

# **Linux Standard Base Desktop Specification for S390X**

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LSB Desktop - S390X 5.0

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## Foreword

This is version 5.0 of the Linux Standard Base Desktop Specification for S390X. This specification is one of a series of volumes under the collective title *Linux Standard Base*:

- Common
- Core
- Desktop
- Languages
- Imaging

Note that the Core and Desktop volumes consist of a generic volume augmented by an architecture-specific volume.

## Status of this Document

This is a released specification, version 5.0. Other documents may supersede or augment this specification.

A list of current released Linux Standard Base (LSB) specifications is available at <http://refspecs.linuxbase.org> (<http://refspecs.linuxbase.org/>).

If you wish to make comments regarding this document in a manner that is tracked by the LSB project, please submit them using our public bug database at <http://bugs.linuxbase.org>. Please enter your feedback, carefully indicating the title of the section for which you are submitting feedback, and the volume and version of the specification where you found the problem, quoting the incorrect text if appropriate. If you are suggesting a new feature, please indicate what the problem you are trying to solve is. That is more important than the solution, in fact.

If you do not have or wish to create a bug database account then you can also e-mail feedback to [<lsb-discuss@lists.linuxfoundation.org>](mailto:lsb-discuss@lists.linuxfoundation.org) (subscribe (<http://lists.linuxfoundation.org/mailman/listinfo/lsb-discuss>), archives (<http://lists.linuxfoundation.org/pipermail/lsb-discuss/>)), and arrangements will be made to transpose the comments to our public bug database.

## Introduction

The LSB defines a binary interface for application programs that are compiled and packaged for LSB-conforming implementations on many different hardware architectures. A binary specification must include information specific to the computer processor architecture for which it is intended. To avoid the complexity of conditional descriptions, the specification has instead been divided into generic parts which are augmented by one of several architecture-specific parts, depending on the target processor architecture; the generic part will indicate when reference must be made to the architecture part, and vice versa.

This document should be used in conjunction with the documents it references. This document enumerates the system components it includes, but descriptions of those components may be included entirely or partly in this document, partly in other documents, or entirely in other reference documents. For example, the section that describes system service routines includes a list of the system routines supported in this interface, formal declarations of the data structures they use that are visible to applications, and a pointer to the underlying referenced specification for information about the syntax and semantics of each call. Only those routines not described in standards referenced by this document, or extensions to those standards, are described in the detail. Information referenced in this way is as much a part of this document as is the information explicitly included here.

The specification carries a version number of either the form *x.y* or *x.y.z*. This version number carries the following meaning:

1. The first number (*x*) is the major version number. Versions sharing the same major version number shall be compatible in a backwards direction; that is, a newer version shall be compatible with an older version. Any deletion of a library results in a new major version number. Interfaces marked as deprecated may be removed from the specification at a major version change.
2. The second number (*y*) is the minor version number. Libraries and individual interfaces may be added, but not removed. Interfaces may be marked as deprecated at a minor version change. Other minor changes may be permitted at the discretion of the LSB workgroup.
3. The third number (*z*), if present, is the editorial level. Only editorial changes should be included in such versions.

Since this specification is a descriptive Application Binary Interface, and not a source level API specification, it is not possible to make a guarantee of 100% backward compatibility between major releases. However, it is the intent that those parts of the binary interface that are visible in the source level API will remain backward compatible from version to version, except where a feature marked as "Deprecated" in one release may be removed from a future release. Implementors are strongly encouraged to make use of symbol versioning to permit simultaneous support of applications conforming to different releases of this specification.

LSB is a trademark of the Linux Foundation. Developers of applications or implementations interested in using the trademark should see the Linux Foundation Certification Policy for details.



# **I Introductory Elements**

# 1 Scope

## 1.1 General

The Linux Standard Base (LSB) defines a system interface for compiled applications and a minimal environment for support of installation scripts. Its purpose is to enable a uniform industry standard environment for high-volume applications conforming to the LSB.

These specifications are composed of two basic parts: a common part describing those parts of the interface that remain constant across all implementations of the LSB, and an architecture-specific part describing the parts of the interface that vary by processor architecture. Together, the common part and the relevant architecture-specific part for a single hardware architecture provide a complete interface specification for compiled application programs on systems that share a common hardware architecture.

The LSB contains both a set of Application Program Interfaces (APIs) and Application Binary Interfaces (ABIs). APIs may appear in the source code of portable applications, while the compiled binary of that application may use the larger set of ABIs. A conforming implementation provides all of the ABIs listed here. The compilation system may replace (e.g. by macro definition) certain APIs with calls to one or more of the underlying binary interfaces, and may insert calls to binary interfaces as needed.

The LSB is primarily a binary interface definition. Not all of the source level APIs available to applications may be contained in this specification.

## 1.2 Module Specific Scope

This is the S390X architecture specific part of the Desktop module of the Linux Standard Base (LSB). This part supplements the common part of the LSB Desktop module with those interfaces that differ between architectures.

This part should be used in conjunction with the common part of LSB Desktop. Whenever a section of the common part is supplemented by architecture-specific information, the common part includes a reference to the architecture-specific part. This part may also contain additional information that is not referenced in the common part.

Interfaces described in this part of LSB Desktop are mandatory except where explicitly listed otherwise. Interfaces described in the LSB Desktop module supplement those described in the LSB Core module. They do not depend on other LSB modules.

## 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**

<b>Name</b>	<b>Title</b>	<b>URL</b>
ATK 2.2.0 Reference Manual	ATK 2.2.0 Reference Manual	<a href="http://developer.gnome.org/atk/2.2/index.html">http://developer.gnome.org/atk/2.2/index.html</a>
Double Buffer Extension Library	Double Buffer Extension Library - Protocol Version 1.0	<a href="http://refspecs.linux-foundation.org/X11/dbelib.pdf">http://refspecs.linux-foundation.org/X11/dbelib.pdf</a>
Fontconfig Developers Reference	Fontconfig Developers Reference, Version 2.6.0	<a href="http://refspecs.linuxfoundation.org/fontconfig-2.6.0">http://refspecs.linuxfoundation.org/fontconfig-2.6.0</a>
Gdk 2.10.14 Reference Manual	Gdk 2.10.14 Reference Manual	<a href="http://library.gnome.org/devel/gdk/2.10/">http://library.gnome.org/devel/gdk/2.10/</a>
Gdk-pixbuf 2.26.0 Reference Manual	Gdk-pixbuf 2.26.0 Reference Manual	<a href="http://developer.gnome.org/gdk-pixbuf/2.26">http://developer.gnome.org/gdk-pixbuf/2.26</a>
Gio 2.32 Reference Manual	Gio 2.32 Reference Manual	<a href="http://developer.gnome.org/gio/2.32">http://developer.gnome.org/gio/2.32</a>
Glib 2.32 Reference Manual	Glib 2.32 Reference Manual	<a href="http://developer.gnome.org/glib/2.32">http://developer.gnome.org/glib/2.32</a>
Gobject 2.32 Reference Manual	Gobject 2.32 Reference Manual	<a href="http://developer.gnome.org/gobject/2.32">http://developer.gnome.org/gobject/2.32</a>
Gtk+ 2.10.14 Reference Manual	Gtk+ 2.10.14 Reference Manual	<a href="http://library.gnome.org/devel/gtk/2.10/">http://library.gnome.org/devel/gtk/2.10/</a>
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 1.86)	<a href="http://refspecs.linuxfoundation.org/cxxabi-1.86.html">http://refspecs.linuxfoundation.org/cxxabi-1.86.html</a>
Libtiff 4.0.2 Reference Manual	Libtiff 4.0.2 Reference Manual	<a href="http://www.libtiff.org/main/index.html">http://www.libtiff.org/main/index.html</a>
Libxcb API	Libxcb API	<a href="http://xcb.freedesktop.org/XcbApi/">http://xcb.freedesktop.org/XcbApi/</a>
OpenGL 2.1	The OpenGL® Graphics System: A Specification (Version 2.1)	<a href="http://www.opengl.org/registry/doc/glspec21.20061201.pdf">http://www.opengl.org/registry/doc/glspec21.20061201.pdf</a>
OpenGL ABI	OpenGL® Application Binary Interface for Linux	<a href="http://www.opengl.org/registry/ABI/">http://www.opengl.org/registry/ABI/</a>

OpenGL Extensions	OpenGL® Graphics with the X Window System® (Version 1.3)	<a href="http://opengl.org/documentation/specs/glx/glx1.3.pdf">http://opengl.org/documentation/specs/glx/glx1.3.pdf</a>
OpenGL Utilities	The OpenGL Graphics System Utility Library (Version 1.3)	<a href="http://www.opengl.org/documentation/specs/glu/glu1_3.pdf">http://www.opengl.org/documentation/specs/glu/glu1_3.pdf</a>
Pango 1.30.1 Reference Manual	Pango 1.30.1 Reference Manual	<a href="http://developer.gnome.org/pango/1.30/index.html">http://developer.gnome.org/pango/1.30/index.html</a>
POSIX 1003.1-2008 (ISO/IEC 9945-2009)	Portable Operating System Interface (POSIX®) 2008 Edition / The Open Group Technical Standard Base Specifications, Issue 7	<a href="http://www.unix.org/version4/">http://www.unix.org/version4/</a>
QtCore 4.2.0	Qt 4.2.0 Reference Manual	<a href="http://doc.qt.digia.com/4.2/qtcore.html">http://doc.qt.digia.com/4.2/qtcore.html</a>
QtGui 4.2.0	Qt 4.2.0 Reference Manual	<a href="http://doc.qt.digia.com/4.2/qtgui.html">http://doc.qt.digia.com/4.2/qtgui.html</a>
QtNetwork 4.2.0	Qt 4.2.0 Reference Manual	<a href="http://doc.qt.digia.com/4.2/qtnetwork.html">http://doc.qt.digia.com/4.2/qtnetwork.html</a>
QtOpenGL 4.2.0	Qt 4.2.0 Reference Manual	<a href="http://doc.qt.digia.com/4.2/qtopengl.html">http://doc.qt.digia.com/4.2/qtopengl.html</a>
QtSql 4.2.0	Qt 4.2.0 Reference Manual	<a href="http://doc.qt.digia.com/4.2/qtsql.html">http://doc.qt.digia.com/4.2/qtsql.html</a>
QtSvg 4.2.0	Qt 4.2.0 Reference Manual	<a href="http://doc.qt.digia.com/4.2/qtsvg.html">http://doc.qt.digia.com/4.2/qtsvg.html</a>
QtXml 4.2.0	Qt 4.2.0 Reference Manual	<a href="http://doc.qt.digia.com/4.2/qtxml.html">http://doc.qt.digia.com/4.2/qtxml.html</a>
The MIT Shared Memory Extension	MIT-SHM - The MIT Shared Memory Extension - X version 11, Release 5	<a href="http://refspecs.linux-foundation.org/X11/mit-shm.pdf">http://refspecs.linux-foundation.org/X11/mit-shm.pdf</a>
X Display Power Management Signaling	X Display Power Management Signaling (DPMS) Extension - Library Specificationi - Version 1.0	<a href="http://refspecs.linux-foundation.org/X11/DPM_Slib.pdf">http://refspecs.linux-foundation.org/X11/DPM_Slib.pdf</a>
X Extended Visual Interface Extension	Extended Visual Information Extension - Version 1.0	<a href="http://refspecs.linux-foundation.org/X11/evi.pdf">http://refspecs.linux-foundation.org/X11/evi.pdf</a>
X Nonrectangular Window Shape Extension Library	X Nonrectangular Window Shape Extension Library - Version 1.0	<a href="http://refspecs.linux-foundation.org/X11/shapelib.pdf">http://refspecs.linux-foundation.org/X11/shapelib.pdf</a>
X Record Extension Library	X Record Extension Library - Version 1.13	<a href="http://refspecs.linux-foundation.org/X11/recordlib.pdf">http://refspecs.linux-foundation.org/X11/recordlib.pdf</a>
X Security Extension Specification	Security Extension Specification - Version 7.1	<a href="http://refspecs.linux-foundation.org/X11/security.pdf">http://refspecs.linux-foundation.org/X11/security.pdf</a>
X Synchronization Extension Library	X Synchronization Extension Library - Version 3.0	<a href="http://refspecs.linux-foundation.org/X11/synclib.pdf">http://refspecs.linux-foundation.org/X11/synclib.pdf</a>

X11 C Library	Xlib - C Language X Interface - X Version 11 Release 6.4	<a href="http://refspecs.linux-foundation.org/X11/xlib.pdf">http://refspecs.linux-foundation.org/X11/xlib.pdf</a>
X11 Input Library	X Input Device Extension Library - X Version 11, Release 6.4	<a href="http://refspecs.linux-foundation.org/X11/Xinput.pdf">http://refspecs.linux-foundation.org/X11/Xinput.pdf</a>
X11 Inter-Client Exchange	Inter-Client Exchange Library - Version 1.0	<a href="http://refspecs.linux-foundation.org/X11/ICElib.pdf">http://refspecs.linux-foundation.org/X11/ICElib.pdf</a>
X11 Keyboard Extension	X Keyboard Extension Library Specification - X Version 11, Release 6.4	<a href="http://refspecs.linux-foundation.org/X11/XKLib.pdf">http://refspecs.linux-foundation.org/X11/XKLib.pdf</a>
X11 Session Management	X Session Management Library - Version 1.0	<a href="http://refspecs.linux-foundation.org/X11/SMlib.pdf">http://refspecs.linux-foundation.org/X11/SMlib.pdf</a>
X11 Toolkit Intrinsic	X Toolkit Intrinsic - C Language Interface - X Version 11, Release 6.4	<a href="http://refspecs.linux-foundation.org/X11/intrinsics.pdf">http://refspecs.linux-foundation.org/X11/intrinsics.pdf</a>
Xft Placeholder	Xft Specification Placeholder	
Xrender Placeholder	Xrender Specification Placeholder	<a href="http://refspecs.linux-foundation.org/X11/XRenderProtocol.html">http://refspecs.linux-foundation.org/X11/XRenderProtocol.html</a>
XTEST Extension Library	XTEST Extension Library - Version 2.2	<a href="http://refspecs.linux-foundation.org/X11/xtstlib.pdf">http://refspecs.linux-foundation.org/X11/xtstlib.pdf</a>

## 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 to use and modify libpng	A description on how to use and modify libpng	<a href="http://www.libpng.org/pub/png/libpng-1.2.5-manual.html">http://www.libpng.org/pub/png/libpng-1.2.5-manual.html</a>
ALSA Library API Reference	ALSA Library API Reference	<a href="http://www.alsa-project.org/alsa-doc/alsa-lib/">http://www.alsa-project.org/alsa-doc/alsa-lib/</a>
Base Directory Spec	XDG Base Directory Specification Version 0.6	<a href="http://standards.freedesktop.org/basedir-spec/basedir-spec-0.6.html">http://standards.freedesktop.org/basedir-spec/basedir-spec-0.6.html</a>
Cairo API Reference	Cairo Vector Graphics API Specification for 1.12.4	<a href="http://cairographics.org/manual-1.12.4">http://cairographics.org/manual-1.12.4</a>
Desktop Entry Spec	Desktop Entry Specification Version 1.0	<a href="http://standards.freedesktop.org/desktop-entry-spec/desktop-entry-spec-1.0.html">http://standards.freedesktop.org/desktop-entry-spec/desktop-entry-spec-1.0.html</a>
Desktop Menu Spec	Desktop Menu Specification Version 1.0	<a href="http://standards.freedesktop.org/menu-spec/menu-">http://standards.freedesktop.org/menu-spec/menu-</a>

		<a href="#">spec-1.0.html</a>
FreeType 2.2 Reference	FreeType 2.2.1 API Reference	<a href="http://refspecs.linuxfoundation.org/freetype/freetype-doc-2.2.1/docs/reference/ft2-toc.html">http://refspecs.linuxfoundation.org/freetype/freetype-doc-2.2.1/docs/reference/ft2-toc.html</a>
Icon Theme Spec	Icon Theme Specification Version 0.11	<a href="http://standards.freedesktop.org/icon-theme-spec/icon-theme-spec-0.11.html">http://standards.freedesktop.org/icon-theme-spec/icon-theme-spec-0.11.html</a>
Independent JPEG Group	Independent JPEG Group	<a href="http://www.iijg.org/">http://www.iijg.org/</a>
xdg-utils reference	Portland Project XDG Utilities Reference 1.0	<a href="http://portland.freedesktop.org/xdg-utils-1.0/">http://portland.freedesktop.org/xdg-utils-1.0/</a>

## 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
libQtCore	libQtCore.so.4
libQtGui	libQtGui.so.4
libQtNetwork	libQtNetwork.so.4
libQtOpenGL	libQtOpenGL.so.4
libQtSql	libQtSql.so.4
libQtSvg	libQtSvg.so.4
libQtXml	libQtXml.so.4
libatk-1.0	libatk-1.0.so.0
libgdk-x11-2.0	libgdk-x11-2.0.so.0
libgdk_pixbuf-2.0	libgdk_pixbuf-2.0.so.0
libgdk_pixbuf_xlib-2.0	libgdk_pixbuf_xlib-2.0.so.0
libgio-2.0	libgio-2.0.so.0
libglib-2.0	libglib-2.0.so.0
libgmodule-2.0	libgmodule-2.0.so.0
libgobject-2.0	libgobject-2.0.so.0
libgthread-2.0	libgthread-2.0.so.0
libgtk-x11-2.0	libgtk-x11-2.0.so.0
libpango-1.0	libpango-1.0.so.0
libpangocairo-1.0	libpangocairo-1.0.so.0
libpangoft2-1.0	libpangoft2-1.0.so.0
libpangoxft-1.0	libpangoxft-1.0.so.0

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

## 4 Terms and Definitions

For the purposes of this document, the terms given in *ISO/IEC Directives, Part 2, Annex H* and the following apply.

### archLSB

Some LSB specification documents have both a generic, architecture-neutral part and an architecture-specific part. The latter describes elements whose definitions may be unique to a particular processor architecture. The term archLSB may be used in the generic part to refer to the corresponding section of the architecture-specific part.

### Binary Standard, ABI

The total set of interfaces that are available to be used in the compiled binary code of a conforming application, including the run-time details such as calling conventions, binary format, C++ name mangling, etc.

### 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.

### Source Standard, API

The total set of interfaces that are available to be used in the source code of a conforming application. Due to translations, the Binary Standard and the Source Standard may contain some different interfaces.

### 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.

In addition, for the portions of this specification which build on IEEE Std 1003.1-2001, the definitions given in *IEEE Std 1003.1-2001, Base Definitions, Chapter 3* apply.



## 5 Documentation Conventions

Throughout this document, the following typographic conventions are used:

`function()`

the name of a function

**command**

the name of a command or utility

CONSTANT

a constant value

*parameter*

a parameter

variable

a variable

Throughout this specification, several tables of interfaces are presented. Each entry in these tables has the following format:

name

the name of the interface

(symver)

An optional symbol version identifier, if required.

[refno]

A reference number indexing the table of referenced specifications that follows this table.

For example,

forkpty(GLIBC_2.0) [SUSv4]
----------------------------

refers to the interface named `forkpty()` with symbol version `GLIBC_2.0` that is defined in the reference indicated by the tag `SUSv4`.

**Note:** For symbols with versions which differ between architectures, the symbol versions are defined in the architecture specific parts of of this module specification only. In the generic part, they will appear without symbol versions.

## **II GTK+ Stack Libraries**

## 6 Libraries

### 6.1 Introduction

A conforming implementation shall support the following libraries from the GTK+ stack which provide interfaces for creating rich graphical user interface applications.

#### GLib

A general-purpose utility library, not specific to graphical user interfaces. Glib is implemented as several libraries, providing a type system, a signal system, data conversion routines, string utilities, a filesystem abstraction and file utility routines, threading support and a main loop abstraction.

libglib-2.0

libgmodule-2.0

libgobject-2.0

libgthread-2.0

libgio-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 laying out and rendering text. 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

libpangoft2-1.0

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 as 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.

## 6.2 Interfaces for libglib-2.0

[Table 6-1](#) defines the library name and shared object name for the libglib-2.0 library

**Table 6-1 libglib-2.0 Definition**

Library:	libglib-2.0
SONAME:	libglib-2.0.so.0

### 6.2.1 GTK General purpose utility library

#### 6.2.1.1 Interfaces for GTK General purpose utility library

No external functions are defined for libglib-2.0 - GTK General purpose utility library in this part of the specification. See also the generic specification.

### 6.2.2 Glib Arrays

#### 6.2.2.1 Interfaces for Glib Arrays

No external functions are defined for libglib-2.0 - Glib Arrays in this part of the specification. See also the generic specification.

### 6.2.3 Glib Asynchronous Queues

#### 6.2.3.1 Interfaces for Glib Asynchronous Queues

No external functions are defined for libglib-2.0 - Glib Asynchronous Queues in this part of the specification. See also the generic specification.

### 6.2.4 Glib Atomic Operations

#### 6.2.4.1 Interfaces for Glib Atomic Operations

No external functions are defined for libglib-2.0 - Glib Atomic Operations in this part of the specification. See also the generic specification.

## **6.2.5 Glib Automatic String Completion**

### **6.2.5.1 Interfaces for Glib Automatic String Completion**

No external functions are defined for libglib-2.0 - Glib Automatic String Completion in this part of the specification. See also the generic specification.

## **6.2.6 Glib Balanced Binary Trees**

### **6.2.6.1 Interfaces for Glib Balanced Binary Trees**

No external functions are defined for libglib-2.0 - Glib Balanced Binary Trees in this part of the specification. See also the generic specification.

## **6.2.7 Glib Byte Arrays**

### **6.2.7.1 Interfaces for Glib Byte Arrays**

No external functions are defined for libglib-2.0 - Glib Byte Arrays in this part of the specification. See also the generic specification.

## **6.2.8 Glib Caches**

### **6.2.8.1 Interfaces for Glib Caches**

No external functions are defined for libglib-2.0 - Glib Caches in this part of the specification. See also the generic specification.

## **6.2.9 Glib Character Set Conversion**

### **6.2.9.1 Interfaces for Glib Character Set Conversion**

No external functions are defined for libglib-2.0 - Glib Character Set Conversion in this part of the specification. See also the generic specification.

## **6.2.10 Glib Commandline Option Parser**

### **6.2.10.1 Interfaces for Glib Commandline Option Parser**

No external functions are defined for libglib-2.0 - Glib Commandline Option Parser in this part of the specification. See also the generic specification.

## **6.2.11 Glib Datasets**

### **6.2.11.1 Interfaces for Glib Datasets**

No external functions are defined for libglib-2.0 - Glib Datasets in this part of the specification. See also the generic specification.

## **6.2.12 Glib Date and Time Functions**

### **6.2.12.1 Interfaces for Glib Date and Time Functions**

No external functions are defined for libglib-2.0 - Glib Date and Time Functions in this part of the specification. See also the generic specification.

## **6.2.13 Glib Double-Ended Queues**

### **6.2.13.1 Interfaces for Glib Double-Ended Queues**

No external functions are defined for libglib-2.0 - Glib Double-Ended Queues in this

part of the specification. See also the generic specification.

## **6.2.14 Glib Doubly-Linked Lists**

### **6.2.14.1 Interfaces for Glib Doubly-Linked Lists**

No external functions are defined for libglib-2.0 - Glib Doubly-Linked Lists in this part of the specification. See also the generic specification.

## **6.2.15 Glib Error Reporting**

### **6.2.15.1 Interfaces for Glib Error Reporting**

No external functions are defined for libglib-2.0 - Glib Error Reporting in this part of the specification. See also the generic specification.

## **6.2.16 Glib File Utilities**

### **6.2.16.1 Interfaces for Glib File Utilities**

No external functions are defined for libglib-2.0 - Glib File Utilities in this part of the specification. See also the generic specification.

## **6.2.17 Glib Glob-Style Pattern Matching**

### **6.2.17.1 Interfaces for Glib Glob-Style Pattern Matching**

No external functions are defined for libglib-2.0 - Glib Glob-Style Pattern Matching in this part of the specification. See also the generic specification.

## **6.2.18 Glib Hash Tables**

### **6.2.18.1 Interfaces for Glib Hash Tables**

No external functions are defined for libglib-2.0 - Glib Hash Tables in this part of the specification. See also the generic specification.

## **6.2.19 Glib Hook Functions**

### **6.2.19.1 Interfaces for Glib Hook Functions**

No external functions are defined for libglib-2.0 - Glib Hook Functions in this part of the specification. See also the generic specification.

## **6.2.20 Glib IO Channels**

### **6.2.20.1 Interfaces for Glib IO Channels**

No external functions are defined for libglib-2.0 - Glib IO Channels in this part of the specification. See also the generic specification.

## **6.2.21 Glib Internationalization**

### **6.2.21.1 Interfaces for Glib Internationalization**

No external functions are defined for libglib-2.0 - Glib Internationalization in this part of the specification. See also the generic specification.

## **6.2.22 Glib Key-Value File Parser**

### **6.2.22.1 Interfaces for Glib Key-Value File Parser**

No external functions are defined for libglib-2.0 - Glib Key-Value File Parser in this part of the specification. See also the generic specification.

## **6.2.23 Glib Keyed Data Lists**

### **6.2.23.1 Interfaces for Glib Keyed Data Lists**

No external functions are defined for libglib-2.0 - Glib Keyed Data Lists in this part of the specification. See also the generic specification.

## **6.2.24 Glib Lexical Scanner**

### **6.2.24.1 Interfaces for Glib Lexical Scanner**

No external functions are defined for libglib-2.0 - Glib Lexical Scanner in this part of the specification. See also the generic specification.

## **6.2.25 Glib Memory Allocation**

### **6.2.25.1 Interfaces for Glib Memory Allocation**

No external functions are defined for libglib-2.0 - Glib Memory Allocation in this part of the specification. See also the generic specification.

## **6.2.26 Glib Memory Allocators**

### **6.2.26.1 Interfaces for Glib Memory Allocators**

No external functions are defined for libglib-2.0 - Glib Memory Allocators in this part of the specification. See also the generic specification.

## **6.2.27 Glib Memory Chunks**

### **6.2.27.1 Interfaces for Glib Memory Chunks**

No external functions are defined for libglib-2.0 - Glib Memory Chunks in this part of the specification. See also the generic specification.

## **6.2.28 Glib Message Logging**

### **6.2.28.1 Interfaces for Glib Message Logging**

No external functions are defined for libglib-2.0 - Glib Message Logging in this part of the specification. See also the generic specification.

## **6.2.29 Glib Message Output and Debugging Functions**

### **6.2.29.1 Interfaces for Glib Message Output and Debugging Functions**

No external functions are defined for libglib-2.0 - Glib Message Output and Debugging Functions in this part of the specification. See also the generic specification.

## **6.2.30 Glib Miscellaneous Utility Functions**

### **6.2.30.1 Interfaces for Glib Miscellaneous Utility Functions**

No external functions are defined for libglib-2.0 - Glib Miscellaneous Utility Functions in this part of the specification. See also the generic specification.

## **6.2.31 Glib N-ary Trees**

### **6.2.31.1 Interfaces for Glib N-ary Trees**

No external functions are defined for libglib-2.0 - Glib N-ary Trees in this part of the specification. See also the generic specification.

## **6.2.32 Glib Pointer Arrays**

### **6.2.32.1 Interfaces for Glib Pointer Arrays**

No external functions are defined for libglib-2.0 - Glib Pointer Arrays in this part of the specification. See also the generic specification.

## **6.2.33 Glib Quarks**

### **6.2.33.1 Interfaces for Glib Quarks**

No external functions are defined for libglib-2.0 - Glib Quarks in this part of the specification. See also the generic specification.

## **6.2.34 Glib Random Numbers**

### **6.2.34.1 Interfaces for Glib Random Numbers**

No external functions are defined for libglib-2.0 - Glib Random Numbers in this part of the specification. See also the generic specification.

## **6.2.35 Glib Relations and Tuples**

### **6.2.35.1 Interfaces for Glib Relations and Tuples**

No external functions are defined for libglib-2.0 - Glib Relations and Tuples in this part of the specification. See also the generic specification.

## **6.2.36 Glib Shell-related Utilities**

### **6.2.36.1 Interfaces for Glib Shell-related Utilities**

No external functions are defined for libglib-2.0 - Glib Shell-related Utilities in this part of the specification. See also the generic specification.

## **6.2.37 Glib Simple XML Subset Parser**

### **6.2.37.1 Interfaces for Glib Simple XML Subset Parser**

No external functions are defined for libglib-2.0 - Glib Simple XML Subset Parser in this part of the specification. See also the generic specification.

## **6.2.38 Glib Singly-Linked Lists**

### **6.2.38.1 Interfaces for Glib Singly-Linked Lists**

No external functions are defined for libglib-2.0 - Glib Singly-Linked Lists in this part



of the specification. See also the generic specification.

## **6.2.39 Glib Spawning Processes**

### **6.2.39.1 Interfaces for Glib Spawning Processes**

No external functions are defined for libglib-2.0 - Glib Spawning Processes in this part of the specification. See also the generic specification.

## **6.2.40 Glib String Chunks**

### **6.2.40.1 Interfaces for Glib String Chunks**

No external functions are defined for libglib-2.0 - Glib String Chunks in this part of the specification. See also the generic specification.

## **6.2.41 Glib String Utility Functions**

### **6.2.41.1 Interfaces for Glib String Utility Functions**

No external functions are defined for libglib-2.0 - Glib String Utility Functions in this part of the specification. See also the generic specification.

## **6.2.42 Glib Strings**

### **6.2.42.1 Interfaces for Glib Strings**

No external functions are defined for libglib-2.0 - Glib Strings in this part of the specification. See also the generic specification.

## **6.2.43 Glib - The Main Event Loop**

### **6.2.43.1 Interfaces for Glib - The Main Event Loop**

No external functions are defined for libglib-2.0 - Glib - The Main Event Loop in this part of the specification. See also the generic specification.

## **6.2.44 Glib Thread Pools**

### **6.2.44.1 Interfaces for Glib Thread Pools**

No external functions are defined for libglib-2.0 - Glib Thread Pools in this part of the specification. See also the generic specification.

## **6.2.45 Glib Threads**

### **6.2.45.1 Interfaces for Glib Threads**

No external functions are defined for libglib-2.0 - Glib Threads in this part of the specification. See also the generic specification.

## **6.2.46 Glib Timers**

### **6.2.46.1 Interfaces for Glib Timers**

No external functions are defined for libglib-2.0 - Glib Timers in this part of the specification. See also the generic specification.

## 6.2.47 Glib Trash Stacks

### 6.2.47.1 Interfaces for Glib Trash Stacks

No external functions are defined for libglib-2.0 - Glib Trash Stacks in this part of the specification. See also the generic specification.

## 6.2.48 Glib Unicode Manipulation

### 6.2.48.1 Interfaces for Glib Unicode Manipulation

No external functions are defined for libglib-2.0 - Glib Unicode Manipulation in this part of the specification. See also the generic specification.

## 6.2.49 Glib Version Information

### 6.2.49.1 Interfaces for Glib Version Information

No external functions are defined for libglib-2.0 - Glib Version Information in this part of the specification. See also the generic specification.

## 6.2.50 Glib Bookmark File Parser

### 6.2.50.1 Interfaces for Glib Bookmark File Parser

No external functions are defined for libglib-2.0 - Glib Bookmark File Parser in this part of the specification. See also the generic specification.

## 6.2.51 Glib Memory Slices

### 6.2.51.1 Interfaces for Glib Memory Slices

No external functions are defined for libglib-2.0 - Glib Memory Slices in this part of the specification. See also the generic specification.

## 6.2.52 Glib Base64 Encoding

### 6.2.52.1 Interfaces for Glib Base64 Encoding

No external functions are defined for libglib-2.0 - Glib Base64 Encoding in this part of the specification. See also the generic specification.

## 6.3 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.

### 6.3.1 glib-2.0/glib.h

```

#define GPOINTER_TO_INT(p)      ((gint) (glong) (p))
#define GLONG_TO_BE(val)       ((glong) GINT64_TO_BE (val))
#define GLONG_TO_LE(val)       ((glong) GINT64_TO_LE (val))
#define GINT_TO_POINTER(i)     ((gpointer) (glong) (i))
#define GUINT_TO_POINTER(u)    ((gpointer) (gulong) (u))
#define GPOINTER_TO_UINT(p)    ((guint) (gulong) (p))
#define GULONG_TO_BE(val)      ((gulong) GUINT64_TO_BE (val))
#define GULONG_TO_LE(val)      ((gulong) GUINT64_TO_LE (val))
#define G_GINT64_CONSTANT(val) (G_GNUC_EXTENSION (val ##L))
#define G_VA_COPY_AS_ARRAY    1
#define GLIB_LSB_PADDING_SIZE  40
#define GLIB_LSB_DATA_SIZE     8
#define GLIB_SIZEOF_LONG       8
#define GLIB_SIZEOF_SIZE_T     8
#define GLIB_SIZEOF_VOID_P     8
#define G_BYTE_ORDER           G_BIG_ENDIAN
#define G_MAXSIZE               G_MAXULONG
#define G_BREAKPOINT()         G_STMT_START{ raise (SIGTRAP); }
G_STMT_END
#define G_GINT64_MODIFIER      "l"
#define G_GSIZE_MODIFIER       "l"
#define G_GINT64_FORMAT        "li"
#define G_GSSIZE_FORMAT        "li"
#define G_GSIZE_FORMAT         "lu"
#define G_GUINT64_FORMAT       "lu"

typedef long int gssize;
typedef long int gint64;
typedef unsigned long int guint64;

typedef unsigned long int gsize;

```

### 6.3.2 glib-2.0/glib/gi18n.h

```

/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */

```

### 6.3.3 glib-2.0/glib/gstdio.h

```

/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */

```

## 6.4 Interfaces for libgmodule-2.0

[Table 6-2](#) defines the library name and shared object name for the libgmodule-2.0 library

**Table 6-2 libgmodule-2.0 Definition**

Library:	libgmodule-2.0
SONAME:	libgmodule-2.0.so.0

## 6.4.1 Glib-Dynamic loading of Modules

### 6.4.1.1 Interfaces for Glib-Dynamic loading of Modules

No external functions are defined for libgmodule-2.0 - Glib-Dynamic loading of Modules in this part of the specification. See also the generic specification.

## 6.5 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.

### 6.5.1 glib-2.0/gmodule.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.6 Interfaces for libgobject-2.0

[Table 6-3](#) defines the library name and shared object name for the libgobject-2.0 library

**Table 6-3 libgobject-2.0 Definition**

Library:	libgobject-2.0
SONAME:	libgobject-2.0.so.0

### 6.6.1 GObject GTypeModule

#### 6.6.1.1 Interfaces for GObject GTypeModule

No external functions are defined for libgobject-2.0 - GObject GTypeModule in this part of the specification. See also the generic specification.

### 6.6.2 GObject Enums and Flags

#### 6.6.2.1 Interfaces for GObject Enums and Flags

No external functions are defined for libgobject-2.0 - GObject Enums and Flags in this part of the specification. See also the generic specification.

### 6.6.3 GObject Signals

#### 6.6.3.1 Interfaces for GObject Signals

No external functions are defined for libgobject-2.0 - GObject Signals in this part of the

specification. See also the generic specification.

## **6.6.4 GObject Value arrays**

### **6.6.4.1 Interfaces for GObject Value arrays**

No external functions are defined for libgobject-2.0 - GObject Value arrays in this part of the specification. See also the generic specification.

## **6.6.5 GObject Generic Values**

### **6.6.5.1 Interfaces for GObject Generic Values**

No external functions are defined for libgobject-2.0 - GObject Generic Values in this part of the specification. See also the generic specification.

## **6.6.6 GObject Parameters and Values**

### **6.6.6.1 Interfaces for GObject Parameters and Values**

No external functions are defined for libgobject-2.0 - GObject Parameters and Values in this part of the specification. See also the generic specification.

## **6.6.7 GObject GParamSpec**

### **6.6.7.1 Interfaces for GObject GParamSpec**

No external functions are defined for libgobject-2.0 - GObject GParamSpec in this part of the specification. See also the generic specification.

## **6.6.8 GObject GBoxed**

### **6.6.8.1 Interfaces for GObject GBoxed**

No external functions are defined for libgobject-2.0 - GObject GBoxed in this part of the specification. See also the generic specification.

## **6.6.9 GObject Closures**

### **6.6.9.1 Interfaces for GObject Closures**

No external functions are defined for libgobject-2.0 - GObject Closures in this part of the specification. See also the generic specification.

## **6.6.10 GObject GObject**

### **6.6.10.1 Interfaces for GObject GObject**

No external functions are defined for libgobject-2.0 - GObject GObject in this part of the specification. See also the generic specification.

## **6.6.11 GObject GType**

### **6.6.11.1 Interfaces for GObject GType**

No external functions are defined for libgobject-2.0 - GObject GType in this part of the specification. See also the generic specification.

## 6.6.12 GObject GTypePlugin

### 6.6.12.1 Interfaces for GObject GTypePlugin

No external functions are defined for libgobject-2.0 - GObject GTypePlugin in this part of the specification. See also the generic specification.

## 6.6.13 GObject GBinding

### 6.6.13.1 Interfaces for GObject GBinding

No external functions are defined for libgobject-2.0 - GObject GBinding in this part of the specification. See also the generic specification.

