ZN7QCursorC1ERKS [qt-mt]	_ZN7QCursorC1Ei [qt-mt]
_ZN7QCursorC1Em [qt-mt]	_ZN7QCursorC1Ev [qt-mt]
_ZN7QCursorC2ERK7QBitmapS2_ii [qt-mt]	_ZN7QCursorC2ERK7QPixmapii [qt-mt]
ZN7QCursorC2ERKS [qt-mt]	_ZN7QCursorC2Ei [qt-mt]
_ZN7QCursorC2Em [qt-mt]	_ZN7QCursorC2Ev [qt-mt]
_ZN7QCursorD1Ev [qt-mt]	_ZN7QCursorD2Ev [qt-mt]
ZN7QCursoraSERKS [qt-mt]	_ZN7QRegExp10caretIndexEiNS_9CaretModeE [qt-mt]
_ZN7QRegExp10setMinimalEb [qt-mt]	_ZN7QRegExp10setPatternERK7QString [qt-mt]
_ZN7QRegExp11errorStringEv [qt-mt]	_ZN7QRegExp11setWildcardEb [qt-mt]
_ZN7QRegExp13capturedTextsEv [qt-mt]	_ZN7QRegExp16invalidateEngineEv [qt-mt]
_ZN7QRegExp16setCaseSensitiveEb [qt-mt]	_ZN7QRegExp3capEi [qt-mt]
_ZN7QRegExp3posEi [qt-mt]	_ZN7QRegExp6escapeERK7QString [qt-mt]
_ZN7QRegExpC1ERK7QStringbb [qt-mt]	_ZN7QRegExpC1ERKS_ [qt-mt]
_ZN7QRegExpC1Ev [qt-mt]	_ZN7QRegExpC2ERK7QStringbb [qt-mt]
ZN7QRegExpC2ERKS [qt-mt]	_ZN7QRegExpC2Ev [qt-mt]
_ZN7QRegExpD1Ev [qt-mt]	_ZN7QRegExpD2Ev [qt-mt]
ZN7QRegExpaSERKS [qt-mt]	_ZNK10QFocusData4lastEv [qt-mt]
_ZNK10QFocusData5firstEv [qt-mt]	_ZNK12QKeySequence5countEv [qt-mt]

 © 2008 Linux Foundation

_ZNK12QKeySequence7isEmptyEv [qt-mt]	_ZNK12QKeySequence7matchesERKS_ [qt-mt]
_ZNK12QKeySequencecv7QStringEv [qt-mt]	_ZNK12QKeySequencecviEv [qt-mt]
ZNK12QKeySequenceeqERKS [qt-mt]	_ZNK12QKeySequenceixEj [qt-mt]
ZNK12QKeySequenceneERKS [qt-mt]	_ZNK13QRangeControl17positionFromValueEii [qt-mt]
_ZNK13QRangeControl17valueFromPositionEii [qt-mt]	_ZNK13QRangeControl5boundEi [qt-mt]
_ZNK13QSplashScreen6pixmapEv [qt-mt]	_ZNK13QSplashScreen9classNameEv [qt-mt]
_ZNK6QAccel13isItemEnabledEi [qt-mt]	_ZNK6QAccel15ignoreWhatsThisEv [qt-mt]
_ZNK6QAccel5countEv [qt-mt]	_ZNK6QAccel7findKeyERK12QKeySequence [qt-mt]
_ZNK6QAccel9classNameEv [qt-mt]	_ZNK6QAccel9isEnabledEv [qt-mt]
_ZNK6QAccel9whatsThisEi [qt-mt]	_ZNK7QCursor4maskEv [qt-mt]
_ZNK7QCursor5shapeEv [qt-mt]	_ZNK7QCursor6bitmapEv [qt-mt]
_ZNK7QCursor6handleEv [qt-mt]	_ZNK7QCursor6updateEv [qt-mt]
_ZNK7QCursor7hotSpotEv [qt-mt]	_ZNK7QRegExp10exactMatchERK7QString [qt-mt]
_ZNK7QRegExp11numCapturesEv [qt-mt]	_ZNK7QRegExp13caseSensitiveEv [qt-mt]
_ZNK7QRegExp13matchedLengthEv [qt-mt]	_ZNK7QRegExp13prepareEngineEv [qt-mt]
_ZNK7QRegExp21prepareEngineForMatchERK7QString [qt-mt]	_ZNK7QRegExp5matchERK7QStringiPib [qt-mt]
_ZNK7QRegExp6searchERK7QStringi [qt-mt]	_ZNK7QRegExp6searchERK7QStringiNS_9CaretModeE [qt-mt]
_ZNK7QRegExp7isEmptyEv [qt-mt]	_ZNK7QRegExp7isValidEv [qt-mt]
_ZNK7QRegExp7minimalEv [qt-mt]	_ZNK7QRegExp7patternEv [qt-mt]
_ZNK7QRegExp8wildcardEv [qt-mt]	_ZNK7QRegExp9searchRevERK7QStringi [qt-mt]
_ZNK7QRegExp9searchRevERK7QStringiNS_9CaretModeE [qt-mt]	_ZNK7QRegExpeqERKS_ [qt-mt]

An LSB conforming implementation shall provide the generic data interfaces for Qt3 Miscellaneous specified in Table 18-666, with the full mandatory functionality as described in the referenced underlying specification.

Table 18-666 libqt-mt - Qt3 Miscellaneous Data Interfaces

_ZN13QSplashScreen7metaObjE [qt-mt]	_ZN6QAccel7metaObjE [qt-mt]
_ZTI13QRangeControl [CXXABI]	_ZTI13QSplashScreen [CXXABI]
_ZTI6QAccel [CXXABI]	_ZTV13QRangeControl [CXXABI]

_ZTV13QSplashScreen [CXXABI]	_ZTV6QAccel [CXXABI]

 © 2008 Linux Foundation

XIV XML2 library

19 Libraries

19.1 Interfaces for libxml2

Table 19-1 defines the library name and shared object name for the libxml2 library

Table 19-1 libxml2 Definition

Library:	libxml2
SONAME:	libxml2.so.2

The behavior of the interfaces in this library is specified by the following specifications:

[libXML2] Reference Manual for libxml2

19.1.1 The XML C parser and toolkit for XML processing

19.1.1.1 Interfaces for The XML C parser and toolkit for XML processing

An LSB conforming implementation shall provide the generic functions for The XML C parser and toolkit for XML processing specified in Table 19-2, with the full mandatory functionality as described in the referenced underlying specification.

Table 19-2 libxml2 - The XML C parser and toolkit for XML processing Function Interfaces

UTF8ToHtml [libXML2]	UTF8Toisolat1 [libXML2]	__docbDefaultSAXHandler [libXML2]
__htmlDefaultSAXHandler [libXML2]	__oldXMLWDcompatibility [libXML2]	__xmlBufferAllocScheme [libXML2]
__xmlDefaultBufferSize [libXML2]	__xmlDefaultSAXHandler [libXML2]	__xmlDefaultSAXLocator [libXML2]
__xmlDeregisterNodeDefaultValue [libXML2]	__xmlDoValidityCheckingDefaultValue [libXML2]	__xmlGenericError [libXML2]
__xmlGenericErrorContext [libXML2]	__xmlGetWarningsDefaultValue [libXML2]	__xmlIndentTreeOutput [libXML2]
__xmlKeepBlanksDefaultValue [libXML2]	__xmlLastError [libXML2]	__xmlLineNumbersDefaultValue [libXML2]
__xmlLoadExtDtdDefaultValue [libXML2]	__xmlOutputBufferCreateFilenameValue [libXML2]	__xmlParserDebugEntities [libXML2]
__xmlParserInputBufferCreateFilenameValue [libXML2]	__xmlParserVersion [libXML2]	__xmlPedanticParserDefaultValue [libXML2]
__xmlRegisterNodeDefaultValue [libXML2]	__xmlSaveNoEmptyTags [libXML2]	__xmlStructuredError [libXML2]

__xmlSubstituteEntitiesDefaultValue [libXML2]	__xmlTreeIndentString [libXML2]	docbDefaultSAXHandlerInit [libXML2]
htmlAttrAllowed [libXML2]	htmlAutoCloseTag [libXML2]	htmlCreateFileParserCtxt [libXML2]
htmlCreateMemoryParserCtxt [libXML2]	htmlCreatePushParserCtxt [libXML2]	htmlCtxtReadDoc [libXML2]
htmlCtxtReadFd [libXML2]	htmlCtxtReadFile [libXML2]	htmlCtxtReadIO [libXML2]
htmlCtxtReadMemory [libXML2]	htmlCtxtReset [libXML2]	htmlCtxtUseOptions [libXML2]
htmlDefaultSAXHandlerInit [libXML2]	htmlDocContentDumpFormatOutput [libXML2]	htmlDocContentDumpOutput [libXML2]
htmlDocDump [libXML2]	htmlDocDumpMemory [libXML2]	htmlElementAllowedHere [libXML2]
htmlElementStatusHere [libXML2]	htmlEncodeEntities [libXML2]	htmlEntityLookup [libXML2]
htmlEntityValueLookup [libXML2]	htmlFreeParserCtxt [libXML2]	htmlGetMetaEncoding [libXML2]
htmlHandleOmittedElem [libXML2]	htmlInitAutoClose [libXML2]	htmlIsAutoClosed [libXML2]
htmlIsBooleanAttr [libXML2]	htmlIsScriptAttribute [libXML2]	htmlNewDoc [libXML2]
htmlNewDocNoDtD [libXML2]	htmlNodeDump [libXML2]	htmlNodeDumpFile [libXML2]
htmlNodeDumpFileFormat [libXML2]	htmlNodeDumpFormatOutput [libXML2]	htmlNodeDumpOutput [libXML2]
htmlParseCharRef [libXML2]	htmlParseChunk [libXML2]	htmlParseDoc [libXML2]
htmlParseDocument [libXML2]	htmlParseElement [libXML2]	htmlParseEntityRef [libXML2]
htmlParseFile [libXML2]	htmlReadDoc [libXML2]	htmlReadFd [libXML2]
htmlReadFile [libXML2]	htmlReadIO [libXML2]	htmlReadMemory [libXML2]
htmlSAXParseDoc [libXML2]	htmlSAXParseFile [libXML2]	htmlSaveFile [libXML2]
htmlSaveFileEnc [libXML2]	htmlSaveFileFormat [libXML2]	htmlSetMetaEncoding [libXML2]
htmlTagLookup [libXML2]	initGenericErrorDefaultFunc [libXML2]	inputPop [libXML2]
inputPush [libXML2]	isolat1ToUTF8 [libXML2]	namePop [libXML2]
namePush [libXML2]	nodePop [libXML2]	nodePush [libXML2]
valuePop [libXML2]	valuePush [libXML2]	xmlACatalogAdd

		[libXML2]
xmlACatalogDump [libXML2]	xmlACatalogRemove [libXML2]	xmlACatalogResolve [libXML2]
xmlACatalogResolvePublic [libXML2]	xmlACatalogResolveSystem [libXML2]	xmlACatalogResolveURI [libXML2]
xmlAddAttributeDecl [libXML2]	xmlAddChild [libXML2]	xmlAddChildList [libXML2]
xmlAddDocEntity [libXML2]	xmlAddDtdEntity [libXML2]	xmlAddElementDecl [libXML2]
xmlAddEncodingAlias [libXML2]	xmlAddID [libXML2]	xmlAddNextSibling [libXML2]
xmlAddNotationDecl [libXML2]	xmlAddPrevSibling [libXML2]	xmlAddRef [libXML2]
xmlAddSibling [libXML2]	xmlAllocOutputBuffer [libXML2]	xmlAllocParserInputBuffer [libXML2]
xmlAttrSerializeTxtContent [libXML2]	xmlAutomataCompile [libXML2]	xmlAutomataGetInitState [libXML2]
xmlAutomataIsDeterminist [libXML2]	xmlAutomataNewAllTrans [libXML2]	xmlAutomataNewCountTrans [libXML2]
xmlAutomataNewCountTrans2 [libXML2]	xmlAutomataNewCountedTrans [libXML2]	xmlAutomataNewCounter [libXML2]
xmlAutomataNewCounterTrans [libXML2]	xmlAutomataNewEpsilon [libXML2]	xmlAutomataNewNegTrans [libXML2]
xmlAutomataNewOnceTrans [libXML2]	xmlAutomataNewOnceTrans2 [libXML2]	xmlAutomataNewState [libXML2]
xmlAutomataNewTransition [libXML2]	xmlAutomataNewTransition2 [libXML2]	xmlAutomataSetFinalState [libXML2]
xmlBoolToText [libXML2]	xmlBufferAdd [libXML2]	xmlBufferAddHead [libXML2]
xmlBufferCCat [libXML2]	xmlBufferCat [libXML2]	xmlBufferContent [libXML2]
xmlBufferCreate [libXML2]	xmlBufferCreateSize [libXML2]	xmlBufferCreateStatic [libXML2]
xmlBufferDump [libXML2]	xmlBufferEmpty [libXML2]	xmlBufferFree [libXML2]
xmlBufferGrow [libXML2]	xmlBufferLength [libXML2]	xmlBufferResize [libXML2]
xmlBufferSetAllocationScheme [libXML2]	xmlBufferShrink [libXML2]	xmlBufferWriteCHAR [libXML2]
xmlBufferWriteChar [libXML2]	xmlBufferWriteQuotedString [libXML2]	xmlBuildQName [libXML2]
xmlBuildRelativeURI [libXML2]	xmlBuildURI [libXML2]	xmlByteConsumed [libXML2]
xmlC14NDocDumpMemory [libXML2]	xmlC14NDocSave [libXML2]	xmlC14NDocSaveTo [libXML2]

xmlC14NExecute [libXML2]	xmlCanonicPath [libXML2]	xmlCatalogAdd [libXML2]
xmlCatalogAddLocal [libXML2]	xmlCatalogCleanup [libXML2]	xmlCatalogConvert [libXML2]
xmlCatalogDump [libXML2]	xmlCatalogFreeLocal [libXML2]	xmlCatalogGetDefaults [libXML2]
xmlCatalogIsEmpty [libXML2]	xmlCatalogLocalResolve [libXML2]	xmlCatalogLocalResolveURI [libXML2]
xmlCatalogRemove [libXML2]	xmlCatalogResolve [libXML2]	xmlCatalogResolvePublic [libXML2]
xmlCatalogResolveSystem [libXML2]	xmlCatalogResolveURI [libXML2]	xmlCatalogSetDebug [libXML2]
xmlCatalogSetDefaultPrefer [libXML2]	xmlCatalogSetDefaults [libXML2]	xmlCharEncCloseFunc [libXML2]
xmlCharEncFirstLine [libXML2]	xmlCharEncInFunc [libXML2]	xmlCharEncOutFunc [libXML2]
xmlCharStrdup [libXML2]	xmlCharStrndup [libXML2]	xmlCheckFilename [libXML2]
xmlCheckHTTPInput [libXML2]	xmlCheckUTF8 [libXML2]	xmlCheckVersion [libXML2]
xmlCleanupCharEncodingHandlers [libXML2]	xmlCleanupEncodingAliases [libXML2]	xmlCleanupGlobals [libXML2]
xmlCleanupInputCallbacks [libXML2]	xmlCleanupMemory [libXML2]	xmlCleanupOutputCallbacks [libXML2]
xmlCleanupParser [libXML2]	xmlCleanupThreads [libXML2]	xmlClearNodeInfoSeq [libXML2]
xmlClearParserCtxt [libXML2]	xmlConvertSGMLCatalog [libXML2]	xmlCopyAttributeTable [libXML2]
xmlCopyChar [libXML2]	xmlCopyCharMultiByte [libXML2]	xmlCopyDoc [libXML2]
xmlCopyDocElementContent [libXML2]	xmlCopyDtd [libXML2]	xmlCopyElementTable [libXML2]
xmlCopyEntitiesTable [libXML2]	xmlCopyEnumeration [libXML2]	xmlCopyError [libXML2]
xmlCopyNamespace [libXML2]	xmlCopyNamespaceList [libXML2]	xmlCopyNode [libXML2]
xmlCopyNodeList [libXML2]	xmlCopyNotationTable [libXML2]	xmlCopyProp [libXML2]
xmlCopyPropList [libXML2]	xmlCreateDocParserCtxt [libXML2]	xmlCreateEntityParserCtxt [libXML2]
xmlCreateEnumeration [libXML2]	xmlCreateFileParserCtxt [libXML2]	xmlCreateIOParserCtxt [libXML2]
xmlCreateIntSubset [libXML2]	xmlCreateMemoryParserCtxt [libXML2]	xmlCreatePushParserCtxt [libXML2]
xmlCreateURI [libXML2]	xmlCreateURLParserCtxt [libXML2]	xmlCtxtGetLastError [libXML2]

xmlCtxtReadDoc [libXML2]	xmlCtxtReadFd [libXML2]	xmlCtxtReadFile [libXML2]
xmlCtxtReadIO [libXML2]	xmlCtxtReadMemory [libXML2]	xmlCtxtReset [libXML2]
xmlCtxtResetLastError [libXML2]	xmlCtxtResetPush [libXML2]	xmlCtxtUseOptions [libXML2]
xmlCurrentChar [libXML2]	xmlDOMWrapFreeCtxt [libXML2]	xmlDOMWrapNewCtxt [libXML2]
xmlDebugCheckDocument [libXML2]	xmlDebugDumpAttr [libXML2]	xmlDebugDumpAttrList [libXML2]
xmlDebugDumpDTD [libXML2]	xmlDebugDumpDocument [libXML2]	xmlDebugDumpDocumentHead [libXML2]
xmlDebugDumpEntities [libXML2]	xmlDebugDumpNode [libXML2]	xmlDebugDumpNodeList [libXML2]
xmlDebugDumpOneNode [libXML2]	xmlDebugDumpString [libXML2]	xmlDefaultSAXHandlerInit [libXML2]
xmlDelEncodingAlias [libXML2]	xmlDeregisterNodeDefault [libXML2]	xmlDetectCharEncoding [libXML2]
xmlDictCleanup [libXML2]	xmlDictCreate [libXML2]	xmlDictCreateSub [libXML2]
xmlDictExists [libXML2]	xmlDictFree [libXML2]	xmlDictLookup [libXML2]
xmlDictOwns [libXML2]	xmlDictQLookup [libXML2]	xmlDictReference [libXML2]
xmlDictSize [libXML2]	xmlDocCopyNode [libXML2]	xmlDocCopyNodeList [libXML2]
xmlDocDump [libXML2]	xmlDocDumpFormatMemory [libXML2]	xmlDocDumpFormatMemoryEnc [libXML2]
xmlDocDumpMemory [libXML2]	xmlDocDumpMemoryEnc [libXML2]	xmlDocFormatDump [libXML2]
xmlDocGetRootElement [libXML2]	xmlDocSetRootElement [libXML2]	xmlDumpAttributeDecl [libXML2]
xmlDumpAttributeTable [libXML2]	xmlDumpElementDecl [libXML2]	xmlDumpElementTable [libXML2]
xmlDumpEntitiesTable [libXML2]	xmlDumpEntityDecl [libXML2]	xmlDumpNotationDecl [libXML2]
xmlDumpNotationTable [libXML2]	xmlElemDump [libXML2]	xmlEncodeEntitiesReentrant [libXML2]
xmlEncodeSpecialChars [libXML2]	xmlExpCtxtNbCons [libXML2]	xmlExpCtxtNbNodes [libXML2]
xmlExpDump [libXML2]	xmlExpExpDerive [libXML2]	xmlExpFree [libXML2]
xmlExpFreeCtxt [libXML2]	xmlExpGetLanguage [libXML2]	xmlExpGetStart [libXML2]
xmlExpIsNillable [libXML2]	xmlExpMaxToken [libXML2]	xmlExpNewAtom [libXML2]

xmlExpNewCtxt [libXML2]	xmlExpNewOr [libXML2]	xmlExpNewRange [libXML2]
xmlExpNewSeq [libXML2]	xmlExpParse [libXML2]	xmlExpRef [libXML2]
xmlExpStringDerive [libXML2]	xmlExpSubsume [libXML2]	xmlFileClose [libXML2]
xmlFileMatch [libXML2]	xmlFileOpen [libXML2]	xmlFileRead [libXML2]
xmlFindCharEncoding Handler [libXML2]	xmlFreeAttributeTable [libXML2]	xmlFreeAutomata [libXML2]
xmlFreeCatalog [libXML2]	xmlFreeDoc [libXML2]	xmlFreeDocElementCo ntent [libXML2]
xmlFreeDtd [libXML2]	xmlFreeElementTable [libXML2]	xmlFreeEntitiesTable [libXML2]
xmlFreeEnumeration [libXML2]	xmlFreeIDTable [libXML2]	xmlFreeInputStream [libXML2]
xmlFreeMutex [libXML2]	xmlFreeNode [libXML2]	xmlFreeNodeList [libXML2]
xmlFreeNotationTable [libXML2]	xmlFreeNs [libXML2]	xmlFreeNsList [libXML2]
xmlFreeParserCtxt [libXML2]	xmlFreeParserInputBuf fer [libXML2]	xmlFreePattern [libXML2]
xmlFreePatternList [libXML2]	xmlFreeProp [libXML2]	xmlFreePropList [libXML2]
xmlFreeRMutex [libXML2]	xmlFreeRefTable [libXML2]	xmlFreeStreamCtxt [libXML2]
xmlFreeTextReader [libXML2]	xmlFreeTextWriter [libXML2]	xmlFreeURI [libXML2]
xmlFreeValidCtxt [libXML2]	xmlGcMemGet [libXML2]	xmlGcMemSetup [libXML2]
xmlGetBufferAllocatio nScheme [libXML2]	xmlGetCharEncodingH andler [libXML2]	xmlGetCharEncodingN ame [libXML2]
xmlGetCompressMode [libXML2]	xmlGetDocCompressM ode [libXML2]	xmlGetDocEntity [libXML2]
xmlGetDtdAttrDesc [libXML2]	xmlGetDtdElementDes c [libXML2]	xmlGetDtdEntity [libXML2]
xmlGetDtdNotationDe sc [libXML2]	xmlGetDtdQAttrDesc [libXML2]	xmlGetDtdQElementD esc [libXML2]
xmlGetEncodingAlias [libXML2]	xmlGetExternalEntityL oader [libXML2]	xmlGetGlobalState [libXML2]
xmlGetID [libXML2]	xmlGetIntSubset [libXML2]	xmlGetLastChild [libXML2]
xmlGetLastError [libXML2]	xmlGetLineNo [libXML2]	xmlGetNoNsProp [libXML2]
xmlGetNodePath [libXML2]	xmlGetNsList [libXML2]	xmlGetNsProp [libXML2]

© 2008 Linux Foundation

xmlGetParameterEntity [libXML2]	xmlGetPredefinedEntity [libXML2]	xmlGetProp [libXML2]
xmlGetRefs [libXML2]	xmlGetThreadId [libXML2]	xmlGetUTF8Char [libXML2]
xmlHasFeature [libXML2]	xmlHasNsProp [libXML2]	xmlHasProp [libXML2]
xmlHashAddEntry [libXML2]	xmlHashAddEntry2 [libXML2]	xmlHashAddEntry3 [libXML2]
xmlHashCopy [libXML2]	xmlHashCreate [libXML2]	xmlHashCreateDict [libXML2]
xmlHashFree [libXML2]	xmlHashLookup [libXML2]	xmlHashLookup2 [libXML2]
xmlHashLookup3 [libXML2]	xmlHashQLookup [libXML2]	xmlHashQLookup2 [libXML2]
xmlHashQLookup3 [libXML2]	xmlHashRemoveEntry [libXML2]	xmlHashRemoveEntry 2 [libXML2]
xmlHashRemoveEntry 3 [libXML2]	xmlHashScan [libXML2]	xmlHashScan3 [libXML2]
xmlHashScanFull [libXML2]	xmlHashScanFull3 [libXML2]	xmlHashSize [libXML2]
xmlHashUpdateEntry [libXML2]	xmlHashUpdateEntry2 [libXML2]	xmlHashUpdateEntry3 [libXML2]
xmlIOFTPClose [libXML2]	xmlIOFTPMatch [libXML2]	xmlIOFTPOpen [libXML2]
xmlIOFTPRead [libXML2]	xmlIOHTTPClose [libXML2]	xmlIOHTTPMatch [libXML2]
xmlIOHTTPOpen [libXML2]	xmlIOHTTPOpenW [libXML2]	xmlIOHTTPRead [libXML2]
xmlIOParseDTD [libXML2]	xmlInitCharEncodingHandlers [libXML2]	xmlInitGlobals [libXML2]
xmlInitMemory [libXML2]	xmlInitNodeInfoSeq [libXML2]	xmlInitParser [libXML2]
xmlInitParserCtxt [libXML2]	xmlInitThreads [libXML2]	xmlInitializeCatalog [libXML2]
xmlInitializeGlobalState [libXML2]	xmlIsBlankNode [libXML2]	xmlIsID [libXML2]
xmlIsLetter [libXML2]	xmlIsMainThread [libXML2]	xmlIsMixedElement [libXML2]
xmlIsRef [libXML2]	xmlIsXHTML [libXML2]	xmlKeepBlanksDefault [libXML2]
xmlLineNumbersDefault [libXML2]	xmlLinkGetData [libXML2]	xmlListAppend [libXML2]
xmlListClear [libXML2]	xmlListCopy [libXML2]	xmlListCreate [libXML2]
xmlListDelete [libXML2]	xmlListDup [libXML2]	xmlListEmpty [libXML2]

xmlListEnd [libXML2]	xmlListFront [libXML2]	xmlListInsert [libXML2]
xmlListMerge [libXML2]	xmlListPopBack [libXML2]	xmlListPopFront [libXML2]
xmlListPushBack [libXML2]	xmlListPushFront [libXML2]	xmlListRemoveAll [libXML2]
xmlListRemoveFirst [libXML2]	xmlListRemoveLast [libXML2]	xmlListReverse [libXML2]
xmlListReverseSearch [libXML2]	xmlListReverseWalk [libXML2]	xmlListSearch [libXML2]
xmlListSize [libXML2]	xmlListSort [libXML2]	xmlListWalk [libXML2]
xmlLoadACatalog [libXML2]	xmlLoadCatalog [libXML2]	xmlLoadCatalogs [libXML2]
xmlLoadExternalEntity [libXML2]	xmlLoadSGMLSuperCatalog [libXML2]	xmlLockLibrary [libXML2]
xmlLsCountNode [libXML2]	xmlLsOneNode [libXML2]	xmlMallocAtomicLoc [libXML2]
xmlMallocLoc [libXML2]	xmlMemBlocks [libXML2]	xmlMemDisplay [libXML2]
xmlMemFree [libXML2]	xmlMemGet [libXML2]	xmlMemMalloc [libXML2]
xmlMemRealloc [libXML2]	xmlMemSetup [libXML2]	xmlMemShow [libXML2]
xmlMemStrdupLoc [libXML2]	xmlMemUsed [libXML2]	xmlMemoryDump [libXML2]
xmlMemoryStrdup [libXML2]	xmlModuleClose [libXML2]	xmlModuleFree [libXML2]
xmlModuleOpen [libXML2]	xmlModuleSymbol [libXML2]	xmlMutexLock [libXML2]
xmlMutexUnlock [libXML2]	xmlNewAutomata [libXML2]	xmlNewCDataBlock [libXML2]
xmlNewCatalog [libXML2]	xmlNewCharEncodingHandler [libXML2]	xmlNewCharRef [libXML2]
xmlNewChild [libXML2]	xmlNewComment [libXML2]	xmlNewDoc [libXML2]
xmlNewDocComment [libXML2]	xmlNewDocElementContent [libXML2]	xmlNewDocFragment [libXML2]
xmlNewDocNode [libXML2]	xmlNewDocNodeEatName [libXML2]	xmlNewDocPI [libXML2]
xmlNewDocProp [libXML2]	xmlNewDocRawNode [libXML2]	xmlNewDocText [libXML2]
xmlNewDocTextLen [libXML2]	xmlNewDtd [libXML2]	xmlNewEntityInputStream [libXML2]
xmlNewIOInputStream [libXML2]	xmlNewInputFromFile [libXML2]	xmlNewInputStream [libXML2]

xmlNewMutex [libXML2]	xmlNewNode [libXML2]	xmlNewNodeEatName [libXML2]
xmlNewNs [libXML2]	xmlNewNsProp [libXML2]	xmlNewNsPropEatName [libXML2]
xmlNewPI [libXML2]	xmlNewParserCtxt [libXML2]	xmlNewProp [libXML2]
xmlNewRMutex [libXML2]	xmlNewReference [libXML2]	xmlNewStringInputStream [libXML2]
xmlNewText [libXML2]	xmlNewTextChild [libXML2]	xmlNewTextLen [libXML2]
xmlNewTextReader [libXML2]	xmlNewTextReaderFilename [libXML2]	xmlNewTextWriter [libXML2]
xmlNewTextWriterDoc [libXML2]	xmlNewTextWriterFilename [libXML2]	xmlNewTextWriterMemory [libXML2]
xmlNewTextWriterPushParser [libXML2]	xmlNewTextWriterTree [libXML2]	xmlNewValidCtxt [libXML2]
xmlNextChar [libXML2]	xmlNoNetExternalEntityLoader [libXML2]	xmlNodeAddContent [libXML2]
xmlNodeAddContentLen [libXML2]	xmlNodeBufGetContent [libXML2]	xmlNodeDump [libXML2]
xmlNodeDumpOutput [libXML2]	xmlNodeGetBase [libXML2]	xmlNodeGetContent [libXML2]
xmlNodeGetLang [libXML2]	xmlNodeGetSpacePreserve [libXML2]	xmlNodeIsText [libXML2]
xmlNodeListGetRawString [libXML2]	xmlNodeListGetString [libXML2]	xmlNodeSetBase [libXML2]
xmlNodeSetContent [libXML2]	xmlNodeSetContentLen [libXML2]	xmlNodeSetLang [libXML2]
xmlNodeSetName [libXML2]	xmlNodeSetSpacePreserve [libXML2]	xmlNormalizeURIPath [libXML2]
xmlNormalizeWindowsPath [libXML2]	xmlOutputBufferClose [libXML2]	xmlOutputBufferCreateFd [libXML2]
xmlOutputBufferCreateFile [libXML2]	xmlOutputBufferCreateFilename [libXML2]	xmlOutputBufferCreateFilenameDefault [libXML2]
xmlOutputBufferCreateIO [libXML2]	xmlOutputBufferFlush [libXML2]	xmlOutputBufferWrite [libXML2]
xmlOutputBufferWriteEscape [libXML2]	xmlOutputBufferWriteString [libXML2]	xmlParseAttValue [libXML2]
xmlParseAttribute [libXML2]	xmlParseAttributeListDecl [libXML2]	xmlParseAttributeType [libXML2]
xmlParseBalancedChunkMemory [libXML2]	xmlParseBalancedChunkMemoryRecover [libXML2]	xmlParseCDSect [libXML2]
xmlParseCatalogFile [libXML2]	xmlParseCharData [libXML2]	xmlParseCharEncoding [libXML2]

xmlParseCharRef [libXML2]	xmlParseChunk [libXML2]	xmlParseComment [libXML2]
xmlParseContent [libXML2]	xmlParseCtxtExternalEntity [libXML2]	xmlParseDTD [libXML2]
xmlParseDefaultDecl [libXML2]	xmlParseDoc [libXML2]	xmlParseDocTypeDecl [libXML2]
xmlParseDocument [libXML2]	xmlParseElement [libXML2]	xmlParseElementChildrenContentDecl [libXML2]
xmlParseElementContentDecl [libXML2]	xmlParseElementDecl [libXML2]	xmlParseElementMixedContentDecl [libXML2]
xmlParseEncName [libXML2]	xmlParseEncodingDecl [libXML2]	xmlParseEndTag [libXML2]
xmlParseEntity [libXML2]	xmlParseEntityDecl [libXML2]	xmlParseEntityRef [libXML2]
xmlParseEntityValue [libXML2]	xmlParseEnumeratedType [libXML2]	xmlParseEnumerationType [libXML2]
xmlParseExtParsedEnt [libXML2]	xmlParseExternalEntity [libXML2]	xmlParseExternalID [libXML2]
xmlParseExternalSubset [libXML2]	xmlParseFile [libXML2]	xmlParseInNodeContext [libXML2]
xmlParseMarkupDecl [libXML2]	xmlParseMemory [libXML2]	xmlParseMisc [libXML2]
xmlParseName [libXML2]	xmlParseNmtoken [libXML2]	xmlParseNotationDecl [libXML2]
xmlParseNotationType [libXML2]	xmlParsePEReference [libXML2]	xmlParsePI [libXML2]
xmlParsePITarget [libXML2]	xmlParsePubidLiteral [libXML2]	xmlParseReference [libXML2]
xmlParseSDDecl [libXML2]	xmlParseStartTag [libXML2]	xmlParseSystemLiteral [libXML2]
xmlParseTextDecl [libXML2]	xmlParseURI [libXML2]	xmlParseURIRaw [libXML2]
xmlParseURIReference [libXML2]	xmlParseVersionInfo [libXML2]	xmlParseVersionNum [libXML2]
xmlParseXMLDecl [libXML2]	xmlParserAddNodeInfo [libXML2]	xmlParserError [libXML2]
xmlParserFindNodeInfo [libXML2]	xmlParserFindNodeInfoIndex [libXML2]	xmlParserGetDirectory [libXML2]
xmlParserHandlePEReference [libXML2]	xmlParserInputBufferCreateFd [libXML2]	xmlParserInputBufferCreateFile [libXML2]
xmlParserInputBufferCreateFilename [libXML2]	xmlParserInputBufferCreateFilenameDefault [libXML2]	xmlParserInputBufferCreateIO [libXML2]
xmlParserInputBufferC	xmlParserInputBufferC	xmlParserInputBufferG

reateMem [libXML2]	reateStatic [libXML2]	row [libXML2]
xmlParserInputBufferPush [libXML2]	xmlParserInputBufferRead [libXML2]	xmlParserInputGrow [libXML2]
xmlParserInputRead [libXML2]	xmlParserInputShrink [libXML2]	xmlParserPrintFileContext [libXML2]
xmlParserPrintFileInfo [libXML2]	xmlParserValidityError [libXML2]	xmlParserValidityWarning [libXML2]
xmlParserWarning [libXML2]	xmlPatternFromRoot [libXML2]	xmlPatternGetStreamCtxt [libXML2]
xmlPatternMatch [libXML2]	xmlPatternMaxDepth [libXML2]	xmlPatternMinDepth [libXML2]
xmlPatternStreamable [libXML2]	xmlPatterncompile [libXML2]	xmlPedanticParserDefault [libXML2]
xmlPopInput [libXML2]	xmlPopInputCallbacks [libXML2]	xmlPrintURI [libXML2]
xmlPushInput [libXML2]	xmlRMutexLock [libXML2]	xmlRMutexUnlock [libXML2]
xmlReadDoc [libXML2]	xmlReadFd [libXML2]	xmlReadFile [libXML2]
xmlReadIO [libXML2]	xmlReadMemory [libXML2]	xmlReaderForDoc [libXML2]
xmlReaderForFd [libXML2]	xmlReaderForFile [libXML2]	xmlReaderForIO [libXML2]
xmlReaderForMemory [libXML2]	xmlReaderNewDoc [libXML2]	xmlReaderNewFd [libXML2]
xmlReaderNewFile [libXML2]	xmlReaderNewIO [libXML2]	xmlReaderNewMemory [libXML2]
xmlReaderNewWalker [libXML2]	xmlReaderWalker [libXML2]	xmlReallocLoc [libXML2]
xmlReconciliateNs [libXML2]	xmlRecoverDoc [libXML2]	xmlRecoverFile [libXML2]
xmlRecoverMemory [libXML2]	xmlRegExecErrInfo [libXML2]	xmlRegExecNextValues [libXML2]
xmlRegExecPushString [libXML2]	xmlRegExecPushString2 [libXML2]	xmlRegFreeExecCtxt [libXML2]
xmlRegFreeRegexp [libXML2]	xmlRegNewExecCtxt [libXML2]	xmlRegexpCompile [libXML2]
xmlRegexpExec [libXML2]	xmlRegexpIsDeterminist [libXML2]	xmlRegexpPrint [libXML2]
xmlRegisterCharEncodingHandler [libXML2]	xmlRegisterDefaultInputCallbacks [libXML2]	xmlRegisterDefaultOutputCallbacks [libXML2]
xmlRegisterHTTPPostCallbacks [libXML2]	xmlRegisterInputCallbacks [libXML2]	xmlRegisterNodeDefault [libXML2]
xmlRegisterOutputCallbacks [libXML2]	xmlRelaxNGCleanupTypes [libXML2]	xmlRelaxNGDump [libXML2]

xmlRelaxNGDumpTree [libXML2]	xmlRelaxNGFree [libXML2]	xmlRelaxNGFreeParserCtxt [libXML2]
xmlRelaxNGFreeValidCtxt [libXML2]	xmlRelaxNGGetParserErrors [libXML2]	xmlRelaxNGGetValidErrors [libXML2]
xmlRelaxNGInitTypes [libXML2]	xmlRelaxNGNewDocParserCtxt [libXML2]	xmlRelaxNGNewMemParserCtxt [libXML2]
xmlRelaxNGNewParserCtxt [libXML2]	xmlRelaxNGNewValidCtxt [libXML2]	xmlRelaxNGParse [libXML2]
xmlRelaxNGSetParserErrors [libXML2]	xmlRelaxNGSetValidErrors [libXML2]	xmlRelaxNGSetValidStructuredErrors [libXML2]
xmlRelaxNGValidateDoc [libXML2]	xmlRelaxNGValidateFullElement [libXML2]	xmlRelaxNGValidatePopElement [libXML2]
xmlRelaxNGValidatePushCData [libXML2]	xmlRelaxNGValidatePushElement [libXML2]	xmlRelaxParserSetFlag [libXML2]
xmlRemoveID [libXML2]	xmlRemoveProp [libXML2]	xmlRemoveRef [libXML2]
xmlReplaceNode [libXML2]	xmlResetError [libXML2]	xmlResetLastError [libXML2]
xmlSAX2AttributeDecl [libXML2]	xmlSAX2CDataBlock [libXML2]	xmlSAX2Characters [libXML2]
xmlSAX2Comment [libXML2]	xmlSAX2ElementDecl [libXML2]	xmlSAX2EndDocument [libXML2]
xmlSAX2EndElement [libXML2]	xmlSAX2EndElementNs [libXML2]	xmlSAX2EntityDecl [libXML2]
xmlSAX2ExternalSubset [libXML2]	xmlSAX2GetColumnNumber [libXML2]	xmlSAX2GetEntity [libXML2]
xmlSAX2GetLineNumber [libXML2]	xmlSAX2GetParameterEntity [libXML2]	xmlSAX2GetPublicId [libXML2]
xmlSAX2GetSystemId [libXML2]	xmlSAX2HasExternalSubset [libXML2]	xmlSAX2HasInternalSubset [libXML2]
xmlSAX2IgnorableWhitespace [libXML2]	xmlSAX2InitDefaultSAXHandler [libXML2]	xmlSAX2InitDocbDefaultSAXHandler [libXML2]
xmlSAX2InitHtmlDefaultSAXHandler [libXML2]	xmlSAX2InternalSubset [libXML2]	xmlSAX2IsStandalone [libXML2]
xmlSAX2NotationDecl [libXML2]	xmlSAX2ProcessingInstruction [libXML2]	xmlSAX2Reference [libXML2]
xmlSAX2ResolveEntity [libXML2]	xmlSAX2SetDocumentLocator [libXML2]	xmlSAX2StartDocument [libXML2]
xmlSAX2StartElement [libXML2]	xmlSAX2StartElementNs [libXML2]	xmlSAX2UnparsedEntityDecl [libXML2]
xmlSAXDefaultVersion [libXML2]	xmlSAXParseDTD [libXML2]	xmlSAXParseDoc [libXML2]
xmlSAXParseEntity	xmlSAXParseFile	xmlSAXParseFileWith

[libXML2]	[libXML2]	Data [libXML2]
xmlSAXParseMemory [libXML2]	xmlSAXParseMemory WithData [libXML2]	xmlSAXUserParseFile [libXML2]
xmlSAXUserParseMem ory [libXML2]	xmlSAXVersion [libXML2]	xmlSaveClose [libXML2]
xmlSaveDoc [libXML2]	xmlSaveFile [libXML2]	xmlSaveFileEnc [libXML2]
xmlSaveFileTo [libXML2]	xmlSaveFlush [libXML2]	xmlSaveFormatFile [libXML2]
xmlSaveFormatFileEnc [libXML2]	xmlSaveFormatFileTo [libXML2]	xmlSaveSetAttrEscape [libXML2]
xmlSaveSetEscape [libXML2]	xmlSaveToFd [libXML2]	xmlSaveToFilename [libXML2]
xmlSaveToIO [libXML2]	xmlSaveTree [libXML2]	xmlSaveUri [libXML2]
xmlSchemaCleanupTy pes [libXML2]	xmlSchemaCollapseStri ng [libXML2]	xmlSchemaCompareVa lues [libXML2]
xmlSchemaDump [libXML2]	xmlSchemaFree [libXML2]	xmlSchemaFreeParserC txt [libXML2]
xmlSchemaFreeValidCt xt [libXML2]	xmlSchemaFreeValue [libXML2]	xmlSchemaGetBuiltInT ype [libXML2]
xmlSchemaGetCanonV alue [libXML2]	xmlSchemaGetParserEr rors [libXML2]	xmlSchemaGetValType [libXML2]
xmlSchemaGetValidErr ors [libXML2]	xmlSchemaInitTypes [libXML2]	xmlSchemaIsValid [libXML2]
xmlSchemaNewDocPar serCtxt [libXML2]	xmlSchemaNewMemP arserCtxt [libXML2]	xmlSchemaNewParser Ctxt [libXML2]
xmlSchemaNewValidC txt [libXML2]	xmlSchemaParse [libXML2]	xmlSchemaSAXPlug [libXML2]
xmlSchemaSAXUnplug [libXML2]	xmlSchemaSetParserEr rors [libXML2]	xmlSchemaSetValidErr ors [libXML2]
xmlSchemaSetValidOp tions [libXML2]	xmlSchemaSetValidStr ucturedErrors [libXML2]	xmlSchemaValPredefT ypeNode [libXML2]
xmlSchemaValidCtxtG etOptions [libXML2]	xmlSchemaValidateDo c [libXML2]	xmlSchemaValidateFile [libXML2]
xmlSchemaValidateOn eElement [libXML2]	xmlSchemaValidateStre am [libXML2]	xmlSchematronFree [libXML2]
xmlSchematronFreePar serCtxt [libXML2]	xmlSchematronFreeVal idCtxt [libXML2]	xmlSchematronNewDo cParserCtxt [libXML2]
xmlSchematronNewMe mParserCtxt [libXML2]	xmlSchematronNewPa rserCtxt [libXML2]	xmlSchematronNewVa lidCtxt [libXML2]
xmlSchematronParse [libXML2]	xmlSchematronValidat eDoc [libXML2]	xmlSearchNs [libXML2]
xmlSearchNsByHref [libXML2]	xmlSetBufferAllocation Scheme [libXML2]	xmlSetCompressMode [libXML2]

xmlSetDocCompressMode [libXML2]	xmlSetEntityReferenceFunc [libXML2]	xmlSetExternalEntityLoader [libXML2]
xmlSetGenericErrorFunc [libXML2]	xmlSetListDoc [libXML2]	xmlSetNs [libXML2]
xmlSetNsProp [libXML2]	xmlSetProp [libXML2]	xmlSetStructuredErrorFunc [libXML2]
xmlSetTreeDoc [libXML2]	xmlSetupParserForBuffer [libXML2]	xmlShell [libXML2]
xmlShellBase [libXML2]	xmlShellCat [libXML2]	xmlShellDir [libXML2]
xmlShellDu [libXML2]	xmlShellList [libXML2]	xmlShellLoad [libXML2]
xmlShellPrintNode [libXML2]	xmlShellPrintXPathError [libXML2]	xmlShellPrintXPathResult [libXML2]
xmlShellPwd [libXML2]	xmlShellSave [libXML2]	xmlShellValidate [libXML2]
xmlShellWrite [libXML2]	xmlSkipBlankChars [libXML2]	xmlSnprintfElementContent [libXML2]
xmlSplitQName [libXML2]	xmlSplitQName2 [libXML2]	xmlSplitQName3 [libXML2]
xmlStopParser [libXML2]	xmlStrEqual [libXML2]	xmlStrPrintf [libXML2]
xmlStrQEqual [libXML2]	xmlStrVPrintf [libXML2]	xmlStrcasecmp [libXML2]
xmlStrcasestr [libXML2]	xmlStrcat [libXML2]	xmlStrchr [libXML2]
xmlStrcmp [libXML2]	xmlStrdup [libXML2]	xmlStreamPop [libXML2]
xmlStreamPush [libXML2]	xmlStreamPushAttr [libXML2]	xmlStringCurrentChar [libXML2]
xmlStringDecodeEntities [libXML2]	xmlStringGetNodeList [libXML2]	xmlStringLenDecodeEntities [libXML2]
xmlStringLenGetNodeList [libXML2]	xmlStrlen [libXML2]	xmlStrncasecmp [libXML2]
xmlStrncat [libXML2]	xmlStrncatNew [libXML2]	xmlStrncmp [libXML2]
xmlStrndup [libXML2]	xmlStrstr [libXML2]	xmlStrsub [libXML2]
xmlSubstituteEntitiesDefault [libXML2]	xmlSwitchEncoding [libXML2]	xmlSwitchInputEncoding [libXML2]
xmlSwitchToEncoding [libXML2]	xmlTextConcat [libXML2]	xmlTextMerge [libXML2]
xmlTextReaderAttributeCount [libXML2]	xmlTextReaderBaseUri [libXML2]	xmlTextReaderByteConsumed [libXML2]
xmlTextReaderClose [libXML2]	xmlTextReaderConstBaseUri [libXML2]	xmlTextReaderConstEncoding [libXML2]

xmlTextReaderConstLocalName [libXML2]	xmlTextReaderConstName [libXML2]	xmlTextReaderConstNamespaceUri [libXML2]
xmlTextReaderConstPrefix [libXML2]	xmlTextReaderConstString [libXML2]	xmlTextReaderConstValue [libXML2]
xmlTextReaderConstXmlLang [libXML2]	xmlTextReaderConstXmlVersion [libXML2]	xmlTextReaderCurrentDoc [libXML2]
xmlTextReaderCurrentNode [libXML2]	xmlTextReaderDepth [libXML2]	xmlTextReaderExpand [libXML2]
xmlTextReaderGetAttribute [libXML2]	xmlTextReaderGetAttributeNo [libXML2]	xmlTextReaderGetAttributeNs [libXML2]
xmlTextReaderGetErrorHandler [libXML2]	xmlTextReaderGetParserColumnNumber [libXML2]	xmlTextReaderGetParserLineNumber [libXML2]
xmlTextReaderGetParserProp [libXML2]	xmlTextReaderGetRemainder [libXML2]	xmlTextReaderHasAttributes [libXML2]
xmlTextReaderHasValue [libXML2]	xmlTextReaderIsDefault [libXML2]	xmlTextReaderIsEmptyElement [libXML2]
xmlTextReaderIsNamespaceDecl [libXML2]	xmlTextReaderIsValid [libXML2]	xmlTextReaderLocalName [libXML2]
xmlTextReaderLocatorBaseURI [libXML2]	xmlTextReaderLocatorLineNumber [libXML2]	xmlTextReaderLookupNamespace [libXML2]
xmlTextReaderMoveToAttribute [libXML2]	xmlTextReaderMoveToAttributeNo [libXML2]	xmlTextReaderMoveToAttributeNs [libXML2]
xmlTextReaderMoveToElement [libXML2]	xmlTextReaderMoveToFirstAttribute [libXML2]	xmlTextReaderMoveToNextAttribute [libXML2]
xmlTextReaderName [libXML2]	xmlTextReaderNamespaceUri [libXML2]	xmlTextReaderNext [libXML2]
xmlTextReaderNextSibling [libXML2]	xmlTextReaderNodeType [libXML2]	xmlTextReaderNormalization [libXML2]
xmlTextReaderPrefix [libXML2]	xmlTextReaderPreserve [libXML2]	xmlTextReaderPreservePattern [libXML2]
xmlTextReaderQuoteChar [libXML2]	xmlTextReaderRead [libXML2]	xmlTextReaderReadAttributeValue [libXML2]
xmlTextReaderReadInnerXml [libXML2]	xmlTextReaderReadOuterXml [libXML2]	xmlTextReaderReadState [libXML2]
xmlTextReaderReadString [libXML2]	xmlTextReaderRelaxNGSetSchema [libXML2]	xmlTextReaderRelaxNGValidate [libXML2]
xmlTextReaderSchemaValidate [libXML2]	xmlTextReaderSetErrorHandler [libXML2]	xmlTextReaderSetParserProp [libXML2]
xmlTextReaderSetSchema [libXML2]	xmlTextReaderSetStructuredErrorHandler [libXML2]	xmlTextReaderStandalone [libXML2]
xmlTextReaderValue [libXML2]	xmlTextReaderXmlLang [libXML2]	xmlTextWriterEndAttribute [libXML2]
xmlTextWriterEndCD	xmlTextWriterEndCom	xmlTextWriterEndDTD

ATA [libXML2]	ment [libXML2]	[libXML2]
xmlTextWriterEndDTD Attlist [libXML2]	xmlTextWriterEndDTD Element [libXML2]	xmlTextWriterEndDTD Entity [libXML2]
xmlTextWriterEndDoc ument [libXML2]	xmlTextWriterEndEle ment [libXML2]	xmlTextWriterEndPI [libXML2]
xmlTextWriterFlush [libXML2]	xmlTextWriterFullEnd Element [libXML2]	xmlTextWriterSetInden t [libXML2]
xmlTextWriterSetInden tString [libXML2]	xmlTextWriterStartAttr ibute [libXML2]	xmlTextWriterStartAttr ibuteNS [libXML2]
xmlTextWriterStartCD ATA [libXML2]	xmlTextWriterStartCo mment [libXML2]	xmlTextWriterStartDT D [libXML2]
xmlTextWriterStartDT DAttlist [libXML2]	xmlTextWriterStartDT DElement [libXML2]	xmlTextWriterStartDT DEntity [libXML2]
xmlTextWriterStartDoc ument [libXML2]	xmlTextWriterStartEle ment [libXML2]	xmlTextWriterStartEle mentNS [libXML2]
xmlTextWriterStartPI [libXML2]	xmlTextWriterWriteAtt ribute [libXML2]	xmlTextWriterWriteAtt ributeNS [libXML2]
xmlTextWriterWriteBas e64 [libXML2]	xmlTextWriterWriteBin Hex [libXML2]	xmlTextWriterWriteCD ATA [libXML2]
xmlTextWriterWriteCo mment [libXML2]	xmlTextWriterWriteDT D [libXML2]	xmlTextWriterWriteDT DAttlist [libXML2]
xmlTextWriterWriteDT DElement [libXML2]	xmlTextWriterWriteDT DEntity [libXML2]	xmlTextWriterWriteDT DExternalEntity [libXML2]
xmlTextWriterWriteDT DExternalEntityConten ts [libXML2]	xmlTextWriterWriteDT DInternalEntity [libXML2]	xmlTextWriterWriteDT DNotation [libXML2]
xmlTextWriterWriteEle ment [libXML2]	xmlTextWriterWriteEle mentNS [libXML2]	xmlTextWriterWriteFor matAttribute [libXML2]
xmlTextWriterWriteFor matAttributeNS [libXML2]	xmlTextWriterWriteFor matCDATA [libXML2]	xmlTextWriterWriteFor matComment [libXML2]
xmlTextWriterWriteFor matDTD [libXML2]	xmlTextWriterWriteFor matDTDAttlist [libXML2]	xmlTextWriterWriteFor matDTDElement [libXML2]
xmlTextWriterWriteFor matDTDInternalEntity [libXML2]	xmlTextWriterWriteFor matElement [libXML2]	xmlTextWriterWriteFor matElementNS [libXML2]
xmlTextWriterWriteFor matPI [libXML2]	xmlTextWriterWriteFor matRaw [libXML2]	xmlTextWriterWriteFor matString [libXML2]
xmlTextWriterWritePI [libXML2]	xmlTextWriterWriteRa w [libXML2]	xmlTextWriterWriteRa wLen [libXML2]
xmlTextWriterWriteStri ng [libXML2]	xmlTextWriterWriteVF ormatAttribute [libXML2]	xmlTextWriterWriteVF ormatAttributeNS [libXML2]

xmlTextWriterWriteVFormatCDATA [libXML2]	xmlTextWriterWriteVFormatComment [libXML2]	xmlTextWriterWriteVFormatDTD [libXML2]
xmlTextWriterWriteVFormatDTDAttlist [libXML2]	xmlTextWriterWriteVFormatDTDElement [libXML2]	xmlTextWriterWriteVFormatDTDInternalEntity [libXML2]
xmlTextWriterWriteVFormatElement [libXML2]	xmlTextWriterWriteVFormatElementNS [libXML2]	xmlTextWriterWriteVFormatPI [libXML2]
xmlTextWriterWriteVFormatRaw [libXML2]	xmlTextWriterWriteVFormatString [libXML2]	xmlThrDefBufferAllocScheme [libXML2]
xmlThrDefDefaultBufferSize [libXML2]	xmlThrDefDeregisterNodeDefault [libXML2]	xmlThrDefDoValidityCheckingDefaultValue [libXML2]
xmlThrDefGetWarningsDefaultValue [libXML2]	xmlThrDefIndentTreeOutput [libXML2]	xmlThrDefKeepBlanksDefaultValue [libXML2]
xmlThrDefLineNumbersDefaultValue [libXML2]	xmlThrDefLoadExtDtdDefaultValue [libXML2]	xmlThrDefOutputBufferCreateFilenameDefault [libXML2]
xmlThrDefParserDebugEntities [libXML2]	xmlThrDefParserInputBufferCreateFilenameDefault [libXML2]	xmlThrDefPedanticParserDefaultValue [libXML2]
xmlThrDefRegisterNodeDefault [libXML2]	xmlThrDefSaveNoEmptyTags [libXML2]	xmlThrDefSetGenericErrorFunc [libXML2]
xmlThrDefSetStructuredErrorFunc [libXML2]	xmlThrDefSubstituteEntitiesDefaultValue [libXML2]	xmlThrDefTreeIndentString [libXML2]
xmlURIEscape [libXML2]	xmlURIEscapeStr [libXML2]	xmlURIUnescapeString [libXML2]
xmlUTF8Charcmp [libXML2]	xmlUTF8Size [libXML2]	xmlUTF8Strlen [libXML2]
xmlUTF8Strloc [libXML2]	xmlUTF8Strndup [libXML2]	xmlUTF8Strpos [libXML2]
xmlUTF8Strsize [libXML2]	xmlUTF8Strsub [libXML2]	xmlUnlinkNode [libXML2]
xmlUnlockLibrary [libXML2]	xmlUnsetNsProp [libXML2]	xmlUnsetProp [libXML2]
xmlValidBuildContentModel [libXML2]	xmlValidCtxtNormalizeAttributeValue [libXML2]	xmlValidGetPotentialChildren [libXML2]
xmlValidGetValidElements [libXML2]	xmlValidNormalizeAttributeValue [libXML2]	xmlValidateAttributeDecl [libXML2]
xmlValidateAttributeValue [libXML2]	xmlValidateDocument [libXML2]	xmlValidateDocumentFinal [libXML2]
xmlValidateDtd [libXML2]	xmlValidateDtdFinal [libXML2]	xmlValidateElement [libXML2]

xmlValidateElementDecl [libXML2]	xmlValidateNCName [libXML2]	xmlValidateNMToken [libXML2]
xmlValidateName [libXML2]	xmlValidateNameValue [libXML2]	xmlValidateNamesValue [libXML2]
xmlValidateNmtokenValue [libXML2]	xmlValidateNmtokensValue [libXML2]	xmlValidateNotationDecl [libXML2]
xmlValidateNotationUse [libXML2]	xmlValidateOneAttribute [libXML2]	xmlValidateOneElement [libXML2]
xmlValidateOneNamespace [libXML2]	xmlValidatePopElement [libXML2]	xmlValidatePushCData [libXML2]
xmlValidatePushElement [libXML2]	xmlValidateQName [libXML2]	xmlValidateRoot [libXML2]
xmlXIncludeFreeContext [libXML2]	xmlXIncludeNewContext [libXML2]	xmlXIncludeProcess [libXML2]
xmlXIncludeProcessFlags [libXML2]	xmlXIncludeProcessNode [libXML2]	xmlXIncludeProcessTree [libXML2]
xmlXIncludeProcessTreeFlags [libXML2]	xmlXIncludeSetFlags [libXML2]	xmlXPathAddValues [libXML2]
xmlXPathBooleanFunction [libXML2]	xmlXPathCastBooleanToNumber [libXML2]	xmlXPathCastBooleanToString [libXML2]
xmlXPathCastNodeSetToBoolean [libXML2]	xmlXPathCastNodeSetToNumber [libXML2]	xmlXPathCastNodeSetToString [libXML2]
xmlXPathCastNodeToNumber [libXML2]	xmlXPathCastNodeToString [libXML2]	xmlXPathCastNumberToBoolean [libXML2]
xmlXPathCastNumberToString [libXML2]	xmlXPathCastStringToBoolean [libXML2]	xmlXPathCastStringToNumber [libXML2]
xmlXPathCastToBoolean [libXML2]	xmlXPathCastToNumber [libXML2]	xmlXPathCastToString [libXML2]
xmlXPathCeilingFunction [libXML2]	xmlXPathCmpNodes [libXML2]	xmlXPathCompareValues [libXML2]
xmlXPathCompile [libXML2]	xmlXPathCompiledEval [libXML2]	xmlXPathConcatFunction [libXML2]
xmlXPathContainsFunction [libXML2]	xmlXPathConvertBoolean [libXML2]	xmlXPathConvertNumber [libXML2]
xmlXPathConvertString [libXML2]	xmlXPathCountFunction [libXML2]	xmlXPathCtxtCompile [libXML2]
xmlXPathDebugDumpCompExpr [libXML2]	xmlXPathDebugDumpObject [libXML2]	xmlXPathDifference [libXML2]
xmlXPathDistinct [libXML2]	xmlXPathDistinctSorted [libXML2]	xmlXPathDivValues [libXML2]
xmlXPathEqualValues [libXML2]	xmlXPathErr [libXML2]	xmlXPathEval [libXML2]
xmlXPathEvalExpr [libXML2]	xmlXPathEvalExpression [libXML2]	xmlXPathEvalPredicate [libXML2]
xmlXPathEvaluatePredicateResult [libXML2]	xmlXPathFalseFunction [libXML2]	xmlXPathFloorFunction [libXML2]

xmlXPathFreeCompExpr [libXML2]	xmlXPathFreeContext [libXML2]	xmlXPathFreeNodeSet [libXML2]
xmlXPathFreeNodeSetList [libXML2]	xmlXPathFreeObject [libXML2]	xmlXPathFreeParserContext [libXML2]
xmlXPathFunctionLookup [libXML2]	xmlXPathFunctionLookupNS [libXML2]	xmlXPathHasSameNodes [libXML2]
xmlXPathIdFunction [libXML2]	xmlXPathInit [libXML2]	xmlXPathIntersection [libXML2]
xmlXPathIsInf [libXML2]	xmlXPathIsNaN [libXML2]	xmlXPathIsNodeType [libXML2]
xmlXPathLangFunction [libXML2]	xmlXPathLastFunction [libXML2]	xmlXPathLeading [libXML2]
xmlXPathLeadingSorted [libXML2]	xmlXPathLocalNameFunction [libXML2]	xmlXPathModValues [libXML2]
xmlXPathMultValues [libXML2]	xmlXPathNamespaceURIFunction [libXML2]	xmlXPathNewBoolean [libXML2]
xmlXPathNewCString [libXML2]	xmlXPathNewContext [libXML2]	xmlXPathNewFloat [libXML2]
xmlXPathNewNodeSet [libXML2]	xmlXPathNewNodeSetList [libXML2]	xmlXPathNewParserContext [libXML2]
xmlXPathNewString [libXML2]	xmlXPathNewValueTree [libXML2]	xmlXPathNextAncestor [libXML2]
xmlXPathNextAncestorOrSelf [libXML2]	xmlXPathNextAttribute [libXML2]	xmlXPathNextChild [libXML2]
xmlXPathNextDescendant [libXML2]	xmlXPathNextDescendantOrSelf [libXML2]	xmlXPathNextFollowing [libXML2]
xmlXPathNextFollowingSibling [libXML2]	xmlXPathNextNamespace [libXML2]	xmlXPathNextParent [libXML2]
xmlXPathNextPreceding [libXML2]	xmlXPathNextPrecedingSibling [libXML2]	xmlXPathNextSelf [libXML2]
xmlXPathNodeLeading [libXML2]	xmlXPathNodeLeadingSorted [libXML2]	xmlXPathNodeSetAdd [libXML2]
xmlXPathNodeSetAddNs [libXML2]	xmlXPathNodeSetAddUnique [libXML2]	xmlXPathNodeSetContains [libXML2]
xmlXPathNodeSetCreate [libXML2]	xmlXPathNodeSetDel [libXML2]	xmlXPathNodeSetFreeNs [libXML2]
xmlXPathNodeSetMerge [libXML2]	xmlXPathNodeSetRemove [libXML2]	xmlXPathNodeSetSort [libXML2]
xmlXPathNodeTrailing [libXML2]	xmlXPathNodeTrailingSorted [libXML2]	xmlXPathNormalizeFunction [libXML2]
xmlXPathNotEqualValues [libXML2]	xmlXPathNotFunction [libXML2]	xmlXPathNsLookup [libXML2]
xmlXPathNumberFunction [libXML2]	xmlXPathObjectCopy [libXML2]	xmlXPathOrderDocElems [libXML2]
xmlXPathParseNCName [libXML2]	xmlXPathParseName [libXML2]	xmlXPathPopBoolean [libXML2]

xmlXPathPopExternal [libXML2]	xmlXPathPopNodeSet [libXML2]	xmlXPathPopNumber [libXML2]
xmlXPathPopString [libXML2]	xmlXPathPositionFunction [libXML2]	xmlXPathRegisterAllFunctions [libXML2]
xmlXPathRegisterFunc [libXML2]	xmlXPathRegisterFuncLookup [libXML2]	xmlXPathRegisterFuncNS [libXML2]
xmlXPathRegisterNs [libXML2]	xmlXPathRegisterVariable [libXML2]	xmlXPathRegisterVariableLookup [libXML2]
xmlXPathRegisterVariableNS [libXML2]	xmlXPathRegisteredFuncsCleanup [libXML2]	xmlXPathRegisteredNsCleanup [libXML2]
xmlXPathRegisteredVariablesCleanup [libXML2]	xmlXPathRoot [libXML2]	xmlXPathRoundFunction [libXML2]
xmlXPathStartsWithFunction [libXML2]	xmlXPathStringEvalNumber [libXML2]	xmlXPathStringFunction [libXML2]
xmlXPathStringLengthFunction [libXML2]	xmlXPathSubValues [libXML2]	xmlXPathSubstringAfterFunction [libXML2]
xmlXPathSubstringBeforeFunction [libXML2]	xmlXPathSubstringFunction [libXML2]	xmlXPathSumFunction [libXML2]
xmlXPathTrailing [libXML2]	xmlXPathTrailingSorted [libXML2]	xmlXPathTranslateFunction [libXML2]
xmlXPathTrueFunction [libXML2]	xmlXPathValueFlipSign [libXML2]	xmlXPathVariableLookup [libXML2]
xmlXPathVariableLookupNS [libXML2]	xmlXPathWrapCString [libXML2]	xmlXPathWrapExternal [libXML2]
xmlXPathWrapNodeSet [libXML2]	xmlXPathWrapString [libXML2]	xmlXPatherror [libXML2]
xmlXPtrBuildNodeList [libXML2]	xmlXPtrEval [libXML2]	xmlXPtrEvalRangePredicate [libXML2]
xmlXPtrFreeLocationSet [libXML2]	xmlXPtrLocationSetAdd [libXML2]	xmlXPtrLocationSetCreate [libXML2]
xmlXPtrLocationSetDel [libXML2]	xmlXPtrLocationSetMerge [libXML2]	xmlXPtrLocationSetRemove [libXML2]
xmlXPtrNewCollapsedRange [libXML2]	xmlXPtrNewContext [libXML2]	xmlXPtrNewLocationSetNodeSet [libXML2]
xmlXPtrNewLocationSetNodes [libXML2]	xmlXPtrNewRange [libXML2]	xmlXPtrNewRangeNodeObject [libXML2]
xmlXPtrNewRangeNodePoint [libXML2]	xmlXPtrNewRangeNodes [libXML2]	xmlXPtrNewRangePointNode [libXML2]
xmlXPtrNewRangePoints [libXML2]	xmlXPtrRangeToFunction [libXML2]	xmlXPtrWrapLocationSet [libXML2]

An LSB conforming implementation shall provide the generic data interfaces for The XML C parser and toolkit for XML processing specified in Table 19-3, with the full mandatory functionality as described in the referenced underlying specification.

Table 19-3 libxml2 - The XML C parser and toolkit for XML processing Data Interfaces

emptyExp [libXML2]	forbiddenExp [libXML2]	xmlFree [libXML2]
xmlMalloc [libXML2]	xmlMallocAtomic [libXML2]	xmlMemStrdup [libXML2]
xmlParserMaxDepth [libXML2]	xmlRealloc [libXML2]	xmlStringComment [libXML2]
xmlStringText [libXML2]	xmlStringTextNoenc [libXML2]	xmlXPathNAN [libXML2]
xmlXPathNINF [libXML2]	xmlXPathPINF [libXML2]	

19.2 Data Definitions for libxml2

This section defines global identifiers and their values that are associated with interfaces contained in libxml2. These definitions are organized into groups that correspond to system headers. This convention is used as a convenience for the reader, and does not imply the existence of these headers, or their content. Where an interface is defined as requiring a particular system header file all of the data definitions for that system header file presented here shall be in effect.

This section gives data definitions to promote binary application portability, not to repeat source interface definitions available elsewhere. System providers and application developers should use this ABI to supplement - not to replace - source interface definition specifications.

This specification uses the ISO C (1999) C Language as the reference programming language, and data definitions are specified in ISO C format. The C language is used here as a convenient notation. Using a C language description of these data objects does not preclude their use by other programming languages.

19.2.1 libxml2/libxml/HTMLparser.h

```
#define htmlElementAllowedHereDesc(parent,elt)   \
        htmlElementAllowedHere((parent), (elt)->name)
#define htmlRequiredAttrs(elt)  (elt)->attrs_req
#define htmlDefaultSubelement(elt)      elt->defaultsubelt

typedef enum {
    HTML_NA = 0,
    HTML_INVALID = 1,
    HTML_DEPRECATED = 2,
    HTML_VALID = 4,
    HTML_REQUIRED = 12
} htmlStatus;
typedef struct _htmlElemDesc {
    const char *name;
    char startTag;
    char endTag;
    char saveEndTag;
    char empty;
    char depr;
    char dtd;
    char isinline;
    const char *desc;
    const char **subelts;
```

```
    const char *defaultsubelt;
    const char **attrs_opt;
    const char **attrs_depr;
    const char **attrs_req;
} htmlElemDesc;
typedef xmlDocPtr htmlDocPtr;
typedef xmlSAXHandlerPtr htmlSAXHandlerPtr;
typedef xmlParserCtxtPtr htmlParserCtxtPtr;
typedef struct _htmlEntityDesc {
    unsigned int value;
    const char *name;
    const char *desc;
} htmlEntityDesc;
typedef xmlNodePtr htmlNodePtr;
typedef enum {
    HTML_PARSE_RECOVER = 1 << 0,
    HTML_PARSE_NOERROR = 1 << 5,
    HTML_PARSE_NOWARNING = 1 << 6,
    HTML_PARSE_PEDANTIC = 1 << 7,
    HTML_PARSE_NOBLANKS = 1 << 8,
    HTML_PARSE_NONET = 1 << 11,
    HTML_PARSE_COMPACT = 1 << 16
} htmlParserOption;
typedef xmlParserInputPtr htmlParserInputPtr;
typedef htmlElemDesc *htmlElemDescPtr;
typedef htmlEntityDesc *htmlEntityDescPtr;
typedef xmlParserInput htmlParserInput;
extern int UTF8ToHtml(unsigned char *out, int *outlen,
                      const unsigned char *in, int *inlen);
extern  htmlStatus  htmlAttrAllowed(const  htmlElemDesc  *,  const
xmlChar *,
                                    int);
extern int htmlAutoCloseTag(htmlDocPtr doc, const xmlChar * name,
                            htmlNodePtr elem);
extern  htmlParserCtxtPtr  htmlCreateMemoryParserCtxt(const  char
*buffer,
                                                      int size);
extern                                               htmlParserCtxtPtr
htmlCreatePushParserCtxt(htmlSAXHandlerPtr sax,
                                                                   void
*user_data,
                                                         const char
*chunk,
                                                    int size,
                                                         const char
*filename,
                                                     xmlCharEncoding
enc);
extern htmlDocPtr htmlCtxtReadDoc(htmlParserCtxtPtr ctxt,
                                  const xmlChar * cur, const char
*URL,
                                       const char *encoding, int
options);
extern htmlDocPtr htmlCtxtReadFd(htmlParserCtxtPtr ctxt, int fd,
                                    const char *URL, const char
*encoding,
                                 int options);
extern htmlDocPtr htmlCtxtReadFile(htmlParserCtxtPtr ctxt,
                                   const char *filename,
                                        const char *encoding, int
options);
extern htmlDocPtr htmlCtxtReadIO(htmlParserCtxtPtr ctxt,
                                 xmlInputReadCallback ioread,
                                 xmlInputCloseCallback ioclose,
                                 void *ioctx, const char *URL,
                                       const char *encoding, int
```

```
options);
extern htmlDocPtr htmlCtxtReadMemory(htmlParserCtxtPtr ctxt,
                                     const char *buffer, int
size,
                                   const char *URL, const char
*encoding,
                                  int options);
extern void htmlCtxtReset(htmlParserCtxtPtr ctxt);
extern   int   htmlCtxtUseOptions(htmlParserCtxtPtr   ctxt,   int
options);
extern  int  htmlElementAllowedHere(const  htmlElemDesc  *,  const
xmlChar *);
extern htmlStatus htmlElementStatusHere(const htmlElemDesc *,
                                        const htmlElemDesc *);
extern int htmlEncodeEntities(unsigned char *out, int *outlen,
                              const unsigned char *in, int
*inlen,
                            int quoteChar);
extern  const  htmlEntityDesc  *htmlEntityLookup(const  xmlChar  *
name);
extern  const  htmlEntityDesc  *htmlEntityValueLookup(unsigned  int
value);
extern void htmlFreeParserCtxt(htmlParserCtxtPtr ctxt);
extern int htmlHandleOmittedElem(int val);
extern int htmlIsAutoClosed(htmlDocPtr doc, htmlNodePtr elem);
extern int htmlIsScriptAttribute(const xmlChar * name);
extern int htmlParseCharRef(htmlParserCtxtPtr ctxt);
extern  int  htmlParseChunk(htmlParserCtxtPtr  ctxt,  const  char
*chunk,
                         int size, int terminate);
extern   htmlDocPtr   htmlParseDoc(xmlChar   *   cur,   const   char
*encoding);
extern int htmlParseDocument(htmlParserCtxtPtr ctxt);
extern void htmlParseElement(htmlParserCtxtPtr ctxt);
extern const htmlEntityDesc *htmlParseEntityRef(htmlParserCtxtPtr
ctxt,
                                                 const xmlChar *
*str);
extern htmlDocPtr htmlParseFile(const char *filename,
                                const char *encoding);
extern  htmlDocPtr  htmlReadDoc(const  xmlChar  *  cur,  const  char
*URL,
                            const char *encoding, int options);
extern htmlDocPtr htmlReadFd(int fd, const char *URL, const char
*encoding,
                            int options);
extern  htmlDocPtr  htmlReadFile(const  char  *URL,  const  char
*encoding,
                             int options);
extern htmlDocPtr htmlReadIO(xmlInputReadCallback ioread,
                             xmlInputCloseCallback ioclose, void
*ioctx,
                                   const char *URL, const char
*encoding,
                            int options);
extern htmlDocPtr htmlReadMemory(const char *buffer, int size,
                                   const char *URL, const char
*encoding,
                                 int options);
extern  htmlDocPtr  htmlSAXParseDoc(xmlChar  *  cur,  const  char
*encoding,
                                    htmlSAXHandlerPtr sax, void
*userData);
extern htmlDocPtr htmlSAXParseFile(const char *filename,
                                   const char *encoding,
                                      htmlSAXHandlerPtr sax, void
```

```
*userData);
extern const htmlElemDesc *htmlTagLookup(const xmlChar * tag);
```

19.2.2 libxml2/libxml/HTMLtree.h

```
#define HTML_PRESERVE_NODE      XML_CDATA_SECTION_NODE
#define HTML_COMMENT_NODE       XML_COMMENT_NODE
#define HTML_ENTITY_REF_NODE    XML_ENTITY_REF_NODE
#define HTML_PI_NODE    XML_PI_NODE
#define HTML_TEXT_NODE  XML_TEXT_NODE

extern   void   htmlDocContentDumpFormatOutput(xmlOutputBufferPtr
buf,
                                        xmlDocPtr cur,
                                        const char *encoding,
                                        int format);
extern   void   htmlDocContentDumpOutput(xmlOutputBufferPtr   buf,
xmlDocPtr cur,
                                    const char *encoding);
extern int htmlDocDump(FILE * f, xmlDocPtr cur);
extern void htmlDocDumpMemory(xmlDocPtr cur, xmlChar * *mem, int
*size);
extern const xmlChar *htmlGetMetaEncoding(htmlDocPtr doc);
extern int htmlIsBooleanAttr(const xmlChar * name);
extern htmlDocPtr htmlNewDoc(const xmlChar * URI,
                             const xmlChar * ExternalID);
extern htmlDocPtr htmlNewDocNoDtD(const xmlChar * URI,
                                  const xmlChar * ExternalID);
extern   int   htmlNodeDump(xmlBufferPtr   buf,   xmlDocPtr   doc,
xmlNodePtr cur);
extern   void   htmlNodeDumpFile(FILE   *   out,   xmlDocPtr   doc,
xmlNodePtr cur);
extern int htmlNodeDumpFileFormat(FILE * out, xmlDocPtr doc,
                                    xmlNodePtr cur, const char
*encoding,
                                  int format);
extern   void   htmlNodeDumpFormatOutput(xmlOutputBufferPtr   buf,
xmlDocPtr doc,
                                     xmlNodePtr cur, const char
*encoding,
                                   int format);
extern void htmlNodeDumpOutput(xmlOutputBufferPtr buf, xmlDocPtr
doc,
                                    xmlNodePtr cur, const char
*encoding);
extern int htmlSaveFile(const char *filename, xmlDocPtr cur);
extern int htmlSaveFileEnc(const char *filename, xmlDocPtr cur,
                           const char *encoding);
extern  int  htmlSaveFileFormat(const  char  *filename,  xmlDocPtr
cur,
                             const char *encoding, int format);
extern  int  htmlSetMetaEncoding(htmlDocPtr  doc,  const  xmlChar  *
encoding);
```

19.2.3 libxml2/libxml/SAX2.h

```
typedef void (*internalSubsetSAXFunc) (void *, const xmlChar *,
                                        const xmlChar *, const
xmlChar *);
typedef int (*isStandaloneSAXFunc) (void *);
typedef int (*hasInternalSubsetSAXFunc) (void *);
typedef int (*hasExternalSubsetSAXFunc) (void *);
typedef  xmlParserInputPtr(*resolveEntitySAXFunc)  (void  *,  const
```

```
xmlChar *,
                                                        const xmlChar
*);
typedef  xmlEntityPtr(*getEntitySAXFunc)  (void  *,  const  xmlChar
*);
typedef void (*entityDeclSAXFunc) (void *, const xmlChar *, int,
                                    const xmlChar *, const xmlChar
*,
                                   xmlChar *);
typedef void (*notationDeclSAXFunc) (void *, const xmlChar *,
                                          const xmlChar *, const
xmlChar *);
typedef struct _xmlEnumeration {
    struct _xmlEnumeration *next;
    const xmlChar *name;
} xmlEnumeration;
typedef xmlEnumeration *xmlEnumerationPtr;
typedef void (*attributeDeclSAXFunc) (void *, const xmlChar *,
                                      const xmlChar *, int, int,
                                                 const  xmlChar  *,
xmlEnumerationPtr);
typedef enum {
    XML_ELEMENT_CONTENT_PCDATA = 1,
    XML_ELEMENT_CONTENT_ELEMENT = 2,
    XML_ELEMENT_CONTENT_SEQ = 3,
    XML_ELEMENT_CONTENT_OR = 4
} xmlElementContentType;
typedef enum {
    XML_ELEMENT_CONTENT_ONCE = 1,
    XML_ELEMENT_CONTENT_OPT = 2,
    XML_ELEMENT_CONTENT_MULT = 3,
    XML_ELEMENT_CONTENT_PLUS = 4
} xmlElementContentOccur;
typedef struct _xmlElementContent {
    xmlElementContentType type;
    xmlElementContentOccur ocur;
    const xmlChar *name;
    struct _xmlElementContent *c1;
    struct _xmlElementContent *c2;
    struct _xmlElementContent *parent;
    const xmlChar *prefix;
} xmlElementContent;
typedef xmlElementContent *xmlElementContentPtr;
typedef void (*elementDeclSAXFunc) (void *, const xmlChar *, int,
                                    xmlElementContentPtr);
typedef  void (*unparsedEntityDeclSAXFunc) (void *, const xmlChar
*,
                                          const xmlChar *,
                                          const xmlChar *,
                                          const xmlChar *);
typedef struct _xmlSAXLocator {
    const xmlChar *(*getPublicId) (void *);
    const xmlChar *(*getSystemId) (void *);
    int (*getLineNumber) (void *);
    int (*getColumnNumber) (void *);
} xmlSAXLocator;
typedef xmlSAXLocator *xmlSAXLocatorPtr;
typedef     void     (*setDocumentLocatorSAXFunc)     (void     *,
xmlSAXLocatorPtr);
typedef void (*startDocumentSAXFunc) (void *);
typedef void (*endDocumentSAXFunc) (void *);
typedef void (*startElementSAXFunc) (void *, const xmlChar *,
                                     const xmlChar * *);
typedef void (*endElementSAXFunc) (void *, const xmlChar *);
typedef void (*referenceSAXFunc) (void *, const xmlChar *);
typedef void (*charactersSAXFunc) (void *, const xmlChar *, int);
```

```
typedef void (*ignorableWhitespaceSAXFunc) (void *, const xmlChar
*, int);
typedef  void  (*processingInstructionSAXFunc)  (void  *,  const
xmlChar *,
                                                const xmlChar *);
typedef void (*commentSAXFunc) (void *, const xmlChar *);
typedef void (*warningSAXFunc) (void *, const char *, ...);
typedef void (*errorSAXFunc) (void *, const char *, ...);
typedef void (*fatalErrorSAXFunc) (void *, const char *, ...);
typedef  xmlEntityPtr(*getParameterEntitySAXFunc)  (void  *,  const
xmlChar *);
typedef void (*cdataBlockSAXFunc) (void *, const xmlChar *, int);
typedef void (*externalSubsetSAXFunc) (void *, const xmlChar *,
                                            const xmlChar *, const
xmlChar *);
typedef void (*startElementNsSAX2Func) (void *, const xmlChar *,
                                            const xmlChar *, const
xmlChar *,
                                           int, const xmlChar * *,
int, int,
                                         const xmlChar * *);
typedef void (*endElementNsSAX2Func) (void *, const xmlChar *,
                                            const xmlChar *, const
xmlChar *);
typedef struct _xmlSAXHandler {
    internalSubsetSAXFunc internalSubset;
    isStandaloneSAXFunc isStandalone;
    hasInternalSubsetSAXFunc hasInternalSubset;
    hasExternalSubsetSAXFunc hasExternalSubset;
    resolveEntitySAXFunc resolveEntity;
    getEntitySAXFunc getEntity;
    entityDeclSAXFunc entityDecl;
    notationDeclSAXFunc notationDecl;
    attributeDeclSAXFunc attributeDecl;
    elementDeclSAXFunc elementDecl;
    unparsedEntityDeclSAXFunc unparsedEntityDecl;
    setDocumentLocatorSAXFunc setDocumentLocator;
    startDocumentSAXFunc startDocument;
    endDocumentSAXFunc endDocument;
    startElementSAXFunc startElement;
    endElementSAXFunc endElement;
    referenceSAXFunc reference;
    charactersSAXFunc characters;
    ignorableWhitespaceSAXFunc ignorableWhitespace;
    processingInstructionSAXFunc processingInstruction;
    commentSAXFunc comment;
    warningSAXFunc warning;
    errorSAXFunc error;
    fatalErrorSAXFunc fatalError;
    getParameterEntitySAXFunc getParameterEntity;
    cdataBlockSAXFunc cdataBlock;
    externalSubsetSAXFunc externalSubset;
    unsigned int initialized;
    void *_private;
    startElementNsSAX2Func startElementNs;
    endElementNsSAX2Func endElementNs;
    xmlStructuredErrorFunc serror;
} xmlSAXHandler;
extern void docbDefaultSAXHandlerInit(void);
extern void htmlDefaultSAXHandlerInit(void);
extern void xmlDefaultSAXHandlerInit(void);
extern void xmlSAX2AttributeDecl(void *ctx, const xmlChar * elem,
                                 const xmlChar * fullname, int
type,
                                      int def, const xmlChar *
defaultValue,
```

```
                                    xmlEnumerationPtr tree);
extern void xmlSAX2CDataBlock(void *ctx, const xmlChar * value,
int len);
extern void xmlSAX2Characters(void *ctx, const xmlChar * ch, int
len);
extern void xmlSAX2Comment(void *ctx, const xmlChar * value);
extern void xmlSAX2ElementDecl(void *ctx, const xmlChar * name,
int type,
                                xmlElementContentPtr content);
extern void xmlSAX2EndDocument(void *ctx);
extern void xmlSAX2EndElement(void *ctx, const xmlChar * name);
extern void xmlSAX2EndElementNs(void *ctx, const xmlChar *
localname,
                                const xmlChar * prefix,
                                const xmlChar * URI);
extern void xmlSAX2EntityDecl(void *ctx, const xmlChar * name,
int type,
                               const xmlChar * publicId,
                               const xmlChar * systemId, xmlChar *
content);
extern void xmlSAX2ExternalSubset(void *ctx, const xmlChar *
name,
                                  const xmlChar * ExternalID,
                                  const xmlChar * SystemID);
extern int xmlSAX2GetColumnNumber(void *ctx);
extern xmlEntityPtr xmlSAX2GetEntity(void *ctx, const xmlChar *
name);
extern int xmlSAX2GetLineNumber(void *ctx);
extern xmlEntityPtr xmlSAX2GetParameterEntity(void *ctx,
                                                const xmlChar *
name);
extern const xmlChar *xmlSAX2GetPublicId(void *ctx);
extern const xmlChar *xmlSAX2GetSystemId(void *ctx);
extern int xmlSAX2HasExternalSubset(void *ctx);
extern int xmlSAX2HasInternalSubset(void *ctx);
extern void xmlSAX2IgnorableWhitespace(void *ctx, const xmlChar *
ch,
                                       int len);
extern void xmlSAX2InitDefaultSAXHandler(xmlSAXHandler * hdlr,
                                         int warning);
extern void xmlSAX2InitDocbDefaultSAXHandler(xmlSAXHandler *
hdlr);
extern void xmlSAX2InitHtmlDefaultSAXHandler(xmlSAXHandler *
hdlr);
extern void xmlSAX2InternalSubset(void *ctx, const xmlChar *
name,
                                  const xmlChar * ExternalID,
                                  const xmlChar * SystemID);
extern int xmlSAX2IsStandalone(void *ctx);
extern void xmlSAX2NotationDecl(void *ctx, const xmlChar * name,
                                const xmlChar * publicId,
                                const xmlChar * systemId);
extern void xmlSAX2ProcessingInstruction(void *ctx, const xmlChar
* target,
                                         const xmlChar * data);
extern void xmlSAX2Reference(void *ctx, const xmlChar * name);
extern xmlParserInputPtr xmlSAX2ResolveEntity(void *ctx,
                                                const xmlChar *
publicId,
                                                const xmlChar *
systemId);
extern void xmlSAX2SetDocumentLocator(void *ctx, xmlSAXLocatorPtr
loc);
extern void xmlSAX2StartDocument(void *ctx);
extern void xmlSAX2StartElement(void *ctx, const xmlChar *
fullname,
```

```
                                const xmlChar * *atts);
extern void xmlSAX2StartElementNs(void *ctx, const xmlChar *
localname,
                                  const xmlChar * prefix,
                                        const xmlChar * URI, int
nb_namespaces,
                                  const xmlChar * *namespaces,
                                           int nb_attributes, int
nb_defaulted,
                                  const xmlChar * *attributes);
extern void xmlSAX2UnparsedEntityDecl(void *ctx, const xmlChar *
name,
                                      const xmlChar * publicId,
                                      const xmlChar * systemId,
                                                 const xmlChar *
notationName);
extern int xmlSAXDefaultVersion(int version);
extern int xmlSAXVersion(xmlSAXHandler * hdlr, int version);
```