## 6.7 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.

### 6.7.1 glib-2.0/glib-object.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.7.2 glib-2.0/gobject/gvaluecollector.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.8 Interfaces for libgthread-2.0

[Table 6-4](#) defines the library name and shared object name for the libgthread-2.0 library

**Table 6-4 libgthread-2.0 Definition**

Library:	libgthread-2.0
SONAME:	libgthread-2.0.so.0

## 6.8.1 Glib thread abstraction

### 6.8.1.1 Interfaces for Glib thread abstraction

No external functions are defined for libgthread-2.0 - Glib thread abstraction in this part of the specification. See also the generic specification.

## 6.9 Interfaces for libgio-2.0

[Table 6-5](#) defines the library name and shared object name for the libgio-2.0 library

**Table 6-5 libgio-2.0 Definition**

Library:	libgio-2.0
SONAME:	libgio-2.0.so.0

## 6.9.1 libgio-2.0 interfaces

### 6.9.1.1 Interfaces for libgio-2.0 interfaces

No external functions are defined for libgio-2.0 - libgio-2.0 interfaces in this part of the specification. See also the generic specification.

## 6.10 Data Definitions for libgio-2.0

This section defines global identifiers and their values that are associated with interfaces contained in libgio-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.

### 6.10.1 gio-unix-2.0/gio/gdesktopappinfo.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.10.2 gio-unix-2.0/gio/gfiledescriptorbased.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.10.3 gio-unix-2.0/gio/gunixconnection.h

```
/*
```

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

#### **6.10.4 gio-unix-2.0/gio/gunixcredentialsmessage.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.5 gio-unix-2.0/gio/gunixfdlist.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.6 gio-unix-2.0/gio/gunixfdmessage.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.7 gio-unix-2.0/gio/gunixinputstream.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.8 gio-unix-2.0/gio/gunixmounts.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.9 gio-unix-2.0/gio/gunixoutputstream.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.10 gio-unix-2.0/gio/gunixsocketaddress.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```



### 6.10.11 glib-2.0/gio/gaction.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.12 glib-2.0/gio/gactiongroup.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.13 glib-2.0/gio/gactionmap.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.14 glib-2.0/gio/gappinfo.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.15 glib-2.0/gio/gapplication.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.16 glib-2.0/gio/gapplicationcommandline.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.17 glib-2.0/gio/gasyncinitable.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.18 glib-2.0/gio/gasyncresult.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details
```

```
*/
```

### **6.10.19 glib-2.0/gio/gbufferedinputstream.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.20 glib-2.0/gio/gbufferedoutputstream.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.21 glib-2.0/gio/gcancellable.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.22 glib-2.0/gio/gcharsetconverter.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.23 glib-2.0/gio/gconverter.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.24 glib-2.0/gio/gconverterinputstream.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.25 glib-2.0/gio/gconverteroutputstream.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.26 glib-2.0/gio/gcredentials.h**

```
/*
```

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### **6.10.27 glib-2.0/gio/gdatainputstream.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.28 glib-2.0/gio/gdataoutputstream.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.29 glib-2.0/gio/gdbusactiongroup.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.30 glib-2.0/gio/gdbusauthobserver.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.31 glib-2.0/gio/gdbusconnection.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.32 glib-2.0/gio/gdbuserror.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.33 glib-2.0/gio/gdbusinterface.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**6.10.34 glib-2.0/gio/gdbusinterfaceskeleton.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.35 glib-2.0/gio/gdbusintrospection.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.36 glib-2.0/gio/gdbusmenumodel.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.37 glib-2.0/gio/gdbusmessage.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.38 glib-2.0/gio/gdbusmethodinvocation.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.39 glib-2.0/gio/gdbusnameowning.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.40 glib-2.0/gio/gdbusnamewatching.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.41 glib-2.0/gio/gdbusobject.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details
```

\*/

#### **6.10.42 glib-2.0/gio/gdbusobjectmanager.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.43 glib-2.0/gio/gdbusobjectmanagerclient.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.44 glib-2.0/gio/gdbusobjectmanagerserver.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.45 glib-2.0/gio/gdbusobjectproxy.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.46 glib-2.0/gio/gdbusobjectskeleton.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.47 glib-2.0/gio/gdbusproxy.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.48 glib-2.0/gio/gdbusserver.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### **6.10.49 glib-2.0/gio/gdrive.h**

/\*

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### **6.10.50 glib-2.0/gio/gemblem.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.51 glib-2.0/gio/gemblemedicon.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.52 glib-2.0/gio/gfile.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.53 glib-2.0/gio/gfileattribute.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.54 glib-2.0/gio/gfileenumerator.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.55 glib-2.0/gio/gfileicon.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.56 glib-2.0/gio/gfileinfo.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.10.57 glib-2.0/gio/gfileinputstream.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.10.58 glib-2.0/gio/gfileiostream.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.10.59 glib-2.0/gio/gfilemonitor.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.10.60 glib-2.0/gio/gfilenamecompleter.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.10.61 glib-2.0/gio/gfileoutputstream.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.10.62 glib-2.0/gio/gfilterinputstream.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.10.63 glib-2.0/gio/gfilteroutputstream.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.10.64 glib-2.0/gio/gicon.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

```
*/
```

### 6.10.65 glib-2.0/gio/ginetaddress.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.66 glib-2.0/gio/ginetaddressmask.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.67 glib-2.0/gio/ginetsocketaddress.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.68 glib-2.0/gio/ginitable.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.69 glib-2.0/gio/ginputstream.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.70 glib-2.0/gio/gio.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.71 glib-2.0/gio/gioenums.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 6.10.72 glib-2.0/gio/gioenumtypes.h

```
/*
```



```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### **6.10.73 glib-2.0/gio/gioerror.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.74 glib-2.0/gio/giomodule.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.75 glib-2.0/gio/giostream.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.76 glib-2.0/gio/giotypes.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.77 glib-2.0/gio/gloadableicon.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.78 glib-2.0/gio/gmemoryinputstream.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.79 glib-2.0/gio/gmemoryoutputstream.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**6.10.80 glib-2.0/gio/gmenu.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.81 glib-2.0/gio/gmenumodel.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.82 glib-2.0/gio/gmount.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.83 glib-2.0/gio/gmountoperation.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.84 glib-2.0/gio/gnativevolumemonitor.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.85 glib-2.0/gio/gnetworkaddress.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.86 glib-2.0/gio/gnetworkmonitor.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

**6.10.87 glib-2.0/gio/gnetworkservice.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details
```

\*/

### **6.10.88 glib-2.0/gio/goutputstream.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.89 glib-2.0/gio/gpermission.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.90 glib-2.0/gio/gpollableinputstream.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.91 glib-2.0/gio/gpollableoutputstream.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.92 glib-2.0/gio/gproxy.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.93 glib-2.0/gio/gproxyaddress.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.94 glib-2.0/gio/gproxyaddressenumerator.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.95 glib-2.0/gio/gproxyresolver.h**

/\*

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### **6.10.96 glib-2.0/gio/gremoteactiongroup.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.97 glib-2.0/gio/gresolver.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.98 glib-2.0/gio/gresource.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.99 glib-2.0/gio/gseekable.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.100 glib-2.0/gio/gsettings.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.101 glib-2.0/gio/gsettingsbackend.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.102 glib-2.0/gio/gsettingsschema.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.103 glib-2.0/gio/gsimpleaction.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.104 glib-2.0/gio/gsimpleactiongroup.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.105 glib-2.0/gio/gsimpleasyncresult.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.106 glib-2.0/gio/gsimplepermission.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.107 glib-2.0/gio/gsocket.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.108 glib-2.0/gio/gsocketaddress.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.109 glib-2.0/gio/gsocketaddressenumerator.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.110 glib-2.0/gio/gsocketclient.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

```
*/
```

### **6.10.111 glib-2.0/gio/gsocketconnectable.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.112 glib-2.0/gio/gsocketconnection.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.113 glib-2.0/gio/gsocketcontrolmessage.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.114 glib-2.0/gio/gsocketlistener.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.115 glib-2.0/gio/gsocketservice.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.116 glib-2.0/gio/gsrvtarget.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.117 glib-2.0/gio/gtcpconnection.h**

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### **6.10.118 glib-2.0/gio/gtcpwrapperconnection.h**

```
/*
```

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### **6.10.119 glib-2.0/gio/gthemedicon.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.120 glib-2.0/gio/gthreadedsocketservice.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.121 glib-2.0/gio/gtlsbackend.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.122 glib-2.0/gio/gtlscertificate.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.123 glib-2.0/gio/gtlscientconnection.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.124 glib-2.0/gio/gtlsconnection.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **6.10.125 glib-2.0/gio/gtlsdatabase.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**6.10.126 glib-2.0/gio/gtlsfiledatabase.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**6.10.127 glib-2.0/gio/gtlsinteraction.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**6.10.128 glib-2.0/gio/gtlspassword.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**6.10.129 glib-2.0/gio/gtlsserverconnection.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**6.10.130 glib-2.0/gio/gvfs.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**6.10.131 glib-2.0/gio/gvolume.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**6.10.132 glib-2.0/gio/gvolumemonitor.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**6.10.133 glib-2.0/gio/gzlibcompressor.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```



```
*/
```

### 6.10.134 glib-2.0/gio/gzlibdecompressor.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.11 Interfaces for libatk-1.0

[Table 6-6](#) defines the library name and shared object name for the libatk-1.0 library

**Table 6-6 libatk-1.0 Definition**

Library:	libatk-1.0
SONAME:	libatk-1.0.so.0

### 6.11.1 GTK Accessibility Toolkit

#### 6.11.1.1 Interfaces for GTK Accessibility Toolkit

No external functions are defined for libatk-1.0 - GTK Accessibility Toolkit in this part of the specification. See also the generic specification.

## 6.12 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.

### 6.12.1 atk-1.0/atk/atk-enum-types.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.12.2 atk-1.0/atk/atk.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.12.3 atk-1.0/atk/atkplug.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.12.4 atk-1.0/atk/atksocket.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.12.5 atk-1.0/atk/atkwindow.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.13 Interfaces for libpango-1.0

[Table 6-7](#) defines the library name and shared object name for the libpango-1.0 library

**Table 6-7 libpango-1.0 Definition**

Library:	libpango-1.0
SONAME:	libpango-1.0.so.0

### 6.13.1 GTK Internationalized Text Layout and Rendering library

#### 6.13.1.1 Interfaces for GTK Internationalized Text Layout and Rendering library

No external functions are defined for libpango-1.0 - GTK Internationalized Text Layout and Rendering library in this part of the specification. See also the generic specification.

## 6.14 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.

### 6.14.1 pango-1.0/pango/pango-bidi-type.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.14.2 pango-1.0/pango/pango-utils.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.14.3 pango-1.0/pango/pango.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.15 Interfaces for libpangocairo-1.0

[Table 6-8](#) defines the library name and shared object name for the libpangocairo-1.0 library

**Table 6-8 libpangocairo-1.0 Definition**

Library:	libpangocairo-1.0
SONAME:	libpangocairo-1.0.so.0

### 6.15.1 Pango Cairo Rendering

#### 6.15.1.1 Interfaces for Pango Cairo Rendering

No external functions are defined for libpangocairo-1.0 - Pango Cairo Rendering in this part of the specification. See also the generic specification.

## 6.16 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.

## 6.16.1 pango-1.0/pango/pangocairo.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.17 Interfaces for libpangoft-1.0

[Table 6-9](#) defines the library name and shared object name for the libpangoft-1.0 library

**Table 6-9 libpangoft-1.0 Definition**

Library:	libpangoft-1.0
SONAME:	libpangoft-1.0.so.0

### 6.17.1 Pango Xft Fonts and Rendering library

#### 6.17.1.1 Interfaces for Pango Xft Fonts and Rendering library

No external functions are defined for libpangoft-1.0 - Pango Xft Fonts and Rendering library in this part of the specification. See also the generic specification.

## 6.18 Data Definitions for libpangoft-1.0

This section defines global identifiers and their values that are associated with interfaces contained in libpangoft-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.

### 6.18.1 pango-1.0/pango/pangoft.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.19 Interfaces for libpangoft2-1.0

[Table 6-10](#) defines the library name and shared object name for the libpangoft2-1.0 library

**Table 6-10 libpangoft2-1.0 Definition**

Library:	libpangoft2-1.0
SONAME:	libpangoft2-1.0.so.0

## 6.19.1 Pango Freetype Fonts and Rendering library

### 6.19.1.1 Interfaces for Pango Freetype Fonts and Rendering library

No external functions are defined for libpangoft2-1.0 - Pango Freetype Fonts and Rendering library in this part of the specification. See also the generic specification.

## 6.20 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 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.

### 6.20.1 pango-1.0/pango/pangofc-decoder.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.20.2 pango-1.0/pango/pangofc-fontmap.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.20.3 pango-1.0/pango/pangoft2.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.21 Interfaces for libgdk\_pixbuf-2.0

[Table 6-11](#) defines the library name and shared object name for the libgdk\_pixbuf-2.0 library

**Table 6-11 libgdk\_pixbuf-2.0 Definition**

Library:	libgdk_pixbuf-2.0
SONAME:	libgdk_pixbuf-2.0.so.0

## 6.21.1 GDK pixbuf rendering on drawables library

### 6.21.1.1 Interfaces for GDK pixbuf rendering on drawables library

No external functions are defined for libgdk\_pixbuf-2.0 - GDK pixbuf rendering on drawables library in this part of the specification. See also the generic specification.

## 6.22 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.

### 6.22.1 gdk-pixbuf-2.0/gdk-pixbuf/gdk-pixbuf.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.22.2 gdk-pixbuf-2.0/gdk-pixbuf/gdk-pixdata.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.23 Interfaces for libgdk\_pixbuf\_xlib-2.0

[Table 6-12](#) defines the library name and shared object name for the libgdk\_pixbuf\_xlib-2.0 library

**Table 6-12 libgdk\_pixbuf\_xlib-2.0 Definition**

Library:	libgdk_pixbuf_xlib-2.0
SONAME:	libgdk_pixbuf_xlib-2.0.so.0

## 6.23.1 GDK pixbuf rendering to an X drawable library

### 6.23.1.1 Interfaces for GDK pixbuf rendering to an X drawable library

No external functions are defined for libgdk\_pixbuf\_xlib-2.0 - GDK pixbuf rendering to an X drawable library in this part of the specification. See also the generic specification.

## 6.24 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 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.

### 6.24.1 gdk-pixbuf-2.0/gdk-pixbuf-xlib/gdk-pixbuf-xlib.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.25 Interfaces for libgdk-x11-2.0

[Table 6-13](#) defines the library name and shared object name for the libgdk-x11-2.0 library

**Table 6-13 libgdk-x11-2.0 Definition**

Library:	libgdk-x11-2.0
SONAME:	libgdk-x11-2.0.so.0

### 6.25.1 GTK Drawing toolkit

#### 6.25.1.1 Interfaces for GTK Drawing toolkit

No external functions are defined for libgdk-x11-2.0 - GTK Drawing toolkit in this part of the specification. See also the generic specification.

## 6.26 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.

### 6.26.1 gtk-2.0/gdk/gdk.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.26.2 gtk-2.0/gdk/gdkkeysyms.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.26.3 gtk-2.0/gdk/gdkx.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 6.27 Interfaces for libgtk-x11-2.0

[Table 6-14](#) defines the library name and shared object name for the libgtk-x11-2.0 library

**Table 6-14 libgtk-x11-2.0 Definition**

Library:	libgtk-x11-2.0
SONAME:	libgtk-x11-2.0.so.0

### 6.27.1 GTK main Widgets library

#### 6.27.1.1 Interfaces for GTK main Widgets library

No external functions are defined for libgtk-x11-2.0 - GTK main Widgets library in this part of the specification. See also the generic specification.

## 6.28 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.



### 6.28.1 gtk-2.0/gtk/gtk.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.28.2 gtk-2.0/gtk/gtkenums.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.28.3 gtk-2.0/gtk/gtkprintoperationpreview.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.28.4 gtk-2.0/gtk/gtkrecentfilter.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.28.5 gtk-2.0/gtk/gtkrecentmanager.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.28.6 gtk-2.0/gtk/gtkstatusicon.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.28.7 gtk-2.0/gtk/gtktextbufferrichtext.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.28.8 gtk-unix-print- 2.0/gtk/gtkpagesetupunixdialog.h

```
/*
```

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### 6.28.9 gtk-unix-print-2.0/gtk/gtkprinter.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.28.10 gtk-unix-print-2.0/gtk/gtkprintjob.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.28.11 gtk-unix-print-2.0/gtk/gtkprintunixdialog.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 6.28.12 gtk-unix-print-2.0/gtk/gtkunixprint.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### **III Qt Libraries**

## 7 Libraries

### 7.1 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 as 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.

## 7.2 Interfaces for libQtCore

[Table 7-1](#) defines the library name and shared object name for the libQtCore library

**Table 7-1 libQtCore Definition**

Library:	libQtCore
SONAME:	libQtCore.so.4

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

[CXXABI-1.86] [Itanium™ C++ ABI](#)

[LSB] [This Specification](#)

[QtCore] [QtCore 4.2.0](#)

### 7.2.1 Qt4 Core Functions

#### 7.2.1.1 Class data for QDynamicPropertyChangeEvent

The virtual table for the QDynamicPropertyChangeEvent class is described in the generic part of this specification.

#### 7.2.1.2 Class data for QTimeLine

The virtual table for the QTimeLine class is described in the generic part of this specification.

#### 7.2.1.3 Interfaces for Qt4 Core Functions

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Core Functions specified in [Table 7-2](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-2 libQtCore - Qt4 Core Functions Function Interfaces**

<a href="#">_Z10qvsprintfPcmPKcP13__va_list_tag [QtCore]</a>	<a href="#">_Z7qMallocm [LSB]</a>
<a href="#">_Z7qMemSetPvim [LSB]</a>	<a href="#">_Z8qMemCopyPvPKvm [LSB]</a>
<a href="#">_Z8qReallocPvm [LSB]</a>	<a href="#">_Z9qvsprintfPcmPKcz [QtCore]</a>
<a href="#">_ZThn16_N16QTextCodecPlugin6createERK7QString [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK16QTextCodecPlugin4keysEv [CXXABI-1.86]</a>

### 7.2.2 Qt4 Models

#### 7.2.2.1 Class data for QAbstractItemModel

The virtual table for the QAbstractItemModel class is described in the generic part of this specification.

The Run Time Type Information for the QAbstractItemModel class is described by [Table 7-3](#)

**Table 7-3 typeid for QAbstractItemModel**

Base Vtable	vtable for <a href="#">__cxxabiv1::__si_class_type_info</a>
Name	typeid name for QAbstractItemModel
basetype:	typeid for QObject

#### 7.2.2.2 Class data for QAbstractTableModel

The virtual table for the QAbstractTableModel class is described in the generic part of

this specification.

The Run Time Type Information for the QAbstractTableModel class is described by [Table 7-4](#)

**Table 7-4 typeinfo for QAbstractTableModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractTableModel
basetype:	typeinfo for QAbstractItemModel

### 7.2.2.3 Class data for QAbstractListModel

The virtual table for the QAbstractListModel class is described in the generic part of this specification.

The Run Time Type Information for the QAbstractListModel class is described by [Table 7-5](#)

**Table 7-5 typeinfo for QAbstractListModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractListModel
basetype:	typeinfo for QAbstractItemModel

### 7.2.2.4 Interfaces for Qt4 Models

No external functions are defined for libQtCore - Qt4 Models in this part of the specification. See also the generic specification.

## 7.2.3 Qt4 Internationalization

### 7.2.3.1 Class data for QTextCodec

The virtual table for the QTextCodec class is described in the generic part of this specification.

The Run Time Type Information for the QTextCodec class is described by [Table 7-6](#)

**Table 7-6 typeinfo for QTextCodec**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextCodec

### 7.2.3.2 Class data for QTextCodecFactoryInterface

The virtual table for the QTextCodecFactoryInterface class is described in the generic part of this specification.

The Run Time Type Information for the QTextCodecFactoryInterface class is described by [Table 7-7](#)

**Table 7-7 typeinfo for QTextCodecFactoryInterface**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextCodecFactoryInterface
basetype:	typeinfo for QFactoryInterface

### 7.2.3.3 Class data for QTranslator

The virtual table for the QTranslator class is described in the generic part of this specification.

The Run Time Type Information for the QTranslator class is described by [Table 7-8](#)

**Table 7-8 typeinfo for QTranslator**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTranslator
basetype:	typeinfo for QObject

### 7.2.3.4 Class data for QSystemLocale

The virtual table for the QSystemLocale class is described in the generic part of this specification.

### 7.2.3.5 Interfaces for Qt4 Internationalization

No external functions are defined for libQtCore - Qt4 Internationalization in this part of the specification. See also the generic specification.

## 7.2.4 Qt4 Containers

### 7.2.4.1 Class data for QMimeData

The virtual table for the QMimeData class is described in the generic part of this specification.

The Run Time Type Information for the QMimeData class is described by [Table 7-9](#)

**Table 7-9 typeinfo for QMimeData**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMimeData
basetype:	typeinfo for QObject

### 7.2.4.2 Interfaces for Qt4 Containers

No external functions are defined for libQtCore - Qt4 Containers in this part of the specification. See also the generic specification.

## 7.2.5 Qt4 Events

### 7.2.5.1 Class data for QEventLoop

The virtual table for the QEventLoop class is described in the generic part of this specification.

The Run Time Type Information for the QEventLoop class is described by [Table 7-10](#)

**Table 7-10 typeinfo for QEventLoop**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QEventLoop
basetype:	typeinfo for QObject

### 7.2.5.2 Class data for QEvent

The virtual table for the QEvent class is described in the generic part of this specification.

The Run Time Type Information for the QEvent class is described by [Table 7-11](#)

**Table 7-11 typeinfo for QEvent**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QEvent

### 7.2.5.3 Class data for QTimerEvent

The virtual table for the QTimerEvent class is described in the generic part of this specification.

The Run Time Type Information for the QTimerEvent class is described by [Table 7-12](#)

**Table 7-12 typeinfo for QTimerEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTimerEvent
basetype:	typeinfo for QEvent

### 7.2.5.4 Class data for QChildEvent

The virtual table for the QChildEvent class is described in the generic part of this specification.

The Run Time Type Information for the QChildEvent class is described by [Table 7-13](#)

**Table 7-13 typeinfo for QChildEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QChildEvent
basetype:	typeinfo for QEvent

### 7.2.5.5 Class data for QCustomEvent

The virtual table for the QCustomEvent class is described in the generic part of this specification.

The Run Time Type Information for the QCustomEvent class is described by [Table 7-14](#)

**Table 7-14 typeinfo for QCustomEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCustomEvent
basetype:	typeinfo for QEvent

### 7.2.5.6 Class data for QAbstractEventDispatcher

The virtual table for the QAbstractEventDispatcher class is described in the generic part of this specification.

The Run Time Type Information for the QAbstractEventDispatcher class is described by [Table 7-15](#)



**Table 7-15 typeinfo for QAbstractEventDispatcher**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractEventDispatcher
basetype:	typeinfo for QObject

### 7.2.5.7 Interfaces for Qt4 Events

No external functions are defined for libQtCore - Qt4 Events in this part of the specification. See also the generic specification.

## 7.2.6 Qt4 Arrays

### 7.2.6.1 Interfaces for Qt4 Arrays

No external functions are defined for libQtCore - Qt4 Arrays in this part of the specification. See also the generic specification.

## 7.2.7 Qt4 Plugins

### 7.2.7.1 Class data for QTextCodecPlugin

The virtual table for the QTextCodecPlugin class is described by [Table 7-16](#)

**Table 7-16 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&)

**Table 7-17 Secondary vtable for QTextCodecPlugin**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QTextCodecPlugin
vfunc[0]:	non-virtual thunk to QTextCodecPlugin::~~QTextCodecPlugin()
vfunc[1]:	non-virtual thunk to QTextCodecPlugin::~~QTextCodecPlugin()
vfunc[2]:	non-virtual thunk to QTextCodecPlugin::keys() const
vfunc[3]:	non-virtual thunk to QTextCodecPlugin::create(QString const&)

The Run Time Type Information for the QTextCodecPlugin class is described by [Table 7-18](#)

**Table 7-18 typeinfo for QTextCodecPlugin**

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	2
Name	typeinfo name for QTextCodecPlugin	
flags:	0	
basetype:	typeinfo for QObject	
basetype:	typeinfo for QTextCodecFactoryInterface	2050

### 7.2.7.2 Class data for QPluginLoader

The virtual table for the QPluginLoader class is described in the generic part of this specification.

The Run Time Type Information for the QPluginLoader class is described by [Table 7-19](#)

**Table 7-19 typeinfo for QPluginLoader**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPluginLoader
basetype:	typeinfo for QObject

### 7.2.7.3 Class data for QLibrary

The virtual table for the QLibrary class is described in the generic part of this specification.

The Run Time Type Information for the QLibrary class is described by [Table 7-20](#)

**Table 7-20 typeinfo for QLibrary**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QLibrary
basetype:	typeinfo for QObject

### 7.2.7.4 Interfaces for Qt4 Plugins

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Plugins specified in [Table 7-21](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-21 libQtCore - Qt4 Plugins Function Interfaces**

<code>_ZThn16_N16QTextCodecPluginD0Ev</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N16QTextCodecPluginD1Ev</code> <a href="#">[CXXABI-1.86]</a>
---	---

## 7.2.8 Qt4 Date and Time

### 7.2.8.1 Class data for QTimer

The virtual table for the QTimer class is described in the generic part of this specification.

The Run Time Type Information for the QTimer class is described by [Table 7-22](#)

**Table 7-22 typeinfo for QTimer**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QTimer
basetype:	typeinfo for QObject

### 7.2.8.2 Interfaces for Qt4 Date and Time

No external functions are defined for libQtCore - Qt4 Date and Time in this part of the specification. See also the generic specification.

## 7.2.9 Qt4 Miscellaneous

### 7.2.9.1 Class data for QFactoryInterface

The virtual table for the QFactoryInterface class is described in the generic part of this specification.

The Run Time Type Information for the QFactoryInterface class is described by [Table 7-23](#)

**Table 7-23 typeinfo for QFactoryInterface**

Base Vtable	vtable for <code>__cxxabiv1::__class_type_info</code>
Name	typeinfo name for QFactoryInterface

### 7.2.9.2 Interfaces for Qt4 Miscellaneous

No external functions are defined for libQtCore - Qt4 Miscellaneous in this part of the specification. See also the generic specification.

## 7.2.10 Qt4 Text

### 7.2.10.1 Interfaces for Qt4 Text

No external functions are defined for libQtCore - Qt4 Text in this part of the specification. See also the generic specification.

## 7.2.11 Qt4 Input/Output

### 7.2.11.1 Class data for QIODevice

The virtual table for the QIODevice class is described in the generic part of this specification.

The Run Time Type Information for the QIODevice class is described by [Table 7-24](#)

**Table 7-24 typeinfo for QIODevice**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIODevice
basetype:	typeinfo for QObject

### 7.2.11.2 Class data for QDataStream

The virtual table for the QDataStream class is described in the generic part of this specification.

The Run Time Type Information for the QDataStream class is described by [Table 7-25](#)

**Table 7-25 typeinfo for QDataStream**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QDataStream

### 7.2.11.3 Class data for QTextStream

The virtual table for the QTextStream class is described in the generic part of this specification.

The Run Time Type Information for the QTextStream class is described by [Table 7-26](#)

**Table 7-26 typeinfo for QTextStream**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextStream

### 7.2.11.4 Class data for QFile

The virtual table for the QFile class is described in the generic part of this specification.

The Run Time Type Information for the QFile class is described by [Table 7-27](#)

**Table 7-27 typeinfo for QFile**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFile
basetype:	typeinfo for QIODevice

### 7.2.11.5 Class data for QTemporaryFile

The virtual table for the QTemporaryFile class is described in the generic part of this specification.

The Run Time Type Information for the QTemporaryFile class is described by [Table 7-28](#)

**Table 7-28 typeinfo for QTemporaryFile**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTemporaryFile
basetype:	typeinfo for QFile

### 7.2.11.6 Class data for QAbstractFileEngine

The virtual table for the QAbstractFileEngine class is described in the generic part of this specification.

The Run Time Type Information for the QAbstractFileEngine class is described by [Table 7-29](#)

**Table 7-29 typeinfo for QAbstractFileEngine**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QAbstractFileEngine

### 7.2.11.7 Class data for QAbstractFileEngineHandler

The virtual table for the QAbstractFileEngineHandler class is described in the generic part of this specification.

The Run Time Type Information for the QAbstractFileEngineHandler class is described by [Table 7-30](#)

**Table 7-30 typeinfo for QAbstractFileEngineHandler**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QAbstractFileEngineHandler

### 7.2.11.8 Class data for QFSFileEngine

The virtual table for the QFSFileEngine class is described in the generic part of this specification.

The Run Time Type Information for the QFSFileEngine class is described by [Table 7-31](#)

**Table 7-31 typeinfo for QFSFileEngine**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFSFileEngine
basetype:	typeinfo for QAbstractFileEngine

### 7.2.11.9 Class data for QProcess

The virtual table for the QProcess class is described in the generic part of this specification.

The Run Time Type Information for the QProcess class is described by [Table 7-32](#)

**Table 7-32 typeinfo for QProcess**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QProcess
basetype:	typeinfo for QIODevice

**7.2.11.10 Class data for QBuffer**

The virtual table for the QBuffer class is described in the generic part of this specification.

The Run Time Type Information for the QBuffer class is described by [Table 7-33](#)

**Table 7-33 typeinfo for QBuffer**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QBuffer
basetype:	typeinfo for QIODevice

**7.2.11.11 Class data for QSettings**

The virtual table for the QSettings class is described in the generic part of this specification.

The Run Time Type Information for the QSettings class is described by [Table 7-34](#)

**Table 7-34 typeinfo for QSettings**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSettings
basetype:	typeinfo for QObject

**7.2.11.12 Class data for QSignalMapper**

The virtual table for the QSignalMapper class is described in the generic part of this specification.

The Run Time Type Information for the QSignalMapper class is described by [Table 7-35](#)

**Table 7-35 typeinfo for QSignalMapper**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSignalMapper
basetype:	typeinfo for QObject

**7.2.11.13 Class data for QSocketNotifier**

The virtual table for the QSocketNotifier class is described in the generic part of this specification.

The Run Time Type Information for the QSocketNotifier class is described by [Table 7-36](#)

**Table 7-36 typeinfo for QSocketNotifier**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSocketNotifier

basetype:	typeinfo for QObject
-----------	----------------------

#### 7.2.11.14 Class data for QFileSystemWatcher

The virtual table for the QFileSystemWatcher class is described in the generic part of this specification.

#### 7.2.11.15 Interfaces for Qt4 Input/Output

No external functions are defined for libQtCore - Qt4 Input/Output in this part of the specification. See also the generic specification.

### 7.2.12 Qt4 Core Application

#### 7.2.12.1 Class data for QCoreApplication

The virtual table for the QCoreApplication class is described in the generic part of this specification.

The Run Time Type Information for the QCoreApplication class is described by [Table 7-37](#)

**Table 7-37 typeinfo for QCoreApplication**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCoreApplication
basetype:	typeinfo for QObject

#### 7.2.12.2 Interfaces for Qt4 Core Application

No external functions are defined for libQtCore - Qt4 Core Application in this part of the specification. See also the generic specification.

### 7.2.13 Qt4 Object Model

#### 7.2.13.1 Class data for QObject

The virtual table for the QObject class is described in the generic part of this specification.

The Run Time Type Information for the QObject class is described by [Table 7-38](#)

**Table 7-38 typeinfo for QObject**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QObject

#### 7.2.13.2 Class data for QObjectUserData

The virtual table for the QObjectUserData class is described in the generic part of this specification.

The Run Time Type Information for the QObjectUserData class is described by [Table 7-39](#)

**Table 7-39 typeinfo for QObjectUserData**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QObjectUserData

### 7.2.13.3 Class data for QObjectCleanupHandler

The virtual table for the QObjectCleanupHandler class is described in the generic part of this specification.

The Run Time Type Information for the QObjectCleanupHandler class is described by [Table 7-40](#)

**Table 7-40 typeinfo for QObjectCleanupHandler**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QObjectCleanupHandler
basetype:	typeinfo for QObject

### 7.2.13.4 Interfaces for Qt4 Object Model

No external functions are defined for libQtCore - Qt4 Object Model in this part of the specification. See also the generic specification.

## 7.2.14 Qt4 Threading

### 7.2.14.1 Class data for QThread

The virtual table for the QThread class is described in the generic part of this specification.

The Run Time Type Information for the QThread class is described by [Table 7-41](#)

**Table 7-41 typeinfo for QThread**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QThread
basetype:	typeinfo for QObject

### 7.2.14.2 Interfaces for Qt4 Threading

No external functions are defined for libQtCore - Qt4 Threading in this part of the specification. See also the generic specification.

## 7.2.15 Qt4 2D Graphics

### 7.2.15.1 Interfaces for Qt4 2D Graphics

No external functions are defined for libQtCore - Qt4 2D Graphics in this part of the specification. See also the generic specification.

## 7.2.16 Qt4 Internals

### 7.2.16.1 Interfaces for Qt4 Internals

No external functions are defined for libQtCore - Qt4 Internals in this part of the specification. See also the generic specification.

## 7.3 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 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.

### 7.3.1 QtCore/qabstracteventdispatcher.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.2 QtCore/qabstractfileengine.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.3 QtCore/qabstractitemmodel.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.4 QtCore/qatomic.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.5 QtCore/qbasictimer.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.6 QtCore/qbitarray.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.7 QtCore/qbuffer.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.8 QtCore/qbytearray.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.9 QtCore/qbytearraymatcher.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.10 QtCore/qchar.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.11 QtCore/qcoreapplication.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.12 QtCore/qcoreevent.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.13 QtCore/qdatastream.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.14 QtCore/qdatetime.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

```
*/
```

### 7.3.15 QtCore/qdebug.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.16 QtCore/qdir.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.17 QtCore/qeventloop.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.18 QtCore/qfactoryinterface.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.19 QtCore/qfile.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.20 QtCore/qfileinfo.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.21 QtCore/qfsfileengine.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.22 QtCore/qglobal.h

```
/*
```

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### 7.3.23 QtCore/qhash.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.24 QtCore/qiodevice.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.25 QtCore/qlibrary.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.26 QtCore/qlibraryinfo.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.27 QtCore/qline.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.28 QtCore/qlinkedlist.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.29 QtCore/qlist.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.30 QtCore/qlocale.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.31 QtCore/qmap.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.32 QtCore/qmetaobject.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.33 QtCore/qmetatype.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.34 QtCore/qmimedata.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.35 QtCore/qmutex.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.36 QtCore/qnamespace.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.37 QtCore/qobject.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details
```

\*/

### 7.3.38 QtCore/qobjectcleanuphandler.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.39 QtCore/qobjectdefs.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.40 QtCore/qpair.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.41 QtCore/qplugin.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.42 QtCore/qpluginloader.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.43 QtCore/qpoint.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.44 QtCore/qprocess.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.45 QtCore/qreadwritelock.h

/\*

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### 7.3.46 QtCore/qrect.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.47 QtCore/qregexp.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.48 QtCore/qsemaphore.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.49 QtCore/qsettings.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.50 QtCore/qshareddata.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.51 QtCore/qsignalmapper.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.52 QtCore/qsize.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.53 QtCore/qsocketnotifier.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.54 QtCore/qstring.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.55 QtCore/qstringlist.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.56 QtCore/qstringmatcher.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.57 QtCore/qtemporaryfile.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.58 QtCore/qtextcodec.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.59 QtCore/qtextcodecplugin.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.3.60 QtCore/qtextstream.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```



```
*/
```

### 7.3.61 QtCore/qthread.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.62 QtCore/qthreadstorage.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.63 QtCore/qtimer.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.64 QtCore/qtranslator.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.65 QtCore/qurl.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.66 QtCore/quuid.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.67 QtCore/qvariant.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.3.68 QtCore/qvector.h

```
/*
```

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### 7.3.69 QtCore/qwaitcondition.h

```
/*
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

## 7.4 Interface Definitions for libQtCore

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

Other interfaces listed in [Section 7.2](#) shall behave as described in the referenced base document. For interfaces referencing LSB and not listed below, please see the generic part of the specification.

### **\_Z7qMallocm**

#### **Name**

qMalloc — allocate memory block

#### **Synopsis**

```
#include <QtCore/qglobal.h>
void * qMalloc (size_t size);
```

#### **Description**

The qMalloc() function has the same behavior as the malloc() function described in [POSIX 1003.1-2008 \(ISO/IEC 9945-2009\)](#).

### **\_Z7qMemSetPvim**

#### **Name**

qMemSet — fill memory with a constant byte

#### **Synopsis**

```
#include <QtCore/qglobal.h>
void * qMemSet (void *dest, int c, size_t n);
```

#### **Description**

The qMemSet() function has the same behavior as the memset() function described in [POSIX 1003.1-2008 \(ISO/IEC 9945-2009\)](#).

## **\_Z8qMemCopyPvPKvm**

### **Name**

qMemCopy — copy memory area

### **Synopsis**

```
#include <QtCore/qglobal.h>
void * qMemCopy (void *dest, const void *src, size_t n);
```

### **Description**

The qMemCopy() function has the same behavior as the memcpy() function described in [POSIX 1003.1-2008 \(ISO/IEC 9945-2009\)](#).