19.2.4 libxml2/libxml/c14n.h

```
typedef int (*xmlC14NIsVisibleCallback) (void *, xmlNodePtr,
xmlNodePtr);
extern int xmlC14NDocDumpMemory(xmlDocPtr, xmlNodeSetPtr, int,
xmlChar * *,
                                int, xmlChar * *);
extern int xmlC14NDocSave(xmlDocPtr, xmlNodeSetPtr, int, xmlChar
* *, int,
                          const char *, int);
extern int xmlC14NDocSaveTo(xmlDocPtr, xmlNodeSetPtr, int,
xmlChar * *,
                            int, xmlOutputBufferPtr);
extern int xmlC14NExecute(xmlDocPtr, xmlC14NIsVisibleCallback,
void *, int,
                          xmlChar * *, int, xmlOutputBufferPtr);
```

19.2.5 libxml2/libxml/catalog.h

```
#define XML_CATALOGS_NAMESPACE   \
                                            (const     xmlChar     *)
"urn:oasis:names:tc:entity:xmlns:xml:catalog"
#define XML_CATALOG_PI  (const xmlChar *) "oasis-xml-catalog"

typedef enum {
    XML_CATA_ALLOW_NONE = 0,
    XML_CATA_ALLOW_GLOBAL = 1,
    XML_CATA_ALLOW_DOCUMENT = 2,
    XML_CATA_ALLOW_ALL = 3
} xmlCatalogAllow;
typedef struct _xmlCatalog xmlCatalog;
typedef xmlCatalog *xmlCatalogPtr;
typedef enum {
    XML_CATA_PREFER_NONE = 0,
    XML_CATA_PREFER_PUBLIC = 1,
    XML_CATA_PREFER_SYSTEM = 2
} xmlCatalogPrefer;
extern int xmlACatalogAdd(xmlCatalogPtr catal, const xmlChar *
type,
                          const xmlChar * orig, const xmlChar *
replace);
extern void xmlACatalogDump(xmlCatalogPtr catal, FILE * out);
extern int xmlACatalogRemove(xmlCatalogPtr catal, const xmlChar *
value);
```

```
extern xmlChar *xmlACatalogResolve(xmlCatalogPtr catal,
                                   const xmlChar * pubID,
                                   const xmlChar * sysID);
extern xmlChar *xmlACatalogResolvePublic(xmlCatalogPtr catal,
                                         const xmlChar * pubID);
extern xmlChar *xmlACatalogResolveSystem(xmlCatalogPtr catal,
                                         const xmlChar * sysID);
extern xmlChar *xmlACatalogResolveURI(xmlCatalogPtr catal,
                                      const xmlChar * URI);
extern int xmlCatalogAdd(const xmlChar * type, const xmlChar *
orig,
                         const xmlChar * replace);
extern void *xmlCatalogAddLocal(void *catalogs, const xmlChar *
URL);
extern void xmlCatalogCleanup(void);
extern int xmlCatalogConvert(void);
extern void xmlCatalogDump(FILE * out);
extern void xmlCatalogFreeLocal(void *catalogs);
extern xmlCatalogAllow xmlCatalogGetDefaults(void);
extern int xmlCatalogIsEmpty(xmlCatalogPtr catal);
extern xmlChar *xmlCatalogLocalResolve(void *catalogs,
                                       const xmlChar * pubID,
                                       const xmlChar * sysID);
extern xmlChar *xmlCatalogLocalResolveURI(void *catalogs,
                                          const xmlChar * URI);
extern int xmlCatalogRemove(const xmlChar * value);
extern xmlChar *xmlCatalogResolve(const xmlChar * pubID,
                                  const xmlChar * sysID);
extern xmlChar *xmlCatalogResolvePublic(const xmlChar * pubID);
extern xmlChar *xmlCatalogResolveSystem(const xmlChar * sysID);
extern xmlChar *xmlCatalogResolveURI(const xmlChar * URI);
extern int xmlCatalogSetDebug(int level);
extern                                          xmlCatalogPrefer
xmlCatalogSetDefaultPrefer(xmlCatalogPrefer
                                            prefer);
extern void xmlCatalogSetDefaults(xmlCatalogAllow allow);
extern int xmlConvertSGMLCatalog(xmlCatalogPtr catal);
extern void xmlFreeCatalog(xmlCatalogPtr catal);
extern void xmlInitializeCatalog(void);
extern xmlCatalogPtr xmlLoadACatalog(const char *filename);
extern int xmlLoadCatalog(const char *filename);
extern void xmlLoadCatalogs(const char *paths);
extern    xmlCatalogPtr    xmlLoadSGMLSuperCatalog(const    char
*filename);
extern xmlCatalogPtr xmlNewCatalog(int sgml);
extern xmlDocPtr xmlParseCatalogFile(const char *filename);
```

19.2.6 libxml2/libxml/debugXML.h

```
typedef char *(*xmlShellReadlineFunc) (char *);
typedef struct _xmlShellCtxt {
    char *filename;
    xmlDocPtr doc;
    xmlNodePtr node;
    xmlXPathContextPtr pctxt;
    int loaded;
    FILE *output;
    xmlShellReadlineFunc input;
} xmlShellCtxt;
typedef xmlShellCtxt *xmlShellCtxtPtr;
typedef int (*xmlShellCmd) (xmlShellCtxtPtr, char *, xmlNodePtr,
                            xmlNodePtr);
extern const char *xmlBoolToText(int boolval);
extern int xmlDebugCheckDocument(FILE * output, xmlDocPtr doc);
```

```
extern void xmlDebugDumpAttr(FILE * output, xmlAttrPtr attr, int
depth);
extern void xmlDebugDumpAttrList(FILE * output, xmlAttrPtr attr,
                                 int depth);
extern void xmlDebugDumpDTD(FILE * output, xmlDtdPtr dtd);
extern void xmlDebugDumpDocument(FILE * output, xmlDocPtr doc);
extern  void  xmlDebugDumpDocumentHead(FILE  *  output,  xmlDocPtr
doc);
extern void xmlDebugDumpEntities(FILE * output, xmlDocPtr doc);
extern void xmlDebugDumpNode(FILE * output, xmlNodePtr node, int
depth);
extern void xmlDebugDumpNodeList(FILE * output, xmlNodePtr node,
                                 int depth);
extern void xmlDebugDumpOneNode(FILE * output, xmlNodePtr node,
int depth);
extern void xmlDebugDumpString(FILE * output, const xmlChar *
str);
extern int xmlLsCountNode(xmlNodePtr node);
extern void xmlLsOneNode(FILE * output, xmlNodePtr node);
extern void xmlShell(xmlDocPtr doc, char *filename,
                     xmlShellReadlineFunc input, FILE * output);
extern   int   xmlShellBase(xmlShellCtxtPtr   ctxt,   char   *arg,
xmlNodePtr node,
                        xmlNodePtr node2);
extern   int   xmlShellCat(xmlShellCtxtPtr   ctxt,   char   *arg,
xmlNodePtr node,
                       xmlNodePtr node2);
extern   int   xmlShellDir(xmlShellCtxtPtr   ctxt,   char   *arg,
xmlNodePtr node,
                       xmlNodePtr node2);
extern int xmlShellDu(xmlShellCtxtPtr ctxt, char *arg, xmlNodePtr
tree,
                      xmlNodePtr node2);
extern   int   xmlShellList(xmlShellCtxtPtr   ctxt,   char   *arg,
xmlNodePtr node,
                        xmlNodePtr node2);
extern int xmlShellLoad(xmlShellCtxtPtr ctxt, char *filename,
                        xmlNodePtr node, xmlNodePtr node2);
extern void xmlShellPrintNode(xmlNodePtr node);
extern  void  xmlShellPrintXPathError(int  errorType,  const  char
*arg);
extern void xmlShellPrintXPathResult(xmlXPathObjectPtr list);
extern  int  xmlShellPwd(xmlShellCtxtPtr  ctxt,  char  *buffer,
xmlNodePtr node,
                       xmlNodePtr node2);
extern int xmlShellSave(xmlShellCtxtPtr ctxt, char *filename,
                        xmlNodePtr node, xmlNodePtr node2);
extern int xmlShellValidate(xmlShellCtxtPtr ctxt, char *dtd,
                            xmlNodePtr node, xmlNodePtr node2);
extern int xmlShellWrite(xmlShellCtxtPtr ctxt, char *filename,
                         xmlNodePtr node, xmlNodePtr node2);
```

19.2.7 libxml2/libxml/dict.h

```
typedef struct _xmlDict xmlDict;
typedef xmlDict *xmlDictPtr;
extern void xmlDictCleanup(void);
extern xmlDictPtr xmlDictCreate(void);
extern xmlDictPtr xmlDictCreateSub(xmlDictPtr);
extern const xmlChar *xmlDictExists(xmlDictPtr, const xmlChar *,
int);
extern void xmlDictFree(xmlDictPtr);
extern const xmlChar *xmlDictLookup(xmlDictPtr, const xmlChar *,
int);
```

```
extern int xmlDictOwns(xmlDictPtr, const xmlChar *);
extern const xmlChar *xmlDictQLookup(xmlDictPtr, const xmlChar *,
                                     const xmlChar *);
extern int xmlDictReference(xmlDictPtr);
extern int xmlDictSize(xmlDictPtr);
```

19.2.8 libxml2/libxml/encoding.h

```
typedef enum {
    XML_CHAR_ENCODING_ERROR = -1,
    XML_CHAR_ENCODING_NONE = 0,
    XML_CHAR_ENCODING_UTF8 = 1,
    XML_CHAR_ENCODING_UTF16LE = 2,
    XML_CHAR_ENCODING_UTF16BE = 3,
    XML_CHAR_ENCODING_UCS4LE = 4,
    XML_CHAR_ENCODING_UCS4BE = 5,
    XML_CHAR_ENCODING_EBCDIC = 6,
    XML_CHAR_ENCODING_UCS4_2143 = 7,
    XML_CHAR_ENCODING_UCS4_3412 = 8,
    XML_CHAR_ENCODING_UCS2 = 9,
    XML_CHAR_ENCODING_8859_1 = 10,
    XML_CHAR_ENCODING_8859_2 = 11,
    XML_CHAR_ENCODING_8859_3 = 12,
    XML_CHAR_ENCODING_8859_4 = 13,
    XML_CHAR_ENCODING_8859_5 = 14,
    XML_CHAR_ENCODING_8859_6 = 15,
    XML_CHAR_ENCODING_8859_7 = 16,
    XML_CHAR_ENCODING_8859_8 = 17,
    XML_CHAR_ENCODING_8859_9 = 18,
    XML_CHAR_ENCODING_2022_JP = 19,
    XML_CHAR_ENCODING_SHIFT_JIS = 20,
    XML_CHAR_ENCODING_EUC_JP = 21,
    XML_CHAR_ENCODING_ASCII = 22
} xmlCharEncoding;
extern int UTF8Toisolat1(unsigned char *out, int *outlen,
                         const unsigned char *in, int *inlen);
extern int isolat1ToUTF8(unsigned char *out, int *outlen,
                         const unsigned char *in, int *inlen);
extern  int  xmlAddEncodingAlias(const  char  *name,  const  char
*alias);
extern int xmlCharEncCloseFunc(xmlCharEncodingHandler * handler);
extern int xmlCharEncFirstLine(xmlCharEncodingHandler * handler,
                                  xmlBufferPtr out, xmlBufferPtr
in);
extern int xmlCharEncInFunc(xmlCharEncodingHandler * handler,
                            xmlBufferPtr out, xmlBufferPtr in);
extern int xmlCharEncOutFunc(xmlCharEncodingHandler * handler,
                             xmlBufferPtr out, xmlBufferPtr in);
extern void xmlCleanupCharEncodingHandlers(void);
extern void xmlCleanupEncodingAliases(void);
extern int xmlDelEncodingAlias(const char *alias);
extern  xmlCharEncoding  xmlDetectCharEncoding(const  unsigned  char
*in,
                                               int len);
extern  xmlCharEncodingHandlerPtr  xmlFindCharEncodingHandler(const
char
                                                              *name
);
extern                                    xmlCharEncodingHandlerPtr
xmlGetCharEncodingHandler(xmlCharEncoding
                                                            enc);
extern const char *xmlGetCharEncodingName(xmlCharEncoding enc);
extern const char *xmlGetEncodingAlias(const char *alias);
extern void xmlInitCharEncodingHandlers(void);
```

```
extern  xmlCharEncodingHandlerPtr  xmlNewCharEncodingHandler(const
char
                                                            *name,
                                                             xmlCha
rEncodingInputFunc
                                                            input,
                                                             xmlCha
rEncodingOutputFunc
                                                             output
);
extern xmlCharEncoding xmlParseCharEncoding(const char *name);
extern                                                        void
xmlRegisterCharEncodingHandler(xmlCharEncodingHandlerPtr
                                          handler);
```

19.2.9 libxml2/libxml/entities.h

```
typedef enum {
    XML_INTERNAL_GENERAL_ENTITY = 1,
    XML_EXTERNAL_GENERAL_PARSED_ENTITY = 2,
    XML_EXTERNAL_GENERAL_UNPARSED_ENTITY = 3,
    XML_INTERNAL_PARAMETER_ENTITY = 4,
    XML_EXTERNAL_PARAMETER_ENTITY = 5,
    XML_INTERNAL_PREDEFINED_ENTITY = 6
} xmlEntityType;
typedef struct _xmlEntity {
    void *_private;
    xmlElementType type;
    const xmlChar *name;
    struct _xmlNode *children;
    struct _xmlNode *last;
    struct _xmlDtd *parent;
    struct _xmlNode *next;
    struct _xmlNode *prev;
    struct _xmlDoc *doc;
    xmlChar *orig;
    xmlChar *content;
    int length;
    xmlEntityType etype;
    const xmlChar *ExternalID;
    const xmlChar *SystemID;
    struct _xmlEntity *nexte;
    const xmlChar *URI;
    int owner;
} xmlEntity;
typedef xmlEntity *xmlEntityPtr;
typedef struct _xmlHashTable xmlEntitiesTable;
typedef xmlEntitiesTable *xmlEntitiesTablePtr;
extern xmlEntityPtr xmlAddDocEntity(xmlDocPtr doc, const xmlChar
* name,
                                    int type, const xmlChar *
ExternalID,
                                 const xmlChar * SystemID,
                                 const xmlChar * content);
extern xmlEntityPtr xmlAddDtdEntity(xmlDocPtr doc, const xmlChar
* name,
                                    int type, const xmlChar *
ExternalID,
                                 const xmlChar * SystemID,
                                 const xmlChar * content);
extern                                      xmlEntitiesTablePtr
xmlCopyEntitiesTable(xmlEntitiesTablePtr table);
extern void xmlDumpEntitiesTable(xmlBufferPtr buf,
                                 xmlEntitiesTablePtr table);
```

```
extern  void  xmlDumpEntityDecl(xmlBufferPtr  buf,  xmlEntityPtr
ent);
extern xmlChar *xmlEncodeEntitiesReentrant(xmlDocPtr doc,
                                                const xmlChar *
input);
extern xmlChar *xmlEncodeSpecialChars(xmlDocPtr doc,
                                      const xmlChar * input);
extern void xmlFreeEntitiesTable(xmlEntitiesTablePtr table);
extern xmlEntityPtr xmlGetDocEntity(xmlDocPtr doc, const xmlChar
* name);
extern xmlEntityPtr xmlGetDtdEntity(xmlDocPtr doc, const xmlChar
* name);
extern xmlEntityPtr xmlGetParameterEntity(xmlDocPtr doc,
                                          const xmlChar * name);
extern xmlEntityPtr xmlGetPredefinedEntity(const xmlChar * name);
```

19.2.10 libxml2/libxml/globals.h

```
#define xmlDeregisterNodeDefaultValue    \
        (*(__xmlDeregisterNodeDefaultValue()))
#define xmlDoValidityCheckingDefaultValue        \
        (*(__xmlDoValidityCheckingDefaultValue()))
#define xmlOutputBufferCreateFilenameValue       \
        (*(__xmlOutputBufferCreateFilenameValue()))
#define xmlParserInputBufferCreateFilenameValue  \
        (*(__xmlParserInputBufferCreateFilenameValue()))
#define xmlPedanticParserDefaultValue    \
        (*(__xmlPedanticParserDefaultValue()))
#define xmlSubstituteEntitiesDefaultValue        \
        (*(__xmlSubstituteEntitiesDefaultValue()))
#define docbDefaultSAXHandler   (*(__docbDefaultSAXHandler()))
#define htmlDefaultSAXHandler   (*(__htmlDefaultSAXHandler()))
#define oldXMLWDcompatibility   (*(__oldXMLWDcompatibility()))
#define xmlBufferAllocScheme    (*(__xmlBufferAllocScheme()))
#define xmlDefaultBufferSize    (*(__xmlDefaultBufferSize()))
#define xmlDefaultSAXHandler    (*(__xmlDefaultSAXHandler()))
#define xmlDefaultSAXLocator    (*(__xmlDefaultSAXLocator()))
#define xmlGenericError (*(__xmlGenericError()))
#define xmlGenericErrorContext  (*(__xmlGenericErrorContext()))
#define                                  xmlGetWarningsDefaultValue
(*(__xmlGetWarningsDefaultValue()))
#define xmlIndentTreeOutput     (*(__xmlIndentTreeOutput()))
#define                                   xmlKeepBlanksDefaultValue
(*(__xmlKeepBlanksDefaultValue()))
#define xmlLastError    (*(__xmlLastError()))
#define                                 xmlLineNumbersDefaultValue
(*(__xmlLineNumbersDefaultValue()))
#define                                    xmlLoadExtDtdDefaultValue
(*(__xmlLoadExtDtdDefaultValue()))
#define xmlParserDebugEntities  (*(__xmlParserDebugEntities()))
#define xmlParserVersion        (*(__xmlParserVersion()))
#define                                  xmlRegisterNodeDefaultValue
(*(__xmlRegisterNodeDefaultValue()))
#define xmlSaveNoEmptyTags      (*(__xmlSaveNoEmptyTags()))
#define xmlStructuredError      (*(__xmlStructuredError()))
#define xmlTreeIndentString     (*(__xmlTreeIndentString()))

typedef     xmlOutputBufferPtr(*xmlOutputBufferCreateFilenameFunc)
(const char
                                                                  *
,
                                                                  x
mlCharEncodingHandlerPtr,
                                                                  i
```

```
nt);
typedef void (*xmlRegisterNodeFunc) (xmlNodePtr);
typedef
xmlParserInputBufferPtr(*xmlParserInputBufferCreateFilenameFunc)
(const

char *,

xmlCharEncoding);
typedef struct _xmlSAXHandlerV1 {
    internalSubsetSAXFunc internalSubset;
    isStandaloneSAXFunc isStandalone;
    hasInternalSubsetSAXFunc hasInternalSubset;
    hasExternalSubsetSAXFunc hasExternalSubset;
    resolveEntitySAXFunc resolveEntity;
    getEntitySAXFunc getEntity;
    entityDeclSAXFunc entityDecl;
    notationDeclSAXFunc notationDecl;
    attributeDeclSAXFunc attributeDecl;
    elementDeclSAXFunc elementDecl;
    unparsedEntityDeclSAXFunc unparsedEntityDecl;
    setDocumentLocatorSAXFunc setDocumentLocator;
    startDocumentSAXFunc startDocument;
    endDocumentSAXFunc endDocument;
    startElementSAXFunc startElement;
    endElementSAXFunc endElement;
    referenceSAXFunc reference;
    charactersSAXFunc characters;
    ignorableWhitespaceSAXFunc ignorableWhitespace;
    processingInstructionSAXFunc processingInstruction;
    commentSAXFunc comment;
    warningSAXFunc warning;
    errorSAXFunc error;
    fatalErrorSAXFunc fatalError;
    getParameterEntitySAXFunc getParameterEntity;
    cdataBlockSAXFunc cdataBlock;
    externalSubsetSAXFunc externalSubset;
    unsigned int initialized;
} xmlSAXHandlerV1;
typedef void (*xmlDeregisterNodeFunc) (xmlNodePtr);
typedef struct _xmlGlobalState xmlGlobalState;
typedef xmlGlobalState *xmlGlobalStatePtr;
extern xmlSAXHandlerV1 *__docbDefaultSAXHandler(void);
extern xmlSAXHandlerV1 *__htmlDefaultSAXHandler(void);
extern int *__oldXMLWDcompatibility(void);
extern xmlBufferAllocationScheme *__xmlBufferAllocScheme(void);
extern int *__xmlDefaultBufferSize(void);
extern xmlSAXHandlerV1 *__xmlDefaultSAXHandler(void);
extern xmlSAXLocator *__xmlDefaultSAXLocator(void);
extern                                      xmlDeregisterNodeFunc
*__xmlDeregisterNodeDefaultValue(void);
extern int *__xmlDoValidityCheckingDefaultValue(void);
extern xmlGenericErrorFunc *__xmlGenericError(void);
extern void **__xmlGenericErrorContext(void);
extern int *__xmlGetWarningsDefaultValue(void);
extern int *__xmlIndentTreeOutput(void);
extern int *__xmlKeepBlanksDefaultValue(void);
extern xmlError *__xmlLastError(void);
extern int *__xmlLineNumbersDefaultValue(void);
extern int *__xmlLoadExtDtdDefaultValue(void);
extern xmlOutputBufferCreateFilenameFunc
    *__xmlOutputBufferCreateFilenameValue(void);
extern int *__xmlParserDebugEntities(void);
extern xmlParserInputBufferCreateFilenameFunc
    *__xmlParserInputBufferCreateFilenameValue(void);
extern const char **__xmlParserVersion(void);
```

```
extern int *__xmlPedanticParserDefaultValue(void);
extern xmlRegisterNodeFunc *__xmlRegisterNodeDefaultValue(void);
extern int *__xmlSaveNoEmptyTags(void);
extern xmlStructuredErrorFunc *__xmlStructuredError(void);
extern int *__xmlSubstituteEntitiesDefaultValue(void);
extern const char **__xmlTreeIndentString(void);
extern void xmlCleanupGlobals(void);
extern                                      xmlDeregisterNodeFunc
xmlDeregisterNodeDefault(xmlDeregisterNodeFunc
                                                        func);
extern xmlFreeFunc xmlFree;
extern void xmlInitGlobals(void);
extern void xmlInitializeGlobalState(xmlGlobalStatePtr gs);
extern xmlMallocFunc xmlMalloc;
extern xmlMallocFunc xmlMallocAtomic;
extern xmlStrdupFunc xmlMemStrdup;
extern xmlOutputBufferCreateFilenameFunc
xmlOutputBufferCreateFilenameDefault(xmlOutputBufferCreateFilenam
eFunc
                                     func);
extern                                    xmlParserInputBufferPtr
xmlParserInputBufferCreateFilename(const

char

*URI,

xmlCharEncoding

enc);
extern xmlParserInputBufferCreateFilenameFunc
xmlParserInputBufferCreateFilenameDefault
(xmlParserInputBufferCreateFilenameFunc func);
extern xmlReallocFunc xmlRealloc;
extern                                        xmlRegisterNodeFunc
xmlRegisterNodeDefault(xmlRegisterNodeFunc
                                                   func);
extern xmlBufferAllocationScheme
xmlThrDefBufferAllocScheme(xmlBufferAllocationScheme v);
extern int xmlThrDefDefaultBufferSize(int v);
extern xmlDeregisterNodeFunc
xmlThrDefDeregisterNodeDefault(xmlDeregisterNodeFunc func);
extern int xmlThrDefDoValidityCheckingDefaultValue(int v);
extern int xmlThrDefGetWarningsDefaultValue(int v);
extern int xmlThrDefIndentTreeOutput(int v);
extern int xmlThrDefKeepBlanksDefaultValue(int v);
extern int xmlThrDefLineNumbersDefaultValue(int v);
extern int xmlThrDefLoadExtDtdDefaultValue(int v);
extern xmlOutputBufferCreateFilenameFunc
xmlThrDefOutputBufferCreateFilenameDefault
(xmlOutputBufferCreateFilenameFunc func);
extern int xmlThrDefParserDebugEntities(int v);
extern xmlParserInputBufferCreateFilenameFunc
xmlThrDefParserInputBufferCreateFilenameDefault
(xmlParserInputBufferCreateFilenameFunc func);
extern int xmlThrDefPedanticParserDefaultValue(int v);
extern                                        xmlRegisterNodeFunc
xmlThrDefRegisterNodeDefault(xmlRegisterNodeFunc
                                                     func);
extern int xmlThrDefSaveNoEmptyTags(int v);
extern void xmlThrDefSetGenericErrorFunc(void *ctx,
                                                   xmlGenericErrorFunc
handler);
extern void xmlThrDefSetStructuredErrorFunc(void *ctx,
                                            xmlStructuredErrorFun
c
```

```
                                                handler);
extern int xmlThrDefSubstituteEntitiesDefaultValue(int v);
extern const char *xmlThrDefTreeIndentString(const char *v);
```

19.2.11 libxml2/libxml/hash.h

```
#define XML_CAST_FPTR(fptr)     fptr

typedef struct _xmlHashTable xmlHashTable;
typedef xmlHashTable *xmlHashTablePtr;
typedef void (*xmlHashDeallocator) (void *, xmlChar *);
typedef void (*xmlHashScannerFull) (void *, void *, const xmlChar
*,
                                                const xmlChar *, const
xmlChar *);
typedef void *(*xmlHashCopier) (void *, xmlChar *);
typedef void (*xmlHashScanner) (void *, void *, xmlChar *);
extern int xmlHashAddEntry(xmlHashTablePtr table, const xmlChar *
name,
                           void *userdata);
extern int xmlHashAddEntry2(xmlHashTablePtr table, const xmlChar
* name,
                                    const xmlChar * name2, void
*userdata);
extern int xmlHashAddEntry3(xmlHashTablePtr table, const xmlChar
* name,
                            const xmlChar * name2, const xmlChar
* name3,
                           void *userdata);
extern    xmlHashTablePtr    xmlHashCopy(xmlHashTablePtr    table,
xmlHashCopier f);
extern xmlHashTablePtr xmlHashCreate(int size);
extern  xmlHashTablePtr  xmlHashCreateDict(int  size,  xmlDictPtr
dict);
extern void xmlHashFree(xmlHashTablePtr table, xmlHashDeallocator
f);
extern void *xmlHashLookup(xmlHashTablePtr table, const xmlChar *
name);
extern void *xmlHashLookup2(xmlHashTablePtr table, const xmlChar
* name,
                            const xmlChar * name2);
extern void *xmlHashLookup3(xmlHashTablePtr table, const xmlChar
* name,
                            const xmlChar * name2, const xmlChar
* name3);
extern void *xmlHashQLookup(xmlHashTablePtr table, const xmlChar
* name,
                           const xmlChar * prefix);
extern void *xmlHashQLookup2(xmlHashTablePtr table, const xmlChar
* name,
                                    const xmlChar * prefix, const
xmlChar * name2,
                            const xmlChar * prefix2);
extern void *xmlHashQLookup3(xmlHashTablePtr table, const xmlChar
* name,
                                    const xmlChar * prefix, const
xmlChar * name2,
                            const xmlChar * prefix2,
                            const xmlChar * name3,
                            const xmlChar * prefix3);
extern   int   xmlHashRemoveEntry(xmlHashTablePtr   table,   const
xmlChar * name,
                             xmlHashDeallocator f);
extern   int   xmlHashRemoveEntry2(xmlHashTablePtr   table,   const
```

```
xmlChar * name,
                                const xmlChar * name2,
                                xmlHashDeallocator f);
extern   int   xmlHashRemoveEntry3(xmlHashTablePtr   table,   const
xmlChar * name,
                                const xmlChar * name2,
                                const xmlChar * name3,
                                xmlHashDeallocator f);
extern void xmlHashScan(xmlHashTablePtr table, xmlHashScanner f,
                        void *data);
extern  void  xmlHashScan3(xmlHashTablePtr  table,  const  xmlChar  *
name,
                           const xmlChar * name2, const xmlChar *
name3,
                           xmlHashScanner f, void *data);
extern      void      xmlHashScanFull(xmlHashTablePtr      table,
xmlHashScannerFull f,
                            void *data);
extern void xmlHashScanFull3(xmlHashTablePtr table, const xmlChar
* name,
                             const xmlChar * name2, const xmlChar
* name3,
                             xmlHashScannerFull f, void *data);
extern int xmlHashSize(xmlHashTablePtr table);
extern   int   xmlHashUpdateEntry(xmlHashTablePtr   table,   const
xmlChar * name,
                                 void *userdata, xmlHashDeallocator
f);
extern   int   xmlHashUpdateEntry2(xmlHashTablePtr   table,   const
xmlChar * name,
                                       const xmlChar * name2, void
*userdata,
                                xmlHashDeallocator f);
extern   int   xmlHashUpdateEntry3(xmlHashTablePtr   table,   const
xmlChar * name,
                                const xmlChar * name2,
                                       const xmlChar * name3, void
*userdata,
                                xmlHashDeallocator f);
```

19.2.12 libxml2/libxml/list.h

```
typedef struct _xmlList xmlList;
typedef xmlList *xmlListPtr;
typedef struct _xmlLink xmlLink;
typedef xmlLink *xmlLinkPtr;
typedef int (*xmlListWalker) (const void *, const void *);
typedef void (*xmlListDeallocator) (xmlLinkPtr);
typedef int (*xmlListDataCompare) (const void *, const void *);
extern void *xmlLinkGetData(xmlLinkPtr lk);
extern int xmlListAppend(xmlListPtr l, void *data);
extern void xmlListClear(xmlListPtr l);
extern int xmlListCopy(xmlListPtr cur, const xmlListPtr old);
extern xmlListPtr xmlListCreate(xmlListDeallocator deallocator,
                                xmlListDataCompare compare);
extern void xmlListDelete(xmlListPtr l);
extern xmlListPtr xmlListDup(const xmlListPtr old);
extern int xmlListEmpty(xmlListPtr l);
extern xmlLinkPtr xmlListEnd(xmlListPtr l);
extern xmlLinkPtr xmlListFront(xmlListPtr l);
extern int xmlListInsert(xmlListPtr l, void *data);
extern void xmlListMerge(xmlListPtr l1, xmlListPtr l2);
extern void xmlListPopBack(xmlListPtr l);
extern void xmlListPopFront(xmlListPtr l);
```

```
extern int xmlListPushBack(xmlListPtr l, void *data);
extern int xmlListPushFront(xmlListPtr l, void *data);
extern int xmlListRemoveAll(xmlListPtr l, void *data);
extern int xmlListRemoveFirst(xmlListPtr l, void *data);
extern int xmlListRemoveLast(xmlListPtr l, void *data);
extern void xmlListReverse(xmlListPtr l);
extern void *xmlListReverseSearch(xmlListPtr l, void *data);
extern   void   xmlListReverseWalk(xmlListPtr   l,   xmlListWalker
walker,
                              const void *user);
extern void *xmlListSearch(xmlListPtr l, void *data);
extern int xmlListSize(xmlListPtr l);
extern void xmlListSort(xmlListPtr l);
extern void xmlListWalk(xmlListPtr l, xmlListWalker walker,
                        const void *user);
```

19.2.13 libxml2/libxml/parser.h

```
#define XML_DEFAULT_VERSION     "1.0"
#define XML_SAX2_MAGIC  0xDEEDBEAF
#define XML_DETECT_IDS  2
#define XML_COMPLETE_ATTRS      4
#define XML_SKIP_IDS    8

typedef xmlSAXHandler *xmlSAXHandlerPtr;
typedef xmlParserNodeInfoSeq *xmlParserNodeInfoSeqPtr;
typedef  xmlParserInputPtr(*xmlExternalEntityLoader)  (const  char
*,
                                                       const char
*,
                                                      xmlParserCtx
tPtr);
typedef xmlParserNodeInfo *xmlParserNodeInfoPtr;
typedef enum {
    XML_WITH_THREAD = 1,
    XML_WITH_TREE = 2,
    XML_WITH_OUTPUT = 3,
    XML_WITH_PUSH = 4,
    XML_WITH_READER = 5,
    XML_WITH_PATTERN = 6,
    XML_WITH_WRITER = 7,
    XML_WITH_SAX1 = 8,
    XML_WITH_FTP = 9,
    XML_WITH_HTTP = 10,
    XML_WITH_VALID = 11,
    XML_WITH_HTML = 12,
    XML_WITH_LEGACY = 13,
    XML_WITH_C14N = 14,
    XML_WITH_CATALOG = 15,
    XML_WITH_XPATH = 16,
    XML_WITH_XPTR = 17,
    XML_WITH_XINCLUDE = 18,
    XML_WITH_ICONV = 19,
    XML_WITH_ISO8859X = 20,
    XML_WITH_UNICODE = 21,
    XML_WITH_REGEXP = 22,
    XML_WITH_AUTOMATA = 23,
    XML_WITH_EXPR = 24,
    XML_WITH_SCHEMAS = 25,
    XML_WITH_SCHEMATRON = 26,
    XML_WITH_MODULES = 27,
    XML_WITH_DEBUG = 28,
    XML_WITH_DEBUG_MEM = 29,
    XML_WITH_DEBUG_RUN = 30,
```

```
    XML_WITH_NONE = 99999
} xmlFeature;
typedef enum {
    XML_PARSE_RECOVER = 1 << 0,
    XML_PARSE_NOENT = 1 << 1,
    XML_PARSE_DTDLOAD = 1 << 2,
    XML_PARSE_DTDATTR = 1 << 3,
    XML_PARSE_DTDVALID = 1 << 4,
    XML_PARSE_NOERROR = 1 << 5,
    XML_PARSE_NOWARNING = 1 << 6,
    XML_PARSE_PEDANTIC = 1 << 7,
    XML_PARSE_NOBLANKS = 1 << 8,
    XML_PARSE_SAX1 = 1 << 9,
    XML_PARSE_XINCLUDE = 1 << 10,
    XML_PARSE_NONET = 1 << 11,
    XML_PARSE_NODICT = 1 << 12,
    XML_PARSE_NSCLEAN = 1 << 13,
    XML_PARSE_NOCDATA = 1 << 14,
    XML_PARSE_NOXINCNODE = 1 << 15,
    XML_PARSE_COMPACT = 1 << 16
} xmlParserOption;
extern long int xmlByteConsumed(xmlParserCtxtPtr ctxt);
extern void xmlCleanupParser(void);
extern void xmlClearNodeInfoSeq(xmlParserNodeInfoSeqPtr seq);
extern void xmlClearParserCtxt(xmlParserCtxtPtr ctxt);
extern  xmlParserCtxtPtr  xmlCreateDocParserCtxt(const  xmlChar  *
cur);
extern   xmlParserCtxtPtr   xmlCreateIOParserCtxt(xmlSAXHandlerPtr
sax,
                                                  void *user_data,
                                                   xmlInputReadCallbac
k ioread,
                                                   xmlInputCloseCallba
ck
                                                         ioclose, void
*ioctx,
                                                      xmlCharEncoding
enc);
extern  xmlParserCtxtPtr  xmlCreatePushParserCtxt(xmlSAXHandlerPtr
sax,
                                                    void *user_data,
                                                           const char
*chunk,
                                                    int size,
                                                           const char
*filename);
extern  xmlDocPtr  xmlCtxtReadDoc(xmlParserCtxtPtr  ctxt,  const
xmlChar * cur,
                                        const char *URL, const char
*encoding,
                                   int options);
extern xmlDocPtr xmlCtxtReadFd(xmlParserCtxtPtr ctxt, int fd,
                                        const char *URL, const char
*encoding,
                                  int options);
extern xmlDocPtr xmlCtxtReadFile(xmlParserCtxtPtr ctxt,
                                   const char *filename,
                                          const char *encoding, int
options);
extern xmlDocPtr xmlCtxtReadIO(xmlParserCtxtPtr ctxt,
                                  xmlInputReadCallback ioread,
                                      xmlInputCloseCallback ioclose,
void *ioctx,
                                        const char *URL, const char
*encoding,
                                  int options);
```

```
extern xmlDocPtr xmlCtxtReadMemory(xmlParserCtxtPtr ctxt,
                                   const char *buffer, int size,
                                      const char *URL, const char
*encoding,
                                   int options);
extern void xmlCtxtReset(xmlParserCtxtPtr ctxt);
extern  int  xmlCtxtResetPush(xmlParserCtxtPtr  ctxt,  const  char
*chunk,
                              int size, const char *filename,
                              const char *encoding);
extern int xmlCtxtUseOptions(xmlParserCtxtPtr ctxt, int options);
extern void xmlFreeParserCtxt(xmlParserCtxtPtr ctxt);
extern xmlExternalEntityLoader xmlGetExternalEntityLoader(void);
extern int xmlHasFeature(xmlFeature feature);
extern xmlDtdPtr xmlIOParseDTD(xmlSAXHandlerPtr sax,
                               xmlParserInputBufferPtr input,
                               xmlCharEncoding enc);
extern void xmlInitNodeInfoSeq(xmlParserNodeInfoSeqPtr seq);
extern void xmlInitParser(void);
extern int xmlInitParserCtxt(xmlParserCtxtPtr ctxt);
extern int xmlKeepBlanksDefault(int val);
extern int xmlLineNumbersDefault(int val);
extern xmlParserInputPtr xmlLoadExternalEntity(const char *URL,
                                               const char *ID,
                                                  xmlParserCtxtPtr
ctxt);
extern   xmlParserInputPtr   xmlNewIOInputStream(xmlParserCtxtPtr
ctxt,
                                                 xmlParserInputBuffer
Ptr input,
                                                      xmlCharEncoding
enc);
extern xmlParserCtxtPtr xmlNewParserCtxt(void);
extern     int     xmlParseBalancedChunkMemory(xmlDocPtr     doc,
xmlSAXHandlerPtr sax,
                                               void *user_data, int
depth,
                                         const xmlChar * string,
                                         xmlNodePtr * lst);
extern int xmlParseBalancedChunkMemoryRecover(xmlDocPtr doc,
                                                  xmlSAXHandlerPtr
sax,
                                                  void *user_data,
int depth,
                                                   const xmlChar *
string,
                                                 xmlNodePtr * lst,
                                                 int recover);
extern  int  xmlParseChunk(xmlParserCtxtPtr  ctxt,  const  char
*chunk,
                           int size, int terminate);
extern int xmlParseCtxtExternalEntity(xmlParserCtxtPtr ctx,
                                      const xmlChar * URL,
                                      const xmlChar * ID,
                                      xmlNodePtr * lst);
extern xmlDtdPtr xmlParseDTD(const xmlChar * ExternalID,
                             const xmlChar * SystemID);
extern xmlDocPtr xmlParseDoc(const xmlChar * cur);
extern int xmlParseDocument(xmlParserCtxtPtr ctxt);
extern xmlDocPtr xmlParseEntity(const char *filename);
extern int xmlParseExtParsedEnt(xmlParserCtxtPtr ctxt);
extern int xmlParseExternalEntity(xmlDocPtr doc, xmlSAXHandlerPtr
sax,
                                  void *user_data, int depth,
                                       const xmlChar * URL, const
xmlChar * ID,
```

```
                                    xmlNodePtr * lst);
extern xmlDocPtr xmlParseFile(const char *filename);
extern xmlParserErrors xmlParseInNodeContext(xmlNodePtr node,
                                                 const char *data,
int datalen,
                                                int options,
                                                xmlNodePtr * lst);
extern xmlDocPtr xmlParseMemory(const char *buffer, int size);
extern void xmlParserAddNodeInfo(xmlParserCtxtPtr ctxt,
                                          const xmlParserNodeInfoPtr
info);
extern const xmlParserNodeInfo *xmlParserFindNodeInfo(const
                                                       xmlParserCt
xtPtr
                                                       ctxt,
                                                             const
xmlNodePtr
                                                       node);
extern long unsigned int xmlParserFindNodeInfoIndex(const
                                                      xmlParserNode
InfoSeqPtr
                                                      seq,
                                                              const
xmlNodePtr node);
extern int xmlParserInputGrow(xmlParserInputPtr in, int len);
extern int xmlParserInputRead(xmlParserInputPtr in, int len);
extern int xmlPedanticParserDefault(int val);
extern xmlDocPtr xmlReadDoc(const xmlChar * cur, const char *URL,
                            const char *encoding, int options);
extern xmlDocPtr xmlReadFd(int fd, const char *URL, const char
*encoding,
                           int options);
extern xmlDocPtr xmlReadFile(const char *URL, const char
*encoding,
                             int options);
extern xmlDocPtr xmlReadIO(xmlInputReadCallback ioread,
                           xmlInputCloseCallback ioclose, void
*ioctx,
                           const char *URL, const char *encoding,
                           int options);
extern xmlDocPtr xmlReadMemory(const char *buffer, int size,
                                    const char *URL, const char
*encoding,
                                int options);
extern xmlDocPtr xmlRecoverDoc(xmlChar * cur);
extern xmlDocPtr xmlRecoverFile(const char *filename);
extern xmlDocPtr xmlRecoverMemory(const char *buffer, int size);
extern xmlDtdPtr xmlSAXParseDTD(xmlSAXHandlerPtr sax,
                                const xmlChar * ExternalID,
                                const xmlChar * SystemID);
extern xmlDocPtr xmlSAXParseDoc(xmlSAXHandlerPtr sax, const
xmlChar * cur,
                                int recovery);
extern xmlDocPtr xmlSAXParseEntity(xmlSAXHandlerPtr sax,
                                   const char *filename);
extern xmlDocPtr xmlSAXParseFile(xmlSAXHandlerPtr sax,
                                    const char *filename, int
recovery);
extern xmlDocPtr xmlSAXParseFileWithData(xmlSAXHandlerPtr sax,
                                     const char *filename,
                                           int recovery, void
*data);
extern xmlDocPtr xmlSAXParseMemory(xmlSAXHandlerPtr sax,
                                   const char *buffer, int size,
                                   int recovery);
extern xmlDocPtr xmlSAXParseMemoryWithData(xmlSAXHandlerPtr sax,
```

```
                                                const char *buffer,
int size,
                                                 int recovery, void
*data);
extern   int   xmlSAXUserParseFile(xmlSAXHandlerPtr   sax,   void
*user_data,
                                const char *filename);
extern   int   xmlSAXUserParseMemory(xmlSAXHandlerPtr   sax,   void
*user_data,
                                  const char *buffer, int size);
extern   void   xmlSetExternalEntityLoader(xmlExternalEntityLoader
f);
extern void xmlSetupParserForBuffer(xmlParserCtxtPtr ctxt,
                                    const xmlChar * buffer,
                                    const char *filename);
extern void xmlStopParser(xmlParserCtxtPtr ctxt);
extern int xmlSubstituteEntitiesDefault(int val);
```