## **\_Z8qReallocPvm**

### **Name**

qRealloc — change the size of memory block

### **Synopsis**

```
#include <QtCore/qglobal.h>
void * qRealloc (void *ptr, size_t size);
```

### **Description**

The qRealloc() function has the same behavior as the realloc() function described in [POSIX 1003.1-2008 \(ISO/IEC 9945-2009\)](#).

## **7.5 Interfaces for libQtGui**

[Table 7-42](#) defines the library name and shared object name for the libQtGui library

**Table 7-42 libQtGui Definition**

Library:	libQtGui
SONAME:	libQtGui.so.4

The behavior of the interfaces in this library is specified by the following specifications:  
[CXXABI-1.86] [Itanium™ C++ ABI](#)

### **7.5.1 Qt4 GUI Functions**

#### **7.5.1.1 Interfaces for Qt4 GUI Functions**

An LSB conforming implementation shall provide the architecture specific functions for Qt4 GUI Functions specified in [Table 7-43](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-43 libQtGui - Qt4 GUI Functions Function Interfaces**

<a href="#">_ZThn16_N10QBoxLayout10invalidateEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_N10QBoxLayout11setGeometryERK5QRect [CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QGridLayout10invalidateEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QGridLayout11setGeometryERK5QRect [CXXABI-1.86]</a>
<a href="#">_ZThn16_N14QStackedLayout11setGeometryERK5QRect [CXXABI-1.86]</a>	<a href="#">_ZThn16_N20QPictureFormatPlugin11loadPictureERK7QString2_P8QPicture</a>

	<a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N20QPictureFormatPlugin1savePictureERK7QStringS2_RK8QPicture [CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QLayout10invalidateEv [CXXABI-1.86]</a>
<a href="#">_ZThn16_N7QLayout6layoutEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK10QBoxLayout11maximumSizeEv [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK10QBoxLayout11minimumSizeEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK10QBoxLayout14heightForWidthEi [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK10QBoxLayout17hasHeightForWidthEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK10QBoxLayout19expandingDirectionsEv [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK10QBoxLayout21minimumHeightForWidthEi [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK10QBoxLayout8sizeHintEv [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK11QGridLayout11maximumSizeEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK11QGridLayout11minimumSizeEv [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK11QGridLayout14heightForWidthEi [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK11QGridLayout17hasHeightForWidthEv [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK11QGridLayout19expandingDirectionsEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK11QGridLayout21minimumHeightForWidthEi [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK11QGridLayout8sizeHintEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK14QStackedLayout11minimumSizeEv [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK14QStackedLayout8sizeHintEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK7QLayout11maximumSizeEv [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK7QLayout11minimumSizeEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK7QLayout19expandingDirectionsEv [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK7QLayout7isEmptyEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK7QLayout8geometryEv [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK7QWidget11paintEngineEv [CXXABI-1.86]</a>	<a href="#">_ZThn16_NK7QWidget6metricEN12QPaintDevice17PaintDeviceMetricE [CXXABI-1.86]</a>
<a href="#">_ZThn16_NK7QWidget7devTypeEv [CXXABI-1.86]</a>	<a href="#">_ZThn24_NK10QDropEvent11encodedDataEPKc [CXXABI-1.86]</a>
<a href="#">_ZThn24_NK10QDropEvent6formatEi [CXXABI-1.86]</a>	<a href="#">_ZThn24_NK10QDropEvent8providesEPKc [CXXABI-1.86]</a>

## 7.5.2 Qt4 Organizers

### 7.5.2.1 Class data for QButtonGroup

The virtual table for the QButtonGroup class is described in the generic part of this specification.

The Run Time Type Information for the QButtonGroup class is described by [Table 7-44](#)

**Table 7-44 typeinfo for QButtonGroup**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QButtonGroup
basetype:	typeinfo for QObject

### 7.5.2.2 Class data for QGroupBox

The virtual table for the QGroupBox class is described by [Table 7-45](#)

**Table 7-45 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
vfunc[16]:	QWidget::heightForWidth(int) const
vfunc[17]:	QWidget::paintEngine() const
vfunc[18]:	QGroupBox::mousePressEvent(QMouse Event*)
vfunc[19]:	QGroupBox::mouseReleaseEvent(QMo useEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QM ouseEvent*)
vfunc[21]:	QGroupBox::mouseMoveEvent(QMous eEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QWidget::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent *)
vfunc[25]:	QGroupBox::focusInEvent(QFocusEven t*)
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*)
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()

**Table 7-46 Secondary vtable for QGroupBox**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QGroupBox
vfunc[0]:	non-virtual thunk to QGroupBox::~~QGroupBox()
vfunc[1]:	non-virtual thunk to QGroupBox::~~QGroupBox()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QGroupBox class is described by [Table 7-47](#)

**Table 7-47 typeinfo for QGroupBox**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGroupBox
basetype:	typeinfo for QWidget

### 7.5.2.3 Class data for QSplitter

The virtual table for the QSplitter class is described by [Table 7-48](#)

**Table 7-48 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*)
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(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]:	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()

**Table 7-49 Secondary vtable for QSplitter**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QSplitter
vfunc[0]:	non-virtual thunk to QSplitter::~~QSplitter()



vfunc[1]:	non-virtual thunk to QSplitter::~QSplitter()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QSplitter class is described by [Table 7-50](#)

**Table 7-50 typeinfo for QSplitter**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSplitter
basetype:	typeinfo for QFrame

#### 7.5.2.4 Class data for QSplitterHandle

The virtual table for the QSplitterHandle class is described by [Table 7-51](#)

**Table 7-51 Primary vtable for QSplitterHandle**

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QSplitterHandle
vfunc[0]:	QSplitterHandle::metaObject() const
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(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(bo ol)
vfunc[53]:	QWidget::languageChange()

**Table 7-52 Secondary vtable for QSplitterHandle**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QSplitterHandle
vfunc[0]:	NULL or non-virtual thunk to QSplitterHandle::~~QSplitterHandle()
vfunc[1]:	NULL or non-virtual thunk to QSplitterHandle::~~QSplitterHandle()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintD eviceMetric) const

The Run Time Type Information for the QSplitterHandle class is described by [Table 7-53](#)

**Table 7-53 typeinfo for QSplitterHandle**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSplitterHandle
basetype:	typeinfo for QWidget

### 7.5.2.5 Interfaces for Qt4 Organizers

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Organizers specified in [Table 7-54](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-54 libQtGui - Qt4 Organizers Function Interfaces**

_ZThn16_N9QGroupBoxD0Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N9QGroupBoxD1Ev <a href="#">[CXXABI-1.86]</a>
_ZThn16_N9QSplitterD0Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N9QSplitterD1Ev <a href="#">[CXXABI-1.86]</a>

## 7.5.3 Qt4 Events

### 7.5.3.1 Class data for QInputEvent

The virtual table for the QInputEvent class is described in the generic part of this specification.

The Run Time Type Information for the QInputEvent class is described by [Table 7-55](#)

**Table 7-55 typeinfo for QInputEvent**

Base Vtable	vtable for
-------------	------------

	<code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for <code>QInputEvent</code>
basetype:	typeinfo for <code>QEvent</code>

### 7.5.3.2 Class data for `QMouseEvent`

The virtual table for the `QMouseEvent` class is described in the generic part of this specification.

The Run Time Type Information for the `QMouseEvent` class is described by [Table 7-56](#)

**Table 7-56 typeinfo for `QMouseEvent`**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for <code>QMouseEvent</code>
basetype:	typeinfo for <code>QInputEvent</code>

### 7.5.3.3 Class data for `QHoverEvent`

The virtual table for the `QHoverEvent` class is described in the generic part of this specification.

The Run Time Type Information for the `QHoverEvent` class is described by [Table 7-57](#)

**Table 7-57 typeinfo for `QHoverEvent`**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for <code>QHoverEvent</code>
basetype:	typeinfo for <code>QEvent</code>

### 7.5.3.4 Class data for `QWheelEvent`

The virtual table for the `QWheelEvent` class is described in the generic part of this specification.

The Run Time Type Information for the `QWheelEvent` class is described by [Table 7-58](#)

**Table 7-58 typeinfo for `QWheelEvent`**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for <code>QWheelEvent</code>
basetype:	typeinfo for <code>QInputEvent</code>

### 7.5.3.5 Class data for `QTabletEvent`

The virtual table for the `QTabletEvent` class is described in the generic part of this specification.

The Run Time Type Information for the `QTabletEvent` class is described by [Table 7-59](#)

**Table 7-59 typeinfo for `QTabletEvent`**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for <code>QTabletEvent</code>
basetype:	typeinfo for <code>QInputEvent</code>

### 7.5.3.6 Class data for QKeyEvent

The virtual table for the QKeyEvent class is described in the generic part of this specification.

The Run Time Type Information for the QKeyEvent class is described by [Table 7-60](#)

**Table 7-60 typeinfo for QKeyEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QKeyEvent
basetype:	typeinfo for QInputEvent

### 7.5.3.7 Class data for QFocusEvent

The virtual table for the QFocusEvent class is described in the generic part of this specification.

The Run Time Type Information for the QFocusEvent class is described by [Table 7-61](#)

**Table 7-61 typeinfo for QFocusEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFocusEvent
basetype:	typeinfo for QEvent

### 7.5.3.8 Class data for QPaintEvent

The virtual table for the QPaintEvent class is described in the generic part of this specification.

The Run Time Type Information for the QPaintEvent class is described by [Table 7-62](#)

**Table 7-62 typeinfo for QPaintEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPaintEvent
basetype:	typeinfo for QEvent

### 7.5.3.9 Class data for QMoveEvent

The virtual table for the QMoveEvent class is described in the generic part of this specification.

The Run Time Type Information for the QMoveEvent class is described by [Table 7-63](#)

**Table 7-63 typeinfo for QMoveEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMoveEvent
basetype:	typeinfo for QEvent

### 7.5.3.10 Class data for QResizeEvent

The virtual table for the QResizeEvent class is described in the generic part of this specification.

The Run Time Type Information for the QResizeEvent class is described by [Table 7-64](#)

**Table 7-64 typeinfo for QResizeEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QResizeEvent
basetype:	typeinfo for QEvent

**7.5.3.11 Class data for QCloseEvent**

The virtual table for the QCloseEvent class is described in the generic part of this specification.

The Run Time Type Information for the QCloseEvent class is described by [Table 7-65](#)

**Table 7-65 typeinfo for QCloseEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCloseEvent
basetype:	typeinfo for QEvent

**7.5.3.12 Class data for QIconDragEvent**

The virtual table for the QIconDragEvent class is described in the generic part of this specification.

The Run Time Type Information for the QIconDragEvent class is described by [Table 7-66](#)

**Table 7-66 typeinfo for QIconDragEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIconDragEvent
basetype:	typeinfo for QEvent

**7.5.3.13 Class data for QShowEvent**

The virtual table for the QShowEvent class is described in the generic part of this specification.

The Run Time Type Information for the QShowEvent class is described by [Table 7-67](#)

**Table 7-67 typeinfo for QShowEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QShowEvent
basetype:	typeinfo for QEvent

**7.5.3.14 Class data for QHideEvent**

The virtual table for the QHideEvent class is described in the generic part of this specification.

The Run Time Type Information for the QHideEvent class is described by [Table 7-68](#)

**Table 7-68 typeinfo for QHideEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHideEvent
basetype:	typeinfo for QEvent

### 7.5.3.15 Class data for QContextMenuEvent

The virtual table for the QContextMenuEvent class is described in the generic part of this specification.

The Run Time Type Information for the QContextMenuEvent class is described by [Table 7-69](#)

**Table 7-69 typeinfo for QContextMenuEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QContextMenuEvent
basetype:	typeinfo for QInputEvent

### 7.5.3.16 Class data for QInputMethodEvent

The virtual table for the QInputMethodEvent class is described in the generic part of this specification.

The Run Time Type Information for the QInputMethodEvent class is described by [Table 7-70](#)

**Table 7-70 typeinfo for QInputMethodEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QInputMethodEvent
basetype:	typeinfo for QEvent

### 7.5.3.17 Class data for QHelpEvent

The virtual table for the QHelpEvent class is described in the generic part of this specification.

The Run Time Type Information for the QHelpEvent class is described by [Table 7-71](#)

**Table 7-71 typeinfo for QHelpEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHelpEvent
basetype:	typeinfo for QEvent

### 7.5.3.18 Class data for QStatusTipEvent

The virtual table for the QStatusTipEvent class is described in the generic part of this specification.

The Run Time Type Information for the QStatusTipEvent class is described by [Table 7-72](#)

**Table 7-72 typeinfo for QStatusTipEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStatusTipEvent
basetype:	typeinfo for QEvent

### 7.5.3.19 Class data for QWhatsThisClickedEvent

The virtual table for the QWhatsThisClickedEvent class is described in the generic part of this specification.

The Run Time Type Information for the `QWhatsThisClickedEvent` class is described by [Table 7-73](#)

**Table 7-73 typeinfo for `QWhatsThisClickedEvent`**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for <code>QWhatsThisClickedEvent</code>
basetype:	typeinfo for <code>QEvent</code>

### 7.5.3.20 Class data for `QActionEvent`

The virtual table for the `QActionEvent` class is described in the generic part of this specification.

The Run Time Type Information for the `QActionEvent` class is described by [Table 7-74](#)

**Table 7-74 typeinfo for `QActionEvent`**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for <code>QActionEvent</code>
basetype:	typeinfo for <code>QEvent</code>

### 7.5.3.21 Class data for `QFileOpenEvent`

The virtual table for the `QFileOpenEvent` class is described in the generic part of this specification.

The Run Time Type Information for the `QFileOpenEvent` class is described by [Table 7-75](#)

**Table 7-75 typeinfo for `QFileOpenEvent`**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for <code>QFileOpenEvent</code>
basetype:	typeinfo for <code>QEvent</code>

### 7.5.3.22 Class data for `QToolBarChangeEvent`

The virtual table for the `QToolBarChangeEvent` class is described in the generic part of this specification.

The Run Time Type Information for the `QToolBarChangeEvent` class is described by [Table 7-76](#)

**Table 7-76 typeinfo for `QToolBarChangeEvent`**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for <code>QToolBarChangeEvent</code>
basetype:	typeinfo for <code>QEvent</code>

### 7.5.3.23 Class data for `QShortcutEvent`

The virtual table for the `QShortcutEvent` class is described in the generic part of this specification.

The Run Time Type Information for the `QShortcutEvent` class is described by [Table 7-77](#)



**Table 7-77 typeinfo for QShortcutEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QShortcutEvent
basetype:	typeinfo for QEvent

**7.5.3.24 Class data for QClipboardEvent**

The virtual table for the QClipboardEvent class is described in the generic part of this specification.

The Run Time Type Information for the QClipboardEvent class is described by [Table 7-78](#)

**Table 7-78 typeinfo for QClipboardEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QClipboardEvent
basetype:	typeinfo for QEvent

**7.5.3.25 Class data for QWindowStateChangeEvent**

The virtual table for the QWindowStateChangeEvent class is described in the generic part of this specification.

The Run Time Type Information for the QWindowStateChangeEvent class is described by [Table 7-79](#)

**Table 7-79 typeinfo for QWindowStateChangeEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWindowStateChangeEvent
basetype:	typeinfo for QEvent

**7.5.3.26 Class data for QMenuBarUpdatedEvent**

The virtual table for the QMenuBarUpdatedEvent class is described in the generic part of this specification.

The Run Time Type Information for the QMenuBarUpdatedEvent class is described by [Table 7-80](#)

**Table 7-80 typeinfo for QMenuBarUpdatedEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMenuBarUpdatedEvent
basetype:	typeinfo for QEvent

**7.5.3.27 Interfaces for Qt4 Events**

No external functions are defined for libQtGui - Qt4 Events in this part of the specification. See also the generic specification.

## 7.5.4 Qt4 Fonts

### 7.5.4.1 Interfaces for Qt4 Fonts

No external functions are defined for QtGui - Qt4 Fonts in this part of the specification. See also the generic specification.

## 7.5.5 Qt4 Colors

### 7.5.5.1 Interfaces for Qt4 Colors

No external functions are defined for QtGui - Qt4 Colors in this part of the specification. See also the generic specification.

## 7.5.6 Qt4 Accessibility

### 7.5.6.1 Class data for QAccessibleBridgeFactoryInterface

The virtual table for the QAccessibleBridgeFactoryInterface class is described in the generic part of this specification.

The Run Time Type Information for the QAccessibleBridgeFactoryInterface class is described by [Table 7-81](#)

**Table 7-81 typeinfo for QAccessibleBridgeFactoryInterface**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAccessibleBridgeFactoryInterface
basetype:	typeinfo for QFactoryInterface

### 7.5.6.2 Class data for QAccessibleBridgePlugin

The virtual table for the QAccessibleBridgePlugin class is described by [Table 7-82](#)

**Table 7-82 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::~QAccessibleB ridgePlugin()
vfunc[4]:	QAccessibleBridgePlugin::~QAccessibleB ridgePlugin()
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

**Table 7-83 Secondary vtable for QAccessibleBridgePlugin**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QAccessibleBridgePlugin
vfunc[0]:	non-virtual thunk to QAccessibleBridgePlugin::~~QAccessibleBridgePlugin()
vfunc[1]:	non-virtual thunk to QAccessibleBridgePlugin::~~QAccessibleBridgePlugin()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QAccessibleBridgePlugin class is described by [Table 7-84](#)

**Table 7-84 typeinfo for QAccessibleBridgePlugin**

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	2
Name	typeinfo name for QAccessibleBridgePlugin	
flags:	0	
basetype:	typeinfo for QObject	
basetype:	typeinfo for QAccessibleBridgeFactoryInterface	2050

### 7.5.6.3 Class data for QAccessibleInterface

The virtual table for the QAccessibleInterface class is described in the generic part of this specification.

The Run Time Type Information for the QAccessibleInterface class is described by [Table 7-85](#)

**Table 7-85 typeinfo for QAccessibleInterface**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAccessibleInterface
basetype:	typeinfo for QAccessible

### 7.5.6.4 Class data for QAccessibleObject

The virtual table for the QAccessibleObject class is described in the generic part of this specification.

The Run Time Type Information for the QAccessibleObject class is described by [Table 7-86](#)

**Table 7-86 typeinfo for QAccessibleObject**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAccessibleObject
basetype:	typeinfo for QAccessibleInterface

#### 7.5.6.5 Class data for QAccessibleApplication

The virtual table for the QAccessibleApplication class is described in the generic part of this specification.

The Run Time Type Information for the QAccessibleApplication class is described by [Table 7-87](#)

**Table 7-87 typeinfo for QAccessibleApplication**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAccessibleApplication
basetype:	typeinfo for QAccessibleObject

#### 7.5.6.6 Class data for QAccessibleWidget

The virtual table for the QAccessibleWidget class is described in the generic part of this specification.

The Run Time Type Information for the QAccessibleWidget class is described by [Table 7-88](#)

**Table 7-88 typeinfo for QAccessibleWidget**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAccessibleWidget
basetype:	typeinfo for QAccessibleObject

#### 7.5.6.7 Class data for QAccessibleFactoryInterface

The virtual table for the QAccessibleFactoryInterface class is described in the generic part of this specification.

The Run Time Type Information for the QAccessibleFactoryInterface class is described by [Table 7-89](#)

**Table 7-89 typeinfo for QAccessibleFactoryInterface**

Base Vtable	vtable for __cxxabiv1::__vmi_class _type_info	
Name	typeinfo name for QAccessibleFactoryInterface	
flags:	0	
basetype:	typeinfo for QAccessible	
basetype:	typeinfo for QFactoryInterface	

### 7.5.6.8 Class data for QAccessiblePlugin

The virtual table for the QAccessiblePlugin class is described by [Table 7-90](#)

**Table 7-90 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

**Table 7-91 Secondary vtable for QAccessiblePlugin**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QAccessiblePlugin
vfunc[0]:	non-virtual thunk to QAccessiblePlugin::~QAccessiblePlugin()
vfunc[1]:	non-virtual thunk to QAccessiblePlugin::~QAccessiblePlugin()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QAccessiblePlugin class is described by [Table 7-92](#)

**Table 7-92 typeinfo for QAccessiblePlugin**

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	
Name	typeinfo name for QAccessiblePlugin	

flags:	0	2 2050
basetype:	typeinfo for QObject	
basetype:	typeinfo for QAccessibleFactoryInterface	

### 7.5.6.9 Interfaces for Qt4 Accessibility

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Accessibility specified in [Table 7-93](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-93 libQtGui - Qt4 Accessibility Function Interfaces**

<a href="#">_ZThn16_N17QAccessiblePluginD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QAccessiblePluginD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N23QAccessibleBridgePluginD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N23QAccessibleBridgePluginD1Ev [CXXABI-1.86]</a>

## 7.5.7 Qt4 Validators

### 7.5.7.1 Class data for QValidator

The virtual table for the QValidator class is described in the generic part of this specification.

The Run Time Type Information for the QValidator class is described by [Table 7-94](#)

**Table 7-94 typeinfo for QValidator**

Base Vtable	vtable for <a href="#">__cxxabiv1::__si_class_type_info</a>
Name	typeinfo name for QValidator
basetype:	typeinfo for QObject

### 7.5.7.2 Class data for QIntValidator

The virtual table for the QIntValidator class is described in the generic part of this specification.

The Run Time Type Information for the QIntValidator class is described by [Table 7-95](#)

**Table 7-95 typeinfo for QIntValidator**

Base Vtable	vtable for <a href="#">__cxxabiv1::__si_class_type_info</a>
Name	typeinfo name for QIntValidator
basetype:	typeinfo for QValidator

### 7.5.7.3 Class data for QDoubleValidator

The virtual table for the QDoubleValidator class is described in the generic part of this specification.

The Run Time Type Information for the QDoubleValidator class is described by [Table 7-96](#)

**Table 7-96 typeinfo for QDoubleValidator**

Base Vtable	vtable for <a href="#">__cxxabiv1::__si_class_type_info</a>
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Name	typeinfo name for QDoubleValidator
basetype:	typeinfo for QValidator

#### 7.5.7.4 Class data for QRegExpValidator

The virtual table for the QRegExpValidator class is described in the generic part of this specification.

The Run Time Type Information for the QRegExpValidator class is described by [Table 7-97](#)

**Table 7-97 typeinfo for QRegExpValidator**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QRegExpValidator
basetype:	typeinfo for QValidator

#### 7.5.7.5 Interfaces for Qt4 Validators

No external functions are defined for libQtGui - Qt4 Validators in this part of the specification. See also the generic specification.

### 7.5.8 Qt4 Plugins

#### 7.5.8.1 Class data for QImageIOPlugin

The virtual table for the QImageIOPlugin class is described by [Table 7-98](#)

**Table 7-98 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

**Table 7-99 Secondary vtable for QImageIOPlugin**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QImageIOPlugin
vfunc[0]:	non-virtual thunk to QImageIOPlugin::~QImageIOPlugin()
vfunc[1]:	non-virtual thunk to QImageIOPlugin::~QImageIOPlugin()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QImageIOPlugin class is described by [Table 7-100](#)

**Table 7-100 typeinfo for QImageIOPlugin**

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	2
Name	typeinfo name for QImageIOPlugin	
flags:	0	
basetype:	typeinfo for QObject	
basetype:	typeinfo for QImageIOHandlerFactory Interface	2050

### 7.5.8.2 Class data for QIconEnginePlugin

The virtual table for the QIconEnginePlugin class is described by [Table 7-101](#)

**Table 7-101 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

**Table 7-102 Secondary vtable for QIconEnginePlugin**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QIconEnginePlugin
vfunc[0]:	non-virtual thunk to QIconEnginePlugin::~~QIconEnginePlugin()
vfunc[1]:	non-virtual thunk to QIconEnginePlugin::~~QIconEnginePlugin()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QIconEnginePlugin class is described by [Table 7-103](#)

**Table 7-103 typeinfo for QIconEnginePlugin**

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	2
Name	typeinfo name for QIconEnginePlugin	
flags:	0	
basetype:	typeinfo for QObject	
basetype:	typeinfo for QIconEngineFactoryInterface	2050

### 7.5.8.3 Class data for QPictureFormatPlugin

The virtual table for the QPictureFormatPlugin class is described by [Table 7-104](#)

**Table 7-104 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

**Table 7-105 Secondary vtable for QPictureFormatPlugin**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QPictureFormatPlugin
vfunc[0]:	non-virtual thunk to QPictureFormatPlugin::~~QPictureFormatPlugin()
vfunc[1]:	non-virtual thunk to QPictureFormatPlugin::~~QPictureFormatPlugin()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	non-virtual thunk to QPictureFormatPlugin::loadPicture(QString const&, QString const&, QPicture*)
vfunc[4]:	non-virtual thunk to QPictureFormatPlugin::savePicture(QString const&, QString const&, QPicture const&)
vfunc[5]:	__cxa_pure_virtual

The Run Time Type Information for the QPictureFormatPlugin class is described by [Table 7-106](#)

**Table 7-106 typeinfo for QPictureFormatPlugin**

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	2
Name	typeinfo name for QPictureFormatPlugin	
flags:	0	
basetype:	typeinfo for QObject	
basetype:	typeinfo for QPictureFormatInterface	2050

### 7.5.8.4 Class data for QStylePlugin

The virtual table for the QStylePlugin class is described by [Table 7-107](#)

**Table 7-107 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

**Table 7-108 Secondary vtable for QStylePlugin**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QStylePlugin
vfunc[0]:	non-virtual thunk to QStylePlugin::~QStylePlugin()
vfunc[1]:	non-virtual thunk to QStylePlugin::~QStylePlugin()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QStylePlugin class is described by [Table 7-109](#)

**Table 7-109 typeinfo for QStylePlugin**

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	2 2050
Name	typeinfo name for QStylePlugin	
flags:	0	
basetype:	typeinfo for QObject	
basetype:	typeinfo for QStyleFactoryInterface	

### 7.5.8.5 Class data for QInputContextPlugin

The virtual table for the QInputContextPlugin class is described by [Table 7-110](#)

**Table 7-110 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(QMe taObject::Call, int, void**)
vfunc[3]:	QInputContextPlugin::~~QInputContextP lugin()
vfunc[4]:	QInputContextPlugin::~~QInputContextP lugin()
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

**Table 7-111 Secondary vtable for QInputContextPlugin**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QInputContextPlugin
vfunc[0]:	non-virtual thunk to QInputContextPlugin::~~QInputContextP lugin()
vfunc[1]:	non-virtual thunk to QInputContextPlugin::~~QInputContextP lugin()
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 QInputContextPlugin class is described by

[Table 7-112](#)**Table 7-112 typeinfo for QInputContextPlugin**

Base Vtable	vtable for __cxxabiv1::__vmi_class _type_info	2
Name	typeinfo name for QInputContextPlugin	
flags:	0	
basetype:	typeinfo for QObject	
basetype:	typeinfo for QInputContextFactoryInt erface	2050

### 7.5.8.6 Interfaces for Qt4 Plugins

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Plugins specified in [Table 7-113](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-113 libQtGui - Qt4 Plugins Function Interfaces**

<a href="#">_ZThn16_N12QStylePluginD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N12QStylePluginD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N14QImageIOPluginD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N14QImageIOPluginD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N17QIconEnginePluginD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QIconEnginePluginD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N19QInputContextPluginD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N19QInputContextPluginD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N20QPictureFormatPluginD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N20QPictureFormatPluginD1Ev</a> <a href="#">[CXXABI-1.86]</a>

## 7.5.9 Qt4 Models and Views

### 7.5.9.1 Class data for QAbstractTextDocumentLayout

The virtual table for the QAbstractTextDocumentLayout class is described in the generic part of this specification.

The Run Time Type Information for the QAbstractTextDocumentLayout class is described by [Table 7-114](#)

**Table 7-114 typeinfo for QAbstractTextDocumentLayout**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractTextDocumentLayout
basetype:	typeinfo for QObject

### 7.5.9.2 Class data for QAbstractPageSetupDialog

The virtual table for the QAbstractPageSetupDialog class is described by [Table 7-115](#)

**Table 7-115 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*)
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

**Table 7-116 Secondary vtable for QAbstractPageSetupDialog**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QAbstractPageSetupDialog
vfunc[0]:	NULL or non-virtual thunk to QAbstractPageSetupDialog::~QAbstractPageSetupDialog()
vfunc[1]:	NULL or non-virtual thunk to QAbstractPageSetupDialog::~QAbstractPageSetupDialog()
vfunc[2]:	non-virtual thunk to

	QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QAbstractPageSetupDialog class is described by [Table 7-117](#)

**Table 7-117 typeinfo for QAbstractPageSetupDialog**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractPageSetupDialog
basetype:	typeinfo for QDialog

### 7.5.9.3 Class data for QAbstractPrintDialog

The virtual table for the QAbstractPrintDialog class is described by [Table 7-118](#)

**Table 7-118 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(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(bo ol)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QDialog::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()
vfunc[57]:	__cxa_pure_virtual

**Table 7-119 Secondary vtable for QAbstractPrintDialog**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QAbstractPrintDialog
vfunc[0]:	NULL or non-virtual thunk to QAbstractPrintDialog::~QAbstractPrint Dialog()
vfunc[1]:	NULL or non-virtual thunk to QAbstractPrintDialog::~QAbstractPrint Dialog()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintD eviceMetric) const

The Run Time Type Information for the QAbstractPrintDialog class is described by [Table 7-120](#)

**Table 7-120 typeinfo for QAbstractPrintDialog**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractPrintDialog
basetype:	typeinfo for QDialog

#### 7.5.9.4 Class data for QItemSelectionModel

The virtual table for the QItemSelectionModel class is described in the generic part of this specification.

The Run Time Type Information for the QItemSelectionModel class is described by [Table 7-121](#)

**Table 7-121 typeinfo for QItemSelectionModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QItemSelectionModel
basetype:	typeinfo for QObject

#### 7.5.9.5 Class data for QAbstractScrollArea

The virtual table for the QAbstractScrollArea class is described by [Table 7-122](#)

**Table 7-122 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(QMet aObject::Call, int, void**)
vfunc[3]:	QAbstractScrollArea::~~QAbstractScroll Area()
vfunc[4]:	QAbstractScrollArea::~~QAbstractScroll Area()
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::mouseReleaseEve nt(QMouseEvent*)
vfunc[20]:	QAbstractScrollArea::mouseDoubleClic kEvent(QMouseEvent*)
vfunc[21]:	QAbstractScrollArea::mouseMoveEvent (QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWh eelEvent*)
vfunc[23]:	QAbstractScrollArea::keyPressEvent(Q KeyEvent*)
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(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]:	QAbstractScrollArea::viewportEvent(QEvent*)
vfunc[55]:	QAbstractScrollArea::scrollContentsBy(int, int)

**Table 7-123 Secondary vtable for QAbstractScrollArea**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QAbstractScrollArea

vfunc[0]:	non-virtual thunk to QAbstractScrollArea::~~QAbstractScrollArea()
vfunc[1]:	non-virtual thunk to QAbstractScrollArea::~~QAbstractScrollArea()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QAbstractScrollArea class is described by [Table 7-124](#)

**Table 7-124 typeinfo for QAbstractScrollArea**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractScrollArea
basetype:	typeinfo for QFrame

#### 7.5.9.6 Class data for QAbstractSpinBox

The virtual table for the QAbstractSpinBox class is described by [Table 7-125](#)

**Table 7-125 Primary vtable for QAbstractSpinBox**

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QAbstractSpinBox
vfunc[0]:	QAbstractSpinBox::metaObject() const
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()
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

**Table 7-126 Secondary vtable for QAbstractSpinBox**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QAbstractSpinBox
vfunc[0]:	non-virtual thunk to QAbstractSpinBox::~QAbstractSpinBox()
vfunc[1]:	non-virtual thunk to QAbstractSpinBox::~QAbstractSpinBox()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QAbstractSpinBox class is described by [Table 7-127](#)

**Table 7-127 typeinfo for QAbstractSpinBox**

Base Vtable	vtable for
-------------	------------

	__cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractSpinBox
basetype:	typeinfo for QWidget

### 7.5.9.7 Class data for QAbstractSlider

The virtual table for the QAbstractSlider class is described by [Table 7-128](#)

**Table 7-128 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(QMetaObject::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(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]:	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*)
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)

**Table 7-129 Secondary vtable for QAbstractSlider**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QAbstractSlider
vfunc[0]:	non-virtual thunk to

	QAbstractSlider::~~QAbstractSlider()
vfunc[1]:	non-virtual thunk to QAbstractSlider::~~QAbstractSlider()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintD eviceMetric) const

The Run Time Type Information for the QAbstractSlider class is described by [Table 7-130](#)

**Table 7-130 typeinfo for QAbstractSlider**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractSlider
basetype:	typeinfo for QWidget

#### 7.5.9.8 Class data for QAbstractItemDelegate

The virtual table for the QAbstractItemDelegate class is described in the generic part of this specification.

The Run Time Type Information for the QAbstractItemDelegate class is described by [Table 7-131](#)

**Table 7-131 typeinfo for QAbstractItemDelegate**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractItemDelegate
basetype:	typeinfo for QObject

#### 7.5.9.9 Class data for QAbstractItemView

The virtual table for the QAbstractItemView class is described by [Table 7-132](#)

**Table 7-132 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(QMeta Object::Call, int, void**)
vfunc[3]:	QAbstractItemView::~~QAbstractItemVi ew()
vfunc[4]:	QAbstractItemView::~~QAbstractItemVi ew()
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&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractItemView::viewportEvent(QEvent*)
vfunc[55]:	QAbstractScrollArea::scrollContentsBy(int, int)
vfunc[56]:	QAbstractItemView::setModel(QAbstractItemModel*)
vfunc[57]:	QAbstractItemView::setSelectionModel(QItemSelectionModel*)
vfunc[58]:	QAbstractItemView::keyboardSearch(QString const&)
vfunc[59]:	__cxa_pure_virtual
vfunc[60]:	__cxa_pure_virtual
vfunc[61]:	__cxa_pure_virtual
vfunc[62]:	QAbstractItemView::sizeHintForRow(int) const
vfunc[63]:	QAbstractItemView::sizeHintForColumn(int) const
vfunc[64]:	QAbstractItemView::reset()
vfunc[65]:	QAbstractItemView::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]:	QAbstractItemView::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]:	__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
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**Table 7-133 Secondary vtable for QAbstractItemView**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QAbstractItemView
vfunc[0]:	non-virtual thunk to QAbstractItemView::~~QAbstractItemView()
vfunc[1]:	non-virtual thunk to QAbstractItemView::~~QAbstractItemView()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QAbstractItemView class is described by [Table 7-134](#)

**Table 7-134 typeinfo for QAbstractItemView**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractItemView
basetype:	typeinfo for QAbstractScrollArea

#### 7.5.9.10 Class data for QStringListModel

The virtual table for the QStringListModel class is described in the generic part of this specification.

The Run Time Type Information for the QStringListModel class is described by [Table 7-135](#)

**Table 7-135 typeinfo for QStringListModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStringListModel
basetype:	typeinfo for QAbstractListModel

#### 7.5.9.11 Class data for QDirModel

The virtual table for the QDirModel class is described in the generic part of this specification.

The Run Time Type Information for the QDirModel class is described by [Table 7-136](#)

**Table 7-136 typeinfo for QDirModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDirModel

basetype:	typeinfo for QAbstractItemModel
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#### 7.5.9.12 Class data for QStandardItemModel

The virtual table for the QStandardItemModel class is described in the generic part of this specification.

The Run Time Type Information for the QStandardItemModel class is described by [Table 7-137](#)

**Table 7-137 typeinfo for QStandardItemModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStandardItemModel
basetype:	typeinfo for QAbstractItemModel

#### 7.5.9.13 Class data for QAbstractProxyModel

The virtual table for the QAbstractProxyModel class is described in the generic part of this specification.

The Run Time Type Information for the QAbstractProxyModel class is described by [Table 7-138](#)

**Table 7-138 typeinfo for QAbstractProxyModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractProxyModel
basetype:	typeinfo for QAbstractItemModel

#### 7.5.9.14 Class data for QSortFilterProxyModel

The virtual table for the QSortFilterProxyModel class is described in the generic part of this specification.

The Run Time Type Information for the QSortFilterProxyModel class is described by [Table 7-139](#)

**Table 7-139 typeinfo for QSortFilterProxyModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSortFilterProxyModel
basetype:	typeinfo for QAbstractProxyModel

#### 7.5.9.15 Class data for QItemDelegate

The virtual table for the QItemDelegate class is described in the generic part of this specification.

The Run Time Type Information for the QItemDelegate class is described by [Table 7-140](#)

**Table 7-140 typeinfo for QItemDelegate**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QItemDelegate

basetype:	typeinfo for QAbstractItemDelegate
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### 7.5.9.16 Class data for QTableView

The virtual table for the QTableView class is described by [Table 7-141](#)

**Table 7-141 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::mouseReleaseEven t(QMouseEvent*)
vfunc[20]:	QAbstractItemView::mouseDoubleClick Event(QMouseEvent*)
vfunc[21]:	QAbstractItemView::mouseMoveEvent( QMouseEvent*)
vfunc[22]:	QAbstractScrollArea::wheelEvent(QWh eelEvent*)
vfunc[23]:	QAbstractItemView::keyPressEvent(QK eyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent *)
vfunc[25]:	QAbstractItemView::focusInEvent(QFo cusEvent*)



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::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(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::MoveCursorAction)

	mView::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

**Table 7-142 Secondary vtable for QTableView**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QTableView
vfunc[0]:	non-virtual thunk to QTableView::~~QTableView()
vfunc[1]:	non-virtual thunk to QTableView::~~QTableView()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QTableView class is described by [Table 7-143](#)

**Table 7-143 typeinfo for QTableView**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTableView
basetype:	typeinfo for QAbstractItemView

### 7.5.9.17 Class data for QTableWidgetItem

The virtual table for the QTableWidgetItem class is described in the generic part of this

specification.