19.2.14 libxml2/libxml/parserInternals.h

```
#define IS_ASCII_LETTER(c)       \
         (((0x41 <= (c)) && ((c) <= 0x5a)) || ((0x61 <= (c)) &&
((c) <= \
        0x7a)))
#define SKIP_EOL(p)      \
         if (*(p) == 0x13) { p++ ; if (*(p) == 0x10) p++; } if
(*(p) == 0x10) \
        { p++ ; if (*(p) == 0x13) p++; }
#define IS_ASCII_DIGIT(c)       ((0x30 <= (c)) && ((c) <= 0x39))
#define IS_LETTER(c)    (IS_BASECHAR(c) || IS_IDEOGRAPHIC(c))
#define IS_COMBINING_CH(c)      0
#define XML_SUBSTITUTE_NONE     0
#define XML_SUBSTITUTE_REF      1
#define XML_MAX_NAMELEN 100
#define XML_SUBSTITUTE_PEREF    2
#define INPUT_CHUNK     250
#define XML_SUBSTITUTE_BOTH     3
#define MOVETO_STARTTAG(p)      while ((*p) && (*(p) != '<')) (p)
++
#define MOVETO_ENDTAG(p)        while ((*p) && (*(p) != '>')) (p)
++
#define IS_BASECHAR(c)  xmlIsBaseCharQ(c)
#define IS_LETTER_CH(c) xmlIsBaseChar_ch(c)
#define IS_BLANK(c)     xmlIsBlankQ(c)
#define IS_BLANK_CH(c)  xmlIsBlank_ch(c)
#define IS_CHAR(c)      xmlIsCharQ(c)
#define IS_BYTE_CHAR(c) xmlIsChar_ch(c)
#define IS_CHAR_CH(c)   xmlIsChar_ch(c)
#define IS_COMBINING(c) xmlIsCombiningQ(c)
#define IS_DIGIT(c)     xmlIsDigitQ(c)
#define IS_DIGIT_CH(c)  xmlIsDigit_ch(c)
#define IS_EXTENDER(c)  xmlIsExtenderQ(c)
#define IS_EXTENDER_CH(c)       xmlIsExtender_ch(c)
#define IS_IDEOGRAPHIC(c)       xmlIsIdeographicQ(c)
#define IS_PUBIDCHAR(c) xmlIsPubidCharQ(c)
#define IS_PUBIDCHAR_CH(c)      xmlIsPubidChar_ch(c)

typedef void (*xmlEntityReferenceFunc) (xmlEntityPtr, xmlNodePtr,
                                        xmlNodePtr);
extern   htmlParserCtxtPtr   htmlCreateFileParserCtxt(const   char
*filename,
                                                      const char
*encoding);
extern void htmlInitAutoClose(void);
```

```
extern xmlParserInputPtr inputPop(xmlParserCtxtPtr ctxt);
extern  int  inputPush(xmlParserCtxtPtr  ctxt,  xmlParserInputPtr
value);
extern const xmlChar *namePop(xmlParserCtxtPtr ctxt);
extern  int  namePush(xmlParserCtxtPtr  ctxt,  const  xmlChar  *
value);
extern xmlNodePtr nodePop(xmlParserCtxtPtr ctxt);
extern int nodePush(xmlParserCtxtPtr ctxt, xmlNodePtr value);
extern int xmlCopyChar(int len, xmlChar * out, int val);
extern int xmlCopyCharMultiByte(xmlChar * out, int val);
extern xmlParserCtxtPtr xmlCreateEntityParserCtxt(const xmlChar *
URL,
                                                  const xmlChar *
ID,
                                                  const xmlChar *
base);
extern   xmlParserCtxtPtr   xmlCreateFileParserCtxt(const   char
*filename);
extern  xmlParserCtxtPtr  xmlCreateMemoryParserCtxt(const  char
*buffer,
                                                 int size);
extern   xmlParserCtxtPtr   xmlCreateURLParserCtxt(const   char
*filename,
                                                int options);
extern int xmlCurrentChar(xmlParserCtxtPtr ctxt, int *len);
extern void xmlFreeInputStream(xmlParserInputPtr input);
extern int xmlIsLetter(int c);
extern xmlParserInputPtr xmlNewEntityInputStream(xmlParserCtxtPtr
ctxt,
                                                    xmlEntityPtr
entity);
extern  xmlParserInputPtr  xmlNewInputFromFile(xmlParserCtxtPtr
ctxt,
                                                     const char
*filename);
extern   xmlParserInputPtr   xmlNewInputStream(xmlParserCtxtPtr
ctxt);
extern xmlParserInputPtr xmlNewStringInputStream(xmlParserCtxtPtr
ctxt,
                                                  const xmlChar *
buffer);
extern void xmlNextChar(xmlParserCtxtPtr ctxt);
extern xmlChar *xmlParseAttValue(xmlParserCtxtPtr ctxt);
extern const xmlChar *xmlParseAttribute(xmlParserCtxtPtr ctxt,
                                        xmlChar * *value);
extern void xmlParseAttributeListDecl(xmlParserCtxtPtr ctxt);
extern int xmlParseAttributeType(xmlParserCtxtPtr ctxt,
                                 xmlEnumerationPtr * tree);
extern void xmlParseCDSect(xmlParserCtxtPtr ctxt);
extern void xmlParseCharData(xmlParserCtxtPtr ctxt, int cdata);
extern int xmlParseCharRef(xmlParserCtxtPtr ctxt);
extern void xmlParseComment(xmlParserCtxtPtr ctxt);
extern void xmlParseContent(xmlParserCtxtPtr ctxt);
extern  int  xmlParseDefaultDecl(xmlParserCtxtPtr  ctxt,  xmlChar  *
*value);
extern void xmlParseDocTypeDecl(xmlParserCtxtPtr ctxt);
extern void xmlParseElement(xmlParserCtxtPtr ctxt);
extern xmlElementContentPtr
xmlParseElementChildrenContentDecl(xmlParserCtxtPtr   ctxt,   int
inputchk);
extern int xmlParseElementContentDecl(xmlParserCtxtPtr ctxt,
                                      const xmlChar * name,
                                           xmlElementContentPtr *
result);
extern int xmlParseElementDecl(xmlParserCtxtPtr ctxt);
extern xmlElementContentPtr
```

```
xmlParseElementMixedContentDecl(xmlParserCtxtPtr     ctxt,     int
inputchk);
extern xmlChar *xmlParseEncName(xmlParserCtxtPtr ctxt);
extern   const   xmlChar   *xmlParseEncodingDecl(xmlParserCtxtPtr
ctxt);
extern void xmlParseEndTag(xmlParserCtxtPtr ctxt);
extern void xmlParseEntityDecl(xmlParserCtxtPtr ctxt);
extern xmlEntityPtr xmlParseEntityRef(xmlParserCtxtPtr ctxt);
extern xmlChar *xmlParseEntityValue(xmlParserCtxtPtr ctxt,
                                    xmlChar * *orig);
extern int xmlParseEnumeratedType(xmlParserCtxtPtr ctxt,
                                  xmlEnumerationPtr * tree);
extern  xmlEnumerationPtr  xmlParseEnumerationType(xmlParserCtxtPtr
ctxt);
extern xmlChar *xmlParseExternalID(xmlParserCtxtPtr ctxt,
                                       xmlChar * *publicID, int
strict);
extern void xmlParseExternalSubset(xmlParserCtxtPtr ctxt,
                                   const xmlChar * ExternalID,
                                   const xmlChar * SystemID);
extern void xmlParseMarkupDecl(xmlParserCtxtPtr ctxt);
extern void xmlParseMisc(xmlParserCtxtPtr ctxt);
extern const xmlChar *xmlParseName(xmlParserCtxtPtr ctxt);
extern xmlChar *xmlParseNmtoken(xmlParserCtxtPtr ctxt);
extern void xmlParseNotationDecl(xmlParserCtxtPtr ctxt);
extern   xmlEnumerationPtr   xmlParseNotationType(xmlParserCtxtPtr
ctxt);
extern void xmlParsePEReference(xmlParserCtxtPtr ctxt);
extern void xmlParsePI(xmlParserCtxtPtr ctxt);
extern const xmlChar *xmlParsePITarget(xmlParserCtxtPtr ctxt);
extern xmlChar *xmlParsePubidLiteral(xmlParserCtxtPtr ctxt);
extern void xmlParseReference(xmlParserCtxtPtr ctxt);
extern int xmlParseSDDecl(xmlParserCtxtPtr ctxt);
extern const xmlChar *xmlParseStartTag(xmlParserCtxtPtr ctxt);
extern xmlChar *xmlParseSystemLiteral(xmlParserCtxtPtr ctxt);
extern void xmlParseTextDecl(xmlParserCtxtPtr ctxt);
extern xmlChar *xmlParseVersionInfo(xmlParserCtxtPtr ctxt);
extern xmlChar *xmlParseVersionNum(xmlParserCtxtPtr ctxt);
extern void xmlParseXMLDecl(xmlParserCtxtPtr ctxt);
extern void xmlParserHandlePEReference(xmlParserCtxtPtr ctxt);
extern void xmlParserInputShrink(xmlParserInputPtr in);
extern unsigned int xmlParserMaxDepth;
extern xmlChar xmlPopInput(xmlParserCtxtPtr ctxt);
extern void xmlPushInput(xmlParserCtxtPtr ctxt, xmlParserInputPtr
input);
extern    void    xmlSetEntityReferenceFunc(xmlEntityReferenceFunc
func);
extern int xmlSkipBlankChars(xmlParserCtxtPtr ctxt);
extern   xmlChar   *xmlSplitQName(xmlParserCtxtPtr   ctxt,   const
xmlChar * name,
                                  xmlChar * *prefix);
extern const xmlChar const xmlStringComment[];
extern  int  xmlStringCurrentChar(xmlParserCtxtPtr  ctxt,  const
xmlChar * cur,
                                  int *len);
extern xmlChar *xmlStringDecodeEntities(xmlParserCtxtPtr ctxt,
                                        const xmlChar * str, int
what,
                                           xmlChar end, xmlChar
end2,
                                        xmlChar end3);
extern xmlChar *xmlStringLenDecodeEntities(xmlParserCtxtPtr ctxt,
                                           const xmlChar * str,
int len,
                                         int what, xmlChar end,
                                           xmlChar end2, xmlChar
```

```
end3);
extern const xmlChar const xmlStringText[];
extern const xmlChar const xmlStringTextNoenc[];
extern      int      xmlSwitchEncoding(xmlParserCtxtPtr      ctxt,
xmlCharEncoding enc);
extern int xmlSwitchInputEncoding(xmlParserCtxtPtr ctxt,
                                  xmlParserInputPtr input,
                                        xmlCharEncodingHandlerPtr
handler);
extern int xmlSwitchToEncoding(xmlParserCtxtPtr ctxt,
                                        xmlCharEncodingHandlerPtr
handler);
```

19.2.15 libxml2/libxml/pattern.h

```
typedef struct _xmlStreamCtxt xmlStreamCtxt;
typedef xmlStreamCtxt *xmlStreamCtxtPtr;
typedef struct _xmlPattern xmlPattern;
typedef xmlPattern *xmlPatternPtr;
typedef enum {
    XML_PATTERN_DEFAULT = 0,
    XML_PATTERN_XPATH = 1 << 0,
    XML_PATTERN_XSSEL = 1 << 1,
    XML_PATTERN_XSFIELD = 1 << 2
} xmlPatternFlags;
extern void xmlFreePattern(xmlPatternPtr comp);
extern void xmlFreePatternList(xmlPatternPtr comp);
extern void xmlFreeStreamCtxt(xmlStreamCtxtPtr stream);
extern int xmlPatternFromRoot(xmlPatternPtr comp);
extern   xmlStreamCtxtPtr   xmlPatternGetStreamCtxt(xmlPatternPtr
comp);
extern int xmlPatternMatch(xmlPatternPtr comp, xmlNodePtr node);
extern int xmlPatternMaxDepth(xmlPatternPtr comp);
extern int xmlPatternMinDepth(xmlPatternPtr comp);
extern int xmlPatternStreamable(xmlPatternPtr comp);
extern xmlPatternPtr xmlPatterncompile(const xmlChar * pattern,
                                       xmlDict * dict, int flags,
                                            const xmlChar *
*namespaces);
extern int xmlStreamPop(xmlStreamCtxtPtr stream);
extern int xmlStreamPush(xmlStreamCtxtPtr stream, const xmlChar *
name,
                         const xmlChar * ns);
extern   int   xmlStreamPushAttr(xmlStreamCtxtPtr   stream,   const
xmlChar * name,
                            const xmlChar * ns);
```

19.2.16 libxml2/libxml/relaxng.h

```
typedef struct _xmlRelaxNGParserCtxt xmlRelaxNGParserCtxt;
typedef xmlRelaxNGParserCtxt *xmlRelaxNGParserCtxtPtr;
typedef struct _xmlRelaxNGValidCtxt xmlRelaxNGValidCtxt;
typedef xmlRelaxNGValidCtxt *xmlRelaxNGValidCtxtPtr;
typedef struct _xmlRelaxNG xmlRelaxNG;
typedef xmlRelaxNG *xmlRelaxNGPtr;
typedef  void  (*xmlRelaxNGValidityErrorFunc)  (void  *,  const  char
*, ...);
typedef void (*xmlRelaxNGValidityWarningFunc) (void *, const char
*, ...);
typedef enum {
    XML_RELAXNG_OK = 0,
    XML_RELAXNG_ERR_MEMORY,
    XML_RELAXNG_ERR_TYPE,
```

```
    XML_RELAXNG_ERR_TYPEVAL,
    XML_RELAXNG_ERR_DUPID,
    XML_RELAXNG_ERR_TYPECMP,
    XML_RELAXNG_ERR_NOSTATE,
    XML_RELAXNG_ERR_NODEFINE,
    XML_RELAXNG_ERR_LISTEXTRA,
    XML_RELAXNG_ERR_LISTEMPTY,
    XML_RELAXNG_ERR_INTERNODATA,
    XML_RELAXNG_ERR_INTERSEQ,
    XML_RELAXNG_ERR_INTEREXTRA,
    XML_RELAXNG_ERR_ELEMNAME,
    XML_RELAXNG_ERR_ATTRNAME,
    XML_RELAXNG_ERR_ELEMNONS,
    XML_RELAXNG_ERR_ATTRNONS,
    XML_RELAXNG_ERR_ELEMWRONGNS,
    XML_RELAXNG_ERR_ATTRWRONGNS,
    XML_RELAXNG_ERR_ELEMEXTRANS,
    XML_RELAXNG_ERR_ATTREXTRANS,
    XML_RELAXNG_ERR_ELEMNOTEMPTY,
    XML_RELAXNG_ERR_NOELEM,
    XML_RELAXNG_ERR_NOTELEM,
    XML_RELAXNG_ERR_ATTRVALID,
    XML_RELAXNG_ERR_CONTENTVALID,
    XML_RELAXNG_ERR_EXTRACONTENT,
    XML_RELAXNG_ERR_INVALIDATTR,
    XML_RELAXNG_ERR_DATAELEM,
    XML_RELAXNG_ERR_VALELEM,
    XML_RELAXNG_ERR_LISTELEM,
    XML_RELAXNG_ERR_DATATYPE,
    XML_RELAXNG_ERR_VALUE,
    XML_RELAXNG_ERR_LIST,
    XML_RELAXNG_ERR_NOGRAMMAR,
    XML_RELAXNG_ERR_EXTRADATA,
    XML_RELAXNG_ERR_LACKDATA,
    XML_RELAXNG_ERR_INTERNAL,
    XML_RELAXNG_ERR_ELEMWRONG,
    XML_RELAXNG_ERR_TEXTWRONG
} xmlRelaxNGValidErr;
typedef enum {
    XML_RELAXNGP_NONE = 0,
    XML_RELAXNGP_FREE_DOC = 1,
    XML_RELAXNGP_CRNG = 2
} xmlRelaxNGParserFlag;
extern void xmlRelaxNGCleanupTypes(void);
extern void xmlRelaxNGDump(FILE * output, xmlRelaxNGPtr schema);
extern  void  xmlRelaxNGDumpTree(FILE  *  output,  xmlRelaxNGPtr
schema);
extern void xmlRelaxNGFree(xmlRelaxNGPtr schema);
extern    void    xmlRelaxNGFreeParserCtxt(xmlRelaxNGParserCtxtPtr
ctxt);
extern void xmlRelaxNGFreeValidCtxt(xmlRelaxNGValidCtxtPtr ctxt);
extern    int    xmlRelaxNGGetParserErrors(xmlRelaxNGParserCtxtPtr
ctxt,
                                           xmlRelaxNGValidityErrorFunc
* err,
                                          xmlRelaxNGValidityWarningFun
c * warn,
                                          void **ctx);
extern int xmlRelaxNGGetValidErrors(xmlRelaxNGValidCtxtPtr ctxt,
                                    xmlRelaxNGValidityErrorFunc *
err,
                                    xmlRelaxNGValidityWarningFunc
* warn,
                                   void **ctx);
extern int xmlRelaxNGInitTypes(void);
extern                                      xmlRelaxNGParserCtxtPtr
```

```
xmlRelaxNGNewDocParserCtxt(xmlDocPtr doc);
extern  xmlRelaxNGParserCtxtPtr  xmlRelaxNGNewMemParserCtxt(const
char
                                                            *buffer
,
                                                               int
size);
extern xmlRelaxNGParserCtxtPtr xmlRelaxNGNewParserCtxt(const char
*URL);
extern                                          xmlRelaxNGValidCtxtPtr
xmlRelaxNGNewValidCtxt(xmlRelaxNGPtr schema);
extern    xmlRelaxNGPtr    xmlRelaxNGParse(xmlRelaxNGParserCtxtPtr
ctxt);
extern   void   xmlRelaxNGSetParserErrors(xmlRelaxNGParserCtxtPtr
ctxt,
                                        xmlRelaxNGValidityErrorFunc
err,
                                        xmlRelaxNGValidityWarningFu
nc warn,
                                       void *ctx);
extern void xmlRelaxNGSetValidErrors(xmlRelaxNGValidCtxtPtr ctxt,
                                        xmlRelaxNGValidityErrorFunc
err,
                                       xmlRelaxNGValidityWarningFun
c warn,
                                      void *ctx);
extern                                                          void
xmlRelaxNGSetValidStructuredErrors(xmlRelaxNGValidCtxtPtr ctxt,
                                                 xmlStructuredError
Func
                                                       serror, void
*ctx);
extern int xmlRelaxNGValidateDoc(xmlRelaxNGValidCtxtPtr ctxt,
                                  xmlDocPtr doc);
extern  int  xmlRelaxNGValidateFullElement(xmlRelaxNGValidCtxtPtr
ctxt,
                                                       xmlDocPtr doc,
xmlNodePtr elem);
extern   int   xmlRelaxNGValidatePopElement(xmlRelaxNGValidCtxtPtr
ctxt,
                                          xmlDocPtr doc, xmlNodePtr
elem);
extern   int   xmlRelaxNGValidatePushCData(xmlRelaxNGValidCtxtPtr
ctxt,
                                         const xmlChar * data, int
len);
extern  int  xmlRelaxNGValidatePushElement(xmlRelaxNGValidCtxtPtr
ctxt,
                                                       xmlDocPtr doc,
xmlNodePtr elem);
extern  int  xmlRelaxParserSetFlag(xmlRelaxNGParserCtxtPtr  ctxt,
int flag);
```

19.2.17 libxml2/libxml/schematron.h

```
typedef struct _xmlSchematronValidCtxt xmlSchematronValidCtxt;
typedef xmlSchematronValidCtxt *xmlSchematronValidCtxtPtr;
typedef struct _xmlSchematron xmlSchematron;
typedef xmlSchematron *xmlSchematronPtr;
typedef struct _xmlSchematronParserCtxt xmlSchematronParserCtxt;
typedef xmlSchematronParserCtxt *xmlSchematronParserCtxtPtr;
typedef enum {
    XML_SCHEMATRON_OUT_QUIET = 1 << 0,
    XML_SCHEMATRON_OUT_TEXT = 1 << 1,
```

```
    XML_SCHEMATRON_OUT_XML = 1 << 2,
    XML_SCHEMATRON_OUT_FILE = 1 << 8,
    XML_SCHEMATRON_OUT_BUFFER = 1 << 9,
    XML_SCHEMATRON_OUT_IO = 1 << 10
} xmlSchematronValidOptions;
extern void xmlSchematronFree(xmlSchematronPtr schema);
extern                                                          void
xmlSchematronFreeParserCtxt(xmlSchematronParserCtxtPtr ctxt);
extern  void  xmlSchematronFreeValidCtxt(xmlSchematronValidCtxtPtr
ctxt);
extern                                      xmlSchematronParserCtxtPtr
xmlSchematronNewDocParserCtxt(xmlDocPtr
                                                                  d
oc);
extern                                      xmlSchematronParserCtxtPtr
xmlSchematronNewMemParserCtxt(const char
                                                                  *
buffer,
                                                                  i
nt size);
extern                                      xmlSchematronParserCtxtPtr
xmlSchematronNewParserCtxt(const char
                                                                *URL
);
extern                                       xmlSchematronValidCtxtPtr
xmlSchematronNewValidCtxt(xmlSchematronPtr
                                                              schema
,
                                                                int
options);
extern                                                 xmlSchematronPtr
xmlSchematronParse(xmlSchematronParserCtxtPtr
                                            ctxt);
extern   int   xmlSchematronValidateDoc(xmlSchematronValidCtxtPtr
ctxt,
                                     xmlDocPtr instance);
```

19.2.18 libxml2/libxml/threads.h

```
typedef struct _xmlRMutex xmlRMutex;
typedef xmlRMutex *xmlRMutexPtr;
typedef struct _xmlMutex xmlMutex;
typedef xmlMutex *xmlMutexPtr;
extern void xmlCleanupThreads(void);
extern void xmlFreeMutex(xmlMutexPtr tok);
extern void xmlFreeRMutex(xmlRMutexPtr tok);
extern xmlGlobalStatePtr xmlGetGlobalState(void);
extern int xmlGetThreadId(void);
extern void xmlInitThreads(void);
extern int xmlIsMainThread(void);
extern void xmlLockLibrary(void);
extern void xmlMutexLock(xmlMutexPtr tok);
extern void xmlMutexUnlock(xmlMutexPtr tok);
extern xmlMutexPtr xmlNewMutex(void);
extern xmlRMutexPtr xmlNewRMutex(void);
extern void xmlRMutexLock(xmlRMutexPtr tok);
extern void xmlRMutexUnlock(xmlRMutexPtr tok);
extern void xmlUnlockLibrary(void);
```

19.2.19 libxml2/libxml/tree.h

```
#define XML_GET_CONTENT(n)       \
        ((n)->type == XML_ELEMENT_NODE ? NULL : (n)->content)
```

```
#define XML_XML_NAMESPACE        \
        (const xmlChar *) "http://www.w3.org/XML/1998/namespace"
#define XML_XML_ID      (const xmlChar *) "xml:id"
#define XML_GET_LINE(n) (xmlGetLineNo(n))
#define BASE_BUFFER_SIZE        4096
#define xmlChildrenNode children
#define xmlRootNode     children
#define XML_LOCAL_NAMESPACE     XML_NAMESPACE_DECL

typedef enum {
    XML_BUFFER_ALLOC_DOUBLEIT = 0,
    XML_BUFFER_ALLOC_EXACT = 1,
    XML_BUFFER_ALLOC_IMMUTABLE = 2
} xmlBufferAllocationScheme;
typedef struct _xmlBuffer {
    xmlChar *content;
    unsigned int use;
    unsigned int size;
    xmlBufferAllocationScheme alloc;
} xmlBuffer;
typedef xmlBuffer *xmlBufferPtr;
typedef enum {
    XML_ELEMENT_NODE = 1,
    XML_ATTRIBUTE_NODE = 2,
    XML_TEXT_NODE = 3,
    XML_CDATA_SECTION_NODE = 4,
    XML_ENTITY_REF_NODE = 5,
    XML_ENTITY_NODE = 6,
    XML_PI_NODE = 7,
    XML_COMMENT_NODE = 8,
    XML_DOCUMENT_NODE = 9,
    XML_DOCUMENT_TYPE_NODE = 10,
    XML_DOCUMENT_FRAG_NODE = 11,
    XML_NOTATION_NODE = 12,
    XML_HTML_DOCUMENT_NODE = 13,
    XML_DTD_NODE = 14,
    XML_ELEMENT_DECL = 15,
    XML_ATTRIBUTE_DECL = 16,
    XML_ENTITY_DECL = 17,
    XML_NAMESPACE_DECL = 18,
    XML_XINCLUDE_START = 19,
    XML_XINCLUDE_END = 20,
    XML_DOCB_DOCUMENT_NODE = 21
} xmlElementType;
typedef xmlElementType xmlNsType;
typedef struct _xmlNs {
    struct _xmlNs *next;
    xmlNsType type;
    const xmlChar *href;
    const xmlChar *prefix;
    void *_private;
} xmlNs;
typedef enum {
    XML_ATTRIBUTE_CDATA = 1,
    XML_ATTRIBUTE_ID = 2,
    XML_ATTRIBUTE_IDREF = 3,
    XML_ATTRIBUTE_IDREFS = 4,
    XML_ATTRIBUTE_ENTITY = 5,
    XML_ATTRIBUTE_ENTITIES = 6,
    XML_ATTRIBUTE_NMTOKEN = 7,
    XML_ATTRIBUTE_NMTOKENS = 8,
    XML_ATTRIBUTE_ENUMERATION = 9,
    XML_ATTRIBUTE_NOTATION = 10
} xmlAttributeType;
typedef struct _xmlNode {
    void *_private;
```

```
    xmlElementType type;
    const xmlChar *name;
    struct _xmlNode *children;
    struct _xmlNode *last;
    struct _xmlNode *parent;
    struct _xmlNode *next;
    struct _xmlNode *prev;
    struct _xmlDoc *doc;
    xmlNs *ns;
    xmlChar *content;
    struct _xmlAttr *properties;
    xmlNs *nsDef;
    void *psvi;
    unsigned short line;
    unsigned short extra;
} xmlNode;
typedef xmlNode *xmlNodePtr;
typedef struct _xmlDoc {
    void *_private;
    xmlElementType type;
    char *name;
    struct _xmlNode *children;
    struct _xmlNode *last;
    struct _xmlNode *parent;
    struct _xmlNode *next;
    struct _xmlNode *prev;
    struct _xmlDoc *doc;
    int compression;
    int standalone;
    struct _xmlDtd *intSubset;
    struct _xmlDtd *extSubset;
    struct _xmlNs *oldNs;
    const xmlChar *version;
    const xmlChar *encoding;
    void *ids;
    void *refs;
    const xmlChar *URL;
    int charset;
    struct _xmlDict *dict;
    void *psvi;
} xmlDoc;
typedef xmlDoc *xmlDocPtr;
typedef xmlNs *xmlNsPtr;
typedef struct _xmlDtd {
    void *_private;
    xmlElementType type;
    const xmlChar *name;
    struct _xmlNode *children;
    struct _xmlNode *last;
    struct _xmlDoc *parent;
    struct _xmlNode *next;
    struct _xmlNode *prev;
    struct _xmlDoc *doc;
    void *notations;
    void *elements;
    void *attributes;
    void *entities;
    const xmlChar *ExternalID;
    const xmlChar *SystemID;
    void *pentities;
} xmlDtd;
typedef xmlDtd *xmlDtdPtr;
typedef struct _xmlDOMWrapCtxt {
    void *_private;
} xmlDOMWrapCtxt;
typedef xmlDOMWrapCtxt *xmlDOMWrapCtxtPtr;
```

```
typedef struct _xmlAttr {
    void *_private;
    xmlElementType type;
    const xmlChar *name;
    struct _xmlNode *children;
    struct _xmlNode *last;
    struct _xmlNode *parent;
    struct _xmlAttr *next;
    struct _xmlAttr *prev;
    struct _xmlDoc *doc;
    xmlNs *ns;
    xmlAttributeType atype;
    void *psvi;
} xmlAttr;
typedef xmlAttr *xmlAttrPtr;
typedef int (*xmlOutputWriteCallback) (void *, const char *,
int);
typedef int (*xmlOutputCloseCallback) (void *);
typedef int (*xmlCharEncodingInputFunc) (unsigned char *, int *,
                                         const unsigned char *,
int *);
typedef int (*xmlCharEncodingOutputFunc) (unsigned char *, int *,
                                          const unsigned char *,
int *);
typedef struct _xmlCharEncodingHandler {
    char *name;
    xmlCharEncodingInputFunc input;
    xmlCharEncodingOutputFunc output;
    iconv_t iconv_in;
    iconv_t iconv_out;
} xmlCharEncodingHandler;
typedef xmlCharEncodingHandler *xmlCharEncodingHandlerPtr;
typedef struct _xmlOutputBuffer {
    void *context;
    xmlOutputWriteCallback writecallback;
    xmlOutputCloseCallback closecallback;
    xmlCharEncodingHandlerPtr encoder;
    xmlBufferPtr buffer;
    xmlBufferPtr conv;
    int written;
    int error;
} xmlOutputBuffer;
typedef xmlOutputBuffer *xmlOutputBufferPtr;
extern xmlNodePtr xmlAddChild(xmlNodePtr parent, xmlNodePtr cur);
extern xmlNodePtr xmlAddChildList(xmlNodePtr parent, xmlNodePtr
cur);
extern xmlNodePtr xmlAddNextSibling(xmlNodePtr cur, xmlNodePtr
elem);
extern xmlNodePtr xmlAddPrevSibling(xmlNodePtr cur, xmlNodePtr
elem);
extern xmlNodePtr xmlAddSibling(xmlNodePtr cur, xmlNodePtr elem);
extern    void    xmlAttrSerializeTxtContent(xmlBufferPtr    buf,
xmlDocPtr doc,
                                             xmlAttrPtr attr,
                                             const xmlChar * string);
extern int xmlBufferAdd(xmlBufferPtr buf, const xmlChar * str,
int len);
extern int xmlBufferAddHead(xmlBufferPtr buf, const xmlChar *
str,
                            int len);
extern int xmlBufferCCat(xmlBufferPtr buf, const char *str);
extern int xmlBufferCat(xmlBufferPtr buf, const xmlChar * str);
extern const xmlChar *xmlBufferContent(const xmlBufferPtr buf);
extern xmlBufferPtr xmlBufferCreate(void);
extern xmlBufferPtr xmlBufferCreateSize(size_t size);
extern   xmlBufferPtr   xmlBufferCreateStatic(void   *mem,   size_t
```

```
size);
extern int xmlBufferDump(FILE * file, xmlBufferPtr buf);
extern void xmlBufferEmpty(xmlBufferPtr buf);
extern void xmlBufferFree(xmlBufferPtr buf);
extern int xmlBufferGrow(xmlBufferPtr buf, unsigned int len);
extern int xmlBufferLength(const xmlBufferPtr buf);
extern int xmlBufferResize(xmlBufferPtr buf, unsigned int size);
extern void xmlBufferSetAllocationScheme(xmlBufferPtr buf,
                                         xmlBufferAllocationSchem
e scheme);
extern int xmlBufferShrink(xmlBufferPtr buf, unsigned int len);
extern void xmlBufferWriteCHAR(xmlBufferPtr buf, const xmlChar *
string);
extern void xmlBufferWriteChar(xmlBufferPtr buf, const char
*string);
extern void xmlBufferWriteQuotedString(xmlBufferPtr buf,
                                       const xmlChar * string);
extern xmlChar *xmlBuildQName(const xmlChar * ncname,
                              const xmlChar * prefix, xmlChar *
memory,
                              int len);
extern xmlDocPtr xmlCopyDoc(xmlDocPtr doc, int recursive);
extern xmlDtdPtr xmlCopyDtd(xmlDtdPtr dtd);
extern xmlNsPtr xmlCopyNamespace(xmlNsPtr cur);
extern xmlNsPtr xmlCopyNamespaceList(xmlNsPtr cur);
extern xmlNodePtr xmlCopyNode(const xmlNodePtr node, int
recursive);
extern xmlNodePtr xmlCopyNodeList(const xmlNodePtr node);
extern xmlAttrPtr xmlCopyProp(xmlNodePtr target, xmlAttrPtr cur);
extern xmlAttrPtr xmlCopyPropList(xmlNodePtr target, xmlAttrPtr
cur);
extern xmlDtdPtr xmlCreateIntSubset(xmlDocPtr doc, const xmlChar
* name,
                                    const xmlChar * ExternalID,
                                    const xmlChar * SystemID);
extern void xmlDOMWrapFreeCtxt(xmlDOMWrapCtxtPtr ctxt);
extern xmlDOMWrapCtxtPtr xmlDOMWrapNewCtxt(void);
extern xmlNodePtr xmlDocCopyNode(const xmlNodePtr node, xmlDocPtr
doc,
                                 int recursive);
extern xmlNodePtr xmlDocCopyNodeList(xmlDocPtr doc, const
xmlNodePtr node);
extern int xmlDocDump(FILE * f, xmlDocPtr cur);
extern void xmlDocDumpFormatMemory(xmlDocPtr cur, xmlChar * *mem,
                                   int *size, int format);
extern void xmlDocDumpFormatMemoryEnc(xmlDocPtr out_doc,
                                      xmlChar * *doc_txt_ptr,
                                      int *doc_txt_len,
                                      const char *txt_encoding,
                                      int format);
extern void xmlDocDumpMemory(xmlDocPtr cur, xmlChar * *mem, int
*size);
extern void xmlDocDumpMemoryEnc(xmlDocPtr out_doc, xmlChar *
*doc_txt_ptr,
                                int *doc_txt_len,
                                const char *txt_encoding);
extern int xmlDocFormatDump(FILE * f, xmlDocPtr cur, int format);
extern xmlNodePtr xmlDocGetRootElement(xmlDocPtr doc);
extern xmlNodePtr xmlDocSetRootElement(xmlDocPtr doc, xmlNodePtr
root);
extern void xmlElemDump(FILE * f, xmlDocPtr doc, xmlNodePtr cur);
extern void xmlFreeDoc(xmlDocPtr cur);
extern void xmlFreeDtd(xmlDtdPtr cur);
extern void xmlFreeNode(xmlNodePtr cur);
extern void xmlFreeNodeList(xmlNodePtr cur);
extern void xmlFreeNs(xmlNsPtr cur);
```

```
extern void xmlFreeNsList(xmlNsPtr cur);
extern void xmlFreeProp(xmlAttrPtr cur);
extern void xmlFreePropList(xmlAttrPtr cur);
extern                                    xmlBufferAllocationScheme
xmlGetBufferAllocationScheme(void);
extern int xmlGetCompressMode(void);
extern int xmlGetDocCompressMode(xmlDocPtr doc);
extern xmlDtdPtr xmlGetIntSubset(xmlDocPtr doc);
extern xmlNodePtr xmlGetLastChild(xmlNodePtr parent);
extern long int xmlGetLineNo(xmlNodePtr node);
extern  xmlChar  *xmlGetNoNsProp(xmlNodePtr  node,  const  xmlChar  *
name);
extern xmlChar *xmlGetNodePath(xmlNodePtr node);
extern xmlNsPtr *xmlGetNsList(xmlDocPtr doc, xmlNodePtr node);
extern  xmlChar  *xmlGetNsProp(xmlNodePtr  node,  const  xmlChar  *
name,
                               const xmlChar * nameSpace);
extern  xmlChar  *xmlGetProp(xmlNodePtr  node,  const  xmlChar  *
name);
extern  xmlAttrPtr  xmlHasNsProp(xmlNodePtr  node,  const  xmlChar  *
name,
                                 const xmlChar * nameSpace);
extern  xmlAttrPtr  xmlHasProp(xmlNodePtr  node,  const  xmlChar  *
name);
extern int xmlIsBlankNode(xmlNodePtr node);
extern  int  xmlIsXHTML(const  xmlChar  *  systemID,  const  xmlChar  *
publicID);
extern xmlNodePtr xmlNewCDataBlock(xmlDocPtr doc, const xmlChar *
content,
                                   int len);
extern  xmlNodePtr  xmlNewCharRef(xmlDocPtr  doc,  const  xmlChar  *
name);
extern xmlNodePtr xmlNewChild(xmlNodePtr parent, xmlNsPtr ns,
                              const xmlChar * name,
                              const xmlChar * content);
extern xmlNodePtr xmlNewComment(const xmlChar * content);
extern xmlDocPtr xmlNewDoc(const xmlChar * version);
extern xmlNodePtr xmlNewDocComment(xmlDocPtr doc, const xmlChar *
content);
extern xmlNodePtr xmlNewDocFragment(xmlDocPtr doc);
extern xmlNodePtr xmlNewDocNode(xmlDocPtr doc, xmlNsPtr ns,
                                const xmlChar * name,
                                const xmlChar * content);
extern  xmlNodePtr  xmlNewDocNodeEatName(xmlDocPtr  doc,  xmlNsPtr
ns,
                                         xmlChar * name,
                                         const xmlChar * content);
extern  xmlNodePtr  xmlNewDocPI(xmlDocPtr  doc,  const  xmlChar  *
name,
                                const xmlChar * content);
extern  xmlAttrPtr  xmlNewDocProp(xmlDocPtr  doc,  const  xmlChar  *
name,
                                  const xmlChar * value);
extern xmlNodePtr xmlNewDocRawNode(xmlDocPtr doc, xmlNsPtr ns,
                                   const xmlChar * name,
                                   const xmlChar * content);
extern  xmlNodePtr  xmlNewDocText(xmlDocPtr  doc,  const  xmlChar  *
content);
extern xmlNodePtr xmlNewDocTextLen(xmlDocPtr doc, const xmlChar *
content,
                                   int len);
extern xmlDtdPtr xmlNewDtd(xmlDocPtr doc, const xmlChar * name,
                           const xmlChar * ExternalID,
                           const xmlChar * SystemID);
extern xmlNodePtr xmlNewNode(xmlNsPtr ns, const xmlChar * name);
extern xmlNodePtr xmlNewNodeEatName(xmlNsPtr ns, xmlChar * name);
```

```
extern xmlNsPtr xmlNewNs(xmlNodePtr node, const xmlChar * href,
                         const xmlChar * prefix);
extern xmlAttrPtr xmlNewNsProp(xmlNodePtr node, xmlNsPtr ns,
                               const xmlChar * name,
                               const xmlChar * value);
extern xmlAttrPtr xmlNewNsPropEatName(xmlNodePtr node, xmlNsPtr
ns,
                                      xmlChar * name,
                                      const xmlChar * value);
extern xmlNodePtr xmlNewPI(const xmlChar * name, const xmlChar *
content);
extern xmlAttrPtr xmlNewProp(xmlNodePtr node, const xmlChar *
name,
                             const xmlChar * value);
extern xmlNodePtr xmlNewReference(xmlDocPtr doc, const xmlChar *
name);
extern xmlNodePtr xmlNewText(const xmlChar * content);
extern xmlNodePtr xmlNewTextChild(xmlNodePtr parent, xmlNsPtr ns,
                                  const xmlChar * name,
                                  const xmlChar * content);
extern xmlNodePtr xmlNewTextLen(const xmlChar * content, int
len);
extern void xmlNodeAddContent(xmlNodePtr cur, const xmlChar *
content);
extern void xmlNodeAddContentLen(xmlNodePtr cur, const xmlChar *
content,
                                 int len);
extern int xmlNodeBufGetContent(xmlBufferPtr buffer, xmlNodePtr
cur);
extern int xmlNodeDump(xmlBufferPtr buf, xmlDocPtr doc,
xmlNodePtr cur,
                       int level, int format);
extern void xmlNodeDumpOutput(xmlOutputBufferPtr buf, xmlDocPtr
doc,
                              xmlNodePtr cur, int level, int
format,
                              const char *encoding);
extern xmlChar *xmlNodeGetBase(xmlDocPtr doc, xmlNodePtr cur);
extern xmlChar *xmlNodeGetContent(xmlNodePtr cur);
extern xmlChar *xmlNodeGetLang(xmlNodePtr cur);
extern int xmlNodeGetSpacePreserve(xmlNodePtr cur);
extern int xmlNodeIsText(xmlNodePtr node);
extern xmlChar *xmlNodeListGetRawString(xmlDocPtr doc, xmlNodePtr
list,
                                        int inLine);
extern xmlChar *xmlNodeListGetString(xmlDocPtr doc, xmlNodePtr
list,
                                     int inLine);
extern void xmlNodeSetBase(xmlNodePtr cur, const xmlChar * uri);
extern void xmlNodeSetContent(xmlNodePtr cur, const xmlChar *
content);
extern void xmlNodeSetContentLen(xmlNodePtr cur, const xmlChar *
content,
                                 int len);
extern void xmlNodeSetLang(xmlNodePtr cur, const xmlChar * lang);
extern void xmlNodeSetName(xmlNodePtr cur, const xmlChar * name);
extern void xmlNodeSetSpacePreserve(xmlNodePtr cur, int val);
extern int xmlReconciliateNs(xmlDocPtr doc, xmlNodePtr tree);
extern int xmlRemoveProp(xmlAttrPtr cur);
extern xmlNodePtr xmlReplaceNode(xmlNodePtr old, xmlNodePtr cur);
extern int xmlSaveFile(const char *filename, xmlDocPtr cur);
extern int xmlSaveFileEnc(const char *filename, xmlDocPtr cur,
                          const char *encoding);
extern int xmlSaveFileTo(xmlOutputBufferPtr buf, xmlDocPtr cur,
                         const char *encoding);
extern int xmlSaveFormatFile(const char *filename, xmlDocPtr cur,
```

```
                              int format);
extern int xmlSaveFormatFileEnc(const char *filename, xmlDocPtr
cur,
                                          const char *encoding, int
format);
extern int xmlSaveFormatFileTo(xmlOutputBufferPtr buf, xmlDocPtr
cur,
                                const char *encoding, int format);
extern xmlNsPtr xmlSearchNs(xmlDocPtr doc, xmlNodePtr node,
                            const xmlChar * nameSpace);
extern xmlNsPtr xmlSearchNsByHref(xmlDocPtr doc, xmlNodePtr node,
                                  const xmlChar * href);
extern                                                          void
xmlSetBufferAllocationScheme(xmlBufferAllocationScheme scheme);
extern void xmlSetCompressMode(int mode);
extern void xmlSetDocCompressMode(xmlDocPtr doc, int mode);
extern void xmlSetListDoc(xmlNodePtr list, xmlDocPtr doc);
extern void xmlSetNs(xmlNodePtr node, xmlNsPtr ns);
extern xmlAttrPtr xmlSetNsProp(xmlNodePtr node, xmlNsPtr ns,
                               const xmlChar * name,
                               const xmlChar * value);
extern xmlAttrPtr xmlSetProp(xmlNodePtr node, const xmlChar *
name,
                             const xmlChar * value);
extern void xmlSetTreeDoc(xmlNodePtr tree, xmlDocPtr doc);
extern xmlChar *xmlSplitQName2(const xmlChar * name, xmlChar *
*prefix);
extern const xmlChar *xmlSplitQName3(const xmlChar * name, int
*len);
extern xmlNodePtr xmlStringGetNodeList(xmlDocPtr doc,
                                       const xmlChar * value);
extern xmlNodePtr xmlStringLenGetNodeList(xmlDocPtr doc,
                                          const xmlChar * value,
int len);
extern int xmlTextConcat(xmlNodePtr node, const xmlChar *
content,
                         int len);
extern xmlNodePtr xmlTextMerge(xmlNodePtr first, xmlNodePtr
second);
extern void xmlUnlinkNode(xmlNodePtr cur);
extern int xmlUnsetNsProp(xmlNodePtr node, xmlNsPtr ns,
                          const xmlChar * name);
extern int xmlUnsetProp(xmlNodePtr node, const xmlChar * name);
extern int xmlValidateNCName(const xmlChar * value, int space);
extern int xmlValidateNMToken(const xmlChar * value, int space);
extern int xmlValidateName(const xmlChar * value, int space);
extern int xmlValidateQName(const xmlChar * value, int space);
```