The Run Time Type Information for the QTableWidgetItem class is described by [Table 7-144](#)

**Table 7-144 typeinfo for QTableWidgetItem**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTableWidgetItem

### 7.5.9.18 Class data for QTableWidgetItem

The virtual table for the QTableWidgetItem class is described by [Table 7-145](#)

**Table 7-145 Primary vtable for QTableWidgetItem**

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTableWidgetItem
vfunc[0]:	QTableWidgetItem::metaObject() const
vfunc[1]:	QTableWidgetItem::qt_metacast(char const*)
vfunc[2]:	QTableWidgetItem::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTableWidgetItem::~~QTableWidgetItem()
vfunc[4]:	QTableWidgetItem::~~QTableWidgetItem()
vfunc[5]:	QTableWidgetItem::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*)

	eelEvent*)
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::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]:	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
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*)

	get*, 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

**Table 7-146 Secondary vtable for QTableWidget**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QTableWidget
vfunc[0]:	non-virtual thunk to QTableWidget::~~QTableWidget()
vfunc[1]:	non-virtual thunk to QTableWidget::~~QTableWidget()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const

vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const
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The Run Time Type Information for the QWidget class is described by [Table 7-147](#)

**Table 7-147 typeinfo for QWidget**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWidget
basetype:	typeinfo for QWidget

### 7.5.9.19 Class data for QTreeView

The virtual table for the QTreeView class is described by [Table 7-148](#)

**Table 7-148 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*)



	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(bo

	ol)
vfunc[53]:	QWidget::languageChange()
vfunc[54]:	QAbstractItemView::viewportEvent(QEvent*)
vfunc[55]:	QTreeView::scrollContentsBy(int, int)
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

**Table 7-149 Secondary vtable for QTreeView**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QTreeView
vfunc[0]:	non-virtual thunk to QTreeView::~~QTreeView()
vfunc[1]:	non-virtual thunk to QTreeView::~~QTreeView()
vfunc[2]:	non-virtual thunk to QWidget::devType() const

vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QTreeView class is described by [Table 7-150](#)

**Table 7-150 typeinfo for QTreeView**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTreeView
basetype:	typeinfo for QAbstractItemView

#### 7.5.9.20 Class data for QProxyModel

The virtual table for the QProxyModel class is described in the generic part of this specification.

The Run Time Type Information for the QProxyModel class is described by [Table 7-151](#)

**Table 7-151 typeinfo for QProxyModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QProxyModel
basetype:	typeinfo for QAbstractItemModel

#### 7.5.9.21 Class data for QHeaderView

The virtual table for the QHeaderView class is described by [Table 7-152](#)

**Table 7-152 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(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]:	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
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::selectionChanged(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*)
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::sectionSizeFromContent

	s(int) const
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**Table 7-153 Secondary vtable for QHeaderView**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QHeaderView
vfunc[0]:	non-virtual thunk to QHeaderView::~~QHeaderView()
vfunc[1]:	non-virtual thunk to QHeaderView::~~QHeaderView()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QHeaderView class is described by [Table 7-154](#)

**Table 7-154 typeinfo for QHeaderView**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHeaderView
basetype:	typeinfo for QAbstractItemView

#### 7.5.9.22 Class data for QItemEditorFactory

The virtual table for the QItemEditorFactory class is described in the generic part of this specification.

The Run Time Type Information for the QItemEditorFactory class is described by [Table 7-155](#)

**Table 7-155 typeinfo for QItemEditorFactory**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QItemEditorFactory

#### 7.5.9.23 Class data for QTreeWidgetItem

The virtual table for the QTreeWidgetItem class is described in the generic part of this specification.

The Run Time Type Information for the QTreeWidgetItem class is described by [Table 7-156](#)

**Table 7-156 typeinfo for QTreeWidgetItem**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTreeWidgetItem

#### 7.5.9.24 Class data for QTreeWidgetItem

The virtual table for the QTreeWidgetItem class is described by [Table 7-157](#)



**Table 7-157 Primary vtable for QTreeWidgetItem**

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QTreeWidgetItem
vfunc[0]:	QTreeWidgetItem::metaObject() const
vfunc[1]:	QTreeWidgetItem::qt_metacast(char const*)
vfunc[2]:	QTreeWidgetItem::qt_metacall(QMetaObject::Call, int, void**)
vfunc[3]:	QTreeWidgetItem::~QTreeWidgetItem()
vfunc[4]:	QTreeWidgetItem::~QTreeWidgetItem()
vfunc[5]:	QTreeWidgetItem::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
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
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

**Table 7-158 Secondary vtable for QTreeWidget**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QTreeWidget
vfunc[0]:	non-virtual thunk to QTreeWidget::~QTreeWidget()
vfunc[1]:	non-virtual thunk to QTreeWidget::~QTreeWidget()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QTreeWidget class is described by [Table 7-159](#)

**Table 7-159 typeinfo for QTreeWidgetItem**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTreeWidgetItem
basetype:	typeinfo for QTreeView

**7.5.9.25 Class data for QAbstractButton**

The virtual table for the QAbstractButton class is described by [Table 7-160](#)

**Table 7-160 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(QK

	eyEvent*)
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)
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()

**Table 7-161 Secondary vtable for QAbstractButton**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QAbstractButton
vfunc[0]:	non-virtual thunk to QAbstractButton::~~QAbstractButton()
vfunc[1]:	non-virtual thunk to QAbstractButton::~~QAbstractButton()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QAbstractButton class is described by [Table 7-162](#)

**Table 7-162 typeinfo for QAbstractButton**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QAbstractButton
basetype:	typeinfo for QWidget

#### 7.5.9.26 Class data for QAbstractGraphicsShapeItem

The virtual table for the QAbstractGraphicsShapeItem class is described in the generic part of this specification.

#### 7.5.9.27 Class data for QCompleter

The virtual table for the QCompleter class is described in the generic part of this specification.

#### 7.5.9.28 Class data for QDataWidgetMapper

The virtual table for the QDataWidgetMapper class is described in the generic part of this specification.

#### 7.5.9.29 Class data for QStandardItem

The virtual table for the QStandardItem class is described in the generic part of this specification.

#### 7.5.9.30 Interfaces for Qt4 Models and Views

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Models and Views specified in [Table 7-163](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-163 libQtGui - Qt4 Models and Views Function Interfaces**

<code>_ZThn16_N10QTableViewD0Ev</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N10QTableViewD1Ev</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N11QHeaderViewD0Ev</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N11QHeaderViewD1Ev</code> <a href="#">[CXXABI-1.86]</a>

<a href="#">_ZThn16_N11QTreeWidgetD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QTreeWidgetD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N12QTableWidgetD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N12QTableWidgetD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N15QAbstractButtonD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QAbstractButtonD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N15QAbstractSliderD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QAbstractSliderD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N16QAbstractSpinBoxD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N16QAbstractSpinBoxD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N17QAbstractItemViewD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QAbstractItemViewD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N19QAbstractScrollAreaD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N19QAbstractScrollAreaD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N9QTreeViewD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QTreeViewD1Ev</a> <a href="#">[CXXABI-1.86]</a>

## 7.5.10 Qt4 Dialogs

### 7.5.10.1 Class data for QDialog

The virtual table for the QDialog class is described by [Table 7-164](#)

**Table 7-164 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*)



	ent*)
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()

**Table 7-165 Secondary vtable for QDialog**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QDialog
vfunc[0]:	non-virtual thunk to QDialog::~~QDialog()
vfunc[1]:	non-virtual thunk to QDialog::~~QDialog()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QDialog class is described by [Table 7-166](#)

**Table 7-166 typeinfo for QDialog**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QDialog
basetype:	typeinfo for QWidget

### 7.5.10.2 Class data for QColorDialog

The virtual table for the QColorDialog class is described by [Table 7-167](#)

**Table 7-167 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*)
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()

**Table 7-168 Secondary vtable for QColorDialog**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QColorDialog
vfunc[0]:	non-virtual thunk to QColorDialog::~~QColorDialog()
vfunc[1]:	non-virtual thunk to QColorDialog::~~QColorDialog()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QColorDialog class is described by [Table 7-169](#)

**Table 7-169 typeinfo for QColorDialog**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QColorDialog
basetype:	typeinfo for QDialog

### 7.5.10.3 Class data for QFontDialog

The virtual table for the QFontDialog class is described by [Table 7-170](#)

**Table 7-170 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()

**Table 7-171 Secondary vtable for QFontDialog**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QFontDialog
vfunc[0]:	non-virtual thunk to QFontDialog::~~QFontDialog()
vfunc[1]:	non-virtual thunk to QFontDialog::~~QFontDialog()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QFontDialog class is described by [Table 7-172](#)

**Table 7-172 typeinfo for QFontDialog**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFontDialog
basetype:	typeinfo for QDialog

#### 7.5.10.4 Class data for QMessageBox

The virtual table for the QMessageBox class is described by [Table 7-173](#)

**Table 7-173 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*)
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()



**Table 7-174 Secondary vtable for QMessageBox**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QMessageBox
vfunc[0]:	non-virtual thunk to QMessageBox::~~QMessageBox()
vfunc[1]:	non-virtual thunk to QMessageBox::~~QMessageBox()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QMessageBox class is described by [Table 7-175](#)

**Table 7-175 typeinfo for QMessageBox**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMessageBox
basetype:	typeinfo for QDialog

### 7.5.10.5 Class data for QProgressDialog

The virtual table for the QProgressDialog class is described by [Table 7-176](#)

**Table 7-176 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*)
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()

**Table 7-177 Secondary vtable for QProgressDialog**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QProgressDialog
vfunc[0]:	non-virtual thunk to QProgressDialog::~QProgressDialog()
vfunc[1]:	non-virtual thunk to QProgressDialog::~QProgressDialog()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QProgressDialog class is described by [Table 7-178](#)

**Table 7-178 typeinfo for QProgressDialog**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QProgressDialog
basetype:	typeinfo for QDialog

#### 7.5.10.6 Class data for QErrorMessage

The virtual table for the QErrorMessage class is described by [Table 7-179](#)

**Table 7-179 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(QMetaObject::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(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]:	QErrorMessage::done(int)
vfunc[55]:	QDialog::accept()
vfunc[56]:	QDialog::reject()

**Table 7-180 Secondary vtable for QErrorMessage**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QErrorMessage
vfunc[0]:	non-virtual thunk to QErrorMessage::~~QErrorMessage()
vfunc[1]:	non-virtual thunk to QErrorMessage::~~QErrorMessage()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QErrorMessage class is described by [Table 7-181](#)

**Table 7-181 typeinfo for QErrorMessage**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QErrorMessage
basetype:	typeinfo for QDialog

**7.5.10.7 Class data for QFileDialog**

The virtual table for the QFileDialog class is described by [Table 7-182](#)

**Table 7-182 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()

**Table 7-183 Secondary vtable for QFileDialog**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QFileDialog

vfunc[0]:	non-virtual thunk to QFileDialog::~~QFileDialog()
vfunc[1]:	non-virtual thunk to QFileDialog::~~QFileDialog()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QFileDialog class is described by [Table 7-184](#)

**Table 7-184 typeinfo for QFileDialog**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFileDialog
basetype:	typeinfo for QDialog

### 7.5.10.8 Class data for QPrintDialog

The virtual table for the QPrintDialog class is described by [Table 7-185](#)

**Table 7-185 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*)



	ent*)
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]:	QPrintDialog::exec()

**Table 7-186 Secondary vtable for QPrintDialog**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QPrintDialog
vfunc[0]:	non-virtual thunk to QPrintDialog::~QPrintDialog()
vfunc[1]:	non-virtual thunk to QPrintDialog::~QPrintDialog()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QPrintDialog class is described by [Table 7-187](#)

**Table 7-187 typeinfo for QPrintDialog**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPrintDialog
basetype:	typeinfo for QAbstractPrintDialog

### 7.5.10.9 Class data for QPageSetupDialog

The virtual table for the QPageSetupDialog class is described by [Table 7-188](#)

**Table 7-188 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&)
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()

**Table 7-189 Secondary vtable for QPageSetupDialog**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QPageSetupDialog
vfunc[0]:	NULL or non-virtual thunk to QPageSetupDialog::~QPageSetupDialog()
vfunc[1]:	NULL or non-virtual thunk to QPageSetupDialog::~QPageSetupDialog()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QPageSetupDialog class is described by [Table 7-190](#)

**Table 7-190 typeinfo for QPageSetupDialog**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPageSetupDialog

basetype:	typeinfo for QAbstractPageSetupDialog
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#### 7.5.10.10 Class data for QDialog

The virtual table for the QDialog class is described by [Table 7-191](#)

**Table 7-191 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()

**Table 7-192 Secondary vtable for QDialog**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QDialog
vfunc[0]:	non-virtual thunk to QDialog::~QDialog()
vfunc[1]:	non-virtual thunk to QDialog::~QDialog()
vfunc[2]:	non-virtual thunk to

	QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QDialog class is described by [Table 7-193](#)

**Table 7-193 typeinfo for QDialog**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDialog
basetype:	typeinfo for QDialog

#### 7.5.10.11 Class data for QFileIconProvider

The virtual table for the QFileIconProvider class is described in the generic part of this specification.

The Run Time Type Information for the QFileIconProvider class is described by [Table 7-194](#)

**Table 7-194 typeinfo for QFileIconProvider**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QFileIconProvider

#### 7.5.10.12 Interfaces for Qt4 Dialogs

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Dialogs specified in [Table 7-195](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-195 libQtGui - Qt4 Dialogs Function Interfaces**

<a href="#">_ZThn16_N11QFileDialogD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QFileDialogD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QFontDialogD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QFontDialogD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QMessageBoxD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QMessageBoxD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N12QColorDialogD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N12QColorDialogD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N12QInputDialogD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N12QInputDialogD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N12QPrintDialogD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N12QPrintDialogD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N13QErrorMessageD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N13QErrorMessageD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N15QProgressDialogD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QProgressDialogD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N7QDialogD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QDialogD1Ev [CXXABI-1.86]</a>

## 7.5.11 Qt4 Date and Time

### 7.5.11.1 Class data for QDateTimeEdit

The virtual table for the QDateTimeEdit class is described by [Table 7-196](#)

**Table 7-196 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::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

**Table 7-197 Secondary vtable for QDateTimeEdit**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QDateTimeEdit
vfunc[0]:	NULL or non-virtual thunk to QDateTimeEdit::~~QDateTimeEdit()
vfunc[1]:	NULL or non-virtual thunk to QDateTimeEdit::~~QDateTimeEdit()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QDateTimeEdit class is described by [Table 7-198](#)

**Table 7-198 typeinfo for QDateTimeEdit**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QDateTimeEdit
basetype:	typeinfo for QAbstractSpinBox

### 7.5.11.2 Class data for QTimeEdit

The virtual table for the QTimeEdit class is described by [Table 7-199](#)

**Table 7-199 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::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::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

**Table 7-200 Secondary vtable for QDateTimeEdit**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QDateTimeEdit
vfunc[0]:	NULL or non-virtual thunk to QDateTimeEdit::~QDateTimeEdit()
vfunc[1]:	NULL or non-virtual thunk to QDateTimeEdit::~QDateTimeEdit()
vfunc[2]:	non-virtual thunk to

	QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QTimeEdit class is described by [Table 7-201](#)

**Table 7-201 typeinfo for QTimeEdit**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTimeEdit
basetype:	typeinfo for QDateTimeEdit

### 7.5.11.3 Class data for QDateEdit

The virtual table for the QDateEdit class is described by [Table 7-202](#)

**Table 7-202 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*)
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

**Table 7-203 Secondary vtable for QDateTimeEdit**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QDateTimeEdit
vfunc[0]:	NULL or non-virtual thunk to QDateTimeEdit::~QDateTimeEdit()
vfunc[1]:	NULL or non-virtual thunk to QDateTimeEdit::~QDateTimeEdit()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QDateTimeEdit class is described by [Table 7-204](#)

**Table 7-204 typeinfo for QDateTimeEdit**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QDateTimeEdit
basetype:	typeinfo for QDateTimeEdit

#### 7.5.11.4 Interfaces for Qt4 Date and Time

No external functions are defined for libQtGui - Qt4 Date and Time in this part of the specification. See also the generic specification.

## 7.5.12 Qt4 Miscellaneous

### 7.5.12.1 Class data for QRubberBand

The virtual table for the QRubberBand class is described by [Table 7-205](#)

**Table 7-205 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(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()

**Table 7-206 Secondary vtable for QRubberBand**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QRubberBand
vfunc[0]:	non-virtual thunk to QRubberBand::~~QRubberBand()
vfunc[1]:	non-virtual thunk to QRubberBand::~~QRubberBand()
vfunc[2]:	non-virtual thunk to

	QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintD eviceMetric) const

The Run Time Type Information for the QRubberBand class is described by [Table 7-207](#)

**Table 7-207 typeinfo for QRubberBand**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QRubberBand
basetype:	typeinfo for QWidget

### 7.5.12.2 Class data for QShortcut

The virtual table for the QShortcut class is described in the generic part of this specification.

The Run Time Type Information for the QShortcut class is described by [Table 7-208](#)

**Table 7-208 typeinfo for QShortcut**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QShortcut
basetype:	typeinfo for QObject

### 7.5.12.3 Class data for QSplashScreen

The virtual table for the QSplashScreen class is described by [Table 7-209](#)

**Table 7-209 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::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]:	QSplashScreen::drawContents(QPainter *)

**Table 7-210 Secondary vtable for QSplashScreen**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QSplashScreen
vfunc[0]:	non-virtual thunk to QSplashScreen::~~QSplashScreen()
vfunc[1]:	non-virtual thunk to QSplashScreen::~~QSplashScreen()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QSplashScreen class is described by [Table 7-211](#)

**Table 7-211 typeinfo for QSplashScreen**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSplashScreen
basetype:	typeinfo for QWidget

#### 7.5.12.4 Class data for QUndoCommand

The virtual table for the QUndoCommand class is described in the generic part of this specification.

#### 7.5.12.5 Class data for QUndoStack

The virtual table for the QUndoStack class is described in the generic part of this specification.

#### 7.5.12.6 Interfaces for Qt4 Miscellaneous

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Miscellaneous specified in [Table 7-212](#), with the full mandatory functionality as de-

scribed in the referenced underlying specification.

**Table 7-212 libQtGui - Qt4 Miscellaneous Function Interfaces**

<code>_ZThn16_N11QRubberBandD0Ev</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N11QRubberBandD1Ev</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N13QSplashScreenD0Ev</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N13QSplashScreenD1Ev</code> <a href="#">[CXXABI-1.86]</a>

## 7.5.13 Qt4 Paint Device

### 7.5.13.1 Class data for QPainterDevice

The virtual table for the QPainterDevice class is described in the generic part of this specification.

The Run Time Type Information for the QPainterDevice class is described by [Table 7-213](#)

**Table 7-213 typeinfo for QPainterDevice**

Base Vtable	vtable for <code>__cxxabiv1::__class_type_info</code>
Name	typeinfo name for QPainterDevice

### 7.5.13.2 Class data for QPixmap

The virtual table for the QPixmap class is described in the generic part of this specification.

The Run Time Type Information for the QPixmap class is described by [Table 7-214](#)

**Table 7-214 typeinfo for QPixmap**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QPixmap
basetype:	typeinfo for QPainterDevice

### 7.5.13.3 Class data for QPicture

The virtual table for the QPicture class is described in the generic part of this specification.

The Run Time Type Information for the QPicture class is described by [Table 7-215](#)

**Table 7-215 typeinfo for QPicture**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QPicture
basetype:	typeinfo for QPainterDevice

### 7.5.13.4 Class data for QBitmap

The virtual table for the QBitmap class is described in the generic part of this specification.

The Run Time Type Information for the QBitmap class is described by [Table 7-216](#)

**Table 7-216 typeinfo for QBitmap**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QBitmap

basetype:	typeinfo for QPixmap
-----------	----------------------

### 7.5.13.5 Class data for QPictureFormatInterface

The virtual table for the QPictureFormatInterface class is described in the generic part of this specification.

The Run Time Type Information for the QPictureFormatInterface class is described by [Table 7-217](#)

**Table 7-217 typeinfo for QPictureFormatInterface**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPictureFormatInterface
basetype:	typeinfo for QFactoryInterface

### 7.5.13.6 Class data for QPrinter

The virtual table for the QPrinter class is described in the generic part of this specification.

The Run Time Type Information for the QPrinter class is described by [Table 7-218](#)

**Table 7-218 typeinfo for QPrinter**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPrinter
basetype:	typeinfo for QPaintDevice

### 7.5.13.7 Class data for QPrintEngine

The virtual table for the QPrintEngine class is described in the generic part of this specification.

The Run Time Type Information for the QPrintEngine class is described by [Table 7-219](#)

**Table 7-219 typeinfo for QPrintEngine**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QPrintEngine

### 7.5.13.8 Interfaces for Qt4 Paint Device

No external functions are defined for libQtGui - Qt4 Paint Device in this part of the specification. See also the generic specification.

## 7.5.14 Qt4 Multimedia

### 7.5.14.1 Class data for QImage

The virtual table for the QImage class is described in the generic part of this specification.

The Run Time Type Information for the QImage class is described by [Table 7-220](#)

**Table 7-220 typeinfo for QImage**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
-------------	--

Name	typeinfo name for QImage
basetype:	typeinfo for QPaintDevice

#### 7.5.14.2 Class data for QImageIOHandler

The virtual table for the QImageIOHandler class is described in the generic part of this specification.

The Run Time Type Information for the QImageIOHandler class is described by [Table 7-221](#)

**Table 7-221 typeinfo for QImageIOHandler**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QImageIOHandler

#### 7.5.14.3 Class data for QImageIOHandlerFactoryInterface

The virtual table for the QImageIOHandlerFactoryInterface class is described in the generic part of this specification.

The Run Time Type Information for the QImageIOHandlerFactoryInterface class is described by [Table 7-222](#)

**Table 7-222 typeinfo for QImageIOHandlerFactoryInterface**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QImageIOHandlerFactoryInterface
basetype:	typeinfo for QFactoryInterface

#### 7.5.14.4 Class data for QMovie

The virtual table for the QMovie class is described in the generic part of this specification.

The Run Time Type Information for the QMovie class is described by [Table 7-223](#)

**Table 7-223 typeinfo for QMovie**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMovie
basetype:	typeinfo for QObject

#### 7.5.14.5 Class data for QSound

The virtual table for the QSound class is described in the generic part of this specification.

The Run Time Type Information for the QSound class is described by [Table 7-224](#)

**Table 7-224 typeinfo for QSound**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSound
basetype:	typeinfo for QObject

### 7.5.14.6 Interfaces for Qt4 Multimedia

No external functions are defined for libQtGui - Qt4 Multimedia in this part of the specification. See also the generic specification.

## 7.5.15 Qt4 Layouts

### 7.5.15.1 Class data for QLayoutItem

The virtual table for the QLayoutItem class is described in the generic part of this specification.

The Run Time Type Information for the QLayoutItem class is described by [Table 7-225](#)

**Table 7-225 typeinfo for QLayoutItem**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QLayoutItem

### 7.5.15.2 Class data for QSpacerItem

The virtual table for the QSpacerItem class is described in the generic part of this specification.

The Run Time Type Information for the QSpacerItem class is described by [Table 7-226](#)

**Table 7-226 typeinfo for QSpacerItem**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSpacerItem
basetype:	typeinfo for QLayoutItem

### 7.5.15.3 Class data for QWidgetItem

The virtual table for the QWidgetItem class is described in the generic part of this specification.

The Run Time Type Information for the QWidgetItem class is described by [Table 7-227](#)

**Table 7-227 typeinfo for QWidgetItem**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWidgetItem
basetype:	typeinfo for QLayoutItem

### 7.5.15.4 Class data for QLayout

The virtual table for the QLayout class is described by [Table 7-228](#)

**Table 7-228 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()

**Table 7-229 Secondary vtable for QLayout**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QLayout
vfunc[0]:	non-virtual thunk to QLayout::~~QLayout()
vfunc[1]:	non-virtual thunk to QLayout::~~QLayout()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	non-virtual thunk to QLayout::minimumSize() const
vfunc[4]:	non-virtual thunk to QLayout::maximumSize() const
vfunc[5]:	non-virtual thunk to QLayout::expandingDirections() const
vfunc[6]:	__cxa_pure_virtual
vfunc[7]:	non-virtual thunk to QLayout::geometry() const
vfunc[8]:	non-virtual thunk to QLayout::isEmpty() const
vfunc[9]:	QLayoutItem::hasHeightForWidth() const

vfunc[10]:	QLayoutItem::heightForWidth(int) const
vfunc[11]:	QLayoutItem::minimumHeightForWidth(int) const
vfunc[12]:	non-virtual thunk to QLayout::invalidate()
vfunc[13]:	QLayoutItem::widget()
vfunc[14]:	non-virtual thunk to QLayout::layout()
vfunc[15]:	QLayoutItem::spacerItem()

The Run Time Type Information for the QLayout class is described by [Table 7-230](#)

**Table 7-230 typeinfo for QLayout**

Base Vtable	vtable for __cxxabiv1::__vmi_class _type_info	2 2050
Name	typeinfo name for QLayout	
flags:	0	
basetype:	typeinfo for QObject	
basetype:	typeinfo for QLayoutItem	

### 7.5.15.5 Class data for QGridLayout

The virtual table for the QGridLayout class is described by [Table 7-231](#)

**Table 7-231 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

**Table 7-232 Secondary vtable for QGridLayout**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QGridLayout
vfunc[0]:	non-virtual thunk to QGridLayout::~~QGridLayout()
vfunc[1]:	non-virtual thunk to QGridLayout::~~QGridLayout()
vfunc[2]:	non-virtual thunk to QGridLayout::sizeHint() const
vfunc[3]:	non-virtual thunk to QGridLayout::minimumSize() const
vfunc[4]:	non-virtual thunk to QGridLayout::maximumSize() const
vfunc[5]:	non-virtual thunk to QGridLayout::expandingDirections() const
vfunc[6]:	non-virtual thunk to QGridLayout::setGeometry(QRect const&)
vfunc[7]:	non-virtual thunk to QLayout::geometry() const
vfunc[8]:	non-virtual thunk to QLayout::isEmpty() const
vfunc[9]:	non-virtual thunk to QGridLayout::hasHeightForWidth() const
vfunc[10]:	non-virtual thunk to QGridLayout::heightForWidth(int) const
vfunc[11]:	non-virtual thunk to QGridLayout::minimumHeightForWidth(int) const

vfunc[12]:	non-virtual thunk to QGridLayout::invalidate()
vfunc[13]:	QLayoutItem::widget()
vfunc[14]:	non-virtual thunk to QLayout::layout()
vfunc[15]:	QLayoutItem::spacerItem()

The Run Time Type Information for the QGridLayout class is described by [Table 7-233](#)

**Table 7-233 typeinfo for QGridLayout**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGridLayout
basetype:	typeinfo for QLayout

### 7.5.15.6 Class data for QBoxLayout

The virtual table for the QBoxLayout class is described by [Table 7-234](#)

**Table 7-234 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

**Table 7-235 Secondary vtable for QBoxLayout**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QBoxLayout
vfunc[0]:	non-virtual thunk to QBoxLayout::~~QBoxLayout()
vfunc[1]:	non-virtual thunk to QBoxLayout::~~QBoxLayout()
vfunc[2]:	non-virtual thunk to QBoxLayout::sizeHint() const
vfunc[3]:	non-virtual thunk to QBoxLayout::minimumSize() const
vfunc[4]:	non-virtual thunk to QBoxLayout::maximumSize() const
vfunc[5]:	non-virtual thunk to QBoxLayout::expandingDirections() const
vfunc[6]:	non-virtual thunk to QBoxLayout::setGeometry(QRect const&)
vfunc[7]:	non-virtual thunk to QLayout::geometry() const
vfunc[8]:	non-virtual thunk to QLayout::isEmpty() const
vfunc[9]:	non-virtual thunk to QBoxLayout::hasHeightForWidth() const
vfunc[10]:	non-virtual thunk to QBoxLayout::heightForWidth(int) const
vfunc[11]:	non-virtual thunk to QBoxLayout::minimumHeightForWidth (int) const
vfunc[12]:	non-virtual thunk to QBoxLayout::invalidate()
vfunc[13]:	QLayoutItem::widget()
vfunc[14]:	non-virtual thunk to QLayout::layout()
vfunc[15]:	QLayoutItem::spacerItem()

The Run Time Type Information for the QBoxLayout class is described by [Table 7-236](#)

**Table 7-236 typeinfo for QBoxLayout**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QBoxLayout
basetype:	typeinfo for QLayout

**7.5.15.7 Class data for QHBoxLayout**

The virtual table for the QHBoxLayout class is described by [Table 7-237](#)

**Table 7-237 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*)
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

**Table 7-238 Secondary vtable for QHBoxLayout**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QHBoxLayout
vfunc[0]:	non-virtual thunk to QHBoxLayout::~~QHBoxLayout()
vfunc[1]:	non-virtual thunk to QHBoxLayout::~~QHBoxLayout()
vfunc[2]:	non-virtual thunk to QBoxLayout::sizeHint() const
vfunc[3]:	non-virtual thunk to QBoxLayout::minimumSize() const
vfunc[4]:	non-virtual thunk to QBoxLayout::maximumSize() const
vfunc[5]:	non-virtual thunk to QBoxLayout::expandingDirections() const
vfunc[6]:	non-virtual thunk to QBoxLayout::setGeometry(QRect const&)
vfunc[7]:	non-virtual thunk to QLayout::geometry() const
vfunc[8]:	non-virtual thunk to QLayout::isEmpty() const
vfunc[9]:	non-virtual thunk to QBoxLayout::hasHeightForWidth() const
vfunc[10]:	non-virtual thunk to QBoxLayout::heightForWidth(int) const
vfunc[11]:	non-virtual thunk to QBoxLayout::minimumHeightForWidth(int) const
vfunc[12]:	non-virtual thunk to QBoxLayout::invalidate()
vfunc[13]:	QLayoutItem::widget()
vfunc[14]:	non-virtual thunk to QLayout::layout()
vfunc[15]:	QLayoutItem::spacerItem()

The Run Time Type Information for the QHBoxLayout class is described by [Table 7-239](#)

**Table 7-239 typeinfo for QHBoxLayout**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHBoxLayout
basetype:	typeinfo for QBoxLayout

**7.5.15.8 Class data for QVBoxLayout**

The virtual table for the QVBoxLayout class is described by [Table 7-240](#)

**Table 7-240 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::~~VBoxLayout()
vfunc[4]:	QVBoxLayout::~~VBoxLayout()
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

**Table 7-241 Secondary vtable for QVBoxLayout**

Base Offset	-16
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Virtual Base Offset	0
RTTI	typeinfo for QVBoxLayout
vfunc[0]:	non-virtual thunk to QVBoxLayout::~~VBoxLayout()
vfunc[1]:	non-virtual thunk to QVBoxLayout::~~VBoxLayout()
vfunc[2]:	non-virtual thunk to QVBoxLayout::sizeHint() const
vfunc[3]:	non-virtual thunk to QVBoxLayout::minimumSize() const
vfunc[4]:	non-virtual thunk to QVBoxLayout::maximumSize() const
vfunc[5]:	non-virtual thunk to QVBoxLayout::expandingDirections() const
vfunc[6]:	non-virtual thunk to QVBoxLayout::setGeometry(QRect const&)
vfunc[7]:	non-virtual thunk to QLayout::geometry() const
vfunc[8]:	non-virtual thunk to QLayout::isEmpty() const
vfunc[9]:	non-virtual thunk to QVBoxLayout::hasHeightForWidth() const
vfunc[10]:	non-virtual thunk to QVBoxLayout::heightForWidth(int) const
vfunc[11]:	non-virtual thunk to QVBoxLayout::minimumHeightForWidth(int) const
vfunc[12]:	non-virtual thunk to QVBoxLayout::invalidate()
vfunc[13]:	QLayoutItem::widget()
vfunc[14]:	non-virtual thunk to QLayout::layout()
vfunc[15]:	QLayoutItem::spacerItem()

The Run Time Type Information for the QVBoxLayout class is described by [Table 7-242](#)

**Table 7-242 typeinfo for QVBoxLayout**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QVBoxLayout
basetype:	typeinfo for QBoxLayout

### 7.5.15.9 Class data for QStackedLayout

The virtual table for the QStackedLayout class is described by [Table 7-243](#)

**Table 7-243 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

**Table 7-244 Secondary vtable for QStackedLayout**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QStackedLayout
vfunc[0]:	non-virtual thunk to QStackedLayout::~QStackedLayout()
vfunc[1]:	non-virtual thunk to QStackedLayout::~QStackedLayout()
vfunc[2]:	non-virtual thunk to QStackedLayout::sizeHint() const
vfunc[3]:	non-virtual thunk to QStackedLayout::minimumSize() const

vfunc[4]:	non-virtual thunk to QLayout::maximumSize() const
vfunc[5]:	non-virtual thunk to QLayout::expandingDirections() const
vfunc[6]:	non-virtual thunk to QStackedLayout::setGeometry(QRect const&)
vfunc[7]:	non-virtual thunk to QLayout::geometry() const
vfunc[8]:	non-virtual thunk to QLayout::isEmpty() const
vfunc[9]:	QLayoutItem::hasHeightForWidth() const
vfunc[10]:	QLayoutItem::heightForWidth(int) const
vfunc[11]:	QLayoutItem::minimumHeightForWidth(int) const
vfunc[12]:	non-virtual thunk to QLayout::invalidate()
vfunc[13]:	QLayoutItem::widget()
vfunc[14]:	non-virtual thunk to QLayout::layout()
vfunc[15]:	QLayoutItem::spacerItem()

The Run Time Type Information for the QStackedLayout class is described by [Table 7-245](#)

**Table 7-245 typeinfo for QStackedLayout**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStackedLayout
basetype:	typeinfo for QLayout

### 7.5.15.10 Interfaces for Qt4 Layouts

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Layouts specified in [Table 7-246](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-246 libQtGui - Qt4 Layouts Function Interfaces**

<a href="#">_ZThn16_N10QBoxLayoutD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N10QBoxLayoutD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QGridLayoutD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QGridLayoutD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QHBoxLayoutD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QHBoxLayoutD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QVBoxLayoutD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QVBoxLayoutD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N14QStackedLayoutD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N14QStackedLayoutD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N7QLayoutD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QLayoutD1Ev [CXXABI-1.86]</a>

## 7.5.16 Qt4 Style

### 7.5.16.1 Class data for QStyle

The virtual table for the QStyle class is described in the generic part of this specification.

The Run Time Type Information for the QStyle class is described by [Table 7-247](#)

**Table 7-247 typeinfo for QStyle**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStyle
basetype:	typeinfo for QObject

### 7.5.16.2 Class data for QCommonStyle

The virtual table for the QCommonStyle class is described in the generic part of this specification.

The Run Time Type Information for the QCommonStyle class is described by [Table 7-248](#)

**Table 7-248 typeinfo for QCommonStyle**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCommonStyle
basetype:	typeinfo for QStyle

### 7.5.16.3 Class data for QMotifStyle

The virtual table for the QMotifStyle class is described in the generic part of this specification.

The Run Time Type Information for the QMotifStyle class is described by [Table 7-249](#)

**Table 7-249 typeinfo for QMotifStyle**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMotifStyle
basetype:	typeinfo for QCommonStyle

### 7.5.16.4 Class data for QStyleFactoryInterface

The virtual table for the QStyleFactoryInterface class is described in the generic part of this specification.

The Run Time Type Information for the QStyleFactoryInterface class is described by [Table 7-250](#)

**Table 7-250 typeinfo for QStyleFactoryInterface**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStyleFactoryInterface
basetype:	typeinfo for QFactoryInterface

### 7.5.16.5 Class data for QWindowsStyle

The virtual table for the QWindowsStyle class is described in the generic part of this specification.

The Run Time Type Information for the QWindowsStyle class is described by [Table 7-251](#)

**Table 7-251 typeinfo for QWindowsStyle**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWindowsStyle
basetype:	typeinfo for QCommonStyle

### 7.5.16.6 Class data for QCDEStyle

The virtual table for the QCDEStyle class is described in the generic part of this specification.

The Run Time Type Information for the QCDEStyle class is described by [Table 7-252](#)

**Table 7-252 typeinfo for QCDEStyle**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCDEStyle
basetype:	typeinfo for QMotifStyle

### 7.5.16.7 Class data for QPlastiqueStyle

The virtual table for the QPlastiqueStyle class is described in the generic part of this specification.

The Run Time Type Information for the QPlastiqueStyle class is described by [Table 7-253](#)

**Table 7-253 typeinfo for QPlastiqueStyle**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPlastiqueStyle
basetype:	typeinfo for QWindowsStyle

### 7.5.16.8 Class data for QCleanlooksStyle

The virtual table for the QCleanlooksStyle class is described in the generic part of this specification.

### 7.5.16.9 Interfaces for Qt4 Style

No external functions are defined for libQtGui - Qt4 Style in this part of the specification. See also the generic specification.

## 7.5.17 Qt4 Text

### 7.5.17.1 Class data for QTextObject

The virtual table for the QTextObject class is described in the generic part of this specification.

The Run Time Type Information for the QTextObject class is described by [Table 7-254](#)

**Table 7-254 typeinfo for QTextObject**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextObject
basetype:	typeinfo for QObject

**7.5.17.2 Class data for QTextBlockGroup**

The virtual table for the QTextBlockGroup class is described in the generic part of this specification.

The Run Time Type Information for the QTextBlockGroup class is described by [Table 7-255](#)

**Table 7-255 typeinfo for QTextBlockGroup**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextBlockGroup
basetype:	typeinfo for QTextObject

**7.5.17.3 Class data for QTextFrameLayoutData**

The virtual table for the QTextFrameLayoutData class is described in the generic part of this specification.

The Run Time Type Information for the QTextFrameLayoutData class is described by [Table 7-256](#)

**Table 7-256 typeinfo for QTextFrameLayoutData**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextFrameLayoutData

**7.5.17.4 Class data for QTextFrame**

The virtual table for the QTextFrame class is described in the generic part of this specification.

The Run Time Type Information for the QTextFrame class is described by [Table 7-257](#)

**Table 7-257 typeinfo for QTextFrame**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextFrame
basetype:	typeinfo for QTextObject

**7.5.17.5 Class data for QTextBlockUserData**

The virtual table for the QTextBlockUserData class is described in the generic part of this specification.

The Run Time Type Information for the QTextBlockUserData class is described by [Table 7-258](#)

**Table 7-258 typeinfo for QTextBlockUserData**

Base Vtable	vtable for __cxxabiv1::__class_type_info
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Name	typeinfo name for QTextBlockUserData
------	--------------------------------------

#### 7.5.17.6 Class data for QTextDocument

The virtual table for the QTextDocument class is described in the generic part of this specification.

The Run Time Type Information for the QTextDocument class is described by [Table 7-259](#)

**Table 7-259 typeinfo for QTextDocument**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextDocument
basetype:	typeinfo for QObject

#### 7.5.17.7 Class data for QTextTable

The virtual table for the QTextTable class is described in the generic part of this specification.

The Run Time Type Information for the QTextTable class is described by [Table 7-260](#)

**Table 7-260 typeinfo for QTextTable**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextTable
basetype:	typeinfo for QTextFrame

#### 7.5.17.8 Class data for QTextList

The virtual table for the QTextList class is described in the generic part of this specification.

The Run Time Type Information for the QTextList class is described by [Table 7-261](#)

**Table 7-261 typeinfo for QTextList**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextList
basetype:	typeinfo for QTextBlockGroup

#### 7.5.17.9 Class data for QTextObjectInterface

The virtual table for the QTextObjectInterface class is described in the generic part of this specification.

The Run Time Type Information for the QTextObjectInterface class is described by [Table 7-262](#)

**Table 7-262 typeinfo for QTextObjectInterface**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QTextObjectInterface

#### 7.5.17.10 Class data for QSyntaxHighlighter

The virtual table for the QSyntaxHighlighter class is described in the generic part of this specification.

The Run Time Type Information for the QSyntaxHighlighter class is described by [Table 7-263](#)

**Table 7-263 typeinfo for QSyntaxHighlighter**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSyntaxHighlighter
basetype:	typeinfo for QObject

#### 7.5.17.11 Interfaces for Qt4 Text

No external functions are defined for libQtGui - Qt4 Text in this part of the specification. See also the generic specification.

### 7.5.18 Qt4 Main Window and Application

#### 7.5.18.1 Class data for QClipboard

The virtual table for the QClipboard class is described in the generic part of this specification.

The Run Time Type Information for the QClipboard class is described by [Table 7-264](#)

**Table 7-264 typeinfo for QClipboard**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QClipboard
basetype:	typeinfo for QObject

#### 7.5.18.2 Class data for QSessionManager

The virtual table for the QSessionManager class is described in the generic part of this specification.

The Run Time Type Information for the QSessionManager class is described by [Table 7-265](#)

**Table 7-265 typeinfo for QSessionManager**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSessionManager
basetype:	typeinfo for QObject

#### 7.5.18.3 Class data for QApplication

The virtual table for the QApplication class is described in the generic part of this specification.

The Run Time Type Information for the QApplication class is described by [Table 7-266](#)

**Table 7-266 typeinfo for QApplication**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QApplication
basetype:	typeinfo for QCoreApplication

#### 7.5.18.4 Class data for QAction

The virtual table for the QAction class is described in the generic part of this specifica-



tion.

The Run Time Type Information for the QAction class is described by [Table 7-267](#)

**Table 7-267 typeinfo for QAction**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAction
basetype:	typeinfo for QObject

### 7.5.18.5 Class data for QActionGroup

The virtual table for the QActionGroup class is described in the generic part of this specification.

The Run Time Type Information for the QActionGroup class is described by [Table 7-268](#)

**Table 7-268 typeinfo for QActionGroup**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QActionGroup
basetype:	typeinfo for QObject

### 7.5.18.6 Class data for QWorkspace

The virtual table for the QWorkspace class is described by [Table 7-269](#)

**Table 7-269 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()

**Table 7-270 Secondary vtable for QWorkspace**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QWorkspace
vfunc[0]:	non-virtual thunk to QWorkspace::~~QWorkspace()
vfunc[1]:	non-virtual thunk to QWorkspace::~~QWorkspace()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QWorkspace class is described by [Table 7-271](#)

**Table 7-271 typeinfo for QWorkspace**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWorkspace
basetype:	typeinfo for QWidget

### 7.5.18.7 Class data for QSizeGrip

The virtual table for the QSizeGrip class is described by [Table 7-272](#)

**Table 7-272 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()

**Table 7-273 Secondary vtable for QSizeGrip**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QSizeGrip
vfunc[0]:	non-virtual thunk to QSizeGrip::~QSizeGrip()
vfunc[1]:	non-virtual thunk to QSizeGrip::~QSizeGrip()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QSizeGrip class is described by [Table 7-274](#)

**Table 7-274 typeinfo for QSizeGrip**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSizeGrip
basetype:	typeinfo for QWidget

### 7.5.18.8 Class data for QStatusBar

The virtual table for the QStatusBar class is described by [Table 7-275](#)

**Table 7-275 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*)
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*)

	vent*)
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()

**Table 7-276 Secondary vtable for QStatusBar**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QStatusBar
vfunc[0]:	non-virtual thunk to QStatusBar::~~QStatusBar()
vfunc[1]:	non-virtual thunk to QStatusBar::~~QStatusBar()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QStatusBar class is described by [Table 7-277](#)

**Table 7-277 typeinfo for QStatusBar**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStatusBar

basetype:	typeinfo for QWidget
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### 7.5.18.9 Class data for QToolBar

The virtual table for the QToolBar class is described by [Table 7-278](#)

**Table 7-278 Primary vtable for QToolBar**

Base Offset	0
Virtual Base Offset	0
RTTI	typeinfo for QToolBar
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()

**Table 7-279 Secondary vtable for QToolBar**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QToolBar
vfunc[0]:	non-virtual thunk to QToolBar::~~QToolBar()
vfunc[1]:	non-virtual thunk to QToolBar::~~QToolBar()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const

vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const
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The Run Time Type Information for the QToolBar class is described by [Table 7-280](#)

**Table 7-280 typeinfo for QToolBar**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolBar
basetype:	typeinfo for QWidget

#### 7.5.18.10 Class data for QWidgetAction

The virtual table for the QWidgetAction class is described in the generic part of this specification.

The Run Time Type Information for the QWidgetAction class is described by [Table 7-281](#)

**Table 7-281 typeinfo for QWidgetAction**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QWidgetAction
basetype:	typeinfo for QAction

#### 7.5.18.11 Interfaces for Qt4 Main Window and Application

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Main Window and Application specified in [Table 7-282](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-282 libQtGui - Qt4 Main Window and Application Function Interfaces**

<a href="#">_ZThn16_N10QStatusBarD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N10QStatusBarD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QWorkspaceD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N10QWorkspaceD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N8QToolBarD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N8QToolBarD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N9QSizeGripD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QSizeGripD1Ev</a> <a href="#">[CXXABI-1.86]</a>

### 7.5.19 Qt4 Menus

#### 7.5.19.1 Class data for QMenu

The virtual table for the QMenu class is described by [Table 7-283](#)

**Table 7-283 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)
vfunc[53]:	QWidget::languageChange()

**Table 7-284 Secondary vtable for QMenu**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QMenu
vfunc[0]:	non-virtual thunk to QMenu::~~QMenu()
vfunc[1]:	non-virtual thunk to QMenu::~~QMenu()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QMenu class is described by [Table 7-285](#)

**Table 7-285 typeinfo for QMenu**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMenu
basetype:	typeinfo for QWidget

### 7.5.19.2 Class data for QMenuItem

The virtual table for the QMenuItem class is described in the generic part of this specification.

The Run Time Type Information for the QAction class is described by [Table 7-286](#)

**Table 7-286 typeinfo for QAction**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAction
basetype:	typeinfo for QAction

### 7.5.19.3 Class data for QMenuBar

The virtual table for the QMenuBar class is described by [Table 7-287](#)

**Table 7-287 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*)

	*)
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()

**Table 7-288 Secondary vtable for QMenuBar**

Base Offset	-16
Virtual Base Offset	0

RTTI	typeinfo for QMenuBar
vfunc[0]:	non-virtual thunk to QMenuBar::~QMenuBar()
vfunc[1]:	non-virtual thunk to QMenuBar::~QMenuBar()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QMenuBar class is described by [Table 7-289](#)

**Table 7-289 typeinfo for QMenuBar**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMenuBar
basetype:	typeinfo for QWidget

### 7.5.19.4 Interfaces for Qt4 Menus

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Menus specified in [Table 7-290](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-290 libQtGui - Qt4 Menus Function Interfaces**

<a href="#">_ZThn16_N5QMenuD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N5QMenuD1Ev [CXXABI-1.86]</a>
<a href="#">_ZThn16_N8QMenuBarD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N8QMenuBarD1Ev [CXXABI-1.86]</a>

## 7.5.20 Qt4 Widgets

### 7.5.20.1 Class data for QWidget

The virtual table for the QWidget class is described by [Table 7-291](#)

**Table 7-291 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*)
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()

**Table 7-292 Secondary vtable for QWidget**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QWidget
vfunc[0]:	non-virtual thunk to QWidget::~~QWidget()
vfunc[1]:	non-virtual thunk to QWidget::~~QWidget()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QWidget class is described by [Table 7-293](#)

**Table 7-293 typeinfo for QWidget**

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	2
Name	typeinfo name for QWidget	
flags:	0	
basetype:	typeinfo for QObject	
basetype:	typeinfo for QPaintDevice	

### 7.5.20.2 Class data for QFrame

The virtual table for the QFrame class is described by [Table 7-294](#)

**Table 7-294 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*)
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()

**Table 7-295 Secondary vtable for QFrame**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QFrame
vfunc[0]:	non-virtual thunk to QFrame::~QFrame()
vfunc[1]:	non-virtual thunk to QFrame::~QFrame()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QFrame class is described by [Table 7-296](#)

**Table 7-296 typeinfo for QFrame**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFrame
basetype:	typeinfo for QWidget

**7.5.20.3 Class data for QLineEdit**

The virtual table for the QLineEdit class is described by [Table 7-297](#)

**Table 7-297 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(QMouseEvent*)
vfunc[19]:	QLineEdit::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QLineEdit::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QLineEdit::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QLineEdit::keyPressEvent(QKeyEvent*)
vfunc[24]:	QWidget::keyReleaseEvent(QKeyEvent*)
vfunc[25]:	QLineEdit::focusInEvent(QFocusEvent*)

	)
vfunc[26]:	QLineEdit::focusOutEvent(QFocusEvent*)
vfunc[27]:	QWidget::enterEvent(QEvent*)
vfunc[28]:	QWidget::leaveEvent(QEvent*)
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()

**Table 7-298 Secondary vtable for QLineEdit**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QLineEdit
vfunc[0]:	non-virtual thunk to QLineEdit::~QLineEdit()
vfunc[1]:	non-virtual thunk to

	QLineEdit::~QLineEdit()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QLineEdit class is described by [Table 7-299](#)

**Table 7-299 typeinfo for QLineEdit**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QLineEdit
basetype:	typeinfo for QWidget

#### 7.5.20.4 Class data for QSlider

The virtual table for the QSlider class is described by [Table 7-300](#)

**Table 7-300 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*)

	vent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QSlider::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]:	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)

**Table 7-301 Secondary vtable for QSlider**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QSlider
vfunc[0]:	non-virtual thunk to QSlider::~~QSlider()
vfunc[1]:	non-virtual thunk to QSlider::~~QSlider()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QSlider class is described by [Table 7-302](#)

**Table 7-302 typeinfo for QSlider**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSlider
basetype:	typeinfo for QAbstractSlider

### 7.5.20.5 Class data for QTabBar

The virtual table for the QTabBar class is described by [Table 7-303](#)

**Table 7-303 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(QMouseEvent*)
vfunc[19]:	QTabBar::mouseReleaseEvent(QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QMouseEvent*)
vfunc[21]:	QTabBar::mouseMoveEvent(QMouseEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QTabBar::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]:	QTabBar::paintEvent(QPaintEvent*)
vfunc[30]:	QWidget::moveEvent(QMoveEvent*)
vfunc[31]:	QTabBar::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]:	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*)

	thodEvent*)
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()

**Table 7-304 Secondary vtable for QTabBar**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QTabBar
vfunc[0]:	non-virtual thunk to QTabBar::~~QTabBar()
vfunc[1]:	non-virtual thunk to QTabBar::~~QTabBar()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QTabBar class is described by [Table 7-305](#)

**Table 7-305 typeinfo for QTabBar**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTabBar
basetype:	typeinfo for QWidget

### 7.5.20.6 Class data for QTabWidget

The virtual table for the QTabWidget class is described by [Table 7-306](#)

**Table 7-306 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)

**Table 7-307 Secondary vtable for QTabWidget**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QTabWidget
vfunc[0]:	non-virtual thunk to QTabWidget::~~QTabWidget()
vfunc[1]:	non-virtual thunk to QTabWidget::~~QTabWidget()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QTabWidget class is described by [Table 7-308](#)

**Table 7-308 typeinfo for QTabWidget**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTabWidget
basetype:	typeinfo for QWidget

**7.5.20.7 Class data for QListView**

The virtual table for the QListView class is described by [Table 7-309](#)

**Table 7-309 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 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(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::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

**Table 7-310 Secondary vtable for QListView**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QListView
vfunc[0]:	non-virtual thunk to QListView::~~QListView()
vfunc[1]:	non-virtual thunk to QListView::~~QListView()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QListView class is described by [Table 7-311](#)

**Table 7-311 typeinfo for QListView**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QListView
basetype:	typeinfo for QAbstractItemView



### 7.5.20.8 Class data for QListWidgetItem

The virtual table for the QListWidgetItem class is described in the generic part of this specification.

The Run Time Type Information for the QListWidgetItem class is described by [Table 7-312](#)

**Table 7-312 typeinfo for QListWidgetItem**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QListWidgetItem

### 7.5.20.9 Class data for QListWidget

The virtual table for the QListWidget class is described by [Table 7-313](#)

**Table 7-313 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*)
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::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
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

**Table 7-314 Secondary vtable for QListWidget**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QListWidget
vfunc[0]:	non-virtual thunk to QListWidget::~~QListWidget()
vfunc[1]:	non-virtual thunk to QListWidget::~~QListWidget()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const

vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const
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The Run Time Type Information for the QListWidget class is described by [Table 7-315](#)

**Table 7-315 typeinfo for QListWidget**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QListWidget
basetype:	typeinfo for QListView

#### 7.5.20.10 Class data for QDesktopWidget

The virtual table for the QDesktopWidget class is described by [Table 7-316](#)

**Table 7-316 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()

**Table 7-317 Secondary vtable for QDesktopWidget**

Base Offset	-16
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Virtual Base Offset	0
RTTI	typeinfo for QDesktopWidget
vfunc[0]:	non-virtual thunk to QDesktopWidget::~~QDesktopWidget()
vfunc[1]:	non-virtual thunk to QDesktopWidget::~~QDesktopWidget()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QDesktopWidget class is described by [Table 7-318](#)

**Table 7-318 typeinfo for QDesktopWidget**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDesktopWidget
basetype:	typeinfo for QWidget

#### 7.5.20.11 Class data for QInputContextFactoryInterface

The virtual table for the QInputContextFactoryInterface class is described in the generic part of this specification.

The Run Time Type Information for the QInputContextFactoryInterface class is described by [Table 7-319](#)

**Table 7-319 typeinfo for QInputContextFactoryInterface**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QInputContextFactoryInterface
basetype:	typeinfo for QFactoryInterface

#### 7.5.20.12 Class data for QInputContext

The virtual table for the QInputContext class is described in the generic part of this specification.

The Run Time Type Information for the QInputContext class is described by [Table 7-320](#)

**Table 7-320 typeinfo for QInputContext**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QInputContext
basetype:	typeinfo for QObject

#### 7.5.20.13 Class data for QCheckBox

The virtual table for the QCheckBox class is described by [Table 7-321](#)

**Table 7-321 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(QTimerEv ent*)
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(QM ouseEvent*)
vfunc[19]:	QAbstractButton::mouseReleaseEvent( QMouseEvent*)
vfunc[20]:	QWidget::mouseDoubleClickEvent(QM ouseEvent*)
vfunc[21]:	QCheckBox::mouseMoveEvent(QMous eEvent*)
vfunc[22]:	QWidget::wheelEvent(QWheelEvent*)
vfunc[23]:	QAbstractButton::keyPressEvent(QKey Event*)
vfunc[24]:	QAbstractButton::keyReleaseEvent(QK eyEvent*)
vfunc[25]:	QAbstractButton::focusInEvent(QFocus Event*)
vfunc[26]:	QAbstractButton::focusOutEvent(QFocu sEvent*)
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()

**Table 7-322 Secondary vtable for QCheckBox**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QCheckBox
vfunc[0]:	NULL or non-virtual thunk to QCheckBox::~~QCheckBox()
vfunc[1]:	NULL or non-virtual thunk to QCheckBox::~~QCheckBox()
vfunc[2]:	non-virtual thunk to

	QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QCheckBox class is described by [Table 7-323](#)

**Table 7-323 typeinfo for QCheckBox**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QCheckBox
basetype:	typeinfo for QAbstractButton

#### 7.5.20.14 Class data for QSpinBox

The virtual table for the QSpinBox class is described by [Table 7-324](#)

**Table 7-324 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*)
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

**Table 7-325 Secondary vtable for QSpinBox**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QSpinBox
vfunc[0]:	NULL or non-virtual thunk to QSpinBox::~~QSpinBox()
vfunc[1]:	NULL or non-virtual thunk to QSpinBox::~~QSpinBox()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QSpinBox class is described by [Table 7-326](#)

**Table 7-326 typeinfo for QSpinBox**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSpinBox
basetype:	typeinfo for QAbstractSpinBox

#### 7.5.20.15 Class data for QDoubleSpinBox

The virtual table for the QDoubleSpinBox class is described by [Table 7-327](#)

**Table 7-327 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::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(QResiz eEvent*)
vfunc[32]:	QAbstractSpinBox::closeEvent(QClose Event*)
vfunc[33]:	QAbstractSpinBox::contextMenuEvent( QContextMenuEvent*)
vfunc[34]:	QWidget::tabletEvent(QTabletEvent*)
vfunc[35]:	QWidget::actionEvent(QActionEvent*)
vfunc[36]:	QWidget::dragEnterEvent(QDragEnterE vent*)
vfunc[37]:	QWidget::dragMoveEvent(QDragMove Event*)
vfunc[38]:	QWidget::dragLeaveEvent(QDragLeave Event*)
vfunc[39]:	QWidget::dropEvent(QDropEvent*)
vfunc[40]:	QAbstractSpinBox::showEvent(QShow Event*)
vfunc[41]:	QAbstractSpinBox::hideEvent(QHideEv ent*)
vfunc[42]:	QWidget::x11Event(_XEvent*)
vfunc[43]:	QAbstractSpinBox::changeEvent(QEven t*)
vfunc[44]:	QWidget::metric(QPaintDevice::PaintD eviceMetric) const
vfunc[45]:	QWidget::inputMethodEvent(QInputMe thodEvent*)
vfunc[46]:	QWidget::inputMethodQuery(Qt::Input MethodQuery) 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(bo ol)
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(QStri ng const&) const
vfunc[60]:	QDoubleSpinBox::textFromValue(doubl e) const

**Table 7-328 Secondary vtable for QDoubleSpinBox**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QDoubleSpinBox
vfunc[0]:	NULL or non-virtual thunk to QDoubleSpinBox::~~QDoubleSpinBox()
vfunc[1]:	NULL or non-virtual thunk to QDoubleSpinBox::~~QDoubleSpinBox()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QDoubleSpinBox class is described by [Table 7-329](#)

**Table 7-329 typeinfo for QDoubleSpinBox**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QDoubleSpinBox
basetype:	typeinfo for QAbstractSpinBox

#### 7.5.20.16 Class data for QLCDNumber

The virtual table for the QLCDNumber class is described by [Table 7-330](#)

**Table 7-330 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(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::Input



	MethodQuery) 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()

**Table 7-331 Secondary vtable for QLCDNumber**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QLCDNumber
vfunc[0]:	non-virtual thunk to QLCDNumber::~~QLCDNumber()
vfunc[1]:	non-virtual thunk to QLCDNumber::~~QLCDNumber()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QLCDNumber class is described by [Table 7-332](#)

**Table 7-332 typeinfo for QLCDNumber**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QLCDNumber
basetype:	typeinfo for QFrame

### 7.5.20.17 Class data for QStackedWidget

The virtual table for the QStackedWidget class is described by [Table 7-333](#)

**Table 7-333 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()

**Table 7-334 Secondary vtable for QStackedWidget**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QStackedWidget
vfunc[0]:	non-virtual thunk to QStackedWidget::~~QStackedWidget()
vfunc[1]:	non-virtual thunk to QStackedWidget::~~QStackedWidget()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QStackedWidget class is described by [Table 7-335](#)

**Table 7-335 typeinfo for QStackedWidget**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QStackedWidget
basetype:	typeinfo for QFrame

### 7.5.20.18 Class data for QPushButton

The virtual table for the QPushButton class is described by [Table 7-336](#)

**Table 7-336 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()

**Table 7-337 Secondary vtable for QPushButton**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QPushButton
vfunc[0]:	non-virtual thunk to QPushButton::~QPushButton()
vfunc[1]:	non-virtual thunk to QPushButton::~QPushButton()
vfunc[2]:	non-virtual thunk to

	QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QPushButton class is described by [Table 7-338](#)

**Table 7-338 typeinfo for QPushButton**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPushButton
basetype:	typeinfo for QAbstractButton

#### 7.5.20.19 Class data for QLabel

The virtual table for the QLabel class is described by [Table 7-339](#)

**Table 7-339 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(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]:	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()

**Table 7-340 Secondary vtable for QLabel**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QLabel
vfunc[0]:	non-virtual thunk to QLabel::~~QLabel()
vfunc[1]:	non-virtual thunk to QLabel::~~QLabel()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QLabel class is described by [Table 7-341](#)

**Table 7-341 typeinfo for QLabel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QLabel
basetype:	typeinfo for QFrame

#### 7.5.20.20 Class data for QDockWidget

The virtual table for the QDockWidget class is described by [Table 7-342](#)

**Table 7-342 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(QFocusEvent*)
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)
vfunc[53]:	QWidget::languageChange()

**Table 7-343 Secondary vtable for QDockWidget**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QDockWidget
vfunc[0]:	non-virtual thunk to QDockWidget::~~QDockWidget()
vfunc[1]:	non-virtual thunk to QDockWidget::~~QDockWidget()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QDockWidget class is described by [Table 7-344](#)

**Table 7-344 typeinfo for QDockWidget**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDockWidget
basetype:	typeinfo for QWidget

#### 7.5.20.21 Class data for QMainWindow

The virtual table for the QMainWindow class is described by [Table 7-345](#)

**Table 7-345 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(QMetaObject::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(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]:	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::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]:	QMainWindow::createPopupMenu()

**Table 7-346 Secondary vtable for QMainWindow**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QMainWindow
vfunc[0]:	non-virtual thunk to QMainWindow::~~QMainWindow()
vfunc[1]:	non-virtual thunk to QMainWindow::~~QMainWindow()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QMainWindow class is described by [Table 7-347](#)

**Table 7-347 typeinfo for QMainWindow**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QMainWindow
basetype:	typeinfo for QWidget

### 7.5.20.22 Class data for QTextEdit

The virtual table for the QTextEdit class is described by [Table 7-348](#)

**Table 7-348 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*)
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*)

**Table 7-349 Secondary vtable for QTextEdit**

Base Offset	-16
Virtual Base Offset	0

RTTI	typeinfo for QTextEdit
vfunc[0]:	non-virtual thunk to QTextEdit::~~QTextEdit()
vfunc[1]:	non-virtual thunk to QTextEdit::~~QTextEdit()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QTextEdit class is described by [Table 7-350](#)

**Table 7-350 typeinfo for QTextEdit**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextEdit
basetype:	typeinfo for QAbstractScrollArea

### 7.5.20.23 Class data for QProgressBar

The virtual table for the QProgressBar class is described by [Table 7-351](#)

**Table 7-351 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

**Table 7-352 Secondary vtable for QProgressBar**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QProgressBar
vfunc[0]:	NULL or non-virtual thunk to QProgressBar::~~QProgressBar()
vfunc[1]:	NULL or non-virtual thunk to QProgressBar::~~QProgressBar()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QProgressBar class is described by [Table 7-353](#)

**Table 7-353 typeinfo for QProgressBar**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QProgressBar
basetype:	typeinfo for QWidget

#### 7.5.20.24 Class data for QScrollBar

The virtual table for the QScrollBar class is described by [Table 7-354](#)

**Table 7-354 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
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)

**Table 7-355 Secondary vtable for QScrollBar**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QScrollBar
vfunc[0]:	non-virtual thunk to QScrollBar::~~QScrollBar()
vfunc[1]:	non-virtual thunk to QScrollBar::~~QScrollBar()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QScrollBar class is described by [Table 7-356](#)

**Table 7-356 typeinfo for QScrollBar**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QScrollBar
basetype:	typeinfo for QAbstractSlider

### 7.5.20.25 Class data for QTextBrowser

The virtual table for the QTextBrowser class is described by [Table 7-357](#)

**Table 7-357 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()
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(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*)
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::createMimeDataFromSelection() const
vfunc[58]:	QTextEdit::canInsertFromMimeData(QMimeData const*) const
vfunc[59]:	QTextEdit::insertFromMimeData(QMimeData const*)
vfunc[60]:	QTextBrowser::setSource(QUrl const&)
vfunc[61]:	QTextBrowser::backward()

vfunc[62]:	QTextBrowser::forward()
vfunc[63]:	QTextBrowser::home()
vfunc[64]:	QTextBrowser::reload()

**Table 7-358 Secondary vtable for QTextBrowser**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QTextBrowser
vfunc[0]:	non-virtual thunk to QTextBrowser::~~QTextBrowser()
vfunc[1]:	non-virtual thunk to QTextBrowser::~~QTextBrowser()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QTextBrowser class is described by [Table 7-359](#)

**Table 7-359 typeinfo for QTextBrowser**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTextBrowser
basetype:	typeinfo for QTextEdit

#### 7.5.20.26 Class data for QScrollArea

The virtual table for the QScrollArea class is described by [Table 7-360](#)

**Table 7-360 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(QMetaObject::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*)
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)

**Table 7-361 Secondary vtable for QScrollArea**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QScrollArea
vfunc[0]:	non-virtual thunk to QScrollArea::~~QScrollArea()
vfunc[1]:	non-virtual thunk to QScrollArea::~~QScrollArea()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QScrollArea class is described by [Table 7-362](#)

**Table 7-362 typeinfo for QScrollArea**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QScrollArea
basetype:	typeinfo for QAbstractScrollArea

### 7.5.20.27 Class data for QToolButton

The virtual table for the QToolButton class is described by [Table 7-363](#)



**Table 7-363 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*)
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()

**Table 7-364 Secondary vtable for QToolButton**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QToolButton
vfunc[0]:	non-virtual thunk to QToolButton::~~QToolButton()
vfunc[1]:	non-virtual thunk to QToolButton::~~QToolButton()
vfunc[2]:	non-virtual thunk to

	QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QPushButton class is described by [Table 7-365](#)

**Table 7-365 typeinfo for QPushButton**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QPushButton
basetype:	typeinfo for QAbstractButton

#### 7.5.20.28 Class data for QComboBox

The virtual table for the QComboBox class is described by [Table 7-366](#)

**Table 7-366 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(QMouseEvent*)
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()

**Table 7-367 Secondary vtable for QComboBox**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QComboBox
vfunc[0]:	non-virtual thunk to QComboBox::~QComboBox()
vfunc[1]:	non-virtual thunk to QComboBox::~QComboBox()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QComboBox class is described by [Table 7-368](#)

**Table 7-368 typeinfo for QComboBox**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QComboBox
basetype:	typeinfo for QWidget

### 7.5.20.29 Class data for QRadioButton

The virtual table for the QRadioButton class is described by [Table 7-369](#)

**Table 7-369 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*)
vfunc[7]:	QAbstractButton::timerEvent(QTimerEvent*)

	ent*)
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()

**Table 7-370 Secondary vtable for QRadioButton**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QRadioButton
vfunc[0]:	NULL or non-virtual thunk to QRadioButton::~~QRadioButton()
vfunc[1]:	NULL or non-virtual thunk to QRadioButton::~~QRadioButton()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QRadioButton class is described by [Table 7-371](#)

**Table 7-371 typeinfo for QRadioButton**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QRadioButton
basetype:	typeinfo for QAbstractButton

**7.5.20.30 Class data for QFocusFrame**

The virtual table for the QFocusFrame class is described by [Table 7-372](#)

**Table 7-372 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(bool)
vfunc[53]:	QWidget::languageChange()

**Table 7-373 Secondary vtable for QFocusFrame**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QFocusFrame
vfunc[0]:	non-virtual thunk to QFocusFrame::~QFocusFrame()
vfunc[1]:	non-virtual thunk to QFocusFrame::~QFocusFrame()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to

	QWidget::metric(QPaintDevice::PaintDeviceMetric) const
--	--

The Run Time Type Information for the QFocusFrame class is described by [Table 7-374](#)

**Table 7-374 typeinfo for QFocusFrame**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFocusFrame
basetype:	typeinfo for QWidget

### 7.5.20.31 Class data for QToolBox

The virtual table for the QToolBox class is described by [Table 7-375](#)

**Table 7-375 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*)
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)

Table 7-376 Secondary vtable for QToolBox

Base Offset	-16
-------------	-----

Virtual Base Offset	0
RTTI	typeinfo for QToolBox
vfunc[0]:	non-virtual thunk to QToolBox::~~QToolBox()
vfunc[1]:	non-virtual thunk to QToolBox::~~QToolBox()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QToolBox class is described by [Table 7-377](#)

**Table 7-377 typeinfo for QToolBox**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QToolBox
basetype:	typeinfo for QFrame

#### 7.5.20.32 Class data for QDial

The virtual table for the QDial class is described by [Table 7-378](#)

**Table 7-378 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*)
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)

**Table 7-379 Secondary vtable for QDial**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QDial
vfunc[0]:	non-virtual thunk to QDial::~~QDial()
vfunc[1]:	non-virtual thunk to QDial::~~QDial()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QDial class is described by [Table 7-380](#)

**Table 7-380 typeinfo for QDial**

Base Vtable	vtable for <code>__cxxabiv1::__si_class_type_info</code>
Name	typeinfo name for QDial
basetype:	typeinfo for QAbstractSlider

### 7.5.20.33 Class data for QSystemTrayIcon

The virtual table for the QSystemTrayIcon class is described in the generic part of this specification.

### 7.5.20.34 Interfaces for Qt4 Widgets

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Widgets specified in [Table 7-381](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-381 libQtGui - Qt4 Widgets Function Interfaces**

<a href="#">_ZThn16_N10QLCDNumberD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N10QLCDNumberD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QScrollBarD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N10QScrollBarD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QTabWidgetD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N10QTabWidgetD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QDockWidgetD0Ev</a>	<a href="#">_ZThn16_N11QDockWidgetD1Ev</a>

<a href="#">[CXXABI-1.86]</a>	<a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QFocusFrameD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QFocusFrameD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QListWidgetD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QListWidgetD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QMainWindowD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QMainWindowD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QPushButtonD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QPushButtonD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QScrollAreaD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QScrollAreaD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QToolButtonD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N11QToolButtonD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N12QTextBrowserD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N12QTextBrowserD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N14QDesktopWidgetD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N14QDesktopWidgetD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N14QStackedWidgetD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N14QStackedWidgetD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N15QX11EmbedWidgetD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QX11EmbedWidgetD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N18QX11EmbedContainerD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N18QX11EmbedContainerD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N5QDialD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N5QDialD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N6QFrameD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N6QFrameD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N6QLabelD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N6QLabelD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N7QSliderD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QSliderD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N7QTabBarD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QTabBarD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N7QWidgetD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QWidgetD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N8QToolBoxD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N8QToolBoxD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N9QComboBoxD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QComboBoxD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N9QLineEditD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QLineEditD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N9QListViewD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QListViewD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N9QTextEditD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QTextEditD1Ev</a> <a href="#">[CXXABI-1.86]</a>

## 7.5.21 Qt4 Drag and Drop

### 7.5.21.1 Class data for QMimeSource

The virtual table for the QMimeSource class is described in the generic part of this spe-

cification.

The Run Time Type Information for the QMimeSource class is described by [Table 7-382](#)

**Table 7-382 typeinfo for QMimeSource**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QMimeSource

### 7.5.21.2 Class data for QDrag

The virtual table for the QDrag class is described in the generic part of this specification.

The Run Time Type Information for the QDrag class is described by [Table 7-383](#)

**Table 7-383 typeinfo for QDrag**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDrag
basetype:	typeinfo for QObject

### 7.5.21.3 Class data for QDropEvent

The virtual table for the QDropEvent class is described by [Table 7-384](#)

**Table 7-384 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

**Table 7-385 Secondary vtable for QDropEvent**

Base Offset	-24
Virtual Base Offset	0
RTTI	typeinfo for QDropEvent
vfunc[0]:	non-virtual thunk to QDropEvent::~~QDropEvent()
vfunc[1]:	non-virtual thunk to QDropEvent::~~QDropEvent()
vfunc[2]:	non-virtual thunk to QDropEvent::format(int) const
vfunc[3]:	non-virtual thunk to QDropEvent::provides(char const*) const
vfunc[4]:	non-virtual thunk to QDropEvent::encodedData(char const*)



	const
--	-------

The Run Time Type Information for the QDropEvent class is described by [Table 7-386](#)

**Table 7-386 typeinfo for QDropEvent**

Base Vtable	vtable for __cxxabiv1::__vmi_class _type_info	2
Name	typeinfo name for QDropEvent	
flags:	0	
basetype:	typeinfo for QEvent	
basetype:	typeinfo for QMimeType	3074

#### 7.5.21.4 Class data for QDragMoveEvent

The virtual table for the QDragMoveEvent class is described by [Table 7-387](#)

**Table 7-387 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

**Table 7-388 Secondary vtable for QDragMoveEvent**

Base Offset	-24
Virtual Base Offset	0
RTTI	typeinfo for QDragMoveEvent
vfunc[0]:	non-virtual thunk to QDragMoveEvent::~~QDragMoveEvent( )
vfunc[1]:	non-virtual thunk to QDragMoveEvent::~~QDragMoveEvent( )
vfunc[2]:	non-virtual thunk to QDropEvent::format(int) const
vfunc[3]:	non-virtual thunk to QDropEvent::provides(char const*) const
vfunc[4]:	non-virtual thunk to QDropEvent::encodedData(char const*) const

The Run Time Type Information for the QDragMoveEvent class is described by [Table 7-389](#)

**Table 7-389 typeinfo for QDragMoveEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragMoveEvent
basetype:	typeinfo for QDropEvent

### 7.5.21.5 Class data for QDragEnterEvent

The virtual table for the QDragEnterEvent class is described by [Table 7-390](#)

**Table 7-390 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

**Table 7-391 Secondary vtable for QDragEnterEvent**

Base Offset	-24
Virtual Base Offset	0
RTTI	typeinfo for QDragEnterEvent
vfunc[0]:	non-virtual thunk to QDragEnterEvent::~~QDragEnterEvent()
vfunc[1]:	non-virtual thunk to QDragEnterEvent::~~QDragEnterEvent()
vfunc[2]:	non-virtual thunk to QDropEvent::format(int) const
vfunc[3]:	non-virtual thunk to QDropEvent::provides(char const*) const
vfunc[4]:	non-virtual thunk to QDropEvent::encodedData(char const*) const

The Run Time Type Information for the QDragEnterEvent class is described by [Table 7-392](#)

**Table 7-392 typeinfo for QDragEnterEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragEnterEvent
basetype:	typeinfo for QDragMoveEvent

### 7.5.21.6 Class data for QDragResponseEvent

The virtual table for the QDragResponseEvent class is described in the generic part of this specification.