19.2.20 libxml2/libxml/uri.h

```
typedef struct _xmlURI {
    char *scheme;
    char *opaque;
    char *authority;
    char *server;
    char *user;
    int port;
    char *path;
    char *query;
    char *fragment;
    int cleanup;
} xmlURI;
typedef xmlURI *xmlURIPtr;
extern xmlChar *xmlBuildRelativeURI(const xmlChar * URI,
```

```
                                        const xmlChar * base);
extern xmlChar *xmlBuildURI(const xmlChar * URI, const xmlChar *
base);
extern xmlChar *xmlCanonicPath(const xmlChar * path);
extern xmlURIPtr xmlCreateURI(void);
extern void xmlFreeURI(xmlURIPtr uri);
extern int xmlNormalizeURIPath(char *path);
extern xmlURIPtr xmlParseURI(const char *str);
extern xmlURIPtr xmlParseURIRaw(const char *str, int raw);
extern int xmlParseURIReference(xmlURIPtr uri, const char *str);
extern void xmlPrintURI(FILE * stream, xmlURIPtr uri);
extern xmlChar *xmlSaveUri(xmlURIPtr uri);
extern xmlChar *xmlURIEscape(const xmlChar * str);
extern  xmlChar  *xmlURIEscapeStr(const  xmlChar  *  str,  const
xmlChar * list);
extern char *xmlURIUnescapeString(const char *str, int len, char
*target);
```

19.2.21 libxml2/libxml/valid.h

```
typedef xmlValidCtxt *xmlValidCtxtPtr;
typedef struct _xmlHashTable xmlAttributeTable;
typedef xmlAttributeTable *xmlAttributeTablePtr;
typedef enum {
    XML_ELEMENT_TYPE_UNDEFINED = 0,
    XML_ELEMENT_TYPE_EMPTY = 1,
    XML_ELEMENT_TYPE_ANY = 2,
    XML_ELEMENT_TYPE_MIXED = 3,
    XML_ELEMENT_TYPE_ELEMENT = 4
} xmlElementTypeVal;
typedef enum {
    XML_ATTRIBUTE_NONE = 1,
    XML_ATTRIBUTE_REQUIRED = 2,
    XML_ATTRIBUTE_IMPLIED = 3,
    XML_ATTRIBUTE_FIXED = 4
} xmlAttributeDefault;
typedef struct _xmlAttribute {
    void *_private;
    xmlElementType type;
    const xmlChar *name;
    struct _xmlNode *children;
    struct _xmlNode *last;
    struct _xmlDtd *parent;
    struct _xmlNode *next;
    struct _xmlNode *prev;
    struct _xmlDoc *doc;
    struct _xmlAttribute *nexth;
    xmlAttributeType atype;
    xmlAttributeDefault def;
    const xmlChar *defaultValue;
    xmlEnumerationPtr tree;
    const xmlChar *prefix;
    const xmlChar *elem;
} xmlAttribute;
typedef xmlAttribute *xmlAttributePtr;
typedef struct _xmlElement {
    void *_private;
    xmlElementType type;
    const xmlChar *name;
    struct _xmlNode *children;
    struct _xmlNode *last;
    struct _xmlDtd *parent;
    struct _xmlNode *next;
    struct _xmlNode *prev;
```

```
    struct _xmlDoc *doc;
    xmlElementTypeVal etype;
    xmlElementContentPtr content;
    xmlAttributePtr attributes;
    const xmlChar *prefix;
    xmlRegexpPtr contModel;
} xmlElement;
typedef xmlElement *xmlElementPtr;
typedef struct _xmlHashTable xmlNotationTable;
typedef xmlNotationTable *xmlNotationTablePtr;
typedef struct _xmlNotation {
    const xmlChar *name;
    const xmlChar *PublicID;
    const xmlChar *SystemID;
} xmlNotation;
typedef xmlNotation *xmlNotationPtr;
typedef struct _xmlID {
    struct _xmlID *next;
    const xmlChar *value;
    xmlAttrPtr attr;
    const xmlChar *name;
    int lineno;
    struct _xmlDoc *doc;
} xmlID;
typedef xmlID *xmlIDPtr;
typedef struct _xmlRef {
    struct _xmlRef *next;
    const xmlChar *value;
    xmlAttrPtr attr;
    const xmlChar *name;
    int lineno;
} xmlRef;
typedef xmlRef *xmlRefPtr;
typedef struct _xmlHashTable xmlElementTable;
typedef xmlElementTable *xmlElementTablePtr;
typedef struct _xmlHashTable xmlIDTable;
typedef xmlIDTable *xmlIDTablePtr;
typedef struct _xmlHashTable xmlRefTable;
typedef xmlRefTable *xmlRefTablePtr;
extern    xmlAttributePtr    xmlAddAttributeDecl(xmlValidCtxtPtr,
xmlDtdPtr,
                                              const xmlChar *,
                                              const xmlChar *,
                                              const xmlChar *,
                                              xmlAttributeType,
                                              xmlAttributeDefault,
                                              const xmlChar *,
                                              xmlEnumerationPtr);
extern      xmlElementPtr      xmlAddElementDecl(xmlValidCtxtPtr,
xmlDtdPtr,
                                                    const xmlChar *,
xmlElementTypeVal,
                                           xmlElementContentPtr);
extern   xmlIDPtr   xmlAddID(xmlValidCtxtPtr,   xmlDocPtr,   const
xmlChar *,
                             xmlAttrPtr);
extern     xmlNotationPtr     xmlAddNotationDecl(xmlValidCtxtPtr,
xmlDtdPtr,
                                              const xmlChar *, const
xmlChar *,
                                            const xmlChar *);
extern  xmlRefPtr  xmlAddRef(xmlValidCtxtPtr,  xmlDocPtr,  const
xmlChar *,
                               xmlAttrPtr);
extern                                        xmlAttributeTablePtr
xmlCopyAttributeTable(xmlAttributeTablePtr);
```

```
extern xmlElementContentPtr xmlCopyDocElementContent(xmlDocPtr,
                                                     xmlElementCo
ntentPtr);
extern                                          xmlElementTablePtr
xmlCopyElementTable(xmlElementTablePtr);
extern xmlEnumerationPtr xmlCopyEnumeration(xmlEnumerationPtr);
extern                                        xmlNotationTablePtr
xmlCopyNotationTable(xmlNotationTablePtr);
extern xmlEnumerationPtr xmlCreateEnumeration(const xmlChar *);
extern void xmlDumpAttributeDecl(xmlBufferPtr, xmlAttributePtr);
extern          void          xmlDumpAttributeTable(xmlBufferPtr,
xmlAttributeTablePtr);
extern void xmlDumpElementDecl(xmlBufferPtr, xmlElementPtr);
extern           void           xmlDumpElementTable(xmlBufferPtr,
xmlElementTablePtr);
extern void xmlDumpNotationDecl(xmlBufferPtr, xmlNotationPtr);
extern           void           xmlDumpNotationTable(xmlBufferPtr,
xmlNotationTablePtr);
extern void xmlFreeAttributeTable(xmlAttributeTablePtr);
extern          void          xmlFreeDocElementContent(xmlDocPtr,
xmlElementContentPtr);
extern void xmlFreeElementTable(xmlElementTablePtr);
extern void xmlFreeEnumeration(xmlEnumerationPtr);
extern void xmlFreeIDTable(xmlIDTablePtr);
extern void xmlFreeNotationTable(xmlNotationTablePtr);
extern void xmlFreeRefTable(xmlRefTablePtr);
extern void xmlFreeValidCtxt(xmlValidCtxtPtr);
extern xmlAttributePtr xmlGetDtdAttrDesc(xmlDtdPtr, const xmlChar
*,
                                         const xmlChar *);
extern    xmlElementPtr    xmlGetDtdElementDesc(xmlDtdPtr,    const
xmlChar *);
extern   xmlNotationPtr   xmlGetDtdNotationDesc(xmlDtdPtr,   const
xmlChar *);
extern    xmlAttributePtr    xmlGetDtdQAttrDesc(xmlDtdPtr,    const
xmlChar *,
                                          const xmlChar *,
                                          const xmlChar *);
extern   xmlElementPtr   xmlGetDtdQElementDesc(xmlDtdPtr,   const
xmlChar *,
                                           const xmlChar *);
extern xmlAttrPtr xmlGetID(xmlDocPtr, const xmlChar *);
extern xmlListPtr xmlGetRefs(xmlDocPtr, const xmlChar *);
extern int xmlIsID(xmlDocPtr, xmlNodePtr, xmlAttrPtr);
extern int xmlIsMixedElement(xmlDocPtr, const xmlChar *);
extern int xmlIsRef(xmlDocPtr, xmlNodePtr, xmlAttrPtr);
extern xmlElementContentPtr xmlNewDocElementContent(xmlDocPtr,
                                                    const xmlChar
*,
                                                    xmlElementCon
tentType);
extern xmlValidCtxtPtr xmlNewValidCtxt(void);
extern int xmlRemoveID(xmlDocPtr, xmlAttrPtr);
extern int xmlRemoveRef(xmlDocPtr, xmlAttrPtr);
extern     void     xmlSnprintfElementContent(char     *,     int,
xmlElementContentPtr,
                                             int);
extern       int       xmlValidBuildContentModel(xmlValidCtxtPtr,
xmlElementPtr);
extern                                                  xmlChar
*xmlValidCtxtNormalizeAttributeValue(xmlValidCtxtPtr,
                                                     xmlDocPtr,
xmlNodePtr,
                                                    const xmlChar
*,
                                                    const xmlChar
```

```
*);
extern int xmlValidGetPotentialChildren(xmlElementContent *,
                                        const xmlChar * *, int *,
int);
extern int xmlValidGetValidElements(xmlNode *, xmlNode *,
                                    const xmlChar * *, int);
extern     xmlChar     *xmlValidNormalizeAttributeValue(xmlDocPtr,
xmlNodePtr,
                                                    const xmlChar *,
                                                    const xmlChar *);
extern int xmlValidateAttributeDecl(xmlValidCtxtPtr, xmlDocPtr,
                                    xmlAttributePtr);
extern   int   xmlValidateAttributeValue(xmlAttributeType,   const
xmlChar *);
extern int xmlValidateDocument(xmlValidCtxtPtr, xmlDocPtr);
extern int xmlValidateDocumentFinal(xmlValidCtxtPtr, xmlDocPtr);
extern int xmlValidateDtd(xmlValidCtxtPtr, xmlDocPtr, xmlDtdPtr);
extern int xmlValidateDtdFinal(xmlValidCtxtPtr, xmlDocPtr);
extern    int    xmlValidateElement(xmlValidCtxtPtr,    xmlDocPtr,
xmlNodePtr);
extern int xmlValidateElementDecl(xmlValidCtxtPtr, xmlDocPtr,
                                  xmlElementPtr);
extern int xmlValidateNameValue(const xmlChar *);
extern int xmlValidateNamesValue(const xmlChar *);
extern int xmlValidateNmtokenValue(const xmlChar *);
extern int xmlValidateNmtokensValue(const xmlChar *);
extern int xmlValidateNotationDecl(xmlValidCtxtPtr, xmlDocPtr,
                                   xmlNotationPtr);
extern int xmlValidateNotationUse(xmlValidCtxtPtr, xmlDocPtr,
                                  const xmlChar *);
extern  int  xmlValidateOneAttribute(xmlValidCtxtPtr,  xmlDocPtr,
xmlNodePtr,
                                   xmlAttrPtr, const xmlChar *);
extern   int   xmlValidateOneElement(xmlValidCtxtPtr,   xmlDocPtr,
xmlNodePtr);
extern  int  xmlValidateOneNamespace(xmlValidCtxtPtr,  xmlDocPtr,
xmlNodePtr,
                                   const xmlChar *, xmlNsPtr,
                                   const xmlChar *);
extern   int   xmlValidatePopElement(xmlValidCtxtPtr,   xmlDocPtr,
xmlNodePtr,
                                 const xmlChar *);
extern int xmlValidatePushCData(xmlValidCtxtPtr, const xmlChar *,
int);
extern   int   xmlValidatePushElement(xmlValidCtxtPtr,   xmlDocPtr,
xmlNodePtr,
                                   const xmlChar *);
extern int xmlValidateRoot(xmlValidCtxtPtr, xmlDocPtr);
```

19.2.22 libxml2/libxml/xinclude.h

```
#define XINCLUDE_PARSE_ENCODING (const xmlChar *) "encoding"
#define XINCLUDE_FALLBACK       (const xmlChar *) "fallback"
#define XINCLUDE_HREF   (const xmlChar *) "href"
#define       XINCLUDE_OLD_NS       (const       xmlChar       *)
"http://www.w3.org/2001/XInclude"
#define    XINCLUDE_NS                    (const    xmlChar    *)
"http://www.w3.org/2003/XInclude"
#define XINCLUDE_NODE   (const xmlChar *) "include"
#define XINCLUDE_PARSE  (const xmlChar *) "parse"
#define XINCLUDE_PARSE_TEXT     (const xmlChar *) "text"
#define XINCLUDE_PARSE_XML      (const xmlChar *) "xml"
#define XINCLUDE_PARSE_XPOINTER (const xmlChar *) "xpointer"
```

```
typedef struct _xmlXIncludeCtxt xmlXIncludeCtxt;
typedef xmlXIncludeCtxt *xmlXIncludeCtxtPtr;
extern void xmlXIncludeFreeContext(xmlXIncludeCtxtPtr ctxt);
extern xmlXIncludeCtxtPtr xmlXIncludeNewContext(xmlDocPtr doc);
extern int xmlXIncludeProcess(xmlDocPtr doc);
extern int xmlXIncludeProcessFlags(xmlDocPtr doc, int flags);
extern int xmlXIncludeProcessNode(xmlXIncludeCtxtPtr ctxt,
                                  xmlNodePtr tree);
extern int xmlXIncludeProcessTree(xmlNodePtr tree);
extern   int   xmlXIncludeProcessTreeFlags(xmlNodePtr   tree,   int
flags);
extern   int   xmlXIncludeSetFlags(xmlXIncludeCtxtPtr   ctxt,   int
flags);
```

19.2.23 libxml2/libxml/xmlIO.h

```
typedef int (*xmlOutputMatchCallback) (const char *);
typedef void *(*xmlOutputOpenCallback) (const char *);
typedef struct _xmlParserNodeInfo {
    const struct _xmlNode *node;
    long unsigned int begin_pos;
    long unsigned int begin_line;
    long unsigned int end_pos;
    long unsigned int end_line;
} xmlParserNodeInfo;
typedef struct _xmlParserNodeInfoSeq {
    long unsigned int maximum;
    long unsigned int length;
    xmlParserNodeInfo *buffer;
} xmlParserNodeInfoSeq;
typedef void (*xmlValidityErrorFunc) (void *, const char *, ...);
typedef  void  (*xmlValidityWarningFunc)  (void  *,  const  char
*, ...);
typedef struct _xmlValidState xmlValidState;
typedef struct _xmlValidCtxt {
    void *userData;
    xmlValidityErrorFunc error;
    xmlValidityWarningFunc warning;
    xmlNodePtr node;
    int nodeNr;
    int nodeMax;
    xmlNodePtr *nodeTab;
    unsigned int finishDtd;
    xmlDocPtr doc;
    int valid;
    xmlValidState *vstate;
    int vstateNr;
    int vstateMax;
    xmlValidState *vstateTab;
    xmlAutomataPtr am;
    xmlAutomataStatePtr state;
} xmlValidCtxt;
typedef enum {
    XML_PARSER_EOF = -1,
    XML_PARSER_START = 0,
    XML_PARSER_MISC = 1,
    XML_PARSER_PI = 2,
    XML_PARSER_DTD = 3,
    XML_PARSER_PROLOG = 4,
    XML_PARSER_COMMENT = 5,
    XML_PARSER_START_TAG = 6,
    XML_PARSER_CONTENT = 7,
    XML_PARSER_CDATA_SECTION = 8,
    XML_PARSER_END_TAG = 9,
```

```
    XML_PARSER_ENTITY_DECL = 10,
    XML_PARSER_ENTITY_VALUE = 11,
    XML_PARSER_ATTRIBUTE_VALUE = 12,
    XML_PARSER_SYSTEM_LITERAL = 13,
    XML_PARSER_EPILOG = 14,
    XML_PARSER_IGNORE = 15,
    XML_PARSER_PUBLIC_LITERAL = 16
} xmlParserInputState;
typedef enum {
    XML_PARSE_UNKNOWN = 0,
    XML_PARSE_DOM = 1,
    XML_PARSE_SAX = 2,
    XML_PARSE_PUSH_DOM = 3,
    XML_PARSE_PUSH_SAX = 4,
    XML_PARSE_READER = 5
} xmlParserMode;
typedef struct _xmlParserCtxt {
    struct _xmlSAXHandler *sax;
    void *userData;
    xmlDocPtr myDoc;
    int wellFormed;
    int replaceEntities;
    const xmlChar *version;
    const xmlChar *encoding;
    int standalone;
    int html;
    xmlParserInputPtr input;
    int inputNr;
    int inputMax;
    xmlParserInputPtr *inputTab;
    xmlNodePtr node;
    int nodeNr;
    int nodeMax;
    xmlNodePtr *nodeTab;
    int record_info;
    xmlParserNodeInfoSeq node_seq;
    int errNo;
    int hasExternalSubset;
    int hasPErefs;
    int external;
    int valid;
    int validate;
    xmlValidCtxt vctxt;
    xmlParserInputState instate;
    int token;
    char *directory;
    const xmlChar *name;
    int nameNr;
    int nameMax;
    const xmlChar **nameTab;
    long int nbChars;
    long int checkIndex;
    int keepBlanks;
    int disableSAX;
    int inSubset;
    const xmlChar *intSubName;
    xmlChar *extSubURI;
    xmlChar *extSubSystem;
    int *space;
    int spaceNr;
    int spaceMax;
    int *spaceTab;
    int depth;
    xmlParserInputPtr entity;
    int charset;
    int nodelen;
```

```
    int nodemem;
    int pedantic;
    void *_private;
    int loadsubset;
    int linenumbers;
    void *catalogs;
    int recovery;
    int progressive;
    xmlDictPtr dict;
    const xmlChar **atts;
    int maxatts;
    int docdict;
    const xmlChar *str_xml;
    const xmlChar *str_xmlns;
    const xmlChar *str_xml_ns;
    int sax2;
    int nsNr;
    int nsMax;
    const xmlChar **nsTab;
    int *attallocs;
    void **pushTab;
    xmlHashTablePtr attsDefault;
    xmlHashTablePtr attsSpecial;
    int nsWellFormed;
    int options;
    int dictNames;
    int freeElemsNr;
    xmlNodePtr freeElems;
    int freeAttrsNr;
    xmlAttrPtr freeAttrs;
    xmlError lastError;
    xmlParserMode parseMode;
} xmlParserCtxt;
typedef xmlParserCtxt *xmlParserCtxtPtr;
typedef int (*xmlInputMatchCallback) (const char *);
typedef void *(*xmlInputOpenCallback) (const char *);
extern                                          xmlOutputBufferPtr
xmlAllocOutputBuffer(xmlCharEncodingHandlerPtr
                                               encoder);
extern                                     xmlParserInputBufferPtr
xmlAllocParserInputBuffer(xmlCharEncoding
                                                        enc);
extern int xmlCheckFilename(const char *path);
extern xmlParserInputPtr xmlCheckHTTPInput(xmlParserCtxtPtr ctxt,
                                             xmlParserInputPtr
ret);
extern void xmlCleanupInputCallbacks(void);
extern void xmlCleanupOutputCallbacks(void);
extern int xmlFileClose(void *context);
extern int xmlFileMatch(const char *filename);
extern void *xmlFileOpen(const char *filename);
extern int xmlFileRead(void *context, char *buffer, int len);
extern void xmlFreeParserInputBuffer(xmlParserInputBufferPtr in);
extern int xmlIOFTPClose(void *context);
extern int xmlIOFTPMatch(const char *filename);
extern void *xmlIOFTPOpen(const char *filename);
extern int xmlIOFTPRead(void *context, char *buffer, int len);
extern int xmlIOHTTPClose(void *context);
extern int xmlIOHTTPMatch(const char *filename);
extern void *xmlIOHTTPOpen(const char *filename);
extern   void   *xmlIOHTTPOpenW(const   char   *post_uri,   int
compression);
extern int xmlIOHTTPRead(void *context, char *buffer, int len);
extern  xmlParserInputPtr  xmlNoNetExternalEntityLoader(const  char
*URL,
                                                        const char
```

```
*ID,
                                                        xmlParserCt
xtPtr
                                                       ctxt);
extern xmlChar *xmlNormalizeWindowsPath(const xmlChar * path);
extern int xmlOutputBufferClose(xmlOutputBufferPtr out);
extern xmlOutputBufferPtr xmlOutputBufferCreateFd(int fd,
                                                    xmlCharEncoding
HandlerPtr
                                                   encoder);
extern xmlOutputBufferPtr xmlOutputBufferCreateFile(FILE * file,
                                                      xmlCharEncodi
ngHandlerPtr
                                                     encoder);
extern   xmlOutputBufferPtr   xmlOutputBufferCreateFilename(const
char *URI,
                                                          xmlCharEn
codingHandlerPtr
                                                         encoder,
                                                                int
compression);
extern                                            xmlOutputBufferPtr
xmlOutputBufferCreateIO(xmlOutputWriteCallback
                                                    iowrite,
                                                     xmlOutputCloseC
allback
                                                       ioclose, void
*ioctx,
                                                     xmlCharEncoding
HandlerPtr
                                                    encoder);
extern int xmlOutputBufferFlush(xmlOutputBufferPtr out);
extern int xmlOutputBufferWrite(xmlOutputBufferPtr out, int len,
                                const char *buf);
extern int xmlOutputBufferWriteEscape(xmlOutputBufferPtr out,
                                      const xmlChar * str,
                                         xmlCharEncodingOutputFunc
escaping);
extern int xmlOutputBufferWriteString(xmlOutputBufferPtr out,
                                      const char *str);
extern char *xmlParserGetDirectory(const char *filename);
extern  xmlParserInputBufferPtr  xmlParserInputBufferCreateFd(int
fd,
                                                              xmlCh
arEncoding
                                                             enc);
extern                                       xmlParserInputBufferPtr
xmlParserInputBufferCreateFile(FILE * file,
                                                                xml
CharEncoding
                                                                enc
);
extern xmlParserInputBufferPtr
xmlParserInputBufferCreateIO(xmlInputReadCallback ioread,
                             xmlInputCloseCallback ioclose, void
*ioctx,
                            xmlCharEncoding enc);
extern                                       xmlParserInputBufferPtr
xmlParserInputBufferCreateMem(const char
                                                              *mem
,
                                                               int
size,
                                                              xmlC
harEncoding
                                                              enc)
```

```
;
extern                                      xmlParserInputBufferPtr
xmlParserInputBufferCreateStatic(const char
                                                                    *
mem,
                                                                    i
nt size,
                                                                    x
mlCharEncoding
                                                                    e
nc);
extern  int  xmlParserInputBufferGrow(xmlParserInputBufferPtr  in,
int len);
extern  int  xmlParserInputBufferPush(xmlParserInputBufferPtr  in,
int len,
                                    const char *buf);
extern  int  xmlParserInputBufferRead(xmlParserInputBufferPtr  in,
int len);
extern int xmlPopInputCallbacks(void);
extern void xmlRegisterDefaultInputCallbacks(void);
extern void xmlRegisterDefaultOutputCallbacks(void);
extern void xmlRegisterHTTPPostCallbacks(void);
extern     int     xmlRegisterInputCallbacks(xmlInputMatchCallback
matchFunc,
                                             xmlInputOpenCallback
openFunc,
                                             xmlInputReadCallback
readFunc,
                                            xmlInputCloseCallback
closeFunc);
extern    int    xmlRegisterOutputCallbacks(xmlOutputMatchCallback
matchFunc,
                                             xmlOutputOpenCallback
openFunc,
                                            xmlOutputWriteCallback
writeFunc,
                                            xmlOutputCloseCallback
closeFunc);
```

19.2.24 libxml2/libxml/xmlautomata.h

```
typedef struct _xmlAutomataState xmlAutomataState;
typedef xmlAutomataState *xmlAutomataStatePtr;
typedef struct _xmlAutomata xmlAutomata;
typedef xmlAutomata *xmlAutomataPtr;
extern xmlRegexpPtr xmlAutomataCompile(xmlAutomataPtr);
extern                                    xmlAutomataStatePtr
xmlAutomataGetInitState(xmlAutomataPtr);
extern int xmlAutomataIsDeterminist(xmlAutomataPtr);
extern xmlAutomataStatePtr xmlAutomataNewAllTrans(xmlAutomataPtr,
                                                      xmlAutomataStat
ePtr,
                                                      xmlAutomataStat
ePtr,
                                                     int);
extern                                   xmlAutomataStatePtr
xmlAutomataNewCountTrans(xmlAutomataPtr,
                                                        xmlAutomataSt
atePtr,
                                                        xmlAutomataSt
atePtr,
                                                        const xmlChar
*, int,
                                                       int, void *);
```

```
extern                                          xmlAutomataStatePtr
xmlAutomataNewCountTrans2(xmlAutomataPtr,
                                                       xmlAutomataS
tatePtr,
                                                       xmlAutomataS
tatePtr,
                                                              const
xmlChar *,
                                                              const
xmlChar *, int,
                                                                int, void
*);
extern                                          xmlAutomataStatePtr
xmlAutomataNewCountedTrans(xmlAutomataPtr,
                                                        xmlAutomata
StatePtr,
                                                        xmlAutomata
StatePtr,
                                                       int);
extern int xmlAutomataNewCounter(xmlAutomataPtr, int, int);
extern                                          xmlAutomataStatePtr
xmlAutomataNewCounterTrans(xmlAutomataPtr,
                                                        xmlAutomata
StatePtr,
                                                        xmlAutomata
StatePtr,
                                                       int);
extern xmlAutomataStatePtr xmlAutomataNewEpsilon(xmlAutomataPtr,
                                                    xmlAutomataState
Ptr,
                                                    xmlAutomataState
Ptr);
extern xmlAutomataStatePtr xmlAutomataNewNegTrans(xmlAutomataPtr,
                                                     xmlAutomataStat
ePtr,
                                                     xmlAutomataStat
ePtr,
                                                       const xmlChar
*,
                                                       const xmlChar
*, void *);
extern                                          xmlAutomataStatePtr
xmlAutomataNewOnceTrans(xmlAutomataPtr,
                                                      xmlAutomataSta
tePtr,
                                                      xmlAutomataSta
tePtr,
                                                       const xmlChar
*, int,
                                                      int, void *);
extern                                          xmlAutomataStatePtr
xmlAutomataNewOnceTrans2(xmlAutomataPtr,
                                                       xmlAutomataSt
atePtr,
                                                       xmlAutomataSt
atePtr,
                                                       const xmlChar
*,
                                                       const xmlChar
*, int,
                                                      int, void *);
extern xmlAutomataStatePtr xmlAutomataNewState(xmlAutomataPtr);
extern                                          xmlAutomataStatePtr
xmlAutomataNewTransition(xmlAutomataPtr,
                                                       xmlAutomataSt
atePtr,
```

```
                                                        xmlAutomataSt
atePtr,
                                                        const xmlChar
*,
                                                       void *);
extern                                              xmlAutomataStatePtr
xmlAutomataNewTransition2(xmlAutomataPtr,
                                                         xmlAutomataS
tatePtr,
                                                         xmlAutomataS
tatePtr,
                                                                const
xmlChar *,
                                                                const
xmlChar *,
                                                       void *);
extern        int        xmlAutomataSetFinalState(xmlAutomataPtr,
xmlAutomataStatePtr);
extern void xmlFreeAutomata(xmlAutomataPtr);
extern xmlAutomataPtr xmlNewAutomata(void);
```

19.2.25 libxml2/libxml/xmlerror.h

```
typedef int (*xmlInputReadCallback) (void *, char *, int);
typedef int (*xmlInputCloseCallback) (void *);
typedef struct _xmlParserInputBuffer {
    void *context;
    xmlInputReadCallback readcallback;
    xmlInputCloseCallback closecallback;
    xmlCharEncodingHandlerPtr encoder;
    xmlBufferPtr buffer;
    xmlBufferPtr raw;
    int compressed;
    int error;
    long unsigned int rawconsumed;
} xmlParserInputBuffer;
typedef xmlParserInputBuffer *xmlParserInputBufferPtr;
typedef void (*xmlParserInputDeallocate) (xmlChar *);
typedef struct _xmlParserInput {
    xmlParserInputBufferPtr buf;
    const char *filename;
    const char *directory;
    const xmlChar *base;
    const xmlChar *cur;
    const xmlChar *end;
    int length;
    int line;
    int col;
    long unsigned int consumed;
    xmlParserInputDeallocate free;
    const xmlChar *encoding;
    const xmlChar *version;
    int standalone;
    int id;
} xmlParserInput;
typedef xmlParserInput *xmlParserInputPtr;
typedef void (*xmlGenericErrorFunc) (void *, const char *, ...);
typedef enum {
    XML_ERR_NONE = 0,
    XML_ERR_WARNING = 1,
    XML_ERR_ERROR = 2,
    XML_ERR_FATAL = 3
} xmlErrorLevel;
typedef struct _xmlError {
```

```
    int domain;
    int code;
    char *message;
    xmlErrorLevel level;
    char *file;
    int line;
    char *str1;
    char *str2;
    char *str3;
    int int1;
    int int2;
    void *ctxt;
    void *node;
} xmlError;
typedef xmlError *xmlErrorPtr;
typedef void (*xmlStructuredErrorFunc) (void *, xmlErrorPtr);
typedef enum {
    XML_FROM_NONE = 0,
    XML_FROM_PARSER,
    XML_FROM_TREE,
    XML_FROM_NAMESPACE,
    XML_FROM_DTD,
    XML_FROM_HTML,
    XML_FROM_MEMORY,
    XML_FROM_OUTPUT,
    XML_FROM_IO,
    XML_FROM_FTP,
    XML_FROM_HTTP,
    XML_FROM_XINCLUDE,
    XML_FROM_XPATH,
    XML_FROM_XPOINTER,
    XML_FROM_REGEXP,
    XML_FROM_DATATYPE,
    XML_FROM_SCHEMASP,
    XML_FROM_SCHEMASV,
    XML_FROM_RELAXNGP,
    XML_FROM_RELAXNGV,
    XML_FROM_CATALOG,
    XML_FROM_C14N,
    XML_FROM_XSLT,
    XML_FROM_VALID,
    XML_FROM_CHECK,
    XML_FROM_WRITER,
    XML_FROM_MODULE,
    XML_FROM_I18N
} xmlErrorDomain;
typedef enum {
    XML_ERR_OK = 0,
    XML_ERR_INTERNAL_ERROR,
    XML_ERR_NO_MEMORY,
    XML_ERR_DOCUMENT_START,
    XML_ERR_DOCUMENT_EMPTY,
    XML_ERR_DOCUMENT_END,
    XML_ERR_INVALID_HEX_CHARREF,
    XML_ERR_INVALID_DEC_CHARREF,
    XML_ERR_INVALID_CHARREF,
    XML_ERR_INVALID_CHAR,
    XML_ERR_CHARREF_AT_EOF,
    XML_ERR_CHARREF_IN_PROLOG,
    XML_ERR_CHARREF_IN_EPILOG,
    XML_ERR_CHARREF_IN_DTD,
    XML_ERR_ENTITYREF_AT_EOF,
    XML_ERR_ENTITYREF_IN_PROLOG,
    XML_ERR_ENTITYREF_IN_EPILOG,
    XML_ERR_ENTITYREF_IN_DTD,
    XML_ERR_PEREF_AT_EOF,
```

```
XML_ERR_PEREF_IN_PROLOG,
XML_ERR_PEREF_IN_EPILOG,
XML_ERR_PEREF_IN_INT_SUBSET,
XML_ERR_ENTITYREF_NO_NAME,
XML_ERR_ENTITYREF_SEMICOL_MISSING,
XML_ERR_PEREF_NO_NAME,
XML_ERR_PEREF_SEMICOL_MISSING,
XML_ERR_UNDECLARED_ENTITY,
XML_WAR_UNDECLARED_ENTITY,
XML_ERR_UNPARSED_ENTITY,
XML_ERR_ENTITY_IS_EXTERNAL,
XML_ERR_ENTITY_IS_PARAMETER,
XML_ERR_UNKNOWN_ENCODING,
XML_ERR_UNSUPPORTED_ENCODING,
XML_ERR_STRING_NOT_STARTED,
XML_ERR_STRING_NOT_CLOSED,
XML_ERR_NS_DECL_ERROR,
XML_ERR_ENTITY_NOT_STARTED,
XML_ERR_ENTITY_NOT_FINISHED,
XML_ERR_LT_IN_ATTRIBUTE,
XML_ERR_ATTRIBUTE_NOT_STARTED,
XML_ERR_ATTRIBUTE_NOT_FINISHED,
XML_ERR_ATTRIBUTE_WITHOUT_VALUE,
XML_ERR_ATTRIBUTE_REDEFINED,
XML_ERR_LITERAL_NOT_STARTED,
XML_ERR_LITERAL_NOT_FINISHED,
XML_ERR_COMMENT_NOT_FINISHED,
XML_ERR_PI_NOT_STARTED,
XML_ERR_PI_NOT_FINISHED,
XML_ERR_NOTATION_NOT_STARTED,
XML_ERR_NOTATION_NOT_FINISHED,
XML_ERR_ATTLIST_NOT_STARTED,
XML_ERR_ATTLIST_NOT_FINISHED,
XML_ERR_MIXED_NOT_STARTED,
XML_ERR_MIXED_NOT_FINISHED,
XML_ERR_ELEMCONTENT_NOT_STARTED,
XML_ERR_ELEMCONTENT_NOT_FINISHED,
XML_ERR_XMLDECL_NOT_STARTED,
XML_ERR_XMLDECL_NOT_FINISHED,
XML_ERR_CONDSEC_NOT_STARTED,
XML_ERR_CONDSEC_NOT_FINISHED,
XML_ERR_EXT_SUBSET_NOT_FINISHED,
XML_ERR_DOCTYPE_NOT_FINISHED,
XML_ERR_MISPLACED_CDATA_END,
XML_ERR_CDATA_NOT_FINISHED,
XML_ERR_RESERVED_XML_NAME,
XML_ERR_SPACE_REQUIRED,
XML_ERR_SEPARATOR_REQUIRED,
XML_ERR_NMTOKEN_REQUIRED,
XML_ERR_NAME_REQUIRED,
XML_ERR_PCDATA_REQUIRED,
XML_ERR_URI_REQUIRED,
XML_ERR_PUBID_REQUIRED,
XML_ERR_LT_REQUIRED,
XML_ERR_GT_REQUIRED,
XML_ERR_LTSLASH_REQUIRED,
XML_ERR_EQUAL_REQUIRED,
XML_ERR_TAG_NAME_MISMATCH,
XML_ERR_TAG_NOT_FINISHED,
XML_ERR_STANDALONE_VALUE,
XML_ERR_ENCODING_NAME,
XML_ERR_HYPHEN_IN_COMMENT,
XML_ERR_INVALID_ENCODING,
XML_ERR_EXT_ENTITY_STANDALONE,
XML_ERR_CONDSEC_INVALID,
XML_ERR_VALUE_REQUIRED,
```