The Run Time Type Information for the QDragResponseEvent class is described by [Table 7-393](#)

**Table 7-393 typeinfo for QDragResponseEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragResponseEvent
basetype:	typeinfo for QEvent

### 7.5.21.7 Class data for QDragLeaveEvent

The virtual table for the QDragLeaveEvent class is described in the generic part of this specification.

The Run Time Type Information for the QDragLeaveEvent class is described by [Table 7-394](#)

**Table 7-394 typeinfo for QDragLeaveEvent**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QDragLeaveEvent
basetype:	typeinfo for QEvent

### 7.5.21.8 Interfaces for Qt4 Drag and Drop

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Drag and Drop specified in [Table 7-395](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-395 libQtGui - Qt4 Drag and Drop Function Interfaces**

_ZThn24_N10QDropEventD0Ev <a href="#">[CXXABI-1.86]</a>	_ZThn24_N10QDropEventD1Ev <a href="#">[CXXABI-1.86]</a>
_ZThn24_N14QDragMoveEventD0Ev <a href="#">[CXXABI-1.86]</a>	_ZThn24_N14QDragMoveEventD1Ev <a href="#">[CXXABI-1.86]</a>
_ZThn24_N15QDragEnterEventD0Ev <a href="#">[CXXABI-1.86]</a>	_ZThn24_N15QDragEnterEventD1Ev <a href="#">[CXXABI-1.86]</a>

## 7.5.22 Qt4 2D Graphics

### 7.5.22.1 Class data for QIconEngineFactoryInterface

The virtual table for the QIconEngineFactoryInterface class is described in the generic part of this specification.

The Run Time Type Information for the QIconEngineFactoryInterface class is described by [Table 7-396](#)

**Table 7-396 typeinfo for QIconEngineFactoryInterface**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QIconEngineFactoryInterface
basetype:	typeinfo for QFactoryInterface

**7.5.22.2 Class data for QIconEngine**

The virtual table for the QIconEngine class is described in the generic part of this specification.

The Run Time Type Information for the QIconEngine class is described by [Table 7-397](#)

**Table 7-397 typeinfo for QIconEngine**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QIconEngine

**7.5.22.3 Class data for QPaintEngine**

The virtual table for the QPaintEngine class is described in the generic part of this specification.

The Run Time Type Information for the QPaintEngine class is described by [Table 7-398](#)

**Table 7-398 typeinfo for QPaintEngine**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QPaintEngine

**7.5.22.4 Class data for QGraphicsEllipseItem**

The virtual table for the QGraphicsEllipseItem class is described in the generic part of this specification.

**7.5.22.5 Class data for QGraphicsItem**

The virtual table for the QGraphicsItem class is described in the generic part of this specification.

**7.5.22.6 Class data for QGraphicsItemAnimation**

The virtual table for the QGraphicsItemAnimation class is described in the generic part of this specification.

**7.5.22.7 Class data for QGraphicsItemGroup**

The virtual table for the QGraphicsItemGroup class is described in the generic part of this specification.

**7.5.22.8 Class data for QGraphicsLineItem**

The virtual table for the QGraphicsLineItem class is described in the generic part of this specification.

**7.5.22.9 Class data for QGraphicsPathItem**

The virtual table for the QGraphicsPathItem class is described in the generic part of this specification.

**7.5.22.10 Class data for QGraphicsPixmapItem**

The virtual table for the QGraphicsPixmapItem class is described in the generic part of this specification.

**7.5.22.11 Class data for QGraphicsPolygonItem**

The virtual table for the QGraphicsPolygonItem class is described in the generic part of this specification.

**7.5.22.12 Class data for QGraphicsRectItem**

The virtual table for the QGraphicsRectItem class is described in the generic part of this specification.

**7.5.22.13 Class data for QGraphicsScene**

The virtual table for the QGraphicsScene class is described in the generic part of this specification.

The Run Time Type Information for the QGraphicsScene class is described by [Table 7-399](#)

**Table 7-399 typeinfo for QGraphicsScene**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGraphicsScene
basetype:	typeinfo for QObject

**7.5.22.14 Class data for QGraphicsSceneContextMenuEvent**

The virtual table for the QGraphicsSceneContextMenuEvent class is described in the generic part of this specification.

**7.5.22.15 Class data for QGraphicsSceneDragDropEvent**

The virtual table for the QGraphicsSceneDragDropEvent class is described in the generic part of this specification.

**7.5.22.16 Class data for QGraphicsSceneEvent**

The virtual table for the QGraphicsSceneEvent class is described in the generic part of this specification.

**7.5.22.17 Class data for QGraphicsSceneHelpEvent**

The virtual table for the QGraphicsSceneHelpEvent class is described in the generic part of this specification.

**7.5.22.18 Class data for QGraphicsSceneHoverEvent**

The virtual table for the QGraphicsSceneHoverEvent class is described in the generic part of this specification.

**7.5.22.19 Class data for QGraphicsSceneMouseEvent**

The virtual table for the QGraphicsSceneMouseEvent class is described in the generic part of this specification.

**7.5.22.20 Class data for QGraphicsSceneWheelEvent**

The virtual table for the QGraphicsSceneWheelEvent class is described in the generic part of this specification.

**7.5.22.21 Class data for QGraphicsSimpleTextItem**

The virtual table for the QGraphicsSimpleTextItem class is described in the generic part of this specification.

**7.5.22.22 Interfaces for Qt4 2D Graphics**

An LSB conforming implementation shall provide the architecture specific functions for Qt4 2D Graphics specified in [Table 7-400](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-400 libQtGui - Qt4 2D Graphics Function Interfaces**

<code>_ZThn16_N17QGraphicsTextItem10sceneEventEP6QEvent</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItem12focusInEventEP11QFocusEvent</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N17QGraphicsTextItem12setExtensionEN13QGraphicsItem9ExtensionERK8QVariant</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItem13dragMoveEventEP27QGraphicsSceneDragDropEvent</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N17QGraphicsTextItem13focusOutEventEP11QFocusEvent</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItem13keyPressEventEP9QKeyEvent</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N17QGraphicsTextItem14dragEnterEventEP27QGraphicsSceneDragDropEvent</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItem14dragLeaveEventEP27QGraphicsSceneDragDropEvent</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N17QGraphicsTextItem14hoverMoveEventEP24QGraphicsSceneHoverEvent</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItem14mouseMoveEventEP24QGraphicsSceneMouseEvent</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N17QGraphicsTextItem15hoverEnterEventEP24QGraphicsSceneHoverEvent</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItem15hoverLeaveEventEP24QGraphicsSceneHoverEvent</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N17QGraphicsTextItem15keyReleaseEventEP9QKeyEvent</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItem15mousePressEventEP24QGraphicsSceneMouseEvent</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N17QGraphicsTextItem16contextMenuEventEP30QGraphicsSceneContextMenuEvent</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItem16inputMethodEventEP17QInputMethodEvent</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N17QGraphicsTextItem17mouseReleaseEventEP24QGraphicsSceneMouseEvent</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItem21mouseDoubleClickEventEP24QGraphicsSceneMouseEvent</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N17QGraphicsTextItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItem9dropEventEP27QGraphicsSceneDragDropEvent</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_N17QGraphicsTextItemD0Ev</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_N17QGraphicsTextItemD1Ev</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_NK17QGraphicsTextItem10opaqueAreaEv</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_NK17QGraphicsTextItem12boundingRectEv</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_NK17QGraphicsTextItem12isObscuredByEPK13QGraphicsItem</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_NK17QGraphicsTextItem16inputMethodQueryEN2Qt16InputMethodQueryE</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_NK17QGraphicsTextItem17supportsExtensionEN13QGraphicsItem9ExtensionE</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_NK17QGraphicsTextItem4typeEv</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_NK17QGraphicsTextItem5shapeEv</code> <a href="#">[CXXABI-1.86]</a>	<code>_ZThn16_NK17QGraphicsTextItem8containsERK7QPointF</code> <a href="#">[CXXABI-1.86]</a>
<code>_ZThn16_NK17QGraphicsTextItem9extensionERK8QVariant</code> <a href="#">[CXXABI-1.86]</a>	

## 7.6 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.

### 7.6.1 QtGui/qabstractbutton.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.2 QtGui/qabstractitemdelegate.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.3 QtGui/qabstractitemview.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.4 QtGui/qabstractpagesetupdialog.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.5 QtGui/qabstractprintdialog.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.6 QtGui/qabstractproxymodel.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.7 QtGui/qabstractscrollarea.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.8 QtGui/qabstractslider.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.9 QtGui/qabstractspinbox.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.10 QtGui/qabstracttextdocumentlayout.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.11 QtGui/qaccessible.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.12 QtGui/qaccessiblebridge.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.13 QtGui/qaccessibleobject.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.14 QtGui/qaccessibleplugin.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
```



```
*/
```

### 7.6.15 QtGui/qaccessiblewidget.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.16 QtGui/qaction.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.17 QtGui/qactiongroup.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.18 QtGui/qapplication.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.19 QtGui/qbitmap.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.20 QtGui/qboxlayout.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.21 QtGui/qbrush.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.22 QtGui/qbuttongroup.h

```
/*
```

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### 7.6.23 QtGui/qcdestyle.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.24 QtGui/qcheckboxbox.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.25 QtGui/qclipboard.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.26 QtGui/qcolor.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.27 QtGui/qcolordialog.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.28 QtGui/qcolormap.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.29 QtGui/qcombobox.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.30 QtGui/qcommonstyle.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.31 QtGui/qcursor.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.32 QtGui/qdatetimeedit.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.33 QtGui/qdesktopwidget.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.34 QtGui/qdial.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.35 QtGui/qdialog.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.36 QtGui/qdirmodel.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.37 QtGui/qdockwidget.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

\*/

### 7.6.38 QtGui/qdrag.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.39 QtGui/qerrormessage.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.40 QtGui/qevent.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.41 QtGui/qfiledialog.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.42 QtGui/qfocusframe.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.43 QtGui/qfont.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.44 QtGui/qfontdatabase.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.45 QtGui/qfontdialog.h

/\*

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### 7.6.46 QtGui/qfontinfo.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.47 QtGui/qfontmetrics.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.48 QtGui/qframe.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.49 QtGui/qgridlayout.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.50 QtGui/qgroupbox.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.51 QtGui/qheaderview.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.52 QtGui/qicon.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.53 QtGui/qiconengine.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.54 QtGui/qiconengineplugin.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.55 QtGui/qimage.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.56 QtGui/qimageiohandler.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.57 QtGui/qimagereader.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.58 QtGui/qimagewriter.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.59 QtGui/qinputcontext.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.60 QtGui/qinputcontextfactory.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

```
*/
```

### 7.6.61 QtGui/qinputcontextplugin.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.62 QtGui/qinputdialog.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.63 QtGui/qitemdelegate.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.64 QtGui/qitemeditorfactory.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.65 QtGui/qitemselectionmodel.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.66 QtGui/qkeysequence.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.67 QtGui/qlabel.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.68 QtGui/qlayout.h

```
/*
```

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### 7.6.69 QtGui/qlayoutitem.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.70 QtGui/qlcdnumber.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.71 QtGui/qlineedit.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.72 QtGui/qlistview.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.73 QtGui/qlistwidget.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.74 QtGui/qmainwindow.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.75 QtGui/qmatrix.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```



### 7.6.76 QtGui/qmenu.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.77 QtGui/qmenubar.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.78 QtGui/qmenudata.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.79 QtGui/qmessagebox.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.80 QtGui/qmime.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.81 QtGui/qmotifstyle.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.82 QtGui/qmovie.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.83 QtGui/qpagesetupdialog.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

\*/

## 7.6.84 QtGui/qpaintdevice.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 7.6.85 QtGui/qpaintengine.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 7.6.86 QtGui/qpainter.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 7.6.87 QtGui/qpainterpath.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 7.6.88 QtGui/qpalette.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 7.6.89 QtGui/qpen.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 7.6.90 QtGui/qpicture.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 7.6.91 QtGui/qpictureformatplugin.h

/\*

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### 7.6.92 QtGui/qpixmap.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.93 QtGui/qpixmapcache.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.94 QtGui/qplastiquestyle.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.95 QtGui/qpolygon.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.96 QtGui/qprintdialog.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.97 QtGui/qprintengine.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.98 QtGui/qprinter.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.99 QtGui/qprogressbar.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.100 QtGui/qprogressdialog.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.101 QtGui/qproxymodel.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.102 QtGui/qpushbutton.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.103 QtGui/qradiobutton.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.104 QtGui/qregion.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.105 QtGui/qrgb.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.106 QtGui/qrubberband.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
```

```
*/
```

### 7.6.107 QtGui/qscrollarea.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.108 QtGui/qscrollbar.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.109 QtGui/qsessionmanager.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.110 QtGui/qshortcut.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.111 QtGui/qsizegrip.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.112 QtGui/qsizepolicy.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.113 QtGui/qslider.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.114 QtGui/qsortfilterproxymodel.h

```
/*
```

```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### 7.6.115 QtGui/qsound.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.116 QtGui/qspinbox.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.117 QtGui/qsplashscreen.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.118 QtGui/qsplitter.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.119 QtGui/qstackedlayout.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.120 QtGui/qstackedwidget.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.121 QtGui/qstandarditemmodel.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.122 QtGui/qstatusbar.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.123 QtGui/qstringlistmodel.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.124 QtGui/qstyle.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.125 QtGui/qstylefactory.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.126 QtGui/qstyleoption.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.127 QtGui/qstylepainter.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.128 QtGui/qstyleplugin.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.129 QtGui/qsyntaxhighlighter.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

\*/

### 7.6.130 QtGui/qtabbar.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.131 QtGui/qtableview.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.132 QtGui/qtablewidget.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.133 QtGui/qtabwidget.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.134 QtGui/qtextbrowser.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.135 QtGui/qtextcursor.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.136 QtGui/qtextdocument.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.137 QtGui/qtextdocumentfragment.h

/\*



```
* This header is architecture neutral
* Please refer to the generic specification for details
*/
```

### 7.6.138 QtGui/qtextedit.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.139 QtGui/qtextformat.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.140 QtGui/qtextlayout.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.141 QtGui/qtextlist.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.142 QtGui/qtextobject.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.143 QtGui/qtextoption.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.144 QtGui/qtexttable.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.145 QtGui/qtoolbar.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.146 QtGui/qtoolbox.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.147 QtGui/qtoolbutton.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.148 QtGui/qtooltip.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.149 QtGui/qtreeview.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.150 QtGui/qtreewidget.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.151 QtGui/qtreewidgetitemiterator.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.6.152 QtGui/qvalidator.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
```

```
*/
```

### 7.6.153 QtGui/qvfbhdr.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.154 QtGui/qwhatsthis.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.155 QtGui/qwidget.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.156 QtGui/qwindowdefs.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.157 QtGui/qwindowsstyle.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.158 QtGui/qwmatrix.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.6.159 QtGui/qworkspace.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

## 7.7 Interfaces for libQtXml

[Table 7-401](#) defines the library name and shared object name for the libQtXml library

**Table 7-401 libQtXml Definition**

Library:	libQtXml
SONAME:	libQtXml.so.4

The behavior of the interfaces in this library is specified by the following specifications:  
[CXXABI-1.86] [Itanium™ C++ ABI](#)

## 7.7.1 Qt4 XML

### 7.7.1.1 Class data for QXmlAttributes

The virtual table for the QXmlAttributes class is described in the generic part of this specification.

The Run Time Type Information for the QXmlAttributes class is described by [Table 7-402](#)

**Table 7-402 typeinfo for QXmlAttributes**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlAttributes

### 7.7.1.2 Class data for QXmlInputSource

The virtual table for the QXmlInputSource class is described in the generic part of this specification.

The Run Time Type Information for the QXmlInputSource class is described by [Table 7-403](#)

**Table 7-403 typeinfo for QXmlInputSource**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlInputSource

### 7.7.1.3 Class data for QXmlReader

The virtual table for the QXmlReader class is described in the generic part of this specification.

The Run Time Type Information for the QXmlReader class is described by [Table 7-404](#)

**Table 7-404 typeinfo for QXmlReader**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlReader

### 7.7.1.4 Class data for QXmlSimpleReader

The virtual table for the QXmlSimpleReader class is described in the generic part of this specification.

The Run Time Type Information for the QXmlSimpleReader class is described by [Table 7-405](#)

**Table 7-405 typeinfo for QXmlSimpleReader**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QXmlSimpleReader

basetype:	typeinfo for QXmlReader
-----------	-------------------------

### 7.7.1.5 Class data for QXmlLocator

The virtual table for the QXmlLocator class is described in the generic part of this specification.

The Run Time Type Information for the QXmlLocator class is described by [Table 7-406](#)

**Table 7-406 typeinfo for QXmlLocator**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlLocator

### 7.7.1.6 Class data for QXmlContentHandler

The virtual table for the QXmlContentHandler class is described in the generic part of this specification.

The Run Time Type Information for the QXmlContentHandler class is described by [Table 7-407](#)

**Table 7-407 typeinfo for QXmlContentHandler**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlContentHandler

### 7.7.1.7 Class data for QXmlErrorHandler

The virtual table for the QXmlErrorHandler class is described in the generic part of this specification.

The Run Time Type Information for the QXmlErrorHandler class is described by [Table 7-408](#)

**Table 7-408 typeinfo for QXmlErrorHandler**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlErrorHandler

### 7.7.1.8 Class data for QXmlDTDHandler

The virtual table for the QXmlDTDHandler class is described in the generic part of this specification.

The Run Time Type Information for the QXmlDTDHandler class is described by [Table 7-409](#)

**Table 7-409 typeinfo for QXmlDTDHandler**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlDTDHandler

### 7.7.1.9 Class data for QXmlEntityResolver

The virtual table for the QXmlEntityResolver class is described in the generic part of this specification.

The Run Time Type Information for the QXmlEntityResolver class is described by [Table 7-410](#)

**Table 7-410 typeinfo for QXmlEntityResolver**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlEntityResolver

**7.7.1.10 Class data for QXmlLexicalHandler**

The virtual table for the QXmlLexicalHandler class is described in the generic part of this specification.

The Run Time Type Information for the QXmlLexicalHandler class is described by [Table 7-411](#)

**Table 7-411 typeinfo for QXmlLexicalHandler**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlLexicalHandler

**7.7.1.11 Class data for QXmlDeclHandler**

The virtual table for the QXmlDeclHandler class is described in the generic part of this specification.

The Run Time Type Information for the QXmlDeclHandler class is described by [Table 7-412](#)

**Table 7-412 typeinfo for QXmlDeclHandler**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QXmlDeclHandler

**7.7.1.12 Class data for QXmlDefaultHandler**

The virtual table for the QXmlDefaultHandler class is described by [Table 7-413](#)

**Table 7-413 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&, QDomAttributes const&)
vfunc[8]:	QXmlDefaultHandler::endElement(QString const&, QString const&, QString const&)
vfunc[9]:	QXmlDefaultHandler::characters(QString const&)
vfunc[10]:	QXmlDefaultHandler::ignoreWhiteSpace(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&, QDomInputSource*&)
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&)

**Table 7-414 Secondary vtable for QXmlDefaultHandler**

Base Offset	-8
Virtual Base Offset	0
RTTI	typeinfo for QXmlDefaultHandler
vfunc[0]:	NULL or non-virtual thunk to QXmlDefaultHandler::~~QXmlDefaultHandler()
vfunc[1]:	NULL or non-virtual thunk to QXmlDefaultHandler::~~QXmlDefaultHandler()
vfunc[2]:	non-virtual thunk to QXmlDefaultHandler::warning(QXmlParseException const&)
vfunc[3]:	non-virtual thunk to QXmlDefaultHandler::error(QXmlParseException const&)
vfunc[4]:	non-virtual thunk to QXmlDefaultHandler::fatalError(QXmlParseException const&)
vfunc[5]:	non-virtual thunk to QXmlDefaultHandler::errorString() const

**Table 7-415 Secondary vtable for QXmlDefaultHandler**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QXmlDefaultHandler
vfunc[0]:	NULL or non-virtual thunk to QXmlDefaultHandler::~~QXmlDefaultHandler()
vfunc[1]:	NULL or non-virtual thunk to QXmlDefaultHandler::~~QXmlDefaultHandler()
vfunc[2]:	non-virtual thunk to QXmlDefaultHandler::notationDecl(QString const&, QString const&, QString const&)
vfunc[3]:	non-virtual thunk to QXmlDefaultHandler::unparsedEntityDecl(QString const&, QString const&, QString const&, QString const&)
vfunc[4]:	non-virtual thunk to QXmlDefaultHandler::errorString() const

**Table 7-416 Secondary vtable for QXmlDefaultHandler**

Base Offset	-24
Virtual Base Offset	0
RTTI	typeinfo for QXmlDefaultHandler
vfunc[0]:	NULL or non-virtual thunk to QXmlDefaultHandler::~~QXmlDefaultH



	andler()
vfunc[1]:	NULL or non-virtual thunk to QXmlDefaultHandler::~~QXmlDefaultH andler()
vfunc[2]:	non-virtual thunk to QXmlDefaultHandler::resolveEntity(QS tring const&, QString const&, QXmlInputSource*&)
vfunc[3]:	non-virtual thunk to QXmlDefaultHandler::errorString() const

**Table 7-417 Secondary vtable for QXmlDefaultHandler**

Base Offset	-32
Virtual Base Offset	0
RTTI	typeinfo for QXmlDefaultHandler
vfunc[0]:	NULL or non-virtual thunk to QXmlDefaultHandler::~~QXmlDefaultH andler()
vfunc[1]:	NULL or non-virtual thunk to QXmlDefaultHandler::~~QXmlDefaultH andler()
vfunc[2]:	non-virtual thunk to QXmlDefaultHandler::startDTD(QStrin g const&, QString const&, QString const&)
vfunc[3]:	non-virtual thunk to QXmlDefaultHandler::endDTD()
vfunc[4]:	non-virtual thunk to QXmlDefaultHandler::startEntity(QStrin g const&)
vfunc[5]:	non-virtual thunk to QXmlDefaultHandler::endEntity(QStrin g const&)
vfunc[6]:	non-virtual thunk to QXmlDefaultHandler::startCDATA()
vfunc[7]:	non-virtual thunk to QXmlDefaultHandler::endCDATA()
vfunc[8]:	non-virtual thunk to QXmlDefaultHandler::comment(QStrin g const&)
vfunc[9]:	non-virtual thunk to QXmlDefaultHandler::errorString() const

**Table 7-418 Secondary vtable for QXmlDefaultHandler**

Base Offset	-40
Virtual Base Offset	0
RTTI	typeinfo for QXmlDefaultHandler
vfunc[0]:	NULL or non-virtual thunk to QXmlDefaultHandler::~~QXmlDefaultH

	andler()
vfunc[1]:	NULL or non-virtual thunk to QXmlDefaultHandler::~~QXmlDefaultH andler()
vfunc[2]:	non-virtual thunk to QXmlDefaultHandler::attributeDecl(QSt ring const&, QString const&, QString const&, QString const&, QString const&)
vfunc[3]:	non-virtual thunk to QXmlDefaultHandler::internalEntityDec l(QString const&, QString const&)
vfunc[4]:	non-virtual thunk to QXmlDefaultHandler::externalEntityDe cl(QString const&, QString const&, QString const&)
vfunc[5]:	non-virtual thunk to QXmlDefaultHandler::errorString() const

The Run Time Type Information for the QXmlDefaultHandler class is described by [Table 7-419](#)

**Table 7-419 typeinfo for QXmlDefaultHandler**

Base Vtable	vtable for __cxxabiv1::__vmi_class _type_info	2
Name	typeinfo name for QXmlDefaultHandler	
flags:	0	
basetype:	typeinfo for QXmlContentHandler	
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

### 7.7.1.13 Interfaces for Qt4 XML

An LSB conforming implementation shall provide the architecture specific functions for Qt4 XML specified in [Table 7-420](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-420 libQtXml - Qt4 XML Function Interfaces**

_ZThn16_N18QXmlDefaultHandler12no tationDeclERK7QStringS2_S2_ <a href="#">[CXXABI-1.86]</a>	_ZThn16_N18QXmlDefaultHandler18u nparsedEntityDeclERK7QStringS2_S2_ S2_ <a href="#">[CXXABI-1.86]</a>
---	---

_ZThn16_NK18QXmlDefaultHandler11 errorStringEv <a href="#">[CXXABI-1.86]</a>	_ZThn24_N18QXmlDefaultHandler13re solveEntityERK7QStringS2_RP15QXm lInputSource <a href="#">[CXXABI-1.86]</a>
_ZThn24_NK18QXmlDefaultHandler11 errorStringEv <a href="#">[CXXABI-1.86]</a>	_ZThn32_N18QXmlDefaultHandler10st artCDATAEv <a href="#">[CXXABI-1.86]</a>
_ZThn32_N18QXmlDefaultHandler11st artEntityERK7QString <a href="#">[CXXABI-1.86]</a>	_ZThn32_N18QXmlDefaultHandler6en dDTDEv <a href="#">[CXXABI-1.86]</a>
_ZThn32_N18QXmlDefaultHandler7co mmentERK7QString <a href="#">[CXXABI-1.86]</a>	_ZThn32_N18QXmlDefaultHandler8en dCDATAEv <a href="#">[CXXABI-1.86]</a>
_ZThn32_N18QXmlDefaultHandler8sta rtDTERK7QStringS2_S2_ <a href="#">[CXXABI-1.86]</a>	_ZThn32_N18QXmlDefaultHandler9en dEntityERK7QString <a href="#">[CXXABI-1.86]</a>
_ZThn32_NK18QXmlDefaultHandler11 errorStringEv <a href="#">[CXXABI-1.86]</a>	_ZThn40_N18QXmlDefaultHandler13at tributeDeclERK7QStringS2_S2_S2_S2_ <a href="#">[CXXABI-1.86]</a>
_ZThn40_N18QXmlDefaultHandler18e xternalEntityDeclERK7QStringS2_S2_ <a href="#">[CXXABI-1.86]</a>	_ZThn40_N18QXmlDefaultHandler18in ternalEntityDeclERK7QStringS2_ <a href="#">[CXXABI-1.86]</a>
_ZThn40_NK18QXmlDefaultHandler11 errorStringEv <a href="#">[CXXABI-1.86]</a>	_ZThn8_N18QXmlDefaultHandler10fat alErrorERK18QXmlParseException <a href="#">[CXXABI-1.86]</a>
_ZThn8_N18QXmlDefaultHandler5erro rERK18QXmlParseException <a href="#">[CXXABI-1.86]</a>	_ZThn8_N18QXmlDefaultHandler7war ningERK18QXmlParseException <a href="#">[CXXABI-1.86]</a>
_ZThn8_NK18QXmlDefaultHandler11e rrorStringEv <a href="#">[CXXABI-1.86]</a>	

## 7.8 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.

### 7.8.1 QtXml/qdom.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.8.2 QtXml/qxml.h

```

/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */

```

## 7.9 Interfaces for libQtOpenGL

[Table 7-421](#) defines the library name and shared object name for the libQtOpenGL library

**Table 7-421 libQtOpenGL Definition**

Library:	libQtOpenGL
SONAME:	libQtOpenGL.so.4

The behavior of the interfaces in this library is specified by the following specifications:  
[CXXABI-1.86] [Itanium™ C++ ABI](#)

### 7.9.1 Qt4 OpenGL

#### 7.9.1.1 Class data for QGLContext

The virtual table for the QGLContext class is described in the generic part of this specification.

The Run Time Type Information for the QGLContext class is described by [Table 7-422](#)

**Table 7-422 typeinfo for QGLContext**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QGLContext

#### 7.9.1.2 Class data for QGLWidget

The virtual table for the QGLWidget class is described by [Table 7-423](#)

**Table 7-423 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*)
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::Input

	MethodQuery) 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()

**Table 7-424 Secondary vtable for QGLWidget**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QGLWidget
vfunc[0]:	non-virtual thunk to QGLWidget::~~QGLWidget()
vfunc[1]:	non-virtual thunk to QGLWidget::~~QGLWidget()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QGLWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QGLWidget class is described by [Table 7-425](#)

**Table 7-425 typeinfo for QGLWidget**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGLWidget
basetype:	typeinfo for QWidget

### 7.9.1.3 Class data for QGLPixelBuffer

The virtual table for the QGLPixelBuffer class is described in the generic part of this specification.

The Run Time Type Information for the QGLPixelBuffer class is described by [Table 7-426](#)

**Table 7-426 typeinfo for QGLPixelBuffer**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGLPixelBuffer
basetype:	typeinfo for QPaintDevice

#### 7.9.1.4 Class data for QGLFramebufferObject

The virtual table for the QGLFramebufferObject class is described in the generic part of this specification.

The Run Time Type Information for the QGLFramebufferObject class is described by [Table 7-427](#)

**Table 7-427 typeinfo for QGLFramebufferObject**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QGLFramebufferObject
basetype:	typeinfo for QPaintDevice

#### 7.9.1.5 Interfaces for Qt4 OpenGL

An LSB conforming implementation shall provide the architecture specific functions for Qt4 OpenGL specified in [Table 7-428](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-428 libQtOpenGL - Qt4 OpenGL Function Interfaces**

<a href="#">_ZThn16_N9QGLWidgetD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QGLWidgetD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_NK9QGLWidget11paintEngineEv</a> <a href="#">[CXXABI-1.86]</a>	

## 7.10 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.

### 7.10.1 QtOpenGL/qgl.h

/\*

```

* This header is architecture neutral
* Please refer to the generic specification for details
*/

```

## 7.10.2 QtOpenGL/qglcolormap.h

```

/*
* This header is architecture neutral
* Please refer to the generic specification for details
*/

```

## 7.10.3 QtOpenGL/qglpixelbuffer.h

```

/*
* This header is architecture neutral
* Please refer to the generic specification for details
*/

```

## 7.11 Interfaces for libQtSql

[Table 7-429](#) defines the library name and shared object name for the libQtSql library

**Table 7-429 libQtSql Definition**

Library:	libQtSql
SONAME:	libQtSql.so.4

The behavior of the interfaces in this library is specified by the following specifications:  
[CXXABI-1.86] [Itanium™ C++ ABI](#)

### 7.11.1 Qt4 SQL

#### 7.11.1.1 Class data for QSqlResult

The virtual table for the QSqlResult class is described in the generic part of this specification.

The Run Time Type Information for the QSqlResult class is described by [Table 7-430](#)

**Table 7-430 typeinfo for QSqlResult**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QSqlResult

#### 7.11.1.2 Class data for QSqlDriverFactoryInterface

The virtual table for the QSqlDriverFactoryInterface class is described in the generic part of this specification.

The Run Time Type Information for the QSqlDriverFactoryInterface class is described by [Table 7-431](#)

**Table 7-431 typeinfo for QSqlDriverFactoryInterface**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlDriverFactoryInterface
basetype:	typeinfo for QFactoryInterface



### 7.11.1.3 Class data for QSqlDriverPlugin

The virtual table for the QSqlDriverPlugin class is described by [Table 7-432](#)

**Table 7-432 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

**Table 7-433 Secondary vtable for QSqlDriverPlugin**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QSqlDriverPlugin
vfunc[0]:	non-virtual thunk to QSqlDriverPlugin::~~QSqlDriverPlugin()
vfunc[1]:	non-virtual thunk to QSqlDriverPlugin::~~QSqlDriverPlugin()
vfunc[2]:	__cxa_pure_virtual
vfunc[3]:	__cxa_pure_virtual

The Run Time Type Information for the QSqlDriverPlugin class is described by [Table 7-434](#)

**Table 7-434 typeinfo for QSqlDriverPlugin**

Base Vtable	vtable for __cxxabiv1::__vmi_class_type_info	2 2050
Name	typeinfo name for QSqlDriverPlugin	
flags:	0	
basetype:	typeinfo for QObject	
basetype:	typeinfo for	

	QSqlDriverFactoryInterface	
--	----------------------------	--

#### 7.11.1.4 Class data for QSqlDriver

The virtual table for the QSqlDriver class is described in the generic part of this specification.

The Run Time Type Information for the QSqlDriver class is described by [Table 7-435](#)

**Table 7-435 typeinfo for QSqlDriver**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlDriver
basetype:	typeinfo for QObject

#### 7.11.1.5 Class data for QSqlQueryModel

The virtual table for the QSqlQueryModel class is described in the generic part of this specification.

The Run Time Type Information for the QSqlQueryModel class is described by [Table 7-436](#)

**Table 7-436 typeinfo for QSqlQueryModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlQueryModel
basetype:	typeinfo for QAbstractTableModel

#### 7.11.1.6 Class data for QSqlTableModel

The virtual table for the QSqlTableModel class is described in the generic part of this specification.

The Run Time Type Information for the QSqlTableModel class is described by [Table 7-437](#)

**Table 7-437 typeinfo for QSqlTableModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlTableModel
basetype:	typeinfo for QSqlQueryModel

#### 7.11.1.7 Class data for QSqlRelationalTableModel

The virtual table for the QSqlRelationalTableModel class is described in the generic part of this specification.

The Run Time Type Information for the QSqlRelationalTableModel class is described by [Table 7-438](#)

**Table 7-438 typeinfo for QSqlRelationalTableModel**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSqlRelationalTableModel
basetype:	typeinfo for QSqlTableModel

### 7.11.1.8 Interfaces for Qt4 SQL

An LSB conforming implementation shall provide the architecture specific functions for Qt4 SQL specified in [Table 7-439](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-439 libQtSql - Qt4 SQL Function Interfaces**

<a href="#">_ZThn16_N16QSqlDriverPluginD0Ev [CXXABI-1.86]</a>	<a href="#">_ZThn16_N16QSqlDriverPluginD1Ev [CXXABI-1.86]</a>
---	---

## 7.12 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.

### 7.12.1 QtSql/qsq.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.12.2 QtSql/qsqldatabase.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.12.3 QtSql/qsqldriver.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.12.4 QtSql/qsqldriverplugin.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**7.12.5 QSql/qsqlerror.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**7.12.6 QSql/qsqlfield.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**7.12.7 QSql/qsqlindex.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**7.12.8 QSql/qsqlquery.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**7.12.9 QSql/qsqlquerymodel.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**7.12.10 QSql/qsqlrecord.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**7.12.11 QSql/qsqlrelationaltablemodel.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

**7.12.12 QSql/qsqlresult.h**

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
```

```
*/
```

### 7.12.13 QtSql/qsqldatabase.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 7.13 Interfaces for libQtSvg

[Table 7-440](#) defines the library name and shared object name for the libQtSvg library

**Table 7-440 libQtSvg Definition**

Library:	libQtSvg
SONAME:	libQtSvg.so.4

The behavior of the interfaces in this library is specified by the following specifications:  
[CXXABI-1.86] [Itanium™ C++ ABI](#)

### 7.13.1 Qt4 Svg

#### 7.13.1.1 Class data for QSvgRenderer

The virtual table for the QSvgRenderer class is described in the generic part of this specification.

The Run Time Type Information for the QSvgRenderer class is described by [Table 7-441](#)

**Table 7-441 typeid for QSvgRenderer**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeid name for QSvgRenderer
basetype:	typeid for QObject

#### 7.13.1.2 Class data for QSvgWidget

The virtual table for the QSvgWidget class is described by [Table 7-442](#)

**Table 7-442 Primary vtable for QSvgWidget**

Base Offset	0
Virtual Base Offset	0
RTTI	typeid 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]:	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]:	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&)
vfunc[51]:	QWidget::fontChange(QFont const&)
vfunc[52]:	QWidget::windowActivationChange(bool)
vfunc[53]:	QWidget::languageChange()

**Table 7-443 Secondary vtable for QSvgWidget**

Base Offset	-16
Virtual Base Offset	0
RTTI	typeinfo for QSvgWidget
vfunc[0]:	non-virtual thunk to QSvgWidget::~~QSvgWidget()
vfunc[1]:	non-virtual thunk to QSvgWidget::~~QSvgWidget()
vfunc[2]:	non-virtual thunk to QWidget::devType() const
vfunc[3]:	non-virtual thunk to QWidget::paintEngine() const
vfunc[4]:	non-virtual thunk to QWidget::metric(QPaintDevice::PaintDeviceMetric) const

The Run Time Type Information for the QSvgWidget class is described by [Table 7-444](#)

**Table 7-444 typeinfo for QSvgWidget**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QSvgWidget
basetype:	typeinfo for QWidget

### 7.13.1.3 Interfaces for Qt4 Svg

An LSB conforming implementation shall provide the architecture specific functions for Qt4 Svg specified in [Table 7-445](#), with the full mandatory functionality as described in the referenced underlying specification.

**Table 7-445 libQtSvg - Qt4 Svg Function Interfaces**

<a href="#">_ZThn16_N10QSvgWidgetD0Ev</a> <a href="#">[CXXABI-1.86]</a>	<a href="#">_ZThn16_N10QSvgWidgetD1Ev</a> <a href="#">[CXXABI-1.86]</a>
<a href="#">_ZThn16_N16QGraphicsSvgItem5paintEP8QPainterPK24QStyleOptionGraphic</a>	<a href="#">_ZThn16_NK16QGraphicsSvgItem12boundingRectEv</a> <a href="#">[CXXABI-1.86]</a>

sItemP7QWidget <a href="#">[CXXABI-1.86]</a>	
_ZThn16_NK16QGraphicsSvgItem4typeEv <a href="#">[CXXABI-1.86]</a>	

## 7.14 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.

### 7.14.1 QtSvg/qsvgrenderer.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.14.2 QtSvg/qsvgwidget.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

## 7.15 Interfaces for libQtNetwork

[Table 7-446](#) defines the library name and shared object name for the libQtNetwork library

**Table 7-446 libQtNetwork Definition**

Library:	libQtNetwork
SONAME:	libQtNetwork.so.4

### 7.15.1 Qt4 Network

#### 7.15.1.1 Class data for QHttpHeader

The virtual table for the QHttpHeader class is described in the generic part of this specification.

The Run Time Type Information for the QHttpHeader class is described by [Table 7-447](#)

**Table 7-447 typeinfo for QHttpHeader**

Base Vtable	vtable for __cxxabiv1::__class_type_info
-------------	---



Name	typeinfo name for QHttpHeader
------	-------------------------------

### 7.15.1.2 Class data for QHttpResponseHeader

The virtual table for the QHttpResponseHeader class is described in the generic part of this specification.

The Run Time Type Information for the QHttpResponseHeader class is described by [Table 7-448](#)

**Table 7-448 typeinfo for QHttpResponseHeader**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHttpResponseHeader
basetype:	typeinfo for QHttpHeader

### 7.15.1.3 Class data for QHttpRequestHeader

The virtual table for the QHttpRequestHeader class is described in the generic part of this specification.

The Run Time Type Information for the QHttpRequestHeader class is described by [Table 7-449](#)

**Table 7-449 typeinfo for QHttpRequestHeader**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHttpRequestHeader
basetype:	typeinfo for QHttpHeader

### 7.15.1.4 Class data for QHttp

The virtual table for the QHttp class is described in the generic part of this specification.

The Run Time Type Information for the QHttp class is described by [Table 7-450](#)

**Table 7-450 typeinfo for QHttp**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QHttp
basetype:	typeinfo for QObject

### 7.15.1.5 Class data for QAbstractSocket

The virtual table for the QAbstractSocket class is described in the generic part of this specification.

The Run Time Type Information for the QAbstractSocket class is described by [Table 7-451](#)

**Table 7-451 typeinfo for QAbstractSocket**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QAbstractSocket
basetype:	typeinfo for QIODevice

**7.15.1.6 Class data for QUrlInfo**

The virtual table for the QUrlInfo class is described in the generic part of this specification.

The Run Time Type Information for the QUrlInfo class is described by [Table 7-452](#)

**Table 7-452 typeinfo for QUrlInfo**

Base Vtable	vtable for __cxxabiv1::__class_type_info
Name	typeinfo name for QUrlInfo

**7.15.1.7 Class data for QFtp**

The virtual table for the QFtp class is described in the generic part of this specification.

The Run Time Type Information for the QFtp class is described by [Table 7-453](#)

**Table 7-453 typeinfo for QFtp**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QFtp
basetype:	typeinfo for QObject

**7.15.1.8 Class data for QTcpServer**

The virtual table for the QTcpServer class is described in the generic part of this specification.

The Run Time Type Information for the QTcpServer class is described by [Table 7-454](#)

**Table 7-454 typeinfo for QTcpServer**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QTcpServer
basetype:	typeinfo for QObject

**7.15.1.9 Class data for QUdpSocket**

The virtual table for the QUdpSocket class is described in the generic part of this specification.

The Run Time Type Information for the QUdpSocket class is described by [Table 7-455](#)

**Table 7-455 typeinfo for QUdpSocket**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
Name	typeinfo name for QUdpSocket
basetype:	typeinfo for QAbstractSocket

**7.15.1.10 Class data for QTcpSocket**

The virtual table for the QTcpSocket class is described in the generic part of this specification.

The Run Time Type Information for the QTcpSocket class is described by [Table 7-456](#)

**Table 7-456 typeinfo for QTcpSocket**

Base Vtable	vtable for __cxxabiv1::__si_class_type_info
-------------	--

Name	typeinfo name for QTcpSocket
basetype:	typeinfo for QAbstractSocket

#### 7.15.1.11 Interfaces for Qt4 Network

No external functions are defined for libQtNetwork - Qt4 Network in this part of the specification. See also the generic specification.

### 7.16 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.

#### 7.16.1 QtNetwork/qabstractsocket.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### 7.16.2 QtNetwork/qftp.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### 7.16.3 QtNetwork/qhostaddress.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

#### 7.16.4 QtNetwork/qhostinfo.h

```
/*
 * This header is architecture neutral
 * Please refer to the generic specification for details
 */
```

### 7.16.5 QtNetwork/qhttp.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.16.6 QtNetwork/qnetworkproxy.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.16.7 QtNetwork/qtcpserver.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.16.8 QtNetwork/qtcpsocket.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.16.9 QtNetwork/qudpsocket.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

### 7.16.10 QtNetwork/qurlinfo.h