© 2008 Linux Foundation

```
    XML_ERR_NOT_WELL_BALANCED,
    XML_ERR_EXTRA_CONTENT,
    XML_ERR_ENTITY_CHAR_ERROR,
    XML_ERR_ENTITY_PE_INTERNAL,
    XML_ERR_ENTITY_LOOP,
    XML_ERR_ENTITY_BOUNDARY,
    XML_ERR_INVALID_URI,
    XML_ERR_URI_FRAGMENT,
    XML_WAR_CATALOG_PI,
    XML_ERR_NO_DTD,
    XML_ERR_CONDSEC_INVALID_KEYWORD,
    XML_ERR_VERSION_MISSING,
    XML_WAR_UNKNOWN_VERSION,
    XML_WAR_LANG_VALUE,
    XML_WAR_NS_URI,
    XML_WAR_NS_URI_RELATIVE,
    XML_ERR_MISSING_ENCODING,
    XML_WAR_SPACE_VALUE,
    XML_ERR_NOT_STANDALONE,
    XML_ERR_ENTITY_PROCESSING,
    XML_ERR_NOTATION_PROCESSING,
    XML_WAR_NS_COLUMN,
    XML_WAR_ENTITY_REDEFINED,
    XML_NS_ERR_XML_NAMESPACE = 200,
    XML_NS_ERR_UNDEFINED_NAMESPACE,
    XML_NS_ERR_QNAME,
    XML_NS_ERR_ATTRIBUTE_REDEFINED,
    XML_NS_ERR_EMPTY,
    XML_DTD_ATTRIBUTE_DEFAULT = 500,
    XML_DTD_ATTRIBUTE_REDEFINED,
    XML_DTD_ATTRIBUTE_VALUE,
    XML_DTD_CONTENT_ERROR,
    XML_DTD_CONTENT_MODEL,
    XML_DTD_CONTENT_NOT_DETERMINIST,
    XML_DTD_DIFFERENT_PREFIX,
    XML_DTD_ELEM_DEFAULT_NAMESPACE,
    XML_DTD_ELEM_NAMESPACE,
    XML_DTD_ELEM_REDEFINED,
    XML_DTD_EMPTY_NOTATION,
    XML_DTD_ENTITY_TYPE,
    XML_DTD_ID_FIXED,
    XML_DTD_ID_REDEFINED,
    XML_DTD_ID_SUBSET,
    XML_DTD_INVALID_CHILD,
    XML_DTD_INVALID_DEFAULT,
    XML_DTD_LOAD_ERROR,
    XML_DTD_MISSING_ATTRIBUTE,
    XML_DTD_MIXED_CORRUPT,
    XML_DTD_MULTIPLE_ID,
    XML_DTD_NO_DOC,
    XML_DTD_NO_DTD,
    XML_DTD_NO_ELEM_NAME,
    XML_DTD_NO_PREFIX,
    XML_DTD_NO_ROOT,
    XML_DTD_NOTATION_REDEFINED,
    XML_DTD_NOTATION_VALUE,
    XML_DTD_NOT_EMPTY,
    XML_DTD_NOT_PCDATA,
    XML_DTD_NOT_STANDALONE,
    XML_DTD_ROOT_NAME,
    XML_DTD_STANDALONE_WHITE_SPACE,
    XML_DTD_UNKNOWN_ATTRIBUTE,
    XML_DTD_UNKNOWN_ELEM,
    XML_DTD_UNKNOWN_ENTITY,
    XML_DTD_UNKNOWN_ID,
    XML_DTD_UNKNOWN_NOTATION,
```

```
XML_DTD_STANDALONE_DEFAULTED,
XML_DTD_XMLID_VALUE,
XML_DTD_XMLID_TYPE,
XML_HTML_STRUCURE_ERROR = 800,
XML_HTML_UNKNOWN_TAG,
XML_RNGP_ANYNAME_ATTR_ANCESTOR = 1000,
XML_RNGP_ATTR_CONFLICT,
XML_RNGP_ATTRIBUTE_CHILDREN,
XML_RNGP_ATTRIBUTE_CONTENT,
XML_RNGP_ATTRIBUTE_EMPTY,
XML_RNGP_ATTRIBUTE_NOOP,
XML_RNGP_CHOICE_CONTENT,
XML_RNGP_CHOICE_EMPTY,
XML_RNGP_CREATE_FAILURE,
XML_RNGP_DATA_CONTENT,
XML_RNGP_DEF_CHOICE_AND_INTERLEAVE,
XML_RNGP_DEFINE_CREATE_FAILED,
XML_RNGP_DEFINE_EMPTY,
XML_RNGP_DEFINE_MISSING,
XML_RNGP_DEFINE_NAME_MISSING,
XML_RNGP_ELEM_CONTENT_EMPTY,
XML_RNGP_ELEM_CONTENT_ERROR,
XML_RNGP_ELEMENT_EMPTY,
XML_RNGP_ELEMENT_CONTENT,
XML_RNGP_ELEMENT_NAME,
XML_RNGP_ELEMENT_NO_CONTENT,
XML_RNGP_ELEM_TEXT_CONFLICT,
XML_RNGP_EMPTY,
XML_RNGP_EMPTY_CONSTRUCT,
XML_RNGP_EMPTY_CONTENT,
XML_RNGP_EMPTY_NOT_EMPTY,
XML_RNGP_ERROR_TYPE_LIB,
XML_RNGP_EXCEPT_EMPTY,
XML_RNGP_EXCEPT_MISSING,
XML_RNGP_EXCEPT_MULTIPLE,
XML_RNGP_EXCEPT_NO_CONTENT,
XML_RNGP_EXTERNALREF_EMTPY,
XML_RNGP_EXTERNAL_REF_FAILURE,
XML_RNGP_EXTERNALREF_RECURSE,
XML_RNGP_FORBIDDEN_ATTRIBUTE,
XML_RNGP_FOREIGN_ELEMENT,
XML_RNGP_GRAMMAR_CONTENT,
XML_RNGP_GRAMMAR_EMPTY,
XML_RNGP_GRAMMAR_MISSING,
XML_RNGP_GRAMMAR_NO_START,
XML_RNGP_GROUP_ATTR_CONFLICT,
XML_RNGP_HREF_ERROR,
XML_RNGP_INCLUDE_EMPTY,
XML_RNGP_INCLUDE_FAILURE,
XML_RNGP_INCLUDE_RECURSE,
XML_RNGP_INTERLEAVE_ADD,
XML_RNGP_INTERLEAVE_CREATE_FAILED,
XML_RNGP_INTERLEAVE_EMPTY,
XML_RNGP_INTERLEAVE_NO_CONTENT,
XML_RNGP_INVALID_DEFINE_NAME,
XML_RNGP_INVALID_URI,
XML_RNGP_INVALID_VALUE,
XML_RNGP_MISSING_HREF,
XML_RNGP_NAME_MISSING,
XML_RNGP_NEED_COMBINE,
XML_RNGP_NOTALLOWED_NOT_EMPTY,
XML_RNGP_NSNAME_ATTR_ANCESTOR,
XML_RNGP_NSNAME_NO_NS,
XML_RNGP_PARAM_FORBIDDEN,
XML_RNGP_PARAM_NAME_MISSING,
XML_RNGP_PARENTREF_CREATE_FAILED,
```

© 2008 Linux Foundation

```
XML_RNGP_PARENTREF_NAME_INVALID,
XML_RNGP_PARENTREF_NO_NAME,
XML_RNGP_PARENTREF_NO_PARENT,
XML_RNGP_PARENTREF_NOT_EMPTY,
XML_RNGP_PARSE_ERROR,
XML_RNGP_PAT_ANYNAME_EXCEPT_ANYNAME,
XML_RNGP_PAT_ATTR_ATTR,
XML_RNGP_PAT_ATTR_ELEM,
XML_RNGP_PAT_DATA_EXCEPT_ATTR,
XML_RNGP_PAT_DATA_EXCEPT_ELEM,
XML_RNGP_PAT_DATA_EXCEPT_EMPTY,
XML_RNGP_PAT_DATA_EXCEPT_GROUP,
XML_RNGP_PAT_DATA_EXCEPT_INTERLEAVE,
XML_RNGP_PAT_DATA_EXCEPT_LIST,
XML_RNGP_PAT_DATA_EXCEPT_ONEMORE,
XML_RNGP_PAT_DATA_EXCEPT_REF,
XML_RNGP_PAT_DATA_EXCEPT_TEXT,
XML_RNGP_PAT_LIST_ATTR,
XML_RNGP_PAT_LIST_ELEM,
XML_RNGP_PAT_LIST_INTERLEAVE,
XML_RNGP_PAT_LIST_LIST,
XML_RNGP_PAT_LIST_REF,
XML_RNGP_PAT_LIST_TEXT,
XML_RNGP_PAT_NSNAME_EXCEPT_ANYNAME,
XML_RNGP_PAT_NSNAME_EXCEPT_NSNAME,
XML_RNGP_PAT_ONEMORE_GROUP_ATTR,
XML_RNGP_PAT_ONEMORE_INTERLEAVE_ATTR,
XML_RNGP_PAT_START_ATTR,
XML_RNGP_PAT_START_DATA,
XML_RNGP_PAT_START_EMPTY,
XML_RNGP_PAT_START_GROUP,
XML_RNGP_PAT_START_INTERLEAVE,
XML_RNGP_PAT_START_LIST,
XML_RNGP_PAT_START_ONEMORE,
XML_RNGP_PAT_START_TEXT,
XML_RNGP_PAT_START_VALUE,
XML_RNGP_PREFIX_UNDEFINED,
XML_RNGP_REF_CREATE_FAILED,
XML_RNGP_REF_CYCLE,
XML_RNGP_REF_NAME_INVALID,
XML_RNGP_REF_NO_DEF,
XML_RNGP_REF_NO_NAME,
XML_RNGP_REF_NOT_EMPTY,
XML_RNGP_START_CHOICE_AND_INTERLEAVE,
XML_RNGP_START_CONTENT,
XML_RNGP_START_EMPTY,
XML_RNGP_START_MISSING,
XML_RNGP_TEXT_EXPECTED,
XML_RNGP_TEXT_HAS_CHILD,
XML_RNGP_TYPE_MISSING,
XML_RNGP_TYPE_NOT_FOUND,
XML_RNGP_TYPE_VALUE,
XML_RNGP_UNKNOWN_ATTRIBUTE,
XML_RNGP_UNKNOWN_COMBINE,
XML_RNGP_UNKNOWN_CONSTRUCT,
XML_RNGP_UNKNOWN_TYPE_LIB,
XML_RNGP_URI_FRAGMENT,
XML_RNGP_URI_NOT_ABSOLUTE,
XML_RNGP_VALUE_EMPTY,
XML_RNGP_VALUE_NO_CONTENT,
XML_RNGP_XMLNS_NAME,
XML_RNGP_XML_NS,
XML_XPATH_EXPRESSION_OK = 1200,
XML_XPATH_NUMBER_ERROR,
XML_XPATH_UNFINISHED_LITERAL_ERROR,
XML_XPATH_START_LITERAL_ERROR,
```

```
XML_XPATH_VARIABLE_REF_ERROR,
XML_XPATH_UNDEF_VARIABLE_ERROR,
XML_XPATH_INVALID_PREDICATE_ERROR,
XML_XPATH_EXPR_ERROR,
XML_XPATH_UNCLOSED_ERROR,
XML_XPATH_UNKNOWN_FUNC_ERROR,
XML_XPATH_INVALID_OPERAND,
XML_XPATH_INVALID_TYPE,
XML_XPATH_INVALID_ARITY,
XML_XPATH_INVALID_CTXT_SIZE,
XML_XPATH_INVALID_CTXT_POSITION,
XML_XPATH_MEMORY_ERROR,
XML_XPTR_SYNTAX_ERROR,
XML_XPTR_RESOURCE_ERROR,
XML_XPTR_SUB_RESOURCE_ERROR,
XML_XPATH_UNDEF_PREFIX_ERROR,
XML_XPATH_ENCODING_ERROR,
XML_XPATH_INVALID_CHAR_ERROR,
XML_TREE_INVALID_HEX = 1300,
XML_TREE_INVALID_DEC,
XML_TREE_UNTERMINATED_ENTITY,
XML_SAVE_NOT_UTF8 = 1400,
XML_SAVE_CHAR_INVALID,
XML_SAVE_NO_DOCTYPE,
XML_SAVE_UNKNOWN_ENCODING,
XML_REGEXP_COMPILE_ERROR = 1450,
XML_IO_UNKNOWN = 1500,
XML_IO_EACCES,
XML_IO_EAGAIN,
XML_IO_EBADF,
XML_IO_EBADMSG,
XML_IO_EBUSY,
XML_IO_ECANCELED,
XML_IO_ECHILD,
XML_IO_EDEADLK,
XML_IO_EDOM,
XML_IO_EEXIST,
XML_IO_EFAULT,
XML_IO_EFBIG,
XML_IO_EINPROGRESS,
XML_IO_EINTR,
XML_IO_EINVAL,
XML_IO_EIO,
XML_IO_EISDIR,
XML_IO_EMFILE,
XML_IO_EMLINK,
XML_IO_EMSGSIZE,
XML_IO_ENAMETOOLONG,
XML_IO_ENFILE,
XML_IO_ENODEV,
XML_IO_ENOENT,
XML_IO_ENOEXEC,
XML_IO_ENOLCK,
XML_IO_ENOMEM,
XML_IO_ENOSPC,
XML_IO_ENOSYS,
XML_IO_ENOTDIR,
XML_IO_ENOTEMPTY,
XML_IO_ENOTSUP,
XML_IO_ENOTTY,
XML_IO_ENXIO,
XML_IO_EPERM,
XML_IO_EPIPE,
XML_IO_ERANGE,
XML_IO_EROFS,
XML_IO_ESPIPE,
```

```
    XML_IO_ESRCH,
    XML_IO_ETIMEDOUT,
    XML_IO_EXDEV,
    XML_IO_NETWORK_ATTEMPT,
    XML_IO_ENCODER,
    XML_IO_FLUSH,
    XML_IO_WRITE,
    XML_IO_NO_INPUT,
    XML_IO_BUFFER_FULL,
    XML_IO_LOAD_ERROR,
    XML_IO_ENOTSOCK,
    XML_IO_EISCONN,
    XML_IO_ECONNREFUSED,
    XML_IO_ENETUNREACH,
    XML_IO_EADDRINUSE,
    XML_IO_EALREADY,
    XML_IO_EAFNOSUPPORT,
    XML_XINCLUDE_RECURSION = 1600,
    XML_XINCLUDE_PARSE_VALUE,
    XML_XINCLUDE_ENTITY_DEF_MISMATCH,
    XML_XINCLUDE_NO_HREF,
    XML_XINCLUDE_NO_FALLBACK,
    XML_XINCLUDE_HREF_URI,
    XML_XINCLUDE_TEXT_FRAGMENT,
    XML_XINCLUDE_TEXT_DOCUMENT,
    XML_XINCLUDE_INVALID_CHAR,
    XML_XINCLUDE_BUILD_FAILED,
    XML_XINCLUDE_UNKNOWN_ENCODING,
    XML_XINCLUDE_MULTIPLE_ROOT,
    XML_XINCLUDE_XPTR_FAILED,
    XML_XINCLUDE_XPTR_RESULT,
    XML_XINCLUDE_INCLUDE_IN_INCLUDE,
    XML_XINCLUDE_FALLBACKS_IN_INCLUDE,
    XML_XINCLUDE_FALLBACK_NOT_IN_INCLUDE,
    XML_XINCLUDE_DEPRECATED_NS,
    XML_XINCLUDE_FRAGMENT_ID,
    XML_CATALOG_MISSING_ATTR = 1650,
    XML_CATALOG_ENTRY_BROKEN,
    XML_CATALOG_PREFER_VALUE,
    XML_CATALOG_NOT_CATALOG,
    XML_CATALOG_RECURSION,
    XML_SCHEMAP_PREFIX_UNDEFINED = 1700,
    XML_SCHEMAP_ATTRFORMDEFAULT_VALUE,
    XML_SCHEMAP_ATTRGRP_NONAME_NOREF,
    XML_SCHEMAP_ATTR_NONAME_NOREF,
    XML_SCHEMAP_COMPLEXTYPE_NONAME_NOREF,
    XML_SCHEMAP_ELEMFORMDEFAULT_VALUE,
    XML_SCHEMAP_ELEM_NONAME_NOREF,
    XML_SCHEMAP_EXTENSION_NO_BASE,
    XML_SCHEMAP_FACET_NO_VALUE,
    XML_SCHEMAP_FAILED_BUILD_IMPORT,
    XML_SCHEMAP_GROUP_NONAME_NOREF,
    XML_SCHEMAP_IMPORT_NAMESPACE_NOT_URI,
    XML_SCHEMAP_IMPORT_REDEFINE_NSNAME,
    XML_SCHEMAP_IMPORT_SCHEMA_NOT_URI,
    XML_SCHEMAP_INVALID_BOOLEAN,
    XML_SCHEMAP_INVALID_ENUM,
    XML_SCHEMAP_INVALID_FACET,
    XML_SCHEMAP_INVALID_FACET_VALUE,
    XML_SCHEMAP_INVALID_MAXOCCURS,
    XML_SCHEMAP_INVALID_MINOCCURS,
    XML_SCHEMAP_INVALID_REF_AND_SUBTYPE,
    XML_SCHEMAP_INVALID_WHITE_SPACE,
    XML_SCHEMAP_NOATTR_NOREF,
    XML_SCHEMAP_NOTATION_NO_NAME,
    XML_SCHEMAP_NOTYPE_NOREF,
```

```
XML_SCHEMAP_REF_AND_SUBTYPE,
XML_SCHEMAP_RESTRICTION_NONAME_NOREF,
XML_SCHEMAP_SIMPLETYPE_NONAME,
XML_SCHEMAP_TYPE_AND_SUBTYPE,
XML_SCHEMAP_UNKNOWN_ALL_CHILD,
XML_SCHEMAP_UNKNOWN_ANYATTRIBUTE_CHILD,
XML_SCHEMAP_UNKNOWN_ATTR_CHILD,
XML_SCHEMAP_UNKNOWN_ATTRGRP_CHILD,
XML_SCHEMAP_UNKNOWN_ATTRIBUTE_GROUP,
XML_SCHEMAP_UNKNOWN_BASE_TYPE,
XML_SCHEMAP_UNKNOWN_CHOICE_CHILD,
XML_SCHEMAP_UNKNOWN_COMPLEXCONTENT_CHILD,
XML_SCHEMAP_UNKNOWN_COMPLEXTYPE_CHILD,
XML_SCHEMAP_UNKNOWN_ELEM_CHILD,
XML_SCHEMAP_UNKNOWN_EXTENSION_CHILD,
XML_SCHEMAP_UNKNOWN_FACET_CHILD,
XML_SCHEMAP_UNKNOWN_FACET_TYPE,
XML_SCHEMAP_UNKNOWN_GROUP_CHILD,
XML_SCHEMAP_UNKNOWN_IMPORT_CHILD,
XML_SCHEMAP_UNKNOWN_LIST_CHILD,
XML_SCHEMAP_UNKNOWN_NOTATION_CHILD,
XML_SCHEMAP_UNKNOWN_PROCESSCONTENT_CHILD,
XML_SCHEMAP_UNKNOWN_REF,
XML_SCHEMAP_UNKNOWN_RESTRICTION_CHILD,
XML_SCHEMAP_UNKNOWN_SCHEMAS_CHILD,
XML_SCHEMAP_UNKNOWN_SEQUENCE_CHILD,
XML_SCHEMAP_UNKNOWN_SIMPLECONTENT_CHILD,
XML_SCHEMAP_UNKNOWN_SIMPLETYPE_CHILD,
XML_SCHEMAP_UNKNOWN_TYPE,
XML_SCHEMAP_UNKNOWN_UNION_CHILD,
XML_SCHEMAP_ELEM_DEFAULT_FIXED,
XML_SCHEMAP_REGEXP_INVALID,
XML_SCHEMAP_FAILED_LOAD,
XML_SCHEMAP_NOTHING_TO_PARSE,
XML_SCHEMAP_NOROOT,
XML_SCHEMAP_REDEFINED_GROUP,
XML_SCHEMAP_REDEFINED_TYPE,
XML_SCHEMAP_REDEFINED_ELEMENT,
XML_SCHEMAP_REDEFINED_ATTRGROUP,
XML_SCHEMAP_REDEFINED_ATTR,
XML_SCHEMAP_REDEFINED_NOTATION,
XML_SCHEMAP_FAILED_PARSE,
XML_SCHEMAP_UNKNOWN_PREFIX,
XML_SCHEMAP_DEF_AND_PREFIX,
XML_SCHEMAP_UNKNOWN_INCLUDE_CHILD,
XML_SCHEMAP_INCLUDE_SCHEMA_NOT_URI,
XML_SCHEMAP_INCLUDE_SCHEMA_NO_URI,
XML_SCHEMAP_NOT_SCHEMA,
XML_SCHEMAP_UNKNOWN_MEMBER_TYPE,
XML_SCHEMAP_INVALID_ATTR_USE,
XML_SCHEMAP_RECURSIVE,
XML_SCHEMAP_SUPERNUMEROUS_LIST_ITEM_TYPE,
XML_SCHEMAP_INVALID_ATTR_COMBINATION,
XML_SCHEMAP_INVALID_ATTR_INLINE_COMBINATION,
XML_SCHEMAP_MISSING_SIMPLETYPE_CHILD,
XML_SCHEMAP_INVALID_ATTR_NAME,
XML_SCHEMAP_REF_AND_CONTENT,
XML_SCHEMAP_CT_PROPS_CORRECT_1,
XML_SCHEMAP_CT_PROPS_CORRECT_2,
XML_SCHEMAP_CT_PROPS_CORRECT_3,
XML_SCHEMAP_CT_PROPS_CORRECT_4,
XML_SCHEMAP_CT_PROPS_CORRECT_5,
XML_SCHEMAP_DERIVATION_OK_RESTRICTION_1,
XML_SCHEMAP_DERIVATION_OK_RESTRICTION_2_1_1,
XML_SCHEMAP_DERIVATION_OK_RESTRICTION_2_1_2,
XML_SCHEMAP_DERIVATION_OK_RESTRICTION_2_2,
```

© 2008 Linux Foundation

```
XML_SCHEMAP_DERIVATION_OK_RESTRICTION_3,
XML_SCHEMAP_WILDCARD_INVALID_NS_MEMBER,
XML_SCHEMAP_INTERSECTION_NOT_EXPRESSIBLE,
XML_SCHEMAP_UNION_NOT_EXPRESSIBLE,
XML_SCHEMAP_SRC_IMPORT_3_1,
XML_SCHEMAP_SRC_IMPORT_3_2,
XML_SCHEMAP_DERIVATION_OK_RESTRICTION_4_1,
XML_SCHEMAP_DERIVATION_OK_RESTRICTION_4_2,
XML_SCHEMAP_DERIVATION_OK_RESTRICTION_4_3,
XML_SCHEMAP_COS_CT_EXTENDS_1_3,
XML_SCHEMAV_NOROOT = 1801,
XML_SCHEMAV_UNDECLAREDELEM,
XML_SCHEMAV_NOTTOPLEVEL,
XML_SCHEMAV_MISSING,
XML_SCHEMAV_WRONGELEM,
XML_SCHEMAV_NOTYPE,
XML_SCHEMAV_NOROLLBACK,
XML_SCHEMAV_ISABSTRACT,
XML_SCHEMAV_NOTEMPTY,
XML_SCHEMAV_ELEMCONT,
XML_SCHEMAV_HAVEDEFAULT,
XML_SCHEMAV_NOTNILLABLE,
XML_SCHEMAV_EXTRACONTENT,
XML_SCHEMAV_INVALIDATTR,
XML_SCHEMAV_INVALIDELEM,
XML_SCHEMAV_NOTDETERMINIST,
XML_SCHEMAV_CONSTRUCT,
XML_SCHEMAV_INTERNAL,
XML_SCHEMAV_NOTSIMPLE,
XML_SCHEMAV_ATTRUNKNOWN,
XML_SCHEMAV_ATTRINVALID,
XML_SCHEMAV_VALUE,
XML_SCHEMAV_FACET,
XML_SCHEMAV_CVC_DATATYPE_VALID_1_2_1,
XML_SCHEMAV_CVC_DATATYPE_VALID_1_2_2,
XML_SCHEMAV_CVC_DATATYPE_VALID_1_2_3,
XML_SCHEMAV_CVC_TYPE_3_1_1,
XML_SCHEMAV_CVC_TYPE_3_1_2,
XML_SCHEMAV_CVC_FACET_VALID,
XML_SCHEMAV_CVC_LENGTH_VALID,
XML_SCHEMAV_CVC_MINLENGTH_VALID,
XML_SCHEMAV_CVC_MAXLENGTH_VALID,
XML_SCHEMAV_CVC_MININCLUSIVE_VALID,
XML_SCHEMAV_CVC_MAXINCLUSIVE_VALID,
XML_SCHEMAV_CVC_MINEXCLUSIVE_VALID,
XML_SCHEMAV_CVC_MAXEXCLUSIVE_VALID,
XML_SCHEMAV_CVC_TOTALDIGITS_VALID,
XML_SCHEMAV_CVC_FRACTIONDIGITS_VALID,
XML_SCHEMAV_CVC_PATTERN_VALID,
XML_SCHEMAV_CVC_ENUMERATION_VALID,
XML_SCHEMAV_CVC_COMPLEX_TYPE_2_1,
XML_SCHEMAV_CVC_COMPLEX_TYPE_2_2,
XML_SCHEMAV_CVC_COMPLEX_TYPE_2_3,
XML_SCHEMAV_CVC_COMPLEX_TYPE_2_4,
XML_SCHEMAV_CVC_ELT_1,
XML_SCHEMAV_CVC_ELT_2,
XML_SCHEMAV_CVC_ELT_3_1,
XML_SCHEMAV_CVC_ELT_3_2_1,
XML_SCHEMAV_CVC_ELT_3_2_2,
XML_SCHEMAV_CVC_ELT_4_1,
XML_SCHEMAV_CVC_ELT_4_2,
XML_SCHEMAV_CVC_ELT_4_3,
XML_SCHEMAV_CVC_ELT_5_1_1,
XML_SCHEMAV_CVC_ELT_5_1_2,
XML_SCHEMAV_CVC_ELT_5_2_1,
XML_SCHEMAV_CVC_ELT_5_2_2_1,
```

```
XML_SCHEMAV_CVC_ELT_5_2_2_2_1,
XML_SCHEMAV_CVC_ELT_5_2_2_2_2,
XML_SCHEMAV_CVC_ELT_6,
XML_SCHEMAV_CVC_ELT_7,
XML_SCHEMAV_CVC_ATTRIBUTE_1,
XML_SCHEMAV_CVC_ATTRIBUTE_2,
XML_SCHEMAV_CVC_ATTRIBUTE_3,
XML_SCHEMAV_CVC_ATTRIBUTE_4,
XML_SCHEMAV_CVC_COMPLEX_TYPE_3_1,
XML_SCHEMAV_CVC_COMPLEX_TYPE_3_2_1,
XML_SCHEMAV_CVC_COMPLEX_TYPE_3_2_2,
XML_SCHEMAV_CVC_COMPLEX_TYPE_4,
XML_SCHEMAV_CVC_COMPLEX_TYPE_5_1,
XML_SCHEMAV_CVC_COMPLEX_TYPE_5_2,
XML_SCHEMAV_ELEMENT_CONTENT,
XML_SCHEMAV_DOCUMENT_ELEMENT_MISSING,
XML_SCHEMAV_CVC_COMPLEX_TYPE_1,
XML_SCHEMAV_CVC_AU,
XML_SCHEMAV_CVC_TYPE_1,
XML_SCHEMAV_CVC_TYPE_2,
XML_SCHEMAV_CVC_IDC,
XML_SCHEMAV_CVC_WILDCARD,
XML_XPTR_UNKNOWN_SCHEME = 1900,
XML_XPTR_CHILDSEQ_START,
XML_XPTR_EVAL_FAILED,
XML_XPTR_EXTRA_OBJECTS,
XML_C14N_CREATE_CTXT = 1950,
XML_C14N_REQUIRES_UTF8,
XML_C14N_CREATE_STACK,
XML_C14N_INVALID_NODE,
XML_C14N_UNKNOW_NODE,
XML_C14N_RELATIVE_NAMESPACE,
XML_FTP_PASV_ANSWER = 2000,
XML_FTP_EPSV_ANSWER,
XML_FTP_ACCNT,
XML_FTP_URL_SYNTAX,
XML_HTTP_URL_SYNTAX = 2020,
XML_HTTP_USE_IP,
XML_HTTP_UNKNOWN_HOST,
XML_SCHEMAP_SRC_SIMPLE_TYPE_1 = 3000,
XML_SCHEMAP_SRC_SIMPLE_TYPE_2,
XML_SCHEMAP_SRC_SIMPLE_TYPE_3,
XML_SCHEMAP_SRC_SIMPLE_TYPE_4,
XML_SCHEMAP_SRC_RESOLVE,
XML_SCHEMAP_SRC_RESTRICTION_BASE_OR_SIMPLETYPE,
XML_SCHEMAP_SRC_LIST_ITEMTYPE_OR_SIMPLETYPE,
XML_SCHEMAP_SRC_UNION_MEMBERTYPES_OR_SIMPLETYPES,
XML_SCHEMAP_ST_PROPS_CORRECT_1,
XML_SCHEMAP_ST_PROPS_CORRECT_2,
XML_SCHEMAP_ST_PROPS_CORRECT_3,
XML_SCHEMAP_COS_ST_RESTRICTS_1_1,
XML_SCHEMAP_COS_ST_RESTRICTS_1_2,
XML_SCHEMAP_COS_ST_RESTRICTS_1_3_1,
XML_SCHEMAP_COS_ST_RESTRICTS_1_3_2,
XML_SCHEMAP_COS_ST_RESTRICTS_2_1,
XML_SCHEMAP_COS_ST_RESTRICTS_2_3_1_1,
XML_SCHEMAP_COS_ST_RESTRICTS_2_3_1_2,
XML_SCHEMAP_COS_ST_RESTRICTS_2_3_2_1,
XML_SCHEMAP_COS_ST_RESTRICTS_2_3_2_2,
XML_SCHEMAP_COS_ST_RESTRICTS_2_3_2_3,
XML_SCHEMAP_COS_ST_RESTRICTS_2_3_2_4,
XML_SCHEMAP_COS_ST_RESTRICTS_2_3_2_5,
XML_SCHEMAP_COS_ST_RESTRICTS_3_1,
XML_SCHEMAP_COS_ST_RESTRICTS_3_3_1,
XML_SCHEMAP_COS_ST_RESTRICTS_3_3_1_2,
XML_SCHEMAP_COS_ST_RESTRICTS_3_3_2_2,
```

© 2008 Linux Foundation

```
XML_SCHEMAP_COS_ST_RESTRICTS_3_3_2_1,
XML_SCHEMAP_COS_ST_RESTRICTS_3_3_2_3,
XML_SCHEMAP_COS_ST_RESTRICTS_3_3_2_4,
XML_SCHEMAP_COS_ST_RESTRICTS_3_3_2_5,
XML_SCHEMAP_COS_ST_DERIVED_OK_2_1,
XML_SCHEMAP_COS_ST_DERIVED_OK_2_2,
XML_SCHEMAP_S4S_ELEM_NOT_ALLOWED,
XML_SCHEMAP_S4S_ELEM_MISSING,
XML_SCHEMAP_S4S_ATTR_NOT_ALLOWED,
XML_SCHEMAP_S4S_ATTR_MISSING,
XML_SCHEMAP_S4S_ATTR_INVALID_VALUE,
XML_SCHEMAP_SRC_ELEMENT_1,
XML_SCHEMAP_SRC_ELEMENT_2_1,
XML_SCHEMAP_SRC_ELEMENT_2_2,
XML_SCHEMAP_SRC_ELEMENT_3,
XML_SCHEMAP_P_PROPS_CORRECT_1,
XML_SCHEMAP_P_PROPS_CORRECT_2_1,
XML_SCHEMAP_P_PROPS_CORRECT_2_2,
XML_SCHEMAP_E_PROPS_CORRECT_2,
XML_SCHEMAP_E_PROPS_CORRECT_3,
XML_SCHEMAP_E_PROPS_CORRECT_4,
XML_SCHEMAP_E_PROPS_CORRECT_5,
XML_SCHEMAP_E_PROPS_CORRECT_6,
XML_SCHEMAP_SRC_INCLUDE,
XML_SCHEMAP_SRC_ATTRIBUTE_1,
XML_SCHEMAP_SRC_ATTRIBUTE_2,
XML_SCHEMAP_SRC_ATTRIBUTE_3_1,
XML_SCHEMAP_SRC_ATTRIBUTE_3_2,
XML_SCHEMAP_SRC_ATTRIBUTE_4,
XML_SCHEMAP_NO_XMLNS,
XML_SCHEMAP_NO_XSI,
XML_SCHEMAP_COS_VALID_DEFAULT_1,
XML_SCHEMAP_COS_VALID_DEFAULT_2_1,
XML_SCHEMAP_COS_VALID_DEFAULT_2_2_1,
XML_SCHEMAP_COS_VALID_DEFAULT_2_2_2,
XML_SCHEMAP_CVC_SIMPLE_TYPE,
XML_SCHEMAP_COS_CT_EXTENDS_1_1,
XML_SCHEMAP_SRC_IMPORT_1_1,
XML_SCHEMAP_SRC_IMPORT_1_2,
XML_SCHEMAP_SRC_IMPORT_2,
XML_SCHEMAP_SRC_IMPORT_2_1,
XML_SCHEMAP_SRC_IMPORT_2_2,
XML_SCHEMAP_INTERNAL,
XML_SCHEMAP_NOT_DETERMINISTIC,
XML_SCHEMAP_SRC_ATTRIBUTE_GROUP_1,
XML_SCHEMAP_SRC_ATTRIBUTE_GROUP_2,
XML_SCHEMAP_SRC_ATTRIBUTE_GROUP_3,
XML_SCHEMAP_MG_PROPS_CORRECT_1,
XML_SCHEMAP_MG_PROPS_CORRECT_2,
XML_SCHEMAP_SRC_CT_1,
XML_SCHEMAP_DERIVATION_OK_RESTRICTION_2_1_3,
XML_SCHEMAP_AU_PROPS_CORRECT_2,
XML_SCHEMAP_A_PROPS_CORRECT_2,
XML_SCHEMAP_C_PROPS_CORRECT,
XML_SCHEMAP_SRC_REDEFINE,
XML_SCHEMAP_SRC_IMPORT,
XML_SCHEMAP_WARN_SKIP_SCHEMA,
XML_SCHEMAP_WARN_UNLOCATED_SCHEMA,
XML_SCHEMAP_WARN_ATTR_REDECL_PROH,
XML_SCHEMAP_WARN_ATTR_POINTLESS_PROH,
XML_MODULE_OPEN = 4900,
XML_MODULE_CLOSE,
XML_CHECK_FOUND_ELEMENT = 5000,
XML_CHECK_FOUND_ATTRIBUTE,
XML_CHECK_FOUND_TEXT,
XML_CHECK_FOUND_CDATA,
```

```
    XML_CHECK_FOUND_ENTITYREF,
    XML_CHECK_FOUND_ENTITY,
    XML_CHECK_FOUND_PI,
    XML_CHECK_FOUND_COMMENT,
    XML_CHECK_FOUND_DOCTYPE,
    XML_CHECK_FOUND_FRAGMENT,
    XML_CHECK_FOUND_NOTATION,
    XML_CHECK_UNKNOWN_NODE,
    XML_CHECK_ENTITY_TYPE,
    XML_CHECK_NO_PARENT,
    XML_CHECK_NO_DOC,
    XML_CHECK_NO_NAME,
    XML_CHECK_NO_ELEM,
    XML_CHECK_WRONG_DOC,
    XML_CHECK_NO_PREV,
    XML_CHECK_WRONG_PREV,
    XML_CHECK_NO_NEXT,
    XML_CHECK_WRONG_NEXT,
    XML_CHECK_NOT_DTD,
    XML_CHECK_NOT_ATTR,
    XML_CHECK_NOT_ATTR_DECL,
    XML_CHECK_NOT_ELEM_DECL,
    XML_CHECK_NOT_ENTITY_DECL,
    XML_CHECK_NOT_NS_DECL,
    XML_CHECK_NO_HREF,
    XML_CHECK_WRONG_PARENT,
    XML_CHECK_NS_SCOPE,
    XML_CHECK_NS_ANCESTOR,
    XML_CHECK_NOT_UTF8,
    XML_CHECK_NO_DICT,
    XML_CHECK_NOT_NCNAME,
    XML_CHECK_OUTSIDE_DICT,
    XML_CHECK_WRONG_NAME,
    XML_CHECK_NAME_NOT_NULL,
    XML_I18N_NO_NAME = 6000,
    XML_I18N_NO_HANDLER,
    XML_I18N_EXCESS_HANDLER,
    XML_I18N_CONV_FAILED,
    XML_I18N_NO_OUTPUT
} xmlParserErrors;
extern   void   initGenericErrorDefaultFunc(xmlGenericErrorFunc   *
handler);
extern int xmlCopyError(xmlErrorPtr from, xmlErrorPtr to);
extern xmlErrorPtr xmlCtxtGetLastError(void *ctx);
extern void xmlCtxtResetLastError(void *ctx);
extern xmlErrorPtr xmlGetLastError(void);
extern void xmlParserError(void *ctx, const char *msg, ...);
extern void xmlParserPrintFileContext(xmlParserInputPtr input);
extern void xmlParserPrintFileInfo(xmlParserInputPtr input);
extern   void   xmlParserValidityError(void   *ctx,   const   char
*msg, ...);
extern  void  xmlParserValidityWarning(void  *ctx,  const  char
*msg, ...);
extern void xmlParserWarning(void *ctx, const char *msg, ...);
extern void xmlResetError(xmlErrorPtr err);
extern void xmlResetLastError(void);
extern void xmlSetGenericErrorFunc(void *ctx, xmlGenericErrorFunc
handler);
extern void xmlSetStructuredErrorFunc(void *ctx,
                                      xmlStructuredErrorFunc
handler);
```

19.2.26 libxml2/libxml/xmlexports.h

```
#define XMLCALL
#define XMLCDECL
#define XMLPUBFUN
#define XMLPUBVAR       extern
#define LIBXML_DLL_IMPORT       XMLPUBVAR
```

19.2.27 libxml2/libxml/xmlmemory.h

```
typedef void (*xmlFreeFunc) (void *);
typedef void *(*xmlMallocFunc) (size_t);
typedef void *(*xmlReallocFunc) (void *, size_t);
typedef char *(*xmlStrdupFunc) (const char *);
extern void xmlCleanupMemory(void);
extern int xmlGcMemGet(xmlFreeFunc * freeFunc, xmlMallocFunc *
mallocFunc,
                       xmlMallocFunc * mallocAtomicFunc,
                       xmlReallocFunc * reallocFunc,
                       xmlStrdupFunc * strdupFunc);
extern int xmlGcMemSetup(xmlFreeFunc freeFunc, xmlMallocFunc
mallocFunc,
                         xmlMallocFunc mallocAtomicFunc,
                         xmlReallocFunc reallocFunc,
                         xmlStrdupFunc strdupFunc);
extern int xmlInitMemory(void);
extern void *xmlMallocAtomicLoc(size_t size, const char *file,
int line);
extern void *xmlMallocLoc(size_t size, const char *file, int
line);
extern int xmlMemBlocks(void);
extern void xmlMemDisplay(FILE * fp);
extern void xmlMemFree(void *ptr);
extern int xmlMemGet(xmlFreeFunc * freeFunc, xmlMallocFunc *
mallocFunc,
                     xmlReallocFunc * reallocFunc,
                     xmlStrdupFunc * strdupFunc);
extern void *xmlMemMalloc(size_t size);
extern void *xmlMemRealloc(void *ptr, size_t size);
extern int xmlMemSetup(xmlFreeFunc freeFunc, xmlMallocFunc
mallocFunc,
                       xmlReallocFunc reallocFunc,
                       xmlStrdupFunc strdupFunc);
extern void xmlMemShow(FILE * fp, int nr);
extern char *xmlMemStrdupLoc(const char *str, const char *file,
int line);
extern int xmlMemUsed(void);
extern void xmlMemoryDump(void);
extern char *xmlMemoryStrdup(const char *str);
extern void *xmlReallocLoc(void *ptr, size_t size, const char
*file,
                           int line);
```

19.2.28 libxml2/libxml/xmlmodule.h

```
typedef struct _xmlModule xmlModule;
typedef xmlModule *xmlModulePtr;
typedef enum {
    XML_MODULE_LAZY = 1,
    XML_MODULE_LOCAL = 2
} xmlModuleOption;
extern int xmlModuleClose(xmlModulePtr module);
extern int xmlModuleFree(xmlModulePtr module);
extern xmlModulePtr xmlModuleOpen(const char *filename, int
options);
```

```
extern int xmlModuleSymbol(xmlModulePtr module, const char *name,
                           void **result);
```

19.2.29 libxml2/libxml/xmlreader.h

```
typedef struct _xmlTextReader xmlTextReader;
typedef xmlTextReader *xmlTextReaderPtr;
typedef enum {
    XML_PARSER_SEVERITY_VALIDITY_WARNING = 1,
    XML_PARSER_SEVERITY_VALIDITY_ERROR = 2,
    XML_PARSER_SEVERITY_WARNING = 3,
    XML_PARSER_SEVERITY_ERROR = 4
} xmlParserSeverities;
typedef void *xmlTextReaderLocatorPtr;
typedef void (*xmlTextReaderErrorFunc) (void *, const char *,
                                        xmlParserSeverities,
                                        xmlTextReaderLocatorPtr);
typedef enum {
    XML_PARSER_LOADDTD = 1,
    XML_PARSER_DEFAULTATTRS = 2,
    XML_PARSER_VALIDATE = 3,
    XML_PARSER_SUBST_ENTITIES = 4
} xmlParserProperties;
typedef enum {
    XML_READER_TYPE_NONE = 0,
    XML_READER_TYPE_ELEMENT = 1,
    XML_READER_TYPE_ATTRIBUTE = 2,
    XML_READER_TYPE_TEXT = 3,
    XML_READER_TYPE_CDATA = 4,
    XML_READER_TYPE_ENTITY_REFERENCE = 5,
    XML_READER_TYPE_ENTITY = 6,
    XML_READER_TYPE_PROCESSING_INSTRUCTION = 7,
    XML_READER_TYPE_COMMENT = 8,
    XML_READER_TYPE_DOCUMENT = 9,
    XML_READER_TYPE_DOCUMENT_TYPE = 10,
    XML_READER_TYPE_DOCUMENT_FRAGMENT = 11,
    XML_READER_TYPE_NOTATION = 12,
    XML_READER_TYPE_WHITESPACE = 13,
    XML_READER_TYPE_SIGNIFICANT_WHITESPACE = 14,
    XML_READER_TYPE_END_ELEMENT = 15,
    XML_READER_TYPE_END_ENTITY = 16,
    XML_READER_TYPE_XML_DECLARATION = 17
} xmlReaderTypes;
typedef enum {
    XML_TEXTREADER_MODE_INITIAL = 0,
    XML_TEXTREADER_MODE_INTERACTIVE = 1,
    XML_TEXTREADER_MODE_ERROR = 2,
    XML_TEXTREADER_MODE_EOF = 3,
    XML_TEXTREADER_MODE_CLOSED = 4,
    XML_TEXTREADER_MODE_READING = 5
} xmlTextReaderMode;
extern void xmlFreeTextReader(xmlTextReaderPtr reader);
extern  xmlTextReaderPtr  xmlNewTextReader(xmlParserInputBufferPtr
input,
                                           const char *URI);
extern   xmlTextReaderPtr   xmlNewTextReaderFilename(const   char
*URI);
extern xmlTextReaderPtr xmlReaderForDoc(const xmlChar * cur,
                                        const char *URL,
                                         const char *encoding, int
options);
extern xmlTextReaderPtr xmlReaderForFd(int fd, const char *URL,
                                        const char *encoding, int
options);
```

```
extern xmlTextReaderPtr xmlReaderForFile(const char *filename,
                                         const char *encoding,
                                         int options);
extern    xmlTextReaderPtr    xmlReaderForIO(xmlInputReadCallback
ioread,
                                            xmlInputCloseCallback
ioclose,
                                          void *ioctx, const char
*URL,
                                        const char *encoding, int
options);
extern  xmlTextReaderPtr  xmlReaderForMemory(const  char  *buffer,
int size,
                                           const char *URL,
                                           const char *encoding,
                                           int options);
extern int xmlReaderNewDoc(xmlTextReaderPtr reader, const xmlChar
* cur,
                           const char *URL, const char *encoding,
                           int options);
extern int xmlReaderNewFd(xmlTextReaderPtr reader, int fd, const
char *URL,
                          const char *encoding, int options);
extern  int  xmlReaderNewFile(xmlTextReaderPtr  reader,  const  char
*filename,
                            const char *encoding, int options);
extern int xmlReaderNewIO(xmlTextReaderPtr reader,
                          xmlInputReadCallback ioread,
                              xmlInputCloseCallback ioclose, void
*ioctx,
                          const char *URL, const char *encoding,
                          int options);
extern int xmlReaderNewMemory(xmlTextReaderPtr reader, const char
*buffer,
                              int size, const char *URL,
                              const char *encoding, int options);
extern  int  xmlReaderNewWalker(xmlTextReaderPtr  reader,  xmlDocPtr
doc);
extern xmlTextReaderPtr xmlReaderWalker(xmlDocPtr doc);
extern int xmlTextReaderAttributeCount(xmlTextReaderPtr reader);
extern xmlChar *xmlTextReaderBaseUri(xmlTextReaderPtr reader);
extern    long    int    xmlTextReaderByteConsumed(xmlTextReaderPtr
reader);
extern int xmlTextReaderClose(xmlTextReaderPtr reader);
extern  const  xmlChar  *xmlTextReaderConstBaseUri(xmlTextReaderPtr
reader);
extern const xmlChar *xmlTextReaderConstEncoding(xmlTextReaderPtr
reader);
extern                        const                         xmlChar
*xmlTextReaderConstLocalName(xmlTextReaderPtr reader);
extern   const   xmlChar   *xmlTextReaderConstName(xmlTextReaderPtr
reader);
extern                        const                         xmlChar
*xmlTextReaderConstNamespaceUri(xmlTextReaderPtr
                                                          reader);
extern  const  xmlChar  *xmlTextReaderConstPrefix(xmlTextReaderPtr
reader);
extern  const  xmlChar  *xmlTextReaderConstString(xmlTextReaderPtr
reader,
                                                   const xmlChar *
str);
extern  const  xmlChar  *xmlTextReaderConstValue(xmlTextReaderPtr
reader);
extern  const  xmlChar  *xmlTextReaderConstXmlLang(xmlTextReaderPtr
reader);
extern                        const                         xmlChar
```

```
*xmlTextReaderConstXmlVersion(xmlTextReaderPtr
                                                    reader);
extern     xmlDocPtr     xmlTextReaderCurrentDoc(xmlTextReaderPtr
reader);
extern    xmlNodePtr    xmlTextReaderCurrentNode(xmlTextReaderPtr
reader);
extern int xmlTextReaderDepth(xmlTextReaderPtr reader);
extern xmlNodePtr xmlTextReaderExpand(xmlTextReaderPtr reader);
extern     xmlChar     *xmlTextReaderGetAttribute(xmlTextReaderPtr
reader,
                                              const xmlChar * name);
extern    xmlChar    *xmlTextReaderGetAttributeNo(xmlTextReaderPtr
reader,
                                               int no);
extern    xmlChar    *xmlTextReaderGetAttributeNs(xmlTextReaderPtr
reader,
                                                    const xmlChar *
localName,
                                                    const xmlChar *
namespaceURI);
extern void xmlTextReaderGetErrorHandler(xmlTextReaderPtr reader,
                                              xmlTextReaderErrorFunc *
f,
                                             void **arg);
extern   int   xmlTextReaderGetParserColumnNumber(xmlTextReaderPtr
reader);
extern    int    xmlTextReaderGetParserLineNumber(xmlTextReaderPtr
reader);
extern  int  xmlTextReaderGetParserProp(xmlTextReaderPtr  reader,
int prop);
extern                                       xmlParserInputBufferPtr
xmlTextReaderGetRemainder(xmlTextReaderPtr
                                                              reader);
extern int xmlTextReaderHasAttributes(xmlTextReaderPtr reader);
extern int xmlTextReaderHasValue(xmlTextReaderPtr reader);
extern int xmlTextReaderIsDefault(xmlTextReaderPtr reader);
extern int xmlTextReaderIsEmptyElement(xmlTextReaderPtr reader);
extern int xmlTextReaderIsNamespaceDecl(xmlTextReaderPtr reader);
extern int xmlTextReaderIsValid(xmlTextReaderPtr reader);
extern xmlChar *xmlTextReaderLocalName(xmlTextReaderPtr reader);
extern                                                 xmlChar
*xmlTextReaderLocatorBaseURI(xmlTextReaderLocatorPtr
                                               locator);
extern int xmlTextReaderLocatorLineNumber(xmlTextReaderLocatorPtr
locator);
extern   xmlChar    *xmlTextReaderLookupNamespace(xmlTextReaderPtr
reader,
                                                    const xmlChar *
prefix);
extern int xmlTextReaderMoveToAttribute(xmlTextReaderPtr reader,
                                         const xmlChar * name);
extern     int     xmlTextReaderMoveToAttributeNo(xmlTextReaderPtr
reader, int no);
extern     int     xmlTextReaderMoveToAttributeNs(xmlTextReaderPtr
reader,
                                                    const xmlChar *
localName,
                                                    const xmlChar *
namespaceURI);
extern int xmlTextReaderMoveToElement(xmlTextReaderPtr reader);
extern   int    xmlTextReaderMoveToFirstAttribute(xmlTextReaderPtr
reader);
extern    int    xmlTextReaderMoveToNextAttribute(xmlTextReaderPtr
reader);
extern xmlChar *xmlTextReaderName(xmlTextReaderPtr reader);
extern     xmlChar     *xmlTextReaderNamespaceUri(xmlTextReaderPtr
```

```
reader);
extern int xmlTextReaderNext(xmlTextReaderPtr reader);
extern int xmlTextReaderNextSibling(xmlTextReaderPtr reader);
extern int xmlTextReaderNodeType(xmlTextReaderPtr reader);
extern int xmlTextReaderNormalization(xmlTextReaderPtr reader);
extern xmlChar *xmlTextReaderPrefix(xmlTextReaderPtr reader);
extern xmlNodePtr xmlTextReaderPreserve(xmlTextReaderPtr reader);
extern int xmlTextReaderPreservePattern(xmlTextReaderPtr reader,
                                        const xmlChar * pattern,
                                                  const xmlChar *
*namespaces);
extern int xmlTextReaderQuoteChar(xmlTextReaderPtr reader);
extern int xmlTextReaderRead(xmlTextReaderPtr reader);
extern    int    xmlTextReaderReadAttributeValue(xmlTextReaderPtr
reader);
extern     xmlChar     *xmlTextReaderReadInnerXml(xmlTextReaderPtr
reader);
extern     xmlChar     *xmlTextReaderReadOuterXml(xmlTextReaderPtr
reader);
extern int xmlTextReaderReadState(xmlTextReaderPtr reader);
extern xmlChar *xmlTextReaderReadString(xmlTextReaderPtr reader);
extern int xmlTextReaderRelaxNGSetSchema(xmlTextReaderPtr reader,
                                         xmlRelaxNGPtr schema);
extern int xmlTextReaderRelaxNGValidate(xmlTextReaderPtr reader,
                                        const char *rng);
extern int xmlTextReaderSchemaValidate(xmlTextReaderPtr reader,
                                       const char *xsd);
extern void xmlTextReaderSetErrorHandler(xmlTextReaderPtr reader,
                                            xmlTextReaderErrorFunc
f,
                                         void *arg);
extern  int  xmlTextReaderSetParserProp(xmlTextReaderPtr  reader,
int prop,
                                      int value);
extern int xmlTextReaderSetSchema(xmlTextReaderPtr reader,
                                  xmlSchemaPtr schema);
extern                                                        void
xmlTextReaderSetStructuredErrorHandler(xmlTextReaderPtr reader,
                                                    xmlStructuredE
rrorFunc
                                                   f, void *arg);
extern int xmlTextReaderStandalone(xmlTextReaderPtr reader);
extern xmlChar *xmlTextReaderValue(xmlTextReaderPtr reader);
extern xmlChar *xmlTextReaderXmlLang(xmlTextReaderPtr reader);
```

19.2.30 libxml2/libxml/xmlregexp.h

```
typedef struct _xmlRegexp xmlRegexp;
typedef xmlRegexp *xmlRegexpPtr;
typedef struct _xmlRegExecCtxt xmlRegExecCtxt;
typedef xmlRegExecCtxt *xmlRegExecCtxtPtr;
typedef struct _xmlExpNode xmlExpNode;
typedef xmlExpNode *xmlExpNodePtr;
typedef  void  (*xmlRegExecCallbacks)  (xmlRegExecCtxtPtr,  const
xmlChar *,
                                     void *, void *);
typedef struct _xmlExpCtxt xmlExpCtxt;
typedef xmlExpCtxt *xmlExpCtxtPtr;
typedef enum {
    XML_EXP_EMPTY = 0,
    XML_EXP_FORBID = 1,
    XML_EXP_ATOM = 2,
    XML_EXP_SEQ = 3,
    XML_EXP_OR = 4,
```

```
    XML_EXP_COUNT = 5
} xmlExpNodeType;
extern xmlExpNodePtr emptyExp;
extern xmlExpNodePtr forbiddenExp;
extern int xmlExpCtxtNbCons(xmlExpCtxtPtr ctxt);
extern int xmlExpCtxtNbNodes(xmlExpCtxtPtr ctxt);
extern void xmlExpDump(xmlBufferPtr buf, xmlExpNodePtr expr);
extern xmlExpNodePtr xmlExpExpDerive(xmlExpCtxtPtr ctxt,
                                     xmlExpNodePtr expr,
                                     xmlExpNodePtr sub);
extern void xmlExpFree(xmlExpCtxtPtr ctxt, xmlExpNodePtr expr);
extern void xmlExpFreeCtxt(xmlExpCtxtPtr ctxt);
extern  int  xmlExpGetLanguage(xmlExpCtxtPtr  ctxt,  xmlExpNodePtr
expr,
                               const xmlChar * *langList, int len);
extern int xmlExpGetStart(xmlExpCtxtPtr ctxt, xmlExpNodePtr expr,
                          const xmlChar * *tokList, int len);
extern int xmlExpIsNillable(xmlExpNodePtr expr);
extern int xmlExpMaxToken(xmlExpNodePtr expr);
extern xmlExpNodePtr xmlExpNewAtom(xmlExpCtxtPtr ctxt,
                                   const xmlChar * name, int
len);
extern   xmlExpCtxtPtr   xmlExpNewCtxt(int   maxNodes,   xmlDictPtr
dict);
extern     xmlExpNodePtr     xmlExpNewOr(xmlExpCtxtPtr     ctxt,
xmlExpNodePtr left,
                               xmlExpNodePtr right);
extern xmlExpNodePtr xmlExpNewRange(xmlExpCtxtPtr ctxt,
                                    xmlExpNodePtr subset, int
min,
                                  int max);
extern     xmlExpNodePtr     xmlExpNewSeq(xmlExpCtxtPtr     ctxt,
xmlExpNodePtr left,
                                 xmlExpNodePtr right);
extern  xmlExpNodePtr  xmlExpParse(xmlExpCtxtPtr  ctxt,  const  char
*expr);
extern void xmlExpRef(xmlExpNodePtr expr);
extern xmlExpNodePtr xmlExpStringDerive(xmlExpCtxtPtr ctxt,
                                        xmlExpNodePtr expr,
                                          const xmlChar * str, int
len);
extern int xmlExpSubsume(xmlExpCtxtPtr ctxt, xmlExpNodePtr expr,
                         xmlExpNodePtr sub);
extern int xmlRegExecErrInfo(xmlRegExecCtxtPtr exec,
                             const xmlChar * *string, int *nbval,
                               int *nbneg, xmlChar * *values, int
*terminal);
extern   int   xmlRegExecNextValues(xmlRegExecCtxtPtr   exec,   int
*nbval,
                                int *nbneg, xmlChar * *values,
                                int *terminal);
extern int xmlRegExecPushString(xmlRegExecCtxtPtr exec,
                                     const xmlChar * value, void
*data);
extern int xmlRegExecPushString2(xmlRegExecCtxtPtr exec,
                                 const xmlChar * value,
                                     const xmlChar * value2, void
*data);
extern void xmlRegFreeExecCtxt(xmlRegExecCtxtPtr exec);
extern void xmlRegFreeRegexp(xmlRegexpPtr regexp);
extern xmlRegExecCtxtPtr xmlRegNewExecCtxt(xmlRegexpPtr comp,
                                           xmlRegExecCallbacks
callback,
                                         void *data);
extern xmlRegexpPtr xmlRegexpCompile(const xmlChar * regexp);
extern  int  xmlRegexpExec(xmlRegexpPtr  comp,  const  xmlChar  *
```

```
value);
extern int xmlRegexpIsDeterminist(xmlRegexpPtr comp);
extern void xmlRegexpPrint(FILE * output, xmlRegexpPtr regexp);
```

19.2.31 libxml2/libxml/xmlsave.h

```
typedef struct _xmlSaveCtxt xmlSaveCtxt;
typedef xmlSaveCtxt *xmlSaveCtxtPtr;
typedef enum {
    XML_SAVE_FORMAT = 1 << 0,
    XML_SAVE_NO_DECL = 1 << 1,
    XML_SAVE_NO_EMPTY = 1 << 2,
    XML_SAVE_NO_XHTML = 1 << 3
} xmlSaveOption;
extern int xmlSaveClose(xmlSaveCtxtPtr ctxt);
extern long int xmlSaveDoc(xmlSaveCtxtPtr ctxt, xmlDocPtr doc);
extern int xmlSaveFlush(xmlSaveCtxtPtr ctxt);
extern int xmlSaveSetAttrEscape(xmlSaveCtxtPtr ctxt,
                                        xmlCharEncodingOutputFunc
escape);
extern int xmlSaveSetEscape(xmlSaveCtxtPtr ctxt,
                            xmlCharEncodingOutputFunc escape);
extern xmlSaveCtxtPtr xmlSaveToFd(int fd, const char *encoding,
                                  int options);
extern xmlSaveCtxtPtr xmlSaveToFilename(const char *filename,
                                        const char *encoding, int
options);
extern xmlSaveCtxtPtr xmlSaveToIO(xmlOutputWriteCallback iowrite,
                                  xmlOutputCloseCallback ioclose,
                                          void *ioctx, const char
*encoding,
                                  int options);
extern  long  int  xmlSaveTree(xmlSaveCtxtPtr  ctxt,  xmlNodePtr
node);
```

19.2.32 libxml2/libxml/xmlschemas.h

```
typedef struct _xmlSchemaValidCtxt xmlSchemaValidCtxt;
typedef xmlSchemaValidCtxt *xmlSchemaValidCtxtPtr;
typedef struct _xmlSchemaSAXPlug xmlSchemaSAXPlugStruct;
typedef xmlSchemaSAXPlugStruct *xmlSchemaSAXPlugPtr;
typedef struct _xmlSchemaParserCtxt xmlSchemaParserCtxt;
typedef xmlSchemaParserCtxt *xmlSchemaParserCtxtPtr;
typedef void (*xmlSchemaValidityErrorFunc) (void *, const char *,
...);
typedef void (*xmlSchemaValidityWarningFunc) (void *, const char
*, ...);
typedef struct _xmlSchema xmlSchema;
typedef xmlSchema *xmlSchemaPtr;
typedef enum {
    XML_SCHEMA_VAL_VC_I_CREATE = 1 << 0
} xmlSchemaValidOption;
extern void xmlSchemaDump(FILE * output, xmlSchemaPtr schema);
extern void xmlSchemaFree(xmlSchemaPtr schema);
extern void xmlSchemaFreeParserCtxt(xmlSchemaParserCtxtPtr ctxt);
extern void xmlSchemaFreeValidCtxt(xmlSchemaValidCtxtPtr ctxt);
extern int xmlSchemaGetParserErrors(xmlSchemaParserCtxtPtr ctxt,
                                    xmlSchemaValidityErrorFunc *
err,
                                    xmlSchemaValidityWarningFunc
* warn,
                                   void **ctx);
extern int xmlSchemaGetValidErrors(xmlSchemaValidCtxtPtr ctxt,
```

```
                                        xmlSchemaValidityErrorFunc *
err,
                                       xmlSchemaValidityWarningFunc *
warn,
                                      void **ctx);
extern int xmlSchemaIsValid(xmlSchemaValidCtxtPtr ctxt);
extern  xmlSchemaParserCtxtPtr  xmlSchemaNewDocParserCtxt(xmlDocPtr
doc);
extern   xmlSchemaParserCtxtPtr   xmlSchemaNewMemParserCtxt(const
char *buffer,
                                                                int
size);
extern  xmlSchemaParserCtxtPtr  xmlSchemaNewParserCtxt(const  char
*URL);
extern  xmlSchemaValidCtxtPtr  xmlSchemaNewValidCtxt(xmlSchemaPtr
schema);
extern xmlSchemaPtr xmlSchemaParse(xmlSchemaParserCtxtPtr ctxt);
extern  xmlSchemaSAXPlugPtr  xmlSchemaSAXPlug(xmlSchemaValidCtxtPtr
ctxt,
                                                 xmlSAXHandlerPtr *
sax,
                                               void **user_data);
extern int xmlSchemaSAXUnplug(xmlSchemaSAXPlugPtr plug);
extern void xmlSchemaSetParserErrors(xmlSchemaParserCtxtPtr ctxt,
                                        xmlSchemaValidityErrorFunc
err,
                                       xmlSchemaValidityWarningFunc
warn,
                                      void *ctx);
extern void xmlSchemaSetValidErrors(xmlSchemaValidCtxtPtr ctxt,
                                        xmlSchemaValidityErrorFunc
err,
                                       xmlSchemaValidityWarningFunc
warn,
                                      void *ctx);
extern int xmlSchemaSetValidOptions(xmlSchemaValidCtxtPtr ctxt,
                                      int options);
extern                                                          void
xmlSchemaSetValidStructuredErrors(xmlSchemaValidCtxtPtr ctxt,
                                                 xmlStructuredErrorF
unc
                                                serror, void *ctx);
extern   int   xmlSchemaValidCtxtGetOptions(xmlSchemaValidCtxtPtr
ctxt);
extern int xmlSchemaValidateDoc(xmlSchemaValidCtxtPtr ctxt,
                                   xmlDocPtr instance);
extern int xmlSchemaValidateFile(xmlSchemaValidCtxtPtr ctxt,
                                       const char *filename, int
options);
extern    int    xmlSchemaValidateOneElement(xmlSchemaValidCtxtPtr
ctxt,
                                        xmlNodePtr elem);
extern int xmlSchemaValidateStream(xmlSchemaValidCtxtPtr ctxt,
                                   xmlParserInputBufferPtr input,
                                   xmlCharEncoding enc,
                                       xmlSAXHandlerPtr sax, void
*user_data);
```

19.2.33 libxml2/libxml/xmlschemastypes.h

```
typedef struct _xmlSchemaType xmlSchemaType;
typedef xmlSchemaType *xmlSchemaTypePtr;
typedef struct _xmlSchemaVal xmlSchemaVal;
typedef xmlSchemaVal *xmlSchemaValPtr;
```

```
typedef enum {
    XML_SCHEMAS_UNKNOWN = 0,
    XML_SCHEMAS_STRING = 1,
    XML_SCHEMAS_NORMSTRING = 2,
    XML_SCHEMAS_DECIMAL = 3,
    XML_SCHEMAS_TIME = 4,
    XML_SCHEMAS_GDAY = 5,
    XML_SCHEMAS_GMONTH = 6,
    XML_SCHEMAS_GMONTHDAY = 7,
    XML_SCHEMAS_GYEAR = 8,
    XML_SCHEMAS_GYEARMONTH = 9,
    XML_SCHEMAS_DATE = 10,
    XML_SCHEMAS_DATETIME = 11,
    XML_SCHEMAS_DURATION = 12,
    XML_SCHEMAS_FLOAT = 13,
    XML_SCHEMAS_DOUBLE = 14,
    XML_SCHEMAS_BOOLEAN = 15,
    XML_SCHEMAS_TOKEN = 16,
    XML_SCHEMAS_LANGUAGE = 17,
    XML_SCHEMAS_NMTOKEN = 18,
    XML_SCHEMAS_NMTOKENS = 19,
    XML_SCHEMAS_NAME = 20,
    XML_SCHEMAS_QNAME = 21,
    XML_SCHEMAS_NCNAME = 22,
    XML_SCHEMAS_ID = 23,
    XML_SCHEMAS_IDREF = 24,
    XML_SCHEMAS_IDREFS = 25,
    XML_SCHEMAS_ENTITY = 26,
    XML_SCHEMAS_ENTITIES = 27,
    XML_SCHEMAS_NOTATION = 28,
    XML_SCHEMAS_ANYURI = 29,
    XML_SCHEMAS_INTEGER = 30,
    XML_SCHEMAS_NPINTEGER = 31,
    XML_SCHEMAS_NINTEGER = 32,
    XML_SCHEMAS_NNINTEGER = 33,
    XML_SCHEMAS_PINTEGER = 34,
    XML_SCHEMAS_INT = 35,
    XML_SCHEMAS_UINT = 36,
    XML_SCHEMAS_LONG = 37,
    XML_SCHEMAS_ULONG = 38,
    XML_SCHEMAS_SHORT = 39,
    XML_SCHEMAS_USHORT = 40,
    XML_SCHEMAS_BYTE = 41,
    XML_SCHEMAS_UBYTE = 42,
    XML_SCHEMAS_HEXBINARY = 43,
    XML_SCHEMAS_BASE64BINARY = 44,
    XML_SCHEMAS_ANYTYPE = 45,
    XML_SCHEMAS_ANYSIMPLETYPE = 46
} xmlSchemaValType;
extern void xmlSchemaCleanupTypes(void);
extern xmlChar *xmlSchemaCollapseString(const xmlChar * value);
extern     int     xmlSchemaCompareValues(xmlSchemaValPtr     x,
xmlSchemaValPtr y);
extern void xmlSchemaFreeValue(xmlSchemaValPtr val);
extern  xmlSchemaTypePtr  xmlSchemaGetBuiltInType(xmlSchemaValType
type);
extern int xmlSchemaGetCanonValue(xmlSchemaValPtr val,
                                  const xmlChar * *retValue);
extern xmlSchemaValType xmlSchemaGetValType(xmlSchemaValPtr val);
extern void xmlSchemaInitTypes(void);
extern int xmlSchemaValPredefTypeNode(xmlSchemaTypePtr type,
                                      const xmlChar * value,
                                      xmlSchemaValPtr * val,
                                      xmlNodePtr node);
```

19.2.34 libxml2/libxml/xmlstring.h

```
#define BAD_CAST        (xmlChar *)

typedef unsigned char xmlChar;
extern xmlChar *xmlCharStrdup(const char *cur);
extern xmlChar *xmlCharStrndup(const char *cur, int len);
extern int xmlCheckUTF8(const unsigned char *utf);
extern int xmlGetUTF8Char(const unsigned char *utf, int *len);
extern int xmlStrEqual(const xmlChar * str1, const xmlChar *
str2);
extern int xmlStrPrintf(xmlChar * buf, int len, const xmlChar *
msg, ...);
extern int xmlStrQEqual(const xmlChar * pref, const xmlChar *
name,
                        const xmlChar * str);
extern int xmlStrVPrintf(xmlChar * buf, int len, const xmlChar *
msg,
                         va_list ap);
extern int xmlStrcasecmp(const xmlChar * str1, const xmlChar *
str2);
extern const xmlChar *xmlStrcasestr(const xmlChar * str, xmlChar
* val);
extern xmlChar *xmlStrcat(xmlChar * cur, const xmlChar * add);
extern const xmlChar *xmlStrchr(const xmlChar * str, xmlChar
val);
extern int xmlStrcmp(const xmlChar * str1, const xmlChar * str2);
extern xmlChar *xmlStrdup(const xmlChar * cur);
extern int xmlStrlen(const xmlChar * str);
extern int xmlStrncasecmp(const xmlChar * str1, const xmlChar *
str2,
                          int len);
extern xmlChar *xmlStrncat(xmlChar * cur, const xmlChar * add,
int len);
extern xmlChar *xmlStrncatNew(const xmlChar * str1, const xmlChar
* str2,
                              int len);
extern int xmlStrncmp(const xmlChar * str1, const xmlChar * str2,
int len);
extern xmlChar *xmlStrndup(const xmlChar * cur, int len);
extern const xmlChar *xmlStrstr(const xmlChar * str, const
xmlChar * val);
extern xmlChar *xmlStrsub(const xmlChar * str, int start, int
len);
extern int xmlUTF8Charcmp(const xmlChar * utf1, const xmlChar *
utf2);
extern int xmlUTF8Size(const xmlChar * utf);
extern int xmlUTF8Strlen(const xmlChar * utf);
extern int xmlUTF8Strloc(const xmlChar * utf, const xmlChar *
utfchar);
extern xmlChar *xmlUTF8Strndup(const xmlChar * utf, int len);
extern const xmlChar *xmlUTF8Strpos(const xmlChar * utf, int
pos);
extern int xmlUTF8Strsize(const xmlChar * utf, int len);
extern xmlChar *xmlUTF8Strsub(const xmlChar * utf, int start, int
len);
```

19.2.35 libxml2/libxml/xmlversion.h

```
#define LIBXML_AUTOMATA_ENABLED
#define LIBXML_C14N_ENABLED
#define LIBXML_CATALOG_ENABLED
#define LIBXML_DEBUG_ENABLED
```

© 2008 Linux Foundation

```
#define LIBXML_DOCB_ENABLED
#define LIBXML_EXPR_ENABLED
#define LIBXML_FTP_ENABLED
#define LIBXML_HTML_ENABLED
#define LIBXML_HTTP_ENABLED
#define LIBXML_ICONV_ENABLED
#define LIBXML_ISO8859X_ENABLED
#define LIBXML_LEGACY_ENABLED
#define LIBXML_MODULES_ENABLED
#define LIBXML_OUTPUT_ENABLED
#define LIBXML_PATTERN_ENABLED
#define LIBXML_PUSH_ENABLED
#define LIBXML_READER_ENABLED
#define LIBXML_REGEXP_ENABLED
#define LIBXML_SAX1_ENABLED
#define LIBXML_SCHEMAS_ENABLED
#define LIBXML_SCHEMATRON_ENABLED
#define LIBXML_THREAD_ENABLED
#define LIBXML_TREE_ENABLED
#define LIBXML_UNICODE_ENABLED
#define LIBXML_VALID_ENABLED
#define LIBXML_VERSION_EXTRA    ""
#define LIBXML_WRITER_ENABLED
#define LIBXML_XINCLUDE_ENABLED
#define LIBXML_XPATH_ENABLED
#define LIBXML_XPTR_ENABLED
#define WITHOUT_TRIO
#define LIBXML_MODULE_EXTENSION ".so"
#define LIBXML_DOTTED_VERSION   "2.6.22"
#define LIBXML_VERSION  20622
#define LIBXML_VERSION_STRING   "20622"
#define LIBXML_TEST_VERSION     xmlCheckVersion(20622);
#define ATTRIBUTE_UNUSED        __attribute__((unused))

extern void xmlCheckVersion(int version);
```

19.2.36 libxml2/libxml/xmlwriter.h

```
#define xmlTextWriterWriteDocType       xmlTextWriterWriteDTD
#define                     xmlTextWriterWriteProcessingInstruction
xmlTextWriterWritePI

typedef struct _xmlTextWriter xmlTextWriter;
typedef xmlTextWriter *xmlTextWriterPtr;
extern void xmlFreeTextWriter(xmlTextWriterPtr writer);
extern xmlTextWriterPtr xmlNewTextWriter(xmlOutputBufferPtr out);
extern xmlTextWriterPtr xmlNewTextWriterDoc(xmlDocPtr * doc,
                                            int compression);
extern xmlTextWriterPtr xmlNewTextWriterFilename(const char *uri,
                                                 int
compression);
extern xmlTextWriterPtr xmlNewTextWriterMemory(xmlBufferPtr buf,
                                               int compression);
extern                                            xmlTextWriterPtr
xmlNewTextWriterPushParser(xmlParserCtxtPtr ctxt,
                                                           int
compression);
extern xmlTextWriterPtr xmlNewTextWriterTree(xmlDocPtr doc,
                                             xmlNodePtr node,
                                             int compression);
extern int xmlTextWriterEndAttribute(xmlTextWriterPtr writer);
extern int xmlTextWriterEndCDATA(xmlTextWriterPtr writer);
extern int xmlTextWriterEndComment(xmlTextWriterPtr writer);
extern int xmlTextWriterEndDTD(xmlTextWriterPtr writer);
```

```
extern int xmlTextWriterEndDTDAttlist(xmlTextWriterPtr writer);
extern int xmlTextWriterEndDTDElement(xmlTextWriterPtr writer);
extern int xmlTextWriterEndDTDEntity(xmlTextWriterPtr writer);
extern int xmlTextWriterEndDocument(xmlTextWriterPtr writer);
extern int xmlTextWriterEndElement(xmlTextWriterPtr writer);
extern int xmlTextWriterEndPI(xmlTextWriterPtr writer);
extern int xmlTextWriterFlush(xmlTextWriterPtr writer);
extern int xmlTextWriterFullEndElement(xmlTextWriterPtr writer);
extern  int  xmlTextWriterSetIndent(xmlTextWriterPtr  writer,  int
indent);
extern int xmlTextWriterSetIndentString(xmlTextWriterPtr writer,
                                        const xmlChar * str);
extern int xmlTextWriterStartAttribute(xmlTextWriterPtr writer,
                                       const xmlChar * name);
extern int xmlTextWriterStartAttributeNS(xmlTextWriterPtr writer,
                                         const xmlChar * prefix,
                                         const xmlChar * name,
                                                  const xmlChar *
namespaceURI);
extern int xmlTextWriterStartCDATA(xmlTextWriterPtr writer);
extern int xmlTextWriterStartComment(xmlTextWriterPtr writer);
extern int xmlTextWriterStartDTD(xmlTextWriterPtr writer,
                                 const xmlChar * name,
                                 const xmlChar * pubid,
                                 const xmlChar * sysid);
extern int xmlTextWriterStartDTDAttlist(xmlTextWriterPtr writer,
                                        const xmlChar * name);
extern int xmlTextWriterStartDTDElement(xmlTextWriterPtr writer,
                                        const xmlChar * name);
extern  int  xmlTextWriterStartDTDEntity(xmlTextWriterPtr  writer,
int pe,
                                         const xmlChar * name);
extern int xmlTextWriterStartDocument(xmlTextWriterPtr writer,
                                      const char *version,
                                      const char *encoding,
                                      const char *standalone);
extern int xmlTextWriterStartElement(xmlTextWriterPtr writer,
                                     const xmlChar * name);
extern int xmlTextWriterStartElementNS(xmlTextWriterPtr writer,
                                       const xmlChar * prefix,
                                       const xmlChar * name,
                                                 const xmlChar *
namespaceURI);
extern int xmlTextWriterStartPI(xmlTextWriterPtr writer,
                                const xmlChar * target);
extern int xmlTextWriterWriteAttribute(xmlTextWriterPtr writer,
                                       const xmlChar * name,
                                       const xmlChar * content);
extern int xmlTextWriterWriteAttributeNS(xmlTextWriterPtr writer,
                                         const xmlChar * prefix,
                                         const xmlChar * name,
                                                  const xmlChar *
namespaceURI,
                                                  const xmlChar *
content);
extern int xmlTextWriterWriteBase64(xmlTextWriterPtr writer,
                                    const char *data, int start,
int len);
extern int xmlTextWriterWriteBinHex(xmlTextWriterPtr writer,
                                    const char *data, int start,
int len);
extern int xmlTextWriterWriteCDATA(xmlTextWriterPtr writer,
                                   const xmlChar * content);
extern int xmlTextWriterWriteComment(xmlTextWriterPtr writer,
                                     const xmlChar * content);
extern int xmlTextWriterWriteDTD(xmlTextWriterPtr writer,
```

```
                                const xmlChar * name,
                                const xmlChar * pubid,
                                const xmlChar * sysid,
                                const xmlChar * subset);
extern int xmlTextWriterWriteDTDAttlist(xmlTextWriterPtr writer,
                                        const xmlChar * name,
                                        const xmlChar * content);
extern int xmlTextWriterWriteDTDElement(xmlTextWriterPtr writer,
                                        const xmlChar * name,
                                        const xmlChar * content);
extern  int  xmlTextWriterWriteDTDEntity(xmlTextWriterPtr  writer,
int pe,
                                     const xmlChar * name,
                                     const xmlChar * pubid,
                                     const xmlChar * sysid,
                                     const xmlChar * ndataid,
                                     const xmlChar * content);
extern  int  xmlTextWriterWriteDTDExternalEntity(xmlTextWriterPtr
writer,
                                                 int pe,
                                                     const xmlChar *
name,
                                                     const xmlChar *
pubid,
                                                     const xmlChar *
sysid,
                                                     const xmlChar *
ndataid);
extern                                                          int
xmlTextWriterWriteDTDExternalEntityContents(xmlTextWriterPtr
                                                          writer,
                                                                const
xmlChar *
                                                          pubid,
                                                                const
xmlChar *
                                                          sysid,
                                                                const
xmlChar *
                                                          ndataid);
extern  int  xmlTextWriterWriteDTDInternalEntity(xmlTextWriterPtr
writer,
                                                 int pe,
                                                     const xmlChar *
name,
                                                     const xmlChar *
content);
extern int xmlTextWriterWriteDTDNotation(xmlTextWriterPtr writer,
                                         const xmlChar * name,
                                         const xmlChar * pubid,
                                         const xmlChar * sysid);
extern int xmlTextWriterWriteElement(xmlTextWriterPtr writer,
                                     const xmlChar * name,
                                     const xmlChar * content);
extern int xmlTextWriterWriteElementNS(xmlTextWriterPtr writer,
                                       const xmlChar * prefix,
                                       const xmlChar * name,
                                                 const xmlChar *
namespaceURI,
                                       const xmlChar * content);
extern   int   xmlTextWriterWriteFormatAttribute(xmlTextWriterPtr
writer,
                                                     const xmlChar *
name,
                                                          const char
*format, ...);
```

```
extern  int  xmlTextWriterWriteFormatAttributeNS(xmlTextWriterPtr
writer,
                                                 const xmlChar *
prefix,
                                                 const xmlChar *
name,
                                              const xmlChar *
                                              namespaceURI,
                                                      const char
*format, ...);
extern int xmlTextWriterWriteFormatCDATA(xmlTextWriterPtr writer,
                                                      const char
*format, ...);
extern    int    xmlTextWriterWriteFormatComment(xmlTextWriterPtr
writer,
                                                      const char
*format, ...);
extern int xmlTextWriterWriteFormatDTD(xmlTextWriterPtr writer,
                                       const xmlChar * name,
                                       const xmlChar * pubid,
                                       const xmlChar * sysid,
                                       const char *format, ...);
extern   int   xmlTextWriterWriteFormatDTDAttlist(xmlTextWriterPtr
writer,
                                                 const xmlChar *
name,
                                              const char *format,
...);
extern   int   xmlTextWriterWriteFormatDTDElement(xmlTextWriterPtr
writer,
                                                 const xmlChar *
name,
                                              const char *format,
...);
extern                                                        int
xmlTextWriterWriteFormatDTDInternalEntity(xmlTextWriterPtr
                                                    writer, int
pe,
                                                         const
xmlChar * name,
                                                      const char
*format,
                                                    ...);
extern    int    xmlTextWriterWriteFormatElement(xmlTextWriterPtr
writer,
                                           const xmlChar * name,
                                                      const char
*format, ...);
extern   int   xmlTextWriterWriteFormatElementNS(xmlTextWriterPtr
writer,
                                                 const xmlChar *
prefix,
                                                 const xmlChar *
name,
                                                 const xmlChar *
namespaceURI,
                                                      const char
*format, ...);
extern int xmlTextWriterWriteFormatPI(xmlTextWriterPtr writer,
                                      const xmlChar * target,
                                      const char *format, ...);
extern int xmlTextWriterWriteFormatRaw(xmlTextWriterPtr writer,
                                       const char *format, ...);
extern     int     xmlTextWriterWriteFormatString(xmlTextWriterPtr
writer,
                                                      const char
```

```
*format, ...);
extern int xmlTextWriterWritePI(xmlTextWriterPtr writer,
                                const xmlChar * target,
                                const xmlChar * content);
extern int xmlTextWriterWriteRaw(xmlTextWriterPtr writer,
                                 const xmlChar * content);
extern int xmlTextWriterWriteRawLen(xmlTextWriterPtr writer,
                                    const xmlChar * content, int
len);
extern int xmlTextWriterWriteString(xmlTextWriterPtr writer,
                                    const xmlChar * content);
extern   int   xmlTextWriterWriteVFormatAttribute(xmlTextWriterPtr
writer,
                                                  const xmlChar *
name,
                                                 const char *format,
                                                 va_list argptr);
extern  int  xmlTextWriterWriteVFormatAttributeNS(xmlTextWriterPtr
writer,
                                                   const xmlChar *
prefix,
                                                   const xmlChar *
name,
                                                  const xmlChar *
                                                  namespaceURI,
                                                         const char
*format,
                                                  va_list argptr);
extern     int     xmlTextWriterWriteVFormatCDATA(xmlTextWriterPtr
writer,
                                              const char *format,
                                              va_list argptr);
extern    int    xmlTextWriterWriteVFormatComment(xmlTextWriterPtr
writer,
                                                const char *format,
                                                va_list argptr);
extern int xmlTextWriterWriteVFormatDTD(xmlTextWriterPtr writer,
                                        const xmlChar * name,
                                        const xmlChar * pubid,
                                        const xmlChar * sysid,
                                        const char *format,
                                        va_list argptr);
extern  int  xmlTextWriterWriteVFormatDTDAttlist(xmlTextWriterPtr
writer,
                                                  const xmlChar *
name,
                                                       const char
*format,
                                                 va_list argptr);
extern                                                      int
xmlTextWriterWriteVFormatDTDInternalEntity(xmlTextWriterPtr
                                                           writer, int
pe,
                                                                const
xmlChar * name,
                                                            const char
*format,
                                                               va_list
argptr);
```

```
extern    int    xmlTextWriterWriteVFormatElement(xmlTextWriterPtr
writer,
                                                  const xmlChar * name,
                                                  const char *format,
                                                  va_list argptr);
extern   int   xmlTextWriterWriteVFormatElementNS(xmlTextWriterPtr
writer,
                                                       const xmlChar *
prefix,
                                                       const xmlChar *
name,
                                                       const xmlChar *
namespaceURI,
                                                    const char *format,
                                                    va_list argptr);
extern int xmlTextWriterWriteVFormatPI(xmlTextWriterPtr writer,
                                       const xmlChar * target,
                                              const char *format,
va_list argptr);
extern int xmlTextWriterWriteVFormatRaw(xmlTextWriterPtr writer,
                                        const char *format,
                                        va_list argptr);
extern    int    xmlTextWriterWriteVFormatString(xmlTextWriterPtr
writer,
                                             const char *format,
                                             va_list argptr);
```

19.2.37 libxml2/libxml/xpath.h

```
#define xmlXPathNodeSetItem(ns,index)    \
         ((((ns) != NULL) && ((index) >= 0) && ((index) < (ns)-
>nodeNr)) ? \
        (ns)->nodeTab[(index)] : NULL)
#define xmlXPathNodeSetIsEmpty(ns)       \
         (((ns) == NULL) || ((ns)->nodeNr == 0) || ((ns)->nodeTab
== NULL))
#define xmlXPathNodeSetGetLength(ns)    ((ns) ? (ns)->nodeNr : 0)
#define XML_XPATH_CHECKNS       (1<<0)
#define XML_XPATH_NOVAR (1<<1)

typedef struct _xmlXPathCompExpr xmlXPathCompExpr;
typedef xmlXPathCompExpr *xmlXPathCompExprPtr;
typedef enum {
    XPATH_UNDEFINED = 0,
    XPATH_NODESET = 1,
    XPATH_BOOLEAN = 2,
    XPATH_NUMBER = 3,
    XPATH_STRING = 4,
    XPATH_POINT = 5,
    XPATH_RANGE = 6,
    XPATH_LOCATIONSET = 7,
    XPATH_USERS = 8,
    XPATH_XSLT_TREE = 9
} xmlXPathObjectType;
typedef struct _xmlNodeSet {
    int nodeNr;
    int nodeMax;
    xmlNodePtr *nodeTab;
} xmlNodeSet;
typedef xmlNodeSet *xmlNodeSetPtr;
typedef struct _xmlXPathObject {
    xmlXPathObjectType type;
    xmlNodeSetPtr nodesetval;
    int boolval;
```

```
    double floatval;
    xmlChar *stringval;
    void *user;
    int index;
    void *user2;
    int index2;
} xmlXPathObject;
typedef xmlXPathObject *xmlXPathObjectPtr;
typedef int (*xmlXPathConvertFunc) (xmlXPathObjectPtr, int);
typedef struct _xmlXPathType {
    const xmlChar *name;
    xmlXPathConvertFunc func;
} xmlXPathType;
typedef xmlXPathType *xmlXPathTypePtr;
typedef struct _xmlXPathContext {
    xmlDocPtr doc;
    xmlNodePtr node;
    int nb_variables_unused;
    int max_variables_unused;
    xmlHashTablePtr varHash;
    int nb_types;
    int max_types;
    xmlXPathTypePtr types;
    int nb_funcs_unused;
    int max_funcs_unused;
    xmlHashTablePtr funcHash;
    int nb_axis;
    int max_axis;
    xmlXPathAxisPtr axis;
    xmlNsPtr *namespaces;
    int nsNr;
    void *user;
    int contextSize;
    int proximityPosition;
    int xptr;
    xmlNodePtr here;
    xmlNodePtr origin;
    xmlHashTablePtr nsHash;
    xmlXPathVariableLookupFunc varLookupFunc;
    void *varLookupData;
    void *extra;
    const xmlChar *function;
    const xmlChar *functionURI;
    xmlXPathFuncLookupFunc funcLookupFunc;
    void *funcLookupData;
    xmlNsPtr *tmpNsList;
    int tmpNsNr;
    void *userData;
    xmlStructuredErrorFunc error;
    xmlError lastError;
    xmlNodePtr debugNode;
    xmlDictPtr dict;
    int flags;
} xmlXPathContext;
typedef xmlXPathContext *xmlXPathContextPtr;
typedef struct _xmlXPathParserContext {
    const xmlChar *cur;
    const xmlChar *base;
    int error;
    xmlXPathContextPtr context;
    xmlXPathObjectPtr value;
    int valueNr;
    int valueMax;
    xmlXPathObjectPtr *valueTab;
    xmlXPathCompExprPtr comp;
    int xptr;
```

```
    xmlNodePtr ancestor;
} xmlXPathParserContext;
typedef xmlXPathParserContext *xmlXPathParserContextPtr;
typedef                       xmlXPathObjectPtr(*xmlXPathAxisFunc)
(xmlXPathParserContextPtr,
                                                xmlXPathObjectPtr);
typedef struct _xmlXPathAxis {
    const xmlChar *name;
    xmlXPathAxisFunc func;
} xmlXPathAxis;
typedef xmlXPathAxis *xmlXPathAxisPtr;
typedef xmlXPathObjectPtr(*xmlXPathVariableLookupFunc) (void *,
                                                                const
xmlChar *,
                                                                const
xmlChar *);
typedef void (*xmlXPathFunction) (xmlXPathParserContextPtr, int);
typedef  xmlXPathFunction(*xmlXPathFuncLookupFunc)  (void  *,  const
xmlChar *,
                                                      const xmlChar
*);
typedef enum {
    XPATH_EXPRESSION_OK = 0,
    XPATH_NUMBER_ERROR,
    XPATH_UNFINISHED_LITERAL_ERROR,
    XPATH_START_LITERAL_ERROR,
    XPATH_VARIABLE_REF_ERROR,
    XPATH_UNDEF_VARIABLE_ERROR,
    XPATH_INVALID_PREDICATE_ERROR,
    XPATH_EXPR_ERROR,
    XPATH_UNCLOSED_ERROR,
    XPATH_UNKNOWN_FUNC_ERROR,
    XPATH_INVALID_OPERAND,
    XPATH_INVALID_TYPE,
    XPATH_INVALID_ARITY,
    XPATH_INVALID_CTXT_SIZE,
    XPATH_INVALID_CTXT_POSITION,
    XPATH_MEMORY_ERROR,
    XPTR_SYNTAX_ERROR,
    XPTR_RESOURCE_ERROR,
    XPTR_SUB_RESOURCE_ERROR,
    XPATH_UNDEF_PREFIX_ERROR,
    XPATH_ENCODING_ERROR,
    XPATH_INVALID_CHAR_ERROR,
    XPATH_INVALID_CTXT
} xmlXPathError;
typedef void (*xmlXPathEvalFunc) (xmlXPathParserContextPtr, int);
typedef struct _xmlXPathFunct {
    const xmlChar *name;
    xmlXPathEvalFunc func;
} xmlXPathFunct;
typedef struct _xmlXPathVariable {
    const xmlChar *name;
    xmlXPathObjectPtr value;
} xmlXPathVariable;
typedef xmlXPathVariable *xmlXPathVariablePtr;
typedef xmlXPathFunct *xmlXPathFuncPtr;
extern double xmlXPathCastBooleanToNumber(int val);
extern xmlChar *xmlXPathCastBooleanToString(int val);
extern int xmlXPathCastNodeSetToBoolean(xmlNodeSetPtr ns);
extern double xmlXPathCastNodeSetToNumber(xmlNodeSetPtr ns);
extern xmlChar *xmlXPathCastNodeSetToString(xmlNodeSetPtr ns);
extern double xmlXPathCastNodeToNumber(xmlNodePtr node);
extern xmlChar *xmlXPathCastNodeToString(xmlNodePtr node);
extern int xmlXPathCastNumberToBoolean(double val);
extern xmlChar *xmlXPathCastNumberToString(double val);
```

```
extern int xmlXPathCastStringToBoolean(const xmlChar * val);
extern double xmlXPathCastStringToNumber(const xmlChar * val);
extern int xmlXPathCastToBoolean(xmlXPathObjectPtr val);
extern double xmlXPathCastToNumber(xmlXPathObjectPtr val);
extern xmlChar *xmlXPathCastToString(xmlXPathObjectPtr val);
extern int xmlXPathCmpNodes(xmlNodePtr node1, xmlNodePtr node2);
extern xmlXPathCompExprPtr xmlXPathCompile(const xmlChar * str);
extern  xmlXPathObjectPtr  xmlXPathCompiledEval(xmlXPathCompExprPtr
comp,
                                                xmlXPathContextPtr
ctx);
extern  xmlXPathObjectPtr  xmlXPathConvertBoolean(xmlXPathObjectPtr
val);
extern  xmlXPathObjectPtr  xmlXPathConvertNumber(xmlXPathObjectPtr
val);
extern  xmlXPathObjectPtr  xmlXPathConvertString(xmlXPathObjectPtr
val);
extern  xmlXPathCompExprPtr  xmlXPathCtxtCompile(xmlXPathContextPtr
ctxt,
                                                   const xmlChar *
str);
extern xmlXPathObjectPtr xmlXPathEval(const xmlChar * str,
                                      xmlXPathContextPtr ctx);
extern  xmlXPathObjectPtr  xmlXPathEvalExpression(const  xmlChar  *
str,
                                                  xmlXPathContextPt
r ctxt);
extern int xmlXPathEvalPredicate(xmlXPathContextPtr ctxt,
                                 xmlXPathObjectPtr res);
extern void xmlXPathFreeCompExpr(xmlXPathCompExprPtr comp);
extern void xmlXPathFreeContext(xmlXPathContextPtr ctxt);
extern void xmlXPathFreeNodeSet(xmlNodeSetPtr obj);
extern void xmlXPathFreeNodeSetList(xmlXPathObjectPtr obj);
extern void xmlXPathFreeObject(xmlXPathObjectPtr obj);
extern void xmlXPathInit(void);
extern int xmlXPathIsInf(double val);
extern int xmlXPathIsNaN(double val);
extern double xmlXPathNAN;
extern double xmlXPathNINF;
extern xmlXPathContextPtr xmlXPathNewContext(xmlDocPtr doc);
extern xmlNodeSetPtr xmlXPathNodeSetCreate(xmlNodePtr val);
extern   xmlXPathObjectPtr   xmlXPathObjectCopy(xmlXPathObjectPtr
val);
extern long int xmlXPathOrderDocElems(xmlDocPtr doc);
extern double xmlXPathPINF;
```

19.2.38 libxml2/libxml/xpathInternals.h

```
#define xmlXPathStackIsNodeSet(ctxt)     \
           (((ctxt)->value != NULL) && (((ctxt)->value->type ==
XPATH_NODESET) \
        || ((ctxt)->value->type == XPATH_XSLT_TREE)))
#define xmlXPathStackIsExternal(ctxt)    \
              ((ctxt->value != NULL) && (ctxt->value->type ==
XPATH_USERS))
#define CAST_TO_BOOLEAN  \
            if ((ctxt->value != NULL) && (ctxt->value->type !=
XPATH_BOOLEAN)) \
        xmlXPathBooleanFunction(ctxt, 1);
#define CAST_TO_NUMBER   \
            if ((ctxt->value != NULL) && (ctxt->value->type !=
XPATH_NUMBER)) \
        xmlXPathNumberFunction(ctxt, 1);
#define CAST_TO_STRING   \
```

```
            if ((ctxt->value != NULL) && (ctxt->value->type !=
XPATH_STRING)) \
        xmlXPathStringFunction(ctxt, 1);
#define CHECK_TYPE(typeval)      \
            if ((ctxt->value == NULL) || (ctxt->value->type !=
typeval)) \
        XP_ERROR(XPATH_INVALID_TYPE)
#define CHECK_TYPE0(typeval)     \
            if ((ctxt->value == NULL) || (ctxt->value->type !=
typeval)) \
        XP_ERROR0(XPATH_INVALID_TYPE)
#define CHECK_ARITY(x)   \
        if (ctxt == NULL) return; if (nargs != (x)) \
        XP_ERROR(XPATH_INVALID_ARITY);
#define xmlXPathReturnBoolean(ctxt,val)  \
        valuePush((ctxt), xmlXPathNewBoolean(val))
#define xmlXPathReturnEmptyString(ctxt)  \
        valuePush((ctxt), xmlXPathNewCString(""))
#define xmlXPathReturnNumber(ctxt,val)   \
        valuePush((ctxt), xmlXPathNewFloat(val))
#define xmlXPathReturnEmptyNodeSet(ctxt)         \
        valuePush((ctxt), xmlXPathNewNodeSet(NULL))
#define xmlXPathReturnExternal(ctxt,val)         \
        valuePush((ctxt), xmlXPathWrapExternal(val))
#define xmlXPathReturnNodeSet(ctxt,ns)   \
        valuePush((ctxt), xmlXPathWrapNodeSet(ns))
#define xmlXPathReturnString(ctxt,str)   \
        valuePush((ctxt), xmlXPathWrapString(str))
#define xmlXPathSetArityError(ctxt)      \
        xmlXPathSetError((ctxt), XPATH_INVALID_ARITY)
#define xmlXPathSetTypeError(ctxt)       \
        xmlXPathSetError((ctxt), XPATH_INVALID_TYPE)
#define xmlXPathEmptyNodeSet(ns)         \
         { while ((ns)->nodeNr > 0) (ns)->nodeTab[(ns)->nodeNr--]
= NULL; }
#define xmlXPathSetError(ctxt,err)       \
          { xmlXPatherror((ctxt), __FILE__, __LINE__, (err)); if
((ctxt) != \
        NULL) (ctxt)->error = (err); }
#define xmlXPathGetDocument(ctxt)       ((ctxt)->context->doc)
#define xmlXPathGetContextNode(ctxt)    ((ctxt)->context->node)
#define  xmlXPathCheckError(ctxt)              ((ctxt)->error  !=
XPATH_EXPRESSION_OK)
#define xmlXPathGetError(ctxt)  ((ctxt)->error)
#define CHECK_ERROR      if (ctxt->error != XPATH_EXPRESSION_OK)
return
#define CHECK_ERROR0     if (ctxt->error != XPATH_EXPRESSION_OK)
return(0)
#define                                  xmlXPathReturnFalse(ctxt)
xmlXPathReturnBoolean((ctxt), 0)
#define                                   xmlXPathReturnTrue(ctxt)
xmlXPathReturnBoolean((ctxt), 1)
#define XP_ERROR0(X)    { xmlXPathErr(ctxt, X); return(0); }
#define XP_ERROR(X)     { xmlXPathErr(ctxt, X); return; }

extern xmlXPathObjectPtr valuePop(xmlXPathParserContextPtr ctxt);
extern int valuePush(xmlXPathParserContextPtr ctxt,
                     xmlXPathObjectPtr value);
extern void xmlXPathAddValues(xmlXPathParserContextPtr ctxt);
extern    void    xmlXPathBooleanFunction(xmlXPathParserContextPtr
ctxt,
                                    int nargs);
extern    void    xmlXPathCeilingFunction(xmlXPathParserContextPtr
ctxt,
                                    int nargs);
extern  int  xmlXPathCompareValues(xmlXPathParserContextPtr  ctxt,
```

```
int inf,
                                    int strict);
extern void xmlXPathConcatFunction(xmlXPathParserContextPtr ctxt,
                                     int nargs);
extern   void   xmlXPathContainsFunction(xmlXPathParserContextPtr
ctxt,
                                       int nargs);
extern void xmlXPathCountFunction(xmlXPathParserContextPtr ctxt,
                                    int nargs);
extern void xmlXPathDebugDumpCompExpr(FILE * output,
                                          xmlXPathCompExprPtr comp,
int depth);
extern    void    xmlXPathDebugDumpObject(FILE    *    output,
xmlXPathObjectPtr cur,
                                       int depth);
extern xmlNodeSetPtr xmlXPathDifference(xmlNodeSetPtr nodes1,
                                          xmlNodeSetPtr nodes2);
extern xmlNodeSetPtr xmlXPathDistinct(xmlNodeSetPtr nodes);
extern xmlNodeSetPtr xmlXPathDistinctSorted(xmlNodeSetPtr nodes);
extern void xmlXPathDivValues(xmlXPathParserContextPtr ctxt);
extern int xmlXPathEqualValues(xmlXPathParserContextPtr ctxt);
extern   void   xmlXPathErr(xmlXPathParserContextPtr   ctxt,   int
error);
extern void xmlXPathEvalExpr(xmlXPathParserContextPtr ctxt);
extern                                                          int
xmlXPathEvaluatePredicateResult(xmlXPathParserContextPtr ctxt,
                                                    xmlXPathObjectPtr
res);
extern void xmlXPathFalseFunction(xmlXPathParserContextPtr ctxt,
                                    int nargs);
extern void xmlXPathFloorFunction(xmlXPathParserContextPtr ctxt,
                                    int nargs);
extern   void   xmlXPathFreeParserContext(xmlXPathParserContextPtr
ctxt);
extern  xmlXPathFunction  xmlXPathFunctionLookup(xmlXPathContextPtr
ctxt,
                                                   const xmlChar *
name);
extern                                                 xmlXPathFunction
xmlXPathFunctionLookupNS(xmlXPathContextPtr ctxt,
                                                   const xmlChar *
name,
                                                   const xmlChar *
ns_uri);
extern int xmlXPathHasSameNodes(xmlNodeSetPtr nodes1,
                                  xmlNodeSetPtr nodes2);
extern void xmlXPathIdFunction(xmlXPathParserContextPtr ctxt, int
nargs);
extern xmlNodeSetPtr xmlXPathIntersection(xmlNodeSetPtr nodes1,
                                            xmlNodeSetPtr nodes2);
extern int xmlXPathIsNodeType(const xmlChar * name);
extern  void  xmlXPathLangFunction(xmlXPathParserContextPtr  ctxt,
int nargs);
extern  void  xmlXPathLastFunction(xmlXPathParserContextPtr  ctxt,
int nargs);
extern xmlNodeSetPtr xmlXPathLeading(xmlNodeSetPtr nodes1,
                                       xmlNodeSetPtr nodes2);
extern xmlNodeSetPtr xmlXPathLeadingSorted(xmlNodeSetPtr nodes1,
                                             xmlNodeSetPtr nodes2);
extern   void   xmlXPathLocalNameFunction(xmlXPathParserContextPtr
ctxt,
                                        int nargs);
extern void xmlXPathModValues(xmlXPathParserContextPtr ctxt);
extern void xmlXPathMultValues(xmlXPathParserContextPtr ctxt);
extern  void  xmlXPathNamespaceURIFunction(xmlXPathParserContextPtr
ctxt,
```

```
                                        int nargs);
extern xmlXPathObjectPtr xmlXPathNewBoolean(int val);
extern xmlXPathObjectPtr xmlXPathNewCString(const char *val);
extern xmlXPathObjectPtr xmlXPathNewFloat(double val);
extern xmlXPathObjectPtr xmlXPathNewNodeSet(xmlNodePtr val);
extern   xmlXPathObjectPtr   xmlXPathNewNodeSetList(xmlNodeSetPtr
val);
extern   xmlXPathParserContextPtr   xmlXPathNewParserContext(const
xmlChar *
                                                            str,
                                                             xmlXPath
ContextPtr
                                                            ctxt);
extern xmlXPathObjectPtr xmlXPathNewString(const xmlChar * val);
extern xmlXPathObjectPtr xmlXPathNewValueTree(xmlNodePtr val);
extern  xmlNodePtr  xmlXPathNextAncestor(xmlXPathParserContextPtr
ctxt,
                                      xmlNodePtr cur);
extern                                              xmlNodePtr
xmlXPathNextAncestorOrSelf(xmlXPathParserContextPtr ctxt,
                                           xmlNodePtr cur);
extern  xmlNodePtr  xmlXPathNextAttribute(xmlXPathParserContextPtr
ctxt,
                                      xmlNodePtr cur);
extern    xmlNodePtr    xmlXPathNextChild(xmlXPathParserContextPtr
ctxt,
                                    xmlNodePtr cur);
extern  xmlNodePtr  xmlXPathNextDescendant(xmlXPathParserContextPtr
ctxt,
                                       xmlNodePtr cur);
extern                                              xmlNodePtr
xmlXPathNextDescendantOrSelf(xmlXPathParserContextPtr
                                                    ctxt, xmlNodePtr
cur);
extern  xmlNodePtr  xmlXPathNextFollowing(xmlXPathParserContextPtr
ctxt,
                                      xmlNodePtr cur);
extern                                              xmlNodePtr
xmlXPathNextFollowingSibling(xmlXPathParserContextPtr
                                                    ctxt, xmlNodePtr
cur);
extern  xmlNodePtr  xmlXPathNextNamespace(xmlXPathParserContextPtr
ctxt,
                                      xmlNodePtr cur);
extern   xmlNodePtr   xmlXPathNextParent(xmlXPathParserContextPtr
ctxt,
                                   xmlNodePtr cur);
extern  xmlNodePtr  xmlXPathNextPreceding(xmlXPathParserContextPtr
ctxt,
                                      xmlNodePtr cur);
extern                                              xmlNodePtr
xmlXPathNextPrecedingSibling(xmlXPathParserContextPtr
                                                    ctxt, xmlNodePtr
cur);
extern xmlNodePtr xmlXPathNextSelf(xmlXPathParserContextPtr ctxt,
                                   xmlNodePtr cur);
extern xmlNodeSetPtr xmlXPathNodeLeading(xmlNodeSetPtr nodes,
                                       xmlNodePtr node);
extern    xmlNodeSetPtr    xmlXPathNodeLeadingSorted(xmlNodeSetPtr
nodes,
                                                  xmlNodePtr node);
extern   void   xmlXPathNodeSetAdd(xmlNodeSetPtr   cur,   xmlNodePtr
val);
extern  void  xmlXPathNodeSetAddNs(xmlNodeSetPtr  cur,  xmlNodePtr
node,
                                xmlNsPtr ns);
```

```
extern    void    xmlXPathNodeSetAddUnique(xmlNodeSetPtr    cur,
xmlNodePtr val);
extern int xmlXPathNodeSetContains(xmlNodeSetPtr cur, xmlNodePtr
val);
extern  void  xmlXPathNodeSetDel(xmlNodeSetPtr  cur,  xmlNodePtr
val);
extern void xmlXPathNodeSetFreeNs(xmlNsPtr ns);
extern xmlNodeSetPtr xmlXPathNodeSetMerge(xmlNodeSetPtr val1,
                                          xmlNodeSetPtr val2);
extern void xmlXPathNodeSetRemove(xmlNodeSetPtr cur, int val);
extern void xmlXPathNodeSetSort(xmlNodeSetPtr set);
extern xmlNodeSetPtr xmlXPathNodeTrailing(xmlNodeSetPtr nodes,
                                          xmlNodePtr node);
extern   xmlNodeSetPtr   xmlXPathNodeTrailingSorted(xmlNodeSetPtr
nodes,
                                                  xmlNodePtr node);
extern   void   xmlXPathNormalizeFunction(xmlXPathParserContextPtr
ctxt,
                                        int nargs);
extern int xmlXPathNotEqualValues(xmlXPathParserContextPtr ctxt);
extern  void  xmlXPathNotFunction(xmlXPathParserContextPtr  ctxt,
int nargs);
extern const xmlChar *xmlXPathNsLookup(xmlXPathContextPtr ctxt,
                                       const xmlChar * prefix);
extern void xmlXPathNumberFunction(xmlXPathParserContextPtr ctxt,
                                   int nargs);
extern    xmlChar    *xmlXPathParseNCName(xmlXPathParserContextPtr
ctxt);
extern xmlChar *xmlXPathParseName(xmlXPathParserContextPtr ctxt);
extern int xmlXPathPopBoolean(xmlXPathParserContextPtr ctxt);
extern void *xmlXPathPopExternal(xmlXPathParserContextPtr ctxt);
extern  xmlNodeSetPtr  xmlXPathPopNodeSet(xmlXPathParserContextPtr
ctxt);
extern double xmlXPathPopNumber(xmlXPathParserContextPtr ctxt);
extern xmlChar *xmlXPathPopString(xmlXPathParserContextPtr ctxt);
extern   void   xmlXPathPositionFunction(xmlXPathParserContextPtr
ctxt,
                                       int nargs);
extern    void    xmlXPathRegisterAllFunctions(xmlXPathContextPtr
ctxt);
extern int xmlXPathRegisterFunc(xmlXPathContextPtr ctxt,
                                        const xmlChar * name,
xmlXPathFunction f);
extern void xmlXPathRegisterFuncLookup(xmlXPathContextPtr ctxt,
                                       xmlXPathFuncLookupFunc f,
                                       void *funcCtxt);
extern int xmlXPathRegisterFuncNS(xmlXPathContextPtr ctxt,
                                  const xmlChar * name,
                                  const xmlChar * ns_uri,
                                  xmlXPathFunction f);
extern int xmlXPathRegisterNs(xmlXPathContextPtr ctxt,
                              const xmlChar * prefix,
                              const xmlChar * ns_uri);
extern int xmlXPathRegisterVariable(xmlXPathContextPtr ctxt,
                                    const xmlChar * name,
                                    xmlXPathObjectPtr value);
extern   void   xmlXPathRegisterVariableLookup(xmlXPathContextPtr
ctxt,
                                         xmlXPathVariableLookup
Func f,
                                        void *data);
extern int xmlXPathRegisterVariableNS(xmlXPathContextPtr ctxt,
                                      const xmlChar * name,
                                      const xmlChar * ns_uri,
                                      xmlXPathObjectPtr value);
extern   void   xmlXPathRegisteredFuncsCleanup(xmlXPathContextPtr
```

```
ctxt);
extern void xmlXPathRegisteredNsCleanup(xmlXPathContextPtr ctxt);
extern  void  xmlXPathRegisteredVariablesCleanup(xmlXPathContextPtr
ctxt);
extern void xmlXPathRoot(xmlXPathParserContextPtr ctxt);
extern void xmlXPathRoundFunction(xmlXPathParserContextPtr ctxt,
                                  int nargs);
extern  void  xmlXPathStartsWithFunction(xmlXPathParserContextPtr
ctxt,
                                         int nargs);
extern double xmlXPathStringEvalNumber(const xmlChar * str);
extern void xmlXPathStringFunction(xmlXPathParserContextPtr ctxt,
                                   int nargs);
extern  void  xmlXPathStringLengthFunction(xmlXPathParserContextPtr
ctxt,
                                           int nargs);
extern void xmlXPathSubValues(xmlXPathParserContextPtr ctxt);
extern                                                        void
xmlXPathSubstringAfterFunction(xmlXPathParserContextPtr ctxt,
                                             int nargs);
extern                                                        void
xmlXPathSubstringBeforeFunction(xmlXPathParserContextPtr ctxt,
                                              int nargs);
extern   void   xmlXPathSubstringFunction(xmlXPathParserContextPtr
ctxt,
                                          int nargs);
extern  void  xmlXPathSumFunction(xmlXPathParserContextPtr  ctxt,
int nargs);
extern xmlNodeSetPtr xmlXPathTrailing(xmlNodeSetPtr nodes1,
                                      xmlNodeSetPtr nodes2);
extern xmlNodeSetPtr xmlXPathTrailingSorted(xmlNodeSetPtr nodes1,
                                                    xmlNodeSetPtr
nodes2);
extern   void   xmlXPathTranslateFunction(xmlXPathParserContextPtr
ctxt,
                                          int nargs);
extern  void  xmlXPathTrueFunction(xmlXPathParserContextPtr  ctxt,
int nargs);
extern void xmlXPathValueFlipSign(xmlXPathParserContextPtr ctxt);
extern                                                xmlXPathObjectPtr
xmlXPathVariableLookup(xmlXPathContextPtr ctxt,
                                                       const xmlChar *
name);
extern                                                xmlXPathObjectPtr
xmlXPathVariableLookupNS(xmlXPathContextPtr ctxt,
                                                       const xmlChar *
name,
                                                       const xmlChar *
ns_uri);
extern xmlXPathObjectPtr xmlXPathWrapCString(char *val);
extern xmlXPathObjectPtr xmlXPathWrapExternal(void *val);
extern xmlXPathObjectPtr xmlXPathWrapNodeSet(xmlNodeSetPtr val);
extern xmlXPathObjectPtr xmlXPathWrapString(xmlChar * val);
extern  void  xmlXPatherror(xmlXPathParserContextPtr  ctxt,  const
char *file,
                            int line, int no);
```

19.2.39 libxml2/libxml/xpointer.h

```
typedef struct _xmlLocationSet {
    int locNr;
    int locMax;
    xmlXPathObjectPtr *locTab;
} xmlLocationSet;
```

```
typedef xmlLocationSet *xmlLocationSetPtr;
extern xmlNodePtr xmlXPtrBuildNodeList(xmlXPathObjectPtr obj);
extern xmlXPathObjectPtr xmlXPtrEval(const xmlChar * str,
                                     xmlXPathContextPtr ctx);
extern   void   xmlXPtrEvalRangePredicate(xmlXPathParserContextPtr
ctxt);
extern void xmlXPtrFreeLocationSet(xmlLocationSetPtr obj);
extern void xmlXPtrLocationSetAdd(xmlLocationSetPtr cur,
                                  xmlXPathObjectPtr val);
extern                                          xmlLocationSetPtr
xmlXPtrLocationSetCreate(xmlXPathObjectPtr val);
extern void xmlXPtrLocationSetDel(xmlLocationSetPtr cur,
                                  xmlXPathObjectPtr val);
extern                                          xmlLocationSetPtr
xmlXPtrLocationSetMerge(xmlLocationSetPtr val1,
                                                 xmlLocationSetPt
r val2);
extern  void  xmlXPtrLocationSetRemove(xmlLocationSetPtr  cur,  int
val);
extern    xmlXPathObjectPtr    xmlXPtrNewCollapsedRange(xmlNodePtr
start);
extern    xmlXPathContextPtr    xmlXPtrNewContext(xmlDocPtr    doc,
xmlNodePtr here,
                                             xmlNodePtr origin);
extern                                          xmlXPathObjectPtr
xmlXPtrNewLocationSetNodeSet(xmlNodeSetPtr set);
extern   xmlXPathObjectPtr   xmlXPtrNewLocationSetNodes(xmlNodePtr
start,
                                                        xmlNodePtr
end);
extern  xmlXPathObjectPtr  xmlXPtrNewRange(xmlNodePtr  start,  int
startindex,
                                           xmlNodePtr end, int
endindex);
extern   xmlXPathObjectPtr   xmlXPtrNewRangeNodeObject(xmlNodePtr
start,
                                                 xmlXPathObject
Ptr end);
extern    xmlXPathObjectPtr    xmlXPtrNewRangeNodePoint(xmlNodePtr
start,
                                                   xmlXPathObjectP
tr end);
extern xmlXPathObjectPtr xmlXPtrNewRangeNodes(xmlNodePtr start,
                                              xmlNodePtr end);
extern                                             xmlXPathObjectPtr
xmlXPtrNewRangePointNode(xmlXPathObjectPtr start,
                                                        xmlNodePtr
end);
extern  xmlXPathObjectPtr  xmlXPtrNewRangePoints(xmlXPathObjectPtr
start,
                                                   xmlXPathObjectPtr
end);
extern void xmlXPtrRangeToFunction(xmlXPathParserContextPtr ctxt,
                                   int nargs);
extern  xmlXPathObjectPtr  xmlXPtrWrapLocationSet(xmlLocationSetPtr
val);
```

XV Desktop Environment

20 Desktop Environment

20.1 Desktop Base Directory

Various specifications specify files and file formats. The Base Directory Spec defines where these files should be looked for by defining one or more base directories relative to which files should be located.

20.2 Desktop Entries

The Desktop Entry Spec describes desktop entries: files describing information about an application such as the name, icon, and description. These files are used for application launchers and for creating menus of applications that can be launched.

20.3 Desktop Menu Specification

The Desktop Menu Spec defines how to construct a user-visible hierarchy of applications, typically displayed as a menu. It allows third-party software to add menu items that work for all desktops, and allows system administrators to edit menus in a way that affects all desktops.

20.4 Icon Theme Specification

The Icon Theme Spec defines Icon Themes - a set of icons that share a common look and feel. It defines the required directory layout, the format of the icon theme description file and the icon data files, and the icon lookup mechanism.

XVI Package Information

21 Package Dependencies

21.1 Package Dependencies

The LSB runtime environment shall provide the following dependencies.

lsb

This dependency is used to indicate that the application is dependent on features contained in the LSB 4.0 specification.

This dependency shall have a version of 4.0.

lsb-graphics-*arch* (legacy)

This dependency is used to indicate that the application is dependent on features contained in the LSB-Graphics module. This architecture specific dependency is described in the relevant architecture specific LSB-Desktop specification.

lsb-graphics-noarch (legacy)

This dependency is used to indicate that the application is dependent on features contained in the LSB-Graphics module and that the package does not contain any architecture specific files.

These dependencies shall have a version of 3.0.

The lsb-graphics dependencies are deprecated and will be removed in a future version of this specification. Applications should no longer indicate a dependency on them.

Annex A GNU Free Documentation License (Informative)

This specification is published under the terms of the GNU Free Documentation License, Version 1.1, March 2000

> Copyright (C) 2000 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

A.1 PREAMBLE

The purpose of this License is to make a manual, textbook, or other written document "free" in the sense of freedom: to assure everyone the effective freedom to copy and redistribute it, with or without modifying it, either commercially or noncommercially. Secondarily, this License preserves for the author and publisher a way to get credit for their work, while not being considered responsible for modifications made by others.

This License is a kind of "copyleft", which means that derivative works of the document must themselves be free in the same sense. It complements the GNU General Public License, which is a copyleft license designed for free software.

We have designed this License in order to use it for manuals for free software, because free software needs free documentation: a free program should come with manuals providing the same freedoms that the software does. But this License is not limited to software manuals; it can be used for any textual work, regardless of subject matter or whether it is published as a printed book. We recommend this License principally for works whose purpose is instruction or reference.

A.2 APPLICABILITY AND DEFINITIONS

This License applies to any manual or other work that contains a notice placed by the copyright holder saying it can be distributed under the terms of this License. The "Document", below, refers to any such manual or work. Any member of the public is a licensee, and is addressed as "you".

A "Modified Version" of the Document means any work containing the Document or a portion of it, either copied verbatim, or with modifications and/or translated into another language.

A "Secondary Section" is a named appendix or a front-matter section of the Document that deals exclusively with the relationship of the publishers or authors of the Document to the Document's overall subject (or to related matters) and contains nothing that could fall directly within that overall subject. (For example, if the Document is in part a textbook of mathematics, a Secondary Section may not explain any mathematics.) The relationship could be a matter of historical connection with the subject or with related matters, or of legal, commercial, philosophical, ethical or political position regarding them.

The "Invariant Sections" are certain Secondary Sections whose titles are designated, as being those of Invariant Sections, in the notice that says that the Document is released under this License.

The "Cover Texts" are certain short passages of text that are listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says that the Document is released under this License.

A "Transparent" copy of the Document means a machine-readable copy, represented in a format whose specification is available to the general public, whose contents can be viewed and edited directly and straightforwardly with generic text editors or (for images composed of pixels) generic paint programs or (for drawings) some widely available drawing editor, and that is suitable for input to text formatters or for automatic translation to a variety of formats suitable for input to text formatters. A copy made in an otherwise Transparent file format whose markup has been designed to thwart or discourage subsequent modification by readers is not Transparent. A copy that is not "Transparent" is called "Opaque".

Examples of suitable formats for Transparent copies include plain ASCII without markup, Texinfo input format, LaTeX input format, SGML or XML using a publicly available DTD, and standard-conforming simple HTML designed for human modification. Opaque formats include PostScript, PDF, proprietary formats that can be read and edited only by proprietary word processors, SGML or XML for which the DTD and/or processing tools are not generally available, and the machine-generated HTML produced by some word processors for output purposes only.

The "Title Page" means, for a printed book, the title page itself, plus such following pages as are needed to hold, legibly, the material this License requires to appear in the title page. For works in formats which do not have any title page as such, "Title Page" means the text near the most prominent appearance of the work's title, preceding the beginning of the body of the text.

A.3 VERBATIM COPYING

You may copy and distribute the Document in any medium, either commercially or noncommercially, provided that this License, the copyright notices, and the license notice saying this License applies to the Document are reproduced in all copies, and that you add no other conditions whatsoever to those of this License. You may not use technical measures to obstruct or control the reading or further copying of the copies you make or distribute. However, you may accept compensation in exchange for copies. If you distribute a large enough number of copies you must also follow the conditions in section 3.

You may also lend copies, under the same conditions stated above, and you may publicly display copies.

A.4 COPYING IN QUANTITY

If you publish printed copies of the Document numbering more than 100, and the Document's license notice requires Cover Texts, you must enclose the copies in covers that carry, clearly and legibly, all these Cover Texts: Front-Cover Texts on the front cover, and Back-Cover Texts on the back cover. Both covers must also clearly and legibly identify you as the publisher of these copies. The front cover must present the full title with all words of the title equally prominent and visible. You may add other material on the covers in addition. Copying with changes limited to the covers, as long as they preserve the title of the Document and satisfy these conditions, can be treated as verbatim copying in other respects.

If the required texts for either cover are too voluminous to fit legibly, you should put the first ones listed (as many as fit reasonably) on the actual cover, and continue the rest onto adjacent pages.

 © 2008 Linux Foundation

If you publish or distribute Opaque copies of the Document numbering more than 100, you must either include a machine-readable Transparent copy along with each Opaque copy, or state in or with each Opaque copy a publicly-accessible computer-network location containing a complete Transparent copy of the Document, free of added material, which the general network-using public has access to download anonymously at no charge using public-standard network protocols. If you use the latter option, you must take reasonably prudent steps, when you begin distribution of Opaque copies in quantity, to ensure that this Transparent copy will remain thus accessible at the stated location until at least one year after the last time you distribute an Opaque copy (directly or through your agents or retailers) of that edition to the public.

It is requested, but not required, that you contact the authors of the Document well before redistributing any large number of copies, to give them a chance to provide you with an updated version of the Document.

A.5 MODIFICATIONS

You may copy and distribute a Modified Version of the Document under the conditions of sections 2 and 3 above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the Modified Version:

A. Use in the Title Page (and on the covers, if any) a title distinct from that of the Document, and from those of previous versions (which should, if there were any, be listed in the History section of the Document). You may use the same title as a previous version if the original publisher of that version gives permission.

B. List on the Title Page, as authors, one or more persons or entities responsible for authorship of the modifications in the Modified Version, together with at least five of the principal authors of the Document (all of its principal authors, if it has less than five).

C. State on the Title page the name of the publisher of the Modified Version, as the publisher.

D. Preserve all the copyright notices of the Document.

E. Add an appropriate copyright notice for your modifications adjacent to the other copyright notices.

F. Include, immediately after the copyright notices, a license notice giving the public permission to use the Modified Version under the terms of this License, in the form shown in the Addendum below.

G. Preserve in that license notice the full lists of Invariant Sections and required Cover Texts given in the Document's license notice.

H. Include an unaltered copy of this License.

I. Preserve the section entitled "History", and its title, and add to it an item stating at least the title, year, new authors, and publisher of the Modified Version as given on the Title Page. If there is no section entitled "History" in the Document, create one stating the title, year, authors, and publisher of the Document as given on its Title Page, then add an item describing the Modified Version as stated in the previous sentence.

J. Preserve the network location, if any, given in the Document for public access to a Transparent copy of the Document, and likewise the network locations given in the Document for previous versions it was based on. These may be placed in the "History" section. You may omit a network location for a work that was published at least four years before the Document itself, or if the original publisher of the version it refers to gives permission.

K. In any section entitled "Acknowledgements" or "Dedications", preserve the section's title, and preserve in the section all the substance and tone of each of the contributor acknowledgements and/or dedications given therein.

L. Preserve all the Invariant Sections of the Document, unaltered in their text and in their titles. Section numbers or the equivalent are not considered part of the section titles.

M. Delete any section entitled "Endorsements". Such a section may not be included in the Modified Version.

N. Do not retitle any existing section as "Endorsements" or to conflict in title with any Invariant Section.

If the Modified Version includes new front-matter sections or appendices that qualify as Secondary Sections and contain no material copied from the Document, you may at your option designate some or all of these sections as invariant. To do this, add their titles to the list of Invariant Sections in the Modified Version's license notice. These titles must be distinct from any other section titles.

You may add a section entitled "Endorsements", provided it contains nothing but endorsements of your Modified Version by various parties--for example, statements of peer review or that the text has been approved by an organization as the authoritative definition of a standard.

You may add a passage of up to five words as a Front-Cover Text, and a passage of up to 25 words as a Back-Cover Text, to the end of the list of Cover Texts in the Modified Version. Only one passage of Front-Cover Text and one of Back-Cover Text may be added by (or through arrangements made by) any one entity. If the Document already includes a cover text for the same cover, previously added by you or by arrangement made by the same entity you are acting on behalf of, you may not add another; but you may replace the old one, on explicit permission from the previous publisher that added the old one.

The author(s) and publisher(s) of the Document do not by this License give permission to use their names for publicity for or to assert or imply endorsement of any Modified Version.

A.6 COMBINING DOCUMENTS

You may combine the Document with other documents released under this License, under the terms defined in section 4 above for modified versions, provided that you include in the combination all of the Invariant Sections of all of the original documents, unmodified, and list them all as Invariant Sections of your combined work in its license notice.

The combined work need only contain one copy of this License, and multiple identical Invariant Sections may be replaced with a single copy. If there are multiple Invariant Sections with the same name but different contents, make the ti-

 © 2008 Linux Foundation

tle of each such section unique by adding at the end of it, in parentheses, the name of the original author or publisher of that section if known, or else a unique number. Make the same adjustment to the section titles in the list of Invariant Sections in the license notice of the combined work.

In the combination, you must combine any sections entitled "History" in the various original documents, forming one section entitled "History"; likewise combine any sections entitled "Acknowledgements", and any sections entitled "Dedications". You must delete all sections entitled "Endorsements."

A.7 COLLECTIONS OF DOCUMENTS

You may make a collection consisting of the Document and other documents released under this License, and replace the individual copies of this License in the various documents with a single copy that is included in the collection, provided that you follow the rules of this License for verbatim copying of each of the documents in all other respects.

You may extract a single document from such a collection, and distribute it individually under this License, provided you insert a copy of this License into the extracted document, and follow this License in all other respects regarding verbatim copying of that document.

A.8 AGGREGATION WITH INDEPENDENT WORKS

A compilation of the Document or its derivatives with other separate and independent documents or works, in or on a volume of a storage or distribution medium, does not as a whole count as a Modified Version of the Document, provided no compilation copyright is claimed for the compilation. Such a compilation is called an "aggregate", and this License does not apply to the other self-contained works thus compiled with the Document, on account of their being thus compiled, if they are not themselves derivative works of the Document.

If the Cover Text requirement of section 3 is applicable to these copies of the Document, then if the Document is less than one quarter of the entire aggregate, the Document's Cover Texts may be placed on covers that surround only the Document within the aggregate. Otherwise they must appear on covers around the whole aggregate.

A.9 TRANSLATION

Translation is considered a kind of modification, so you may distribute translations of the Document under the terms of section 4. Replacing Invariant Sections with translations requires special permission from their copyright holders, but you may include translations of some or all Invariant Sections in addition to the original versions of these Invariant Sections. You may include a translation of this License provided that you also include the original English version of this License. In case of a disagreement between the translation and the original English version of this License, the original English version will prevail.

A.10 TERMINATION

You may not copy, modify, sublicense, or distribute the Document except as expressly provided for under this License. Any other attempt to copy, modify, sublicense or distribute the Document is void, and will automatically terminate your rights under this License. However, parties who have received copies, or

rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

A.11 FUTURE REVISIONS OF THIS LICENSE

The Free Software Foundation may publish new, revised versions of the GNU Free Documentation License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. See http://www.gnu.org/copyleft/.

Each version of the License is given a distinguishing version number. If the Document specifies that a particular numbered version of this License "or any later version" applies to it, you have the option of following the terms and conditions either of that specified version or of any later version that has been published (not as a draft) by the Free Software Foundation. If the Document does not specify a version number of this License, you may choose any version ever published (not as a draft) by the Free Software Foundation.

A.12 How to use this License for your documents

To use this License in a document you have written, include a copy of the License in the document and put the following copyright and license notices just after the title page:

> Copyright (c) YEAR YOUR NAME. Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.1 or any later version published by the Free Software Foundation; with the Invariant Sections being LIST THEIR TITLES, with the Front-Cover Texts being LIST, and with the Back-Cover Texts being LIST. A copy of the license is included in the section entitled "GNU Free Documentation License".

If you have no Invariant Sections, write "with no Invariant Sections" instead of saying which ones are invariant. If you have no Front-Cover Texts, write "no Front-Cover Texts" instead of "Front-Cover Texts being LIST"; likewise for Back-Cover Texts.

If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their use in free software.

 © 2008 Linux Foundation