```
/*  
 * This header is architecture neutral  
 * Please refer to the generic specification for details  
 */
```

## **IV Package Format and Installation**

## 8 Software Installation

### 8.1 Package Dependencies

The LSB runtime environment shall provide the following dependency.

lsb-desktop-s390x

This dependency is used to indicate that the application is dependent on features contained in the LSB Desktop module and contains architecture specific components dependent on this part of LSB Desktop.

This dependency shall have a version of 5.0.

## Annex A Alphabetical Listing of Interfaces by Library

### A.1 libGL

The behavior of the interfaces in this library is specified by the following Standards.

[OpenGL Extensions](#) [GLX]

[OpenGL 2.1](#) [OGL 2.1]

[OpenGL ABI](#) [OGL ABI]

**Table A-1 libGL Function Interfaces**

<a href="#">glAccum</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexMask</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glSecondaryColor3uiv</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glActiveTexture</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexPointer</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glSecondaryColor3us</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glActiveTextureARB</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexd</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glSecondaryColor3usv</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glAlphaFunc</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexdv</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glSecondaryColorPointer</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glAreTexturesResident</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexf</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glSelectBuffer</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glArrayElement</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexfv</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glSeparableFilter2D</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glAttachShader</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexi</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glShadeModel</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBegin</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexiv</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glShaderSource</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBeginQuery</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexs</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glStencilFunc</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBindAttribLocation</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexsv</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glStencilFuncSeparate</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBindBuffer</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexub</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glStencilMask</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBindTexture</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIndexubv</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glStencilMaskSeparate</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBitmap</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glInitNames</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glStencilOp</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBlendColor</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glInterleavedArrays</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glStencilOpSeparate</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBlendEquation</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIsBuffer</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord1d</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBlendEquationSeparate</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIsEnabled</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord1dv</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBlendFunc</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIsList</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord1f</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBlendFuncSeparate</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIsProgram</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord1fv</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBufferData</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIsQuery</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord1i</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glBufferSubData</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIsShader</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord1iv</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glCallList</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glIsTexture</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord1s</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glCallLists</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glLightModelf</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord1sv</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glClear</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glLightModelfv</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord2d</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glClearAccum</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glLightModeli</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord2dv</a> [ <a href="#">OGL 2.1</a> ]
<a href="#">glClearColor</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glLightModeliv</a> [ <a href="#">OGL 2.1</a> ]	<a href="#">glTexCoord2f</a> [ <a href="#">OGL 2.1</a> ]

<a href="#">glClearDepth[OGL 2.1]</a>	<a href="#">glLightf[OGL 2.1]</a>	<a href="#">glTexCoord2fv[OGL 2.1]</a>
<a href="#">glClearIndex[OGL 2.1]</a>	<a href="#">glLightfv[OGL 2.1]</a>	<a href="#">glTexCoord2i[OGL 2.1]</a>
<a href="#">glClearStencil[OGL 2.1]</a>	<a href="#">glLighti[OGL 2.1]</a>	<a href="#">glTexCoord2iv[OGL 2.1]</a>
<a href="#">glClientActiveTexture[OGL 2.1]</a>	<a href="#">glLightiv[OGL 2.1]</a>	<a href="#">glTexCoord2s[OGL 2.1]</a>
<a href="#">glClientActiveTextureARB[OGL 2.1]</a>	<a href="#">glLineStipple[OGL 2.1]</a>	<a href="#">glTexCoord2sv[OGL 2.1]</a>
<a href="#">glClipPlane[OGL 2.1]</a>	<a href="#">glLineWidth[OGL 2.1]</a>	<a href="#">glTexCoord3d[OGL 2.1]</a>
<a href="#">glColor3b[OGL 2.1]</a>	<a href="#">glLinkProgram[OGL 2.1]</a>	<a href="#">glTexCoord3dv[OGL 2.1]</a>
<a href="#">glColor3bv[OGL 2.1]</a>	<a href="#">glListBase[OGL 2.1]</a>	<a href="#">glTexCoord3f[OGL 2.1]</a>
<a href="#">glColor3d[OGL 2.1]</a>	<a href="#">glLoadIdentity[OGL 2.1]</a>	<a href="#">glTexCoord3fv[OGL 2.1]</a>
<a href="#">glColor3dv[OGL 2.1]</a>	<a href="#">glLoadMatrixd[OGL 2.1]</a>	<a href="#">glTexCoord3i[OGL 2.1]</a>
<a href="#">glColor3f[OGL 2.1]</a>	<a href="#">glLoadMatrixf[OGL 2.1]</a>	<a href="#">glTexCoord3iv[OGL 2.1]</a>
<a href="#">glColor3fv[OGL 2.1]</a>	<a href="#">glLoadName[OGL 2.1]</a>	<a href="#">glTexCoord3s[OGL 2.1]</a>
<a href="#">glColor3i[OGL 2.1]</a>	<a href="#">glLoadTransposeMatrixd[OGL 2.1]</a>	<a href="#">glTexCoord3sv[OGL 2.1]</a>
<a href="#">glColor3iv[OGL 2.1]</a>	<a href="#">glLoadTransposeMatrixf[OGL 2.1]</a>	<a href="#">glTexCoord4d[OGL 2.1]</a>
<a href="#">glColor3s[OGL 2.1]</a>	<a href="#">glLogicOp[OGL 2.1]</a>	<a href="#">glTexCoord4dv[OGL 2.1]</a>
<a href="#">glColor3sv[OGL 2.1]</a>	<a href="#">glMap1d[OGL 2.1]</a>	<a href="#">glTexCoord4f[OGL 2.1]</a>
<a href="#">glColor3ub[OGL 2.1]</a>	<a href="#">glMap1f[OGL 2.1]</a>	<a href="#">glTexCoord4fv[OGL 2.1]</a>
<a href="#">glColor3ubv[OGL 2.1]</a>	<a href="#">glMap2d[OGL 2.1]</a>	<a href="#">glTexCoord4i[OGL 2.1]</a>
<a href="#">glColor3ui[OGL 2.1]</a>	<a href="#">glMap2f[OGL 2.1]</a>	<a href="#">glTexCoord4iv[OGL 2.1]</a>
<a href="#">glColor3uiv[OGL 2.1]</a>	<a href="#">glMapBuffer[OGL 2.1]</a>	<a href="#">glTexCoord4s[OGL 2.1]</a>
<a href="#">glColor3us[OGL 2.1]</a>	<a href="#">glMapGrid1d[OGL 2.1]</a>	<a href="#">glTexCoord4sv[OGL 2.1]</a>
<a href="#">glColor3usv[OGL 2.1]</a>	<a href="#">glMapGrid1f[OGL 2.1]</a>	<a href="#">glTexCoordPointer[OGL 2.1]</a>
<a href="#">glColor4b[OGL 2.1]</a>	<a href="#">glMapGrid2d[OGL 2.1]</a>	<a href="#">glTexEnvf[OGL 2.1]</a>
<a href="#">glColor4bv[OGL 2.1]</a>	<a href="#">glMapGrid2f[OGL 2.1]</a>	<a href="#">glTexEnvfv[OGL 2.1]</a>
<a href="#">glColor4d[OGL 2.1]</a>	<a href="#">glMaterialf[OGL 2.1]</a>	<a href="#">glTexEnvi[OGL 2.1]</a>
<a href="#">glColor4dv[OGL 2.1]</a>	<a href="#">glMaterialfv[OGL 2.1]</a>	<a href="#">glTexEnviv[OGL 2.1]</a>
<a href="#">glColor4f[OGL 2.1]</a>	<a href="#">glMateriali[OGL 2.1]</a>	<a href="#">glTexGend[OGL 2.1]</a>
<a href="#">glColor4fv[OGL 2.1]</a>	<a href="#">glMaterialiv[OGL 2.1]</a>	<a href="#">glTexGendv[OGL 2.1]</a>
<a href="#">glColor4i[OGL 2.1]</a>	<a href="#">glMatrixMode[OGL 2.1]</a>	<a href="#">glTexGenf[OGL 2.1]</a>
<a href="#">glColor4iv[OGL 2.1]</a>	<a href="#">glMinmax[OGL 2.1]</a>	<a href="#">glTexGenfv[OGL 2.1]</a>
<a href="#">glColor4s[OGL 2.1]</a>	<a href="#">glMultMatrixd[OGL 2.1]</a>	<a href="#">glTexGeni[OGL 2.1]</a>
<a href="#">glColor4sv[OGL 2.1]</a>	<a href="#">glMultMatrixf[OGL 2.1]</a>	<a href="#">glTexGeniv[OGL 2.1]</a>
<a href="#">glColor4ub[OGL 2.1]</a>	<a href="#">glMultTransposeMatrixd[OGL 2.1]</a>	<a href="#">glTexImage1D[OGL 2.1]</a>
<a href="#">glColor4ubv[OGL 2.1]</a>	<a href="#">glMultTransposeMatrixf[OGL 2.1]</a>	<a href="#">glTexImage2D[OGL 2.1]</a>
<a href="#">glColor4ui[OGL 2.1]</a>	<a href="#">glMultiDrawArrays[OGL 2.1]</a>	<a href="#">glTexImage3D[OGL 2.1]</a>
<a href="#">glColor4uiv[OGL 2.1]</a>	<a href="#">glMultiDrawElements[OGL 2.1]</a>	<a href="#">glTexParameterf[OGL 2.1]</a>



<a href="#">glColor4us[OGL 2.1]</a>	<a href="#">glMultiTexCoord1d[OGL 2.1]</a>	<a href="#">glTexParameterfv[OGL 2.1]</a>
<a href="#">glColor4usv[OGL 2.1]</a>	<a href="#">glMultiTexCoord1dARB[OGL 2.1]</a>	<a href="#">glTexParameteri[OGL 2.1]</a>
<a href="#">glColorMask[OGL 2.1]</a>	<a href="#">glMultiTexCoord1dv[OGL 2.1]</a>	<a href="#">glTexParameteriv[OGL 2.1]</a>
<a href="#">glColorMaterial[OGL 2.1]</a>	<a href="#">glMultiTexCoord1dvARB[OGL 2.1]</a>	<a href="#">glTexSubImage1D[OGL 2.1]</a>
<a href="#">glColorPointer[OGL 2.1]</a>	<a href="#">glMultiTexCoord1f[OGL 2.1]</a>	<a href="#">glTexSubImage2D[OGL 2.1]</a>
<a href="#">glColorSubTable[OGL 2.1]</a>	<a href="#">glMultiTexCoord1fARB[OGL 2.1]</a>	<a href="#">glTexSubImage3D[OGL 2.1]</a>
<a href="#">glColorTable[OGL 2.1]</a>	<a href="#">glMultiTexCoord1fv[OGL 2.1]</a>	<a href="#">glTranslated[OGL 2.1]</a>
<a href="#">glColorTableParameterfv[OGL 2.1]</a>	<a href="#">glMultiTexCoord1fvARB[OGL 2.1]</a>	<a href="#">glTranslatef[OGL 2.1]</a>
<a href="#">glColorTableParameteriv[OGL 2.1]</a>	<a href="#">glMultiTexCoord1i[OGL 2.1]</a>	<a href="#">glUniform1f[OGL 2.1]</a>
<a href="#">glCompileShader[OGL 2.1]</a>	<a href="#">glMultiTexCoord1iARB[OGL 2.1]</a>	<a href="#">glUniform1fv[OGL 2.1]</a>
<a href="#">glCompressedTexImage1D[OGL 2.1]</a>	<a href="#">glMultiTexCoord1iv[OGL 2.1]</a>	<a href="#">glUniform1i[OGL 2.1]</a>
<a href="#">glCompressedTexImage2D[OGL 2.1]</a>	<a href="#">glMultiTexCoord1ivARB[OGL 2.1]</a>	<a href="#">glUniform1iv[OGL 2.1]</a>
<a href="#">glCompressedTexImage3D[OGL 2.1]</a>	<a href="#">glMultiTexCoord1s[OGL 2.1]</a>	<a href="#">glUniform2f[OGL 2.1]</a>
<a href="#">glCompressedTexSubImage1D[OGL 2.1]</a>	<a href="#">glMultiTexCoord1sARB[OGL 2.1]</a>	<a href="#">glUniform2fv[OGL 2.1]</a>
<a href="#">glCompressedTexSubImage2D[OGL 2.1]</a>	<a href="#">glMultiTexCoord1sv[OGL 2.1]</a>	<a href="#">glUniform2i[OGL 2.1]</a>
<a href="#">glCompressedTexSubImage3D[OGL 2.1]</a>	<a href="#">glMultiTexCoord1svARB[OGL 2.1]</a>	<a href="#">glUniform2iv[OGL 2.1]</a>
<a href="#">glConvolutionFilter1D[OGL 2.1]</a>	<a href="#">glMultiTexCoord2d[OGL 2.1]</a>	<a href="#">glUniform3f[OGL 2.1]</a>
<a href="#">glConvolutionFilter2D[OGL 2.1]</a>	<a href="#">glMultiTexCoord2dARB[OGL 2.1]</a>	<a href="#">glUniform3fv[OGL 2.1]</a>
<a href="#">glConvolutionParameterf[OGL 2.1]</a>	<a href="#">glMultiTexCoord2dv[OGL 2.1]</a>	<a href="#">glUniform3i[OGL 2.1]</a>
<a href="#">glConvolutionParameterfv[OGL 2.1]</a>	<a href="#">glMultiTexCoord2dvARB[OGL 2.1]</a>	<a href="#">glUniform3iv[OGL 2.1]</a>
<a href="#">glConvolutionParameteri[OGL 2.1]</a>	<a href="#">glMultiTexCoord2f[OGL 2.1]</a>	<a href="#">glUniform4f[OGL 2.1]</a>
<a href="#">glConvolutionParameteriv[OGL 2.1]</a>	<a href="#">glMultiTexCoord2fARB[OGL 2.1]</a>	<a href="#">glUniform4fv[OGL 2.1]</a>
<a href="#">glCopyColorSubTable[OGL 2.1]</a>	<a href="#">glMultiTexCoord2fv[OGL 2.1]</a>	<a href="#">glUniform4i[OGL 2.1]</a>
<a href="#">glCopyColorTable[OGL 2.1]</a>	<a href="#">glMultiTexCoord2fvARB[OGL 2.1]</a>	<a href="#">glUniform4iv[OGL 2.1]</a>
<a href="#">glCopyConvolutionFilter1D[OGL 2.1]</a>	<a href="#">glMultiTexCoord2i[OGL 2.1]</a>	<a href="#">glUniformMatrix2fv[OGL 2.1]</a>

<a href="#">glCopyConvolutionFilter2D[OGL 2.1]</a>	<a href="#">glMultiTexCoord2iARB[OGL 2.1]</a>	<a href="#">glUniformMatrix2x3fv[OGL 2.1]</a>
<a href="#">glCopyPixels[OGL 2.1]</a>	<a href="#">glMultiTexCoord2iv[OGL 2.1]</a>	<a href="#">glUniformMatrix2x4fv[OGL 2.1]</a>
<a href="#">glCopyTexImage1D[OGL 2.1]</a>	<a href="#">glMultiTexCoord2ivARB[OGL 2.1]</a>	<a href="#">glUniformMatrix3fv[OGL 2.1]</a>
<a href="#">glCopyTexImage2D[OGL 2.1]</a>	<a href="#">glMultiTexCoord2s[OGL 2.1]</a>	<a href="#">glUniformMatrix3x2fv[OGL 2.1]</a>
<a href="#">glCopyTexSubImage1D[OGL 2.1]</a>	<a href="#">glMultiTexCoord2sARB[OGL 2.1]</a>	<a href="#">glUniformMatrix3x4fv[OGL 2.1]</a>
<a href="#">glCopyTexSubImage2D[OGL 2.1]</a>	<a href="#">glMultiTexCoord2sv[OGL 2.1]</a>	<a href="#">glUniformMatrix4fv[OGL 2.1]</a>
<a href="#">glCopyTexSubImage3D[OGL 2.1]</a>	<a href="#">glMultiTexCoord2svARB[OGL 2.1]</a>	<a href="#">glUniformMatrix4x2fv[OGL 2.1]</a>
<a href="#">glCreateProgram[OGL 2.1]</a>	<a href="#">glMultiTexCoord3d[OGL 2.1]</a>	<a href="#">glUniformMatrix4x3fv[OGL 2.1]</a>
<a href="#">glCreateShader[OGL 2.1]</a>	<a href="#">glMultiTexCoord3dARB[OGL 2.1]</a>	<a href="#">glUnmapBuffer[OGL 2.1]</a>
<a href="#">glCullFace[OGL 2.1]</a>	<a href="#">glMultiTexCoord3dv[OGL 2.1]</a>	<a href="#">glUseProgram[OGL 2.1]</a>
<a href="#">glDeleteBuffers[OGL 2.1]</a>	<a href="#">glMultiTexCoord3dvARB[OGL 2.1]</a>	<a href="#">glValidateProgram[OGL 2.1]</a>
<a href="#">glDeleteLists[OGL 2.1]</a>	<a href="#">glMultiTexCoord3f[OGL 2.1]</a>	<a href="#">glVertex2d[OGL 2.1]</a>
<a href="#">glDeleteProgram[OGL 2.1]</a>	<a href="#">glMultiTexCoord3fARB[OGL 2.1]</a>	<a href="#">glVertex2dv[OGL 2.1]</a>
<a href="#">glDeleteQueries[OGL 2.1]</a>	<a href="#">glMultiTexCoord3fv[OGL 2.1]</a>	<a href="#">glVertex2f[OGL 2.1]</a>
<a href="#">glDeleteShader[OGL 2.1]</a>	<a href="#">glMultiTexCoord3fvARB[OGL 2.1]</a>	<a href="#">glVertex2fv[OGL 2.1]</a>
<a href="#">glDeleteTextures[OGL 2.1]</a>	<a href="#">glMultiTexCoord3i[OGL 2.1]</a>	<a href="#">glVertex2i[OGL 2.1]</a>
<a href="#">glDepthFunc[OGL 2.1]</a>	<a href="#">glMultiTexCoord3iARB[OGL 2.1]</a>	<a href="#">glVertex2iv[OGL 2.1]</a>
<a href="#">glDepthMask[OGL 2.1]</a>	<a href="#">glMultiTexCoord3iv[OGL 2.1]</a>	<a href="#">glVertex2s[OGL 2.1]</a>
<a href="#">glDepthRange[OGL 2.1]</a>	<a href="#">glMultiTexCoord3ivARB[OGL 2.1]</a>	<a href="#">glVertex2sv[OGL 2.1]</a>
<a href="#">glDetachShader[OGL 2.1]</a>	<a href="#">glMultiTexCoord3s[OGL 2.1]</a>	<a href="#">glVertex3d[OGL 2.1]</a>
<a href="#">glDisable[OGL 2.1]</a>	<a href="#">glMultiTexCoord3sARB[OGL 2.1]</a>	<a href="#">glVertex3dv[OGL 2.1]</a>
<a href="#">glDisableClientState[OGL 2.1]</a>	<a href="#">glMultiTexCoord3sv[OGL 2.1]</a>	<a href="#">glVertex3f[OGL 2.1]</a>
<a href="#">glDisableVertexAttribArray[OGL 2.1]</a>	<a href="#">glMultiTexCoord3svARB[OGL 2.1]</a>	<a href="#">glVertex3fv[OGL 2.1]</a>
<a href="#">glDrawArrays[OGL 2.1]</a>	<a href="#">glMultiTexCoord4d[OGL 2.1]</a>	<a href="#">glVertex3i[OGL 2.1]</a>
<a href="#">glDrawBuffer[OGL 2.1]</a>	<a href="#">glMultiTexCoord4dARB[OGL 2.1]</a>	<a href="#">glVertex3iv[OGL 2.1]</a>

<a href="#">glDrawBuffers[OGL 2.1]</a>	<a href="#">glMultiTexCoord4dv[OGL 2.1]</a>	<a href="#">glVertex3s[OGL 2.1]</a>
<a href="#">glDrawElements[OGL 2.1]</a>	<a href="#">glMultiTexCoord4dvARB[OGL 2.1]</a>	<a href="#">glVertex3sv[OGL 2.1]</a>
<a href="#">glDrawPixels[OGL 2.1]</a>	<a href="#">glMultiTexCoord4f[OGL 2.1]</a>	<a href="#">glVertex4d[OGL 2.1]</a>
<a href="#">glDrawRangeElements[OGL 2.1]</a>	<a href="#">glMultiTexCoord4fARB[OGL 2.1]</a>	<a href="#">glVertex4dv[OGL 2.1]</a>
<a href="#">glEdgeFlag[OGL 2.1]</a>	<a href="#">glMultiTexCoord4fv[OGL 2.1]</a>	<a href="#">glVertex4f[OGL 2.1]</a>
<a href="#">glEdgeFlagPointer[OGL 2.1]</a>	<a href="#">glMultiTexCoord4fvARB[OGL 2.1]</a>	<a href="#">glVertex4fv[OGL 2.1]</a>
<a href="#">glEdgeFlagv[OGL 2.1]</a>	<a href="#">glMultiTexCoord4i[OGL 2.1]</a>	<a href="#">glVertex4i[OGL 2.1]</a>
<a href="#">glEnable[OGL 2.1]</a>	<a href="#">glMultiTexCoord4iARB[OGL 2.1]</a>	<a href="#">glVertex4iv[OGL 2.1]</a>
<a href="#">glEnableClientState[OGL 2.1]</a>	<a href="#">glMultiTexCoord4iv[OGL 2.1]</a>	<a href="#">glVertex4s[OGL 2.1]</a>
<a href="#">glEnableVertexAttribArray[OGL 2.1]</a>	<a href="#">glMultiTexCoord4ivARB[OGL 2.1]</a>	<a href="#">glVertex4sv[OGL 2.1]</a>
<a href="#">glEnd[OGL 2.1]</a>	<a href="#">glMultiTexCoord4s[OGL 2.1]</a>	<a href="#">glVertexAttrib1d[OGL 2.1]</a>
<a href="#">glEndList[OGL 2.1]</a>	<a href="#">glMultiTexCoord4sARB[OGL 2.1]</a>	<a href="#">glVertexAttrib1dv[OGL 2.1]</a>
<a href="#">glEvalCoord1d[OGL 2.1]</a>	<a href="#">glMultiTexCoord4sv[OGL 2.1]</a>	<a href="#">glVertexAttrib1f[OGL 2.1]</a>
<a href="#">glEvalCoord1dv[OGL 2.1]</a>	<a href="#">glMultiTexCoord4svARB[OGL 2.1]</a>	<a href="#">glVertexAttrib1fv[OGL 2.1]</a>
<a href="#">glEvalCoord1f[OGL 2.1]</a>	<a href="#">glNewList[OGL 2.1]</a>	<a href="#">glVertexAttrib1s[OGL 2.1]</a>
<a href="#">glEvalCoord1fv[OGL 2.1]</a>	<a href="#">glNormal3b[OGL 2.1]</a>	<a href="#">glVertexAttrib1sv[OGL 2.1]</a>
<a href="#">glEvalCoord2d[OGL 2.1]</a>	<a href="#">glNormal3bv[OGL 2.1]</a>	<a href="#">glVertexAttrib2d[OGL 2.1]</a>
<a href="#">glEvalCoord2dv[OGL 2.1]</a>	<a href="#">glNormal3d[OGL 2.1]</a>	<a href="#">glVertexAttrib2dv[OGL 2.1]</a>
<a href="#">glEvalCoord2f[OGL 2.1]</a>	<a href="#">glNormal3dv[OGL 2.1]</a>	<a href="#">glVertexAttrib2f[OGL 2.1]</a>
<a href="#">glEvalCoord2fv[OGL 2.1]</a>	<a href="#">glNormal3f[OGL 2.1]</a>	<a href="#">glVertexAttrib2fv[OGL 2.1]</a>
<a href="#">glEvalMesh1[OGL 2.1]</a>	<a href="#">glNormal3fv[OGL 2.1]</a>	<a href="#">glVertexAttrib2s[OGL 2.1]</a>
<a href="#">glEvalMesh2[OGL 2.1]</a>	<a href="#">glNormal3i[OGL 2.1]</a>	<a href="#">glVertexAttrib2sv[OGL 2.1]</a>
<a href="#">glEvalPoint1[OGL 2.1]</a>	<a href="#">glNormal3iv[OGL 2.1]</a>	<a href="#">glVertexAttrib3d[OGL 2.1]</a>
<a href="#">glEvalPoint2[OGL 2.1]</a>	<a href="#">glNormal3s[OGL 2.1]</a>	<a href="#">glVertexAttrib3dv[OGL 2.1]</a>
<a href="#">glFeedbackBuffer[OGL 2.1]</a>	<a href="#">glNormal3sv[OGL 2.1]</a>	<a href="#">glVertexAttrib3f[OGL 2.1]</a>

<a href="#">glFinish[OGL 2.1]</a>	<a href="#">glNormalPointer[OGL 2.1]</a>	<a href="#">glVertexAttrib3fv[OGL 2.1]</a>
<a href="#">glFlush[OGL 2.1]</a>	<a href="#">glOrtho[OGL 2.1]</a>	<a href="#">glVertexAttrib3s[OGL 2.1]</a>
<a href="#">glFogCoordPointer[OGL 2.1]</a>	<a href="#">glPassThrough[OGL 2.1]</a>	<a href="#">glVertexAttrib3sv[OGL 2.1]</a>
<a href="#">glFogCoordd[OGL 2.1]</a>	<a href="#">glPixelMapfv[OGL 2.1]</a>	<a href="#">glVertexAttrib4Nbv[OGL 2.1]</a>
<a href="#">glFogCoorddv[OGL 2.1]</a>	<a href="#">glPixelMapuiv[OGL 2.1]</a>	<a href="#">glVertexAttrib4Niv[OGL 2.1]</a>
<a href="#">glFogCoordf[OGL 2.1]</a>	<a href="#">glPixelMapusv[OGL 2.1]</a>	<a href="#">glVertexAttrib4Nsv[OGL 2.1]</a>
<a href="#">glFogCoordfv[OGL 2.1]</a>	<a href="#">glPixelStoref[OGL 2.1]</a>	<a href="#">glVertexAttrib4Nub[OGL 2.1]</a>
<a href="#">glFogf[OGL 2.1]</a>	<a href="#">glPixelStorei[OGL 2.1]</a>	<a href="#">glVertexAttrib4Nubv[OGL 2.1]</a>
<a href="#">glFogfv[OGL 2.1]</a>	<a href="#">glPixelTransferf[OGL 2.1]</a>	<a href="#">glVertexAttrib4Nuiv[OGL 2.1]</a>
<a href="#">glFogi[OGL 2.1]</a>	<a href="#">glPixelTransferi[OGL 2.1]</a>	<a href="#">glVertexAttrib4Nusv[OGL 2.1]</a>
<a href="#">glFogiv[OGL 2.1]</a>	<a href="#">glPixelZoom[OGL 2.1]</a>	<a href="#">glVertexAttrib4bv[OGL 2.1]</a>
<a href="#">glFrontFace[OGL 2.1]</a>	<a href="#">glPointParameterf[OGL 2.1]</a>	<a href="#">glVertexAttrib4d[OGL 2.1]</a>
<a href="#">glFrustum[OGL 2.1]</a>	<a href="#">glPointParameterfv[OGL 2.1]</a>	<a href="#">glVertexAttrib4dv[OGL 2.1]</a>
<a href="#">glGenBuffers[OGL 2.1]</a>	<a href="#">glPointParameteri[OGL 2.1]</a>	<a href="#">glVertexAttrib4f[OGL 2.1]</a>
<a href="#">glGenLists[OGL 2.1]</a>	<a href="#">glPointParameteriv[OGL 2.1]</a>	<a href="#">glVertexAttrib4fv[OGL 2.1]</a>
<a href="#">glGenQueries[OGL 2.1]</a>	<a href="#">glPointSize[OGL 2.1]</a>	<a href="#">glVertexAttrib4iv[OGL 2.1]</a>
<a href="#">glGenTextures[OGL 2.1]</a>	<a href="#">glPolygonMode[OGL 2.1]</a>	<a href="#">glVertexAttrib4s[OGL 2.1]</a>
<a href="#">glGetActiveAttrib[OGL 2.1]</a>	<a href="#">glPolygonOffset[OGL 2.1]</a>	<a href="#">glVertexAttrib4sv[OGL 2.1]</a>
<a href="#">glGetActiveUniform[OGL 2.1]</a>	<a href="#">glPolygonStipple[OGL 2.1]</a>	<a href="#">glVertexAttrib4ubv[OGL 2.1]</a>
<a href="#">glGetAttachedShaders[OGL 2.1]</a>	<a href="#">glPopAttrib[OGL 2.1]</a>	<a href="#">glVertexAttrib4uiv[OGL 2.1]</a>
<a href="#">glGetAttribLocation[OGL 2.1]</a>	<a href="#">glPopClientAttrib[OGL 2.1]</a>	<a href="#">glVertexAttrib4usv[OGL 2.1]</a>
<a href="#">glGetBooleanv[OGL 2.1]</a>	<a href="#">glPopMatrix[OGL 2.1]</a>	<a href="#">glVertexAttribPointer[OGL 2.1]</a>
<a href="#">glGetBufferParameteriv[OGL 2.1]</a>	<a href="#">glPopName[OGL 2.1]</a>	<a href="#">glVertexPointer[OGL 2.1]</a>
<a href="#">glGetBufferPointerv[OGL 2.1]</a>	<a href="#">glPrioritizeTextures[OGL 2.1]</a>	<a href="#">glViewport[OGL 2.1]</a>
<a href="#">glGetBufferSubData[OGL 2.1]</a>	<a href="#">glPushAttrib[OGL 2.1]</a>	<a href="#">glWindowPos2d[OGL 2.1]</a>

<a href="#">glGetClipPlane[OGL 2.1]</a>	<a href="#">glPushClientAttrib[OGL 2.1]</a>	<a href="#">glWindowPos2dv[OGL 2.1]</a>
<a href="#">glGetColorTable[OGL 2.1]</a>	<a href="#">glPushMatrix[OGL 2.1]</a>	<a href="#">glWindowPos2f[OGL 2.1]</a>
<a href="#">glGetColorTableParameterfv[OGL 2.1]</a>	<a href="#">glPushName[OGL 2.1]</a>	<a href="#">glWindowPos2fv[OGL 2.1]</a>
<a href="#">glGetColorTableParameteriv[OGL 2.1]</a>	<a href="#">glRasterPos2d[OGL 2.1]</a>	<a href="#">glWindowPos2i[OGL 2.1]</a>
<a href="#">glGetCompressedTexImage[OGL 2.1]</a>	<a href="#">glRasterPos2dv[OGL 2.1]</a>	<a href="#">glWindowPos2iv[OGL 2.1]</a>
<a href="#">glGetConvolutionFilter[OGL 2.1]</a>	<a href="#">glRasterPos2f[OGL 2.1]</a>	<a href="#">glWindowPos2s[OGL 2.1]</a>
<a href="#">glGetConvolutionParameterfv[OGL 2.1]</a>	<a href="#">glRasterPos2fv[OGL 2.1]</a>	<a href="#">glWindowPos2sv[OGL 2.1]</a>
<a href="#">glGetConvolutionParameteriv[OGL 2.1]</a>	<a href="#">glRasterPos2i[OGL 2.1]</a>	<a href="#">glWindowPos3d[OGL 2.1]</a>
<a href="#">glGetDoublev[OGL 2.1]</a>	<a href="#">glRasterPos2iv[OGL 2.1]</a>	<a href="#">glWindowPos3dv[OGL 2.1]</a>
<a href="#">glGetError[OGL 2.1]</a>	<a href="#">glRasterPos2s[OGL 2.1]</a>	<a href="#">glWindowPos3f[OGL 2.1]</a>
<a href="#">glGetFloatv[OGL 2.1]</a>	<a href="#">glRasterPos2sv[OGL 2.1]</a>	<a href="#">glWindowPos3fv[OGL 2.1]</a>
<a href="#">glGetHistogram[OGL 2.1]</a>	<a href="#">glRasterPos3d[OGL 2.1]</a>	<a href="#">glWindowPos3i[OGL 2.1]</a>
<a href="#">glGetHistogramParameterfv[OGL 2.1]</a>	<a href="#">glRasterPos3dv[OGL 2.1]</a>	<a href="#">glWindowPos3iv[OGL 2.1]</a>
<a href="#">glGetHistogramParameteriv[OGL 2.1]</a>	<a href="#">glRasterPos3f[OGL 2.1]</a>	<a href="#">glWindowPos3s[OGL 2.1]</a>
<a href="#">glGetIntegerv[OGL 2.1]</a>	<a href="#">glRasterPos3fv[OGL 2.1]</a>	<a href="#">glWindowPos3sv[OGL 2.1]</a>
<a href="#">glGetLightfv[OGL 2.1]</a>	<a href="#">glRasterPos3i[OGL 2.1]</a>	<a href="#">glXChooseFBConfig[GLX]</a>
<a href="#">glGetLightiv[OGL 2.1]</a>	<a href="#">glRasterPos3iv[OGL 2.1]</a>	<a href="#">glXChooseVisual[GLX]</a>
<a href="#">glGetMapdv[OGL 2.1]</a>	<a href="#">glRasterPos3s[OGL 2.1]</a>	<a href="#">glXCopyContext[GLX]</a>
<a href="#">glGetMapfv[OGL 2.1]</a>	<a href="#">glRasterPos3sv[OGL 2.1]</a>	<a href="#">glXCreateContext[GLX]</a>
<a href="#">glGetMapiv[OGL 2.1]</a>	<a href="#">glRasterPos4d[OGL 2.1]</a>	<a href="#">glXCreateGLXPixmap[GLX]</a>
<a href="#">glGetMaterialfv[OGL 2.1]</a>	<a href="#">glRasterPos4dv[OGL 2.1]</a>	<a href="#">glXCreateNewContext[GLX]</a>
<a href="#">glGetMaterialiv[OGL 2.1]</a>	<a href="#">glRasterPos4f[OGL 2.1]</a>	<a href="#">glXCreatePbuffer[GLX]</a>
<a href="#">glGetMinmax[OGL 2.1]</a>	<a href="#">glRasterPos4fv[OGL 2.1]</a>	<a href="#">glXCreatePixmap[GLX]</a>
<a href="#">glGetMinmaxParameterfv[OGL 2.1]</a>	<a href="#">glRasterPos4i[OGL 2.1]</a>	<a href="#">glXCreateWindow[GLX]</a>
<a href="#">glGetMinmaxParameteriv[OGL 2.1]</a>	<a href="#">glRasterPos4iv[OGL 2.1]</a>	<a href="#">glXDestroyContext[GLX]</a>
<a href="#">glGetPixelMapfv[OGL 2.1]</a>	<a href="#">glRasterPos4s[OGL 2.1]</a>	<a href="#">glXDestroyGLXPixmap[GLX]</a>
<a href="#">glGetPixelMapuiv[OGL 2.1]</a>	<a href="#">glRasterPos4sv[OGL 2.1]</a>	<a href="#">glXDestroyPbuffer[GLX]</a>

<a href="#">2.1]</a>		
<a href="#">glGetPixelMapusv[OGL 2.1]</a>	<a href="#">glReadBuffer[OGL 2.1]</a>	<a href="#">glXDestroyPixmap[GLX]</a>
<a href="#">glGetPointerv[OGL 2.1]</a>	<a href="#">glReadPixels[OGL 2.1]</a>	<a href="#">glXDestroyWindow[GLX]</a>
<a href="#">glGetPolygonStipple[OGL 2.1]</a>	<a href="#">glRectd[OGL 2.1]</a>	<a href="#">glXFreeContextEXT[GLX]</a>
<a href="#">glGetProgramInfoLog[OGL 2.1]</a>	<a href="#">glRectdv[OGL 2.1]</a>	<a href="#">glXGetClientString[GLX]</a>
<a href="#">glGetProgramiv[OGL 2.1]</a>	<a href="#">glRectf[OGL 2.1]</a>	<a href="#">glXGetConfig[GLX]</a>
<a href="#">glGetQueryObjectiv[OGL 2.1]</a>	<a href="#">glRectfv[OGL 2.1]</a>	<a href="#">glXGetContextIDEXT[GLX]</a>
<a href="#">glGetQueryObjectuiv[OGL 2.1]</a>	<a href="#">glRecti[OGL 2.1]</a>	<a href="#">glXGetCurrentContext[GLX]</a>
<a href="#">glGetQueryiv[OGL 2.1]</a>	<a href="#">glRectiv[OGL 2.1]</a>	<a href="#">glXGetCurrentDisplay[GLX]</a>
<a href="#">glGetSeparableFilter[OGL 2.1]</a>	<a href="#">glRects[OGL 2.1]</a>	<a href="#">glXGetCurrentDrawable[GLX]</a>
<a href="#">glGetShaderInfoLog[OGL 2.1]</a>	<a href="#">glRectsv[OGL 2.1]</a>	<a href="#">glXGetCurrentReadDrawable[GLX]</a>
<a href="#">glGetShaderSource[OGL 2.1]</a>	<a href="#">glRenderMode[OGL 2.1]</a>	<a href="#">glXGetFBConfigAttrib[GLX]</a>
<a href="#">glGetShaderiv[OGL 2.1]</a>	<a href="#">glResetHistogram[OGL 2.1]</a>	<a href="#">glXGetFBConfigs[GLX]</a>
<a href="#">glGetString[OGL 2.1]</a>	<a href="#">glResetMinmax[OGL 2.1]</a>	<a href="#">glXGetProcAddress[OGL 2.1]</a>
<a href="#">glGetTexEnvfv[OGL 2.1]</a>	<a href="#">glRotated[OGL 2.1]</a>	<a href="#">glXGetProcAddressARB[OGL ABI]</a>
<a href="#">glGetTexEnviv[OGL 2.1]</a>	<a href="#">glRotatef[OGL 2.1]</a>	<a href="#">glXGetSelectedEvent[GLX]</a>
<a href="#">glGetTexGendv[OGL 2.1]</a>	<a href="#">glSampleCoverage[OGL 2.1]</a>	<a href="#">glXGetVisualFromFBConfig[GLX]</a>
<a href="#">glGetTexGenfv[OGL 2.1]</a>	<a href="#">glScaled[OGL 2.1]</a>	<a href="#">glXImportContextEXT[GLX]</a>
<a href="#">glGetTexGeniv[OGL 2.1]</a>	<a href="#">glScalef[OGL 2.1]</a>	<a href="#">glXIsDirect[GLX]</a>
<a href="#">glGetTexImage[OGL 2.1]</a>	<a href="#">glScissor[OGL 2.1]</a>	<a href="#">glXMakeContextCurrent[GLX]</a>
<a href="#">glGetTexLevelParameterfv[OGL 2.1]</a>	<a href="#">glSecondaryColor3b[OGL 2.1]</a>	<a href="#">glXMakeCurrent[GLX]</a>
<a href="#">glGetTexLevelParameteriv[OGL 2.1]</a>	<a href="#">glSecondaryColor3bv[OGL 2.1]</a>	<a href="#">glXQueryContext[GLX]</a>
<a href="#">glGetTexParameterfv[OGL 2.1]</a>	<a href="#">glSecondaryColor3d[OGL 2.1]</a>	<a href="#">glXQueryContextInfoEXT[GLX]</a>
<a href="#">glGetTexParameteriv[OGL 2.1]</a>	<a href="#">glSecondaryColor3dv[OGL 2.1]</a>	<a href="#">glXQueryDrawable[GLX]</a>
<a href="#">glGetUniformLocation[OGL 2.1]</a>	<a href="#">glSecondaryColor3f[OGL 2.1]</a>	<a href="#">glXQueryExtension[GLX]</a>
<a href="#">glGetUniformfv[OGL 2.1]</a>	<a href="#">glSecondaryColor3fv[OGL 2.1]</a>	<a href="#">glXQueryExtensionsString[GLX]</a>

<a href="#">2.1]</a>	<a href="#">L 2.1]</a>	<a href="#">g[GLX]</a>
<a href="#">glGetUniformiv[OGL 2.1]</a>	<a href="#">glSecondaryColor3i[OGL 2.1]</a>	<a href="#">glXQueryServerString[GLX]</a>
<a href="#">glGetVertexAttribPointer v[OGL 2.1]</a>	<a href="#">glSecondaryColor3iv[OGL 2.1]</a>	<a href="#">glXQueryVersion[GLX]</a>
<a href="#">glGetVertexAttribdv[OGL 2.1]</a>	<a href="#">glSecondaryColor3s[OGL 2.1]</a>	<a href="#">glXSelectEvent[GLX]</a>
<a href="#">glGetVertexAttribfv[OGL 2.1]</a>	<a href="#">glSecondaryColor3sv[OGL 2.1]</a>	<a href="#">glXSwapBuffers[GLX]</a>
<a href="#">glGetVertexAttribiv[OGL 2.1]</a>	<a href="#">glSecondaryColor3ub[OGL 2.1]</a>	<a href="#">glXUseXFont[GLX]</a>
<a href="#">glHint[OGL 2.1]</a>	<a href="#">glSecondaryColor3ubv[OGL 2.1]</a>	<a href="#">glXWaitGL[GLX]</a>
<a href="#">glHistogram[OGL 2.1]</a>	<a href="#">glSecondaryColor3ui[OGL 2.1]</a>	<a href="#">glXWaitX[GLX]</a>

## A.2 libGLU

The behavior of the interfaces in this library is specified by the following Standards.  
[OpenGL Utilities \[GLU\]](#)

**Table A-2 libGLU Function Interfaces**

<a href="#">gluBeginCurve[GLU]</a>	<a href="#">gluErrorString[GLU]</a>	<a href="#">gluProject[GLU]</a>
<a href="#">gluBeginPolygon[GLU]</a>	<a href="#">gluGetNurbsProperty[GLU]</a>	<a href="#">gluPwlCurve[GLU]</a>
<a href="#">gluBeginSurface[GLU]</a>	<a href="#">gluGetString[GLU]</a>	<a href="#">gluQuadricCallback[GLU]</a>
<a href="#">gluBeginTrim[GLU]</a>	<a href="#">gluGetTessProperty[GLU]</a>	<a href="#">gluQuadricDrawStyle[GLU]</a>
<a href="#">gluBuild1DMipmapLevels[GLU]</a>	<a href="#">gluLoadSamplingMatrices[GLU]</a>	<a href="#">gluQuadricNormals[GLU]</a>
<a href="#">gluBuild1DMipmaps[GLU]</a>	<a href="#">gluLookAt[GLU]</a>	<a href="#">gluQuadricOrientation[GLU]</a>
<a href="#">gluBuild2DMipmapLevels[GLU]</a>	<a href="#">gluNewNurbsRenderer[GLU]</a>	<a href="#">gluQuadricTexture[GLU]</a>
<a href="#">gluBuild2DMipmaps[GLU]</a>	<a href="#">gluNewQuadric[GLU]</a>	<a href="#">gluScaleImage[GLU]</a>
<a href="#">gluBuild3DMipmapLevels[GLU]</a>	<a href="#">gluNewTess[GLU]</a>	<a href="#">gluSphere[GLU]</a>
<a href="#">gluBuild3DMipmaps[GLU]</a>	<a href="#">gluNextContour[GLU]</a>	<a href="#">gluTessBeginContour[GLU]</a>
<a href="#">gluCheckExtension[GLU]</a>	<a href="#">gluNurbsCallback[GLU]</a>	<a href="#">gluTessBeginPolygon[GLU]</a>
<a href="#">gluCylinder[GLU]</a>	<a href="#">gluNurbsCallbackData[GLU]</a>	<a href="#">gluTessCallback[GLU]</a>
<a href="#">gluDeleteNurbsRenderer[GLU]</a>	<a href="#">gluNurbsCallbackDataEXT[GLU]</a>	<a href="#">gluTessEndContour[GLU]</a>
<a href="#">gluDeleteQuadric[GLU]</a>	<a href="#">gluNurbsCurve[GLU]</a>	<a href="#">gluTessEndPolygon[GLU]</a>
<a href="#">gluDeleteTess[GLU]</a>	<a href="#">gluNurbsProperty[GLU]</a>	<a href="#">gluTessNormal[GLU]</a>



<a href="#">gluDisk[GLU]</a>	<a href="#">gluNurbsSurface[GLU]</a>	<a href="#">gluTessProperty[GLU]</a>
<a href="#">gluEndCurve[GLU]</a>	<a href="#">gluOrtho2D[GLU]</a>	<a href="#">gluTessVertex[GLU]</a>
<a href="#">gluEndPolygon[GLU]</a>	<a href="#">gluPartialDisk[GLU]</a>	<a href="#">gluUnProject[GLU]</a>
<a href="#">gluEndSurface[GLU]</a>	<a href="#">gluPerspective[GLU]</a>	<a href="#">gluUnProject4[GLU]</a>
<a href="#">gluEndTrim[GLU]</a>	<a href="#">gluPickMatrix[GLU]</a>	

### A.3 libICE

The behavior of the interfaces in this library is specified by the following Standards.

[This Specification](#) [LSB]

[X11 Inter-Client Exchange](#) [XICE]

**Table A-3 libICE Function Interfaces**

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



## A.4 libSM

The behavior of the interfaces in this library is specified by the following Standards.  
[X11 Session Management](#) [XSM]

**Table A-4 libSM Function Interfaces**

<a href="#">SmFreeProperty</a> [XSM]	<a href="#">SmcRelease</a> [XSM]	<a href="#">SmsInitialize</a> [XSM]
<a href="#">SmFreeReasons</a> [XSM]	<a href="#">SmcRequestSaveYourself</a> [XSM]	<a href="#">SmsInteract</a> [XSM]
<a href="#">SmcClientID</a> [XSM]	<a href="#">SmcRequestSaveYourself</a> Phase2[XSM]	<a href="#">SmsProtocolRevision</a> [XS M]
<a href="#">SmcCloseConnection</a> [XS M]	<a href="#">SmcSaveYourselfDone</a> [X SM]	<a href="#">SmsProtocolVersion</a> [XS M]
<a href="#">SmcDeleteProperties</a> [XS M]	<a href="#">SmcSetErrorHandler</a> [XS M]	<a href="#">SmsRegisterClientReply</a> [ XSM]
<a href="#">SmcGetIceConnection</a> [X SM]	<a href="#">SmcSetProperties</a> [XSM]	<a href="#">SmsReturnProperties</a> [XS M]
<a href="#">SmcGetProperties</a> [XSM]	<a href="#">SmcVendor</a> [XSM]	<a href="#">SmsSaveComplete</a> [XSM]
<a href="#">SmcInteractDone</a> [XSM]	<a href="#">SmsCleanUp</a> [XSM]	<a href="#">SmsSaveYourself</a> [XSM]
<a href="#">SmcInteractRequest</a> [XSM l]	<a href="#">SmsClientHostName</a> [XS M]	<a href="#">SmsSaveYourselfPhase2</a> [ XSM]
<a href="#">SmcModifyCallbacks</a> [XS M]	<a href="#">SmsClientID</a> [XSM]	<a href="#">SmsSetErrorHandler</a> [XS M]
<a href="#">SmcOpenConnection</a> [XS M]	<a href="#">SmsDie</a> [XSM]	<a href="#">SmsShutdownCancelled</a> [ XSM]
<a href="#">SmcProtocolRevision</a> [XS M]	<a href="#">SmsGenerateClientID</a> [XS M]	
<a href="#">SmcProtocolVersion</a> [XS M]	<a href="#">SmsGetIceConnection</a> [X SM]	

## A.5 libX11

The behavior of the interfaces in this library is specified by the following Standards.  
[This Specification](#) [LSB]  
[X11 Keyboard Extension](#) [XKBLib]  
[X11 C Library](#) [Xlib]

**Table A-5 libX11 Function Interfaces**

<a href="#">XActivateScreenSaver</a> [Xl ib]	<a href="#">XImageByteOrder</a> [Xlib]	<a href="#">XcmsCIELabWhiteShiftC olors</a> [Xlib]
<a href="#">XAddConnectionWatch</a> [ Xlib]	<a href="#">XInitExtension</a> [Xlib]	<a href="#">XcmsCIELuvClipL</a> [Xlib]
<a href="#">XAddExtension</a> [Xlib]	<a href="#">XInitImage</a> [Xlib]	<a href="#">XcmsCIELuvClipLuv</a> [Xli b]
<a href="#">XAddHost</a> [Xlib]	<a href="#">XInitThreads</a> [Xlib]	<a href="#">XcmsCIELuvClipuv</a> [Xlib l]
<a href="#">XAddHosts</a> [Xlib]	<a href="#">XInsertModifiermapEntry</a> [Xlib]	<a href="#">XcmsCIELuvQueryMaxC</a> [Xlib]
<a href="#">XAddPixel</a> [Xlib]	<a href="#">XInstallColormap</a> [Xlib]	<a href="#">XcmsCIELuvQueryMaxL</a> [Xlib]
<a href="#">XAddToExtensionList</a> [Xl ib]	<a href="#">XInternAtom</a> [Xlib]	<a href="#">XcmsCIELuvQueryMaxL C</a> [Xlib]

XAddToSaveSet <a href="#">[Xlib]</a>	XInternAtoms <a href="#">[Xlib]</a>	XcmsCIELuvQueryMinL <a href="#">[Xlib]</a>
XAllPlanes <a href="#">[Xlib]</a>	XInternalConnectionNumbers <a href="#">[Xlib]</a>	XcmsCIELuvToCIEuvY <a href="#">[Xlib]</a>
XAllocClassHint <a href="#">[Xlib]</a>	XIntersectRegion <a href="#">[Xlib]</a>	XcmsCIELuvWhiteShiftColors <a href="#">[Xlib]</a>
XAllocColor <a href="#">[Xlib]</a>	XKeycodeToKeysym <a href="#">[Xlib]</a>	XcmsCIEXYZToCIELab <a href="#">[Xlib]</a>
XAllocColorCells <a href="#">[Xlib]</a>	XKeysymToKeycode <a href="#">[Xlib]</a>	XcmsCIEXYZToCIEuvY <a href="#">[Xlib]</a>
XAllocColorPlanes <a href="#">[Xlib]</a>	XKeysymToString <a href="#">[Xlib]</a>	XcmsCIEXYZToCIExyY <a href="#">[Xlib]</a>
XAllocIconSize <a href="#">[Xlib]</a>	XKillClient <a href="#">[Xlib]</a>	XcmsCIEXYZToRGBi <a href="#">[Xlib]</a>
XAllocNamedColor <a href="#">[Xlib]</a>	XLastKnownRequestProcessed <a href="#">[Xlib]</a>	XcmsCIEuvYToCIELuv <a href="#">[Xlib]</a>
XAllocSizeHints <a href="#">[Xlib]</a>	XListDepths <a href="#">[Xlib]</a>	XcmsCIEuvYToCIEXYZ <a href="#">[Xlib]</a>
XAllocStandardColormap <a href="#">[Xlib]</a>	XListExtensions <a href="#">[Xlib]</a>	XcmsCIEuvYToTekHVC <a href="#">[Xlib]</a>
XAllocWMHints <a href="#">[Xlib]</a>	XListFonts <a href="#">[Xlib]</a>	XcmsCIExyYToCIEXYZ <a href="#">[Xlib]</a>
XAllowEvents <a href="#">[Xlib]</a>	XListFontsWithInfo <a href="#">[Xlib]</a>	XcmsClientWhitePointOfCCC <a href="#">[Xlib]</a>
XAutoRepeatOff <a href="#">[Xlib]</a>	XListHosts <a href="#">[Xlib]</a>	XcmsConvertColors <a href="#">[Xlib]</a>
XAutoRepeatOn <a href="#">[Xlib]</a>	XListInstalledColormaps <a href="#">[Xlib]</a>	XcmsCreateCCC <a href="#">[Xlib]</a>
XBaseFontNameListOfFontSet <a href="#">[Xlib]</a>	XListPixmapFormats <a href="#">[Xlib]</a>	XcmsDefaultCCC <a href="#">[Xlib]</a>
XBell <a href="#">[Xlib]</a>	XListProperties <a href="#">[Xlib]</a>	XcmsDisplayOfCCC <a href="#">[Xlib]</a>
XBitmapBitOrder <a href="#">[Xlib]</a>	XLoadFont <a href="#">[Xlib]</a>	XcmsFormatOfPrefix <a href="#">[Xlib]</a>
XBitmapPad <a href="#">[Xlib]</a>	XLoadQueryFont <a href="#">[Xlib]</a>	XcmsFreeCCC <a href="#">[Xlib]</a>
XBitmapUnit <a href="#">[Xlib]</a>	XLocaleOfFontSet <a href="#">[Xlib]</a>	XcmsLookupColor <a href="#">[Xlib]</a>
XBlackPixel <a href="#">[Xlib]</a>	XLocaleOfIM <a href="#">[Xlib]</a>	XcmsPrefixOfFormat <a href="#">[Xlib]</a>
XBlackPixelOfScreen <a href="#">[Xlib]</a>	XLocaleOfOM <a href="#">[Xlib]</a>	XcmsQueryBlack <a href="#">[Xlib]</a>
XCCellsOfScreen <a href="#">[Xlib]</a>	XLockDisplay <a href="#">[Xlib]</a>	XcmsQueryBlue <a href="#">[Xlib]</a>
XChangeActivePointerGrab <a href="#">[Xlib]</a>	XLookupColor <a href="#">[Xlib]</a>	XcmsQueryColor <a href="#">[Xlib]</a>
XChangeGC <a href="#">[Xlib]</a>	XLookupKeysym <a href="#">[Xlib]</a>	XcmsQueryColors <a href="#">[Xlib]</a>
XChangeKeyboardControl <a href="#">[Xlib]</a>	XLookupString <a href="#">[Xlib]</a>	XcmsQueryGreen <a href="#">[Xlib]</a>
XChangeKeyboardMapping <a href="#">[Xlib]</a>	XLowerWindow <a href="#">[Xlib]</a>	XcmsQueryRed <a href="#">[Xlib]</a>
XChangePointerControl <a href="#">[Xlib]</a>	XMapRaised <a href="#">[Xlib]</a>	XcmsQueryWhite <a href="#">[Xlib]</a>

<a href="#">Xlib</a>		
XChangeProperty <a href="#">[Xlib]</a>	XMapSubwindows <a href="#">[Xlib]</a>	XcmsRGBToRGBi <a href="#">[Xlib]</a>
XChangeSaveSet <a href="#">[Xlib]</a>	XMapWindow <a href="#">[Xlib]</a>	XcmsRGBiToCIEXYZ <a href="#">[Xlib]</a>
XChangeWindowAttributes <a href="#">[Xlib]</a>	XMaskEvent <a href="#">[Xlib]</a>	XcmsRGBiToRGB <a href="#">[Xlib]</a>
XCheckIfEvent <a href="#">[Xlib]</a>	XMatchVisualInfo <a href="#">[Xlib]</a>	XcmsScreenNumberOfCC <a href="#">[Xlib]</a>
XCheckMaskEvent <a href="#">[Xlib]</a>	XMaxCmapsOfScreen <a href="#">[Xlib]</a>	XcmsScreenWhitePointOfCCC <a href="#">[Xlib]</a>
XCheckTypedEvent <a href="#">[Xlib]</a>	XMaxRequestSize <a href="#">[Xlib]</a>	XcmsSetCCCOfColormap <a href="#">[Xlib]</a>
XCheckTypedWindowEvent <a href="#">[Xlib]</a>	XMinCmapsOfScreen <a href="#">[Xlib]</a>	XcmsSetCompressionProc <a href="#">[Xlib]</a>
XCheckWindowEvent <a href="#">[Xlib]</a>	XMoveResizeWindow <a href="#">[Xlib]</a>	XcmsSetWhiteAdjustProc <a href="#">[Xlib]</a>
XCirculateSubwindows <a href="#">[Xlib]</a>	XMoveWindow <a href="#">[Xlib]</a>	XcmsSetWhitePoint <a href="#">[Xlib]</a>
XCirculateSubwindowsDown <a href="#">[Xlib]</a>	XNewModifiermap <a href="#">[Xlib]</a>	XcmsStoreColor <a href="#">[Xlib]</a>
XCirculateSubwindowsUp <a href="#">[Xlib]</a>	XNextEvent <a href="#">[Xlib]</a>	XcmsStoreColors <a href="#">[Xlib]</a>
XClearArea <a href="#">[Xlib]</a>	XNextRequest <a href="#">[Xlib]</a>	XcmsTekHVCClipC <a href="#">[Xlib]</a>
XClearWindow <a href="#">[Xlib]</a>	XNoOp <a href="#">[Xlib]</a>	XcmsTekHVCClipV <a href="#">[Xlib]</a>
XClipBox <a href="#">[Xlib]</a>	XOMOfOC <a href="#">[Xlib]</a>	XcmsTekHVCClipVC <a href="#">[Xlib]</a>
XCloseDisplay <a href="#">[Xlib]</a>	XOffsetRegion <a href="#">[Xlib]</a>	XcmsTekHVCQueryMaxC <a href="#">[Xlib]</a>
XCloseIM <a href="#">[Xlib]</a>	XOpenDisplay <a href="#">[Xlib]</a>	XcmsTekHVCQueryMaxV <a href="#">[Xlib]</a>
XCloseOM <a href="#">[Xlib]</a>	XOpenIM <a href="#">[Xlib]</a>	XcmsTekHVCQueryMaxVC <a href="#">[Xlib]</a>
XConfigureWindow <a href="#">[Xlib]</a>	XOpenOM <a href="#">[Xlib]</a>	XcmsTekHVCQueryMaxVSamples <a href="#">[Xlib]</a>
XConnectionNumber <a href="#">[Xlib]</a>	XParseColor <a href="#">[Xlib]</a>	XcmsTekHVCQueryMinV <a href="#">[Xlib]</a>
XContextDependentDrawing <a href="#">[Xlib]</a>	XParseGeometry <a href="#">[Xlib]</a>	XcmsTekHVCToCIEuvY <a href="#">[Xlib]</a>
XContextualDrawing <a href="#">[Xlib]</a>	XPeekEvent <a href="#">[Xlib]</a>	XcmsTekHVCWhiteShiftColors <a href="#">[Xlib]</a>
XConvertCase <a href="#">[Xlib]</a>	XPeekIfEvent <a href="#">[Xlib]</a>	XcmsVisualOfCCC <a href="#">[Xlib]</a>
XConvertSelection <a href="#">[Xlib]</a>	XPending <a href="#">[Xlib]</a>	XkbAllocClientMap <a href="#">[XKBlib]</a>
XCopyArea <a href="#">[Xlib]</a>	XPlanesOfScreen <a href="#">[Xlib]</a>	XkbAllocCompatMap <a href="#">[XKBlib]</a>
XCopyColormapAndFree <a href="#">[Xlib]</a>	XPointInRegion <a href="#">[Xlib]</a>	XkbAllocControls <a href="#">[XKBlib]</a>

<a href="#">XCopyGC[Xlib]</a>	<a href="#">XPolygonRegion[Xlib]</a>	<a href="#">XkbAllocGeomColors[XKBlib]</a>
<a href="#">XCopyPlane[Xlib]</a>	<a href="#">XProcessInternalConnection[Xlib]</a>	<a href="#">XkbAllocGeomDoodads[XKBlib]</a>
<a href="#">XCreateBitmapFromData[Xlib]</a>	<a href="#">XProtocolRevision[Xlib]</a>	<a href="#">XkbAllocGeomKeyAliases[XKBlib]</a>
<a href="#">XCreateColormap[Xlib]</a>	<a href="#">XProtocolVersion[Xlib]</a>	<a href="#">XkbAllocGeomKeys[XKBlib]</a>
<a href="#">XCreateFontCursor[Xlib]</a>	<a href="#">XPutBackEvent[Xlib]</a>	<a href="#">XkbAllocGeomOutlines[XKBlib]</a>
<a href="#">XCreateFontSet[Xlib]</a>	<a href="#">XPutImage[Xlib]</a>	<a href="#">XkbAllocGeomOverlayKeys[XKBlib]</a>
<a href="#">XCreateGC[Xlib]</a>	<a href="#">XPutPixel[Xlib]</a>	<a href="#">XkbAllocGeomOverlayRows[XKBlib]</a>
<a href="#">XCreateGlyphCursor[Xlib]</a>	<a href="#">XQLength[Xlib]</a>	<a href="#">XkbAllocGeomOverlays[XKBlib]</a>
<a href="#">XCreateIC[Xlib]</a>	<a href="#">XQueryBestCursor[Xlib]</a>	<a href="#">XkbAllocGeomPoints[XKBlib]</a>
<a href="#">XCreateImage[Xlib]</a>	<a href="#">XQueryBestSize[Xlib]</a>	<a href="#">XkbAllocGeomProps[XKBlib]</a>
<a href="#">XCreateOC[Xlib]</a>	<a href="#">XQueryBestStipple[Xlib]</a>	<a href="#">XkbAllocGeomRows[XKBlib]</a>
<a href="#">XCreatePixmap[Xlib]</a>	<a href="#">XQueryBestTile[Xlib]</a>	<a href="#">XkbAllocGeomSectionDoodads[XKBlib]</a>
<a href="#">XCreatePixmapCursor[Xlib]</a>	<a href="#">XQueryColor[Xlib]</a>	<a href="#">XkbAllocGeomSections[XKBlib]</a>
<a href="#">XCreatePixmapFromBitmapData[Xlib]</a>	<a href="#">XQueryColors[Xlib]</a>	<a href="#">XkbAllocGeomShapes[XKBlib]</a>
<a href="#">XCreateRegion[Xlib]</a>	<a href="#">XQueryExtension[Xlib]</a>	<a href="#">XkbAllocGeometry[XKBlib]</a>
<a href="#">XCreateSimpleWindow[Xlib]</a>	<a href="#">XQueryFont[Xlib]</a>	<a href="#">XkbAllocIndicatorMaps[XKBlib]</a>
<a href="#">XCreateWindow[Xlib]</a>	<a href="#">XQueryKeymap[Xlib]</a>	<a href="#">XkbAllocKeyboard[XKBlib]</a>
<a href="#">XDefaultColormap[Xlib]</a>	<a href="#">XQueryPointer[Xlib]</a>	<a href="#">XkbAllocNames[XKBlib]</a>
<a href="#">XDefaultColormapOfScreen[Xlib]</a>	<a href="#">XQueryTextExtents[Xlib]</a>	<a href="#">XkbAllocServerMap[XKBlib]</a>
<a href="#">XDefaultDepth[Xlib]</a>	<a href="#">XQueryTextExtents16[Xlib]</a>	<a href="#">XkbApplyCompatMapToKey[XKBlib]</a>
<a href="#">XDefaultDepthOfScreen[Xlib]</a>	<a href="#">XQueryTree[Xlib]</a>	<a href="#">XkbBell[XKBlib]</a>
<a href="#">XDefaultGC[Xlib]</a>	<a href="#">XRaiseWindow[Xlib]</a>	<a href="#">XkbBellEvent[XKBlib]</a>
<a href="#">XDefaultGCOfScreen[Xlib]</a>	<a href="#">XReadBitmapFile[Xlib]</a>	<a href="#">XkbChangeEnabledControls[XKBlib]</a>
<a href="#">XDefaultRootWindow[Xlib]</a>	<a href="#">XReadBitmapFileData[Xlib]</a>	<a href="#">XkbChangeMap[XKBlib]</a>
<a href="#">XDefaultScreen[Xlib]</a>	<a href="#">XRebindKeysym[Xlib]</a>	<a href="#">XkbChangeNames[XKBlib]</a>
<a href="#">XDefaultScreenOfDisplay[Xlib]</a>	<a href="#">XRecolorCursor[Xlib]</a>	<a href="#">XkbChangeTypesOfKey[XKBlib]</a>

<a href="#">y[Xlib]</a>		<a href="#">XKBlib]</a>
<a href="#">XDefaultString[Xlib]</a>	<a href="#">XReconfigureWMWindow[Xlib]</a>	<a href="#">XkbComputeEffectiveMap[XKBlib]</a>
<a href="#">XDefaultVisual[Xlib]</a>	<a href="#">XRectInRegion[Xlib]</a>	<a href="#">XkbComputeRowBounds[XKBlib]</a>
<a href="#">XDefaultVisualOfScreen[Xlib]</a>	<a href="#">XRefreshKeyboardMapping[Xlib]</a>	<a href="#">XkbComputeSectionBounds[XKBlib]</a>
<a href="#">XDefineCursor[Xlib]</a>	<a href="#">XRegisterIMInstantiateCallback[Xlib]</a>	<a href="#">XkbComputeShapeBounds[XKBlib]</a>
<a href="#">XDeleteContext[Xlib]</a>	<a href="#">XRemoveConnectionWatch[Xlib]</a>	<a href="#">XkbComputeShapeTop[XKBlib]</a>
<a href="#">XDeleteModifiermapEntry[Xlib]</a>	<a href="#">XRemoveFromSaveSet[Xlib]</a>	<a href="#">XkbCopyKeyType[XKBlib]</a>
<a href="#">XDeleteProperty[Xlib]</a>	<a href="#">XRemoveHost[Xlib]</a>	<a href="#">XkbCopyKeyTypes[XKBlib]</a>
<a href="#">XDestroyIC[Xlib]</a>	<a href="#">XRemoveHosts[Xlib]</a>	<a href="#">XkbFindOverlayForKey[XKBlib]</a>
<a href="#">XDestroyImage[Xlib]</a>	<a href="#">XReparentWindow[Xlib]</a>	<a href="#">XkbForceBell[XKBlib]</a>
<a href="#">XDestroyOC[Xlib]</a>	<a href="#">XResetScreenSaver[Xlib]</a>	<a href="#">XkbFreeClientMap[XKBlib]</a>
<a href="#">XDestroyRegion[Xlib]</a>	<a href="#">XResizeWindow[Xlib]</a>	<a href="#">XkbFreeCompatMap[XKBlib]</a>
<a href="#">XDestroySubwindows[Xlib]</a>	<a href="#">XResourceManagerString[Xlib]</a>	<a href="#">XkbFreeComponentList[XKBlib]</a>
<a href="#">XDestroyWindow[Xlib]</a>	<a href="#">XRestackWindows[Xlib]</a>	<a href="#">XkbFreeControls[XKBlib]</a>
<a href="#">XDirectionalDependentDrawing[Xlib]</a>	<a href="#">XRootWindow[Xlib]</a>	<a href="#">XkbFreeGeomColors[XKBlib]</a>
<a href="#">XDisableAccessControl[Xlib]</a>	<a href="#">XRootWindowOfScreen[Xlib]</a>	<a href="#">XkbFreeGeomDoodads[XKBlib]</a>
<a href="#">XDisplayCells[Xlib]</a>	<a href="#">XRotateBuffers[Xlib]</a>	<a href="#">XkbFreeGeomKeyAliases[XKBlib]</a>
<a href="#">XDisplayHeight[Xlib]</a>	<a href="#">XRotateWindowProperties[Xlib]</a>	<a href="#">XkbFreeGeomKeys[XKBlib]</a>
<a href="#">XDisplayHeightMM[Xlib]</a>	<a href="#">XSaveContext[Xlib]</a>	<a href="#">XkbFreeGeomOutlines[XKBlib]</a>
<a href="#">XDisplayKeycodes[Xlib]</a>	<a href="#">XScreenCount[Xlib]</a>	<a href="#">XkbFreeGeomOverlayKeys[XKBlib]</a>
<a href="#">XDisplayMotionBufferSize[Xlib]</a>	<a href="#">XScreenNumberOfScreen[Xlib]</a>	<a href="#">XkbFreeGeomOverlayRows[XKBlib]</a>
<a href="#">XDisplayName[Xlib]</a>	<a href="#">XScreenOfDisplay[Xlib]</a>	<a href="#">XkbFreeGeomOverlays[XKBlib]</a>
<a href="#">XDisplayOfIM[Xlib]</a>	<a href="#">XScreenResourceString[Xlib]</a>	<a href="#">XkbFreeGeomPoints[XKBlib]</a>
<a href="#">XDisplayOfOM[Xlib]</a>	<a href="#">XSelectInput[Xlib]</a>	<a href="#">XkbFreeGeomProperties[XKBlib]</a>
<a href="#">XDisplayOfScreen[Xlib]</a>	<a href="#">XSendEvent[Xlib]</a>	<a href="#">XkbFreeGeomRows[XKBlib]</a>
<a href="#">XDisplayPlanes[Xlib]</a>	<a href="#">XServerVendor[Xlib]</a>	<a href="#">XkbFreeGeomSections[X</a>

		<a href="#">KBlib</a>
<a href="#">XDisplayString[Xlib]</a>	<a href="#">XSetAccessControl[Xlib]</a>	<a href="#">XkbFreeGeomShapes[XKBlib]</a>
<a href="#">XDisplayWidth[Xlib]</a>	<a href="#">XSetAfterFunction[Xlib]</a>	<a href="#">XkbFreeGeometry[XKBlib]</a>
<a href="#">XDisplayWidthMM[Xlib]</a>	<a href="#">XSetArcMode[Xlib]</a>	<a href="#">XkbFreeIndicatorMaps[XKBlib]</a>
<a href="#">XDoesBackingStore[Xlib]</a>	<a href="#">XSetAuthorization[Xlib]</a>	<a href="#">XkbFreeKeyboard[XKBlib]</a>
<a href="#">XDoesSaveUnders[Xlib]</a>	<a href="#">XSetBackground[Xlib]</a>	<a href="#">XkbFreeNames[XKBlib]</a>
<a href="#">XDrawArc[Xlib]</a>	<a href="#">XSetClassHint[Xlib]</a>	<a href="#">XkbFreeServerMap[XKBlib]</a>
<a href="#">XDrawArcs[Xlib]</a>	<a href="#">XSetClipMask[Xlib]</a>	<a href="#">XkbGetAutoRepeatRate[XKBlib]</a>
<a href="#">XDrawImageString[Xlib]</a>	<a href="#">XSetClipOrigin[Xlib]</a>	<a href="#">XkbGetCompatMap[XKBlib]</a>
<a href="#">XDrawImageString16[Xlib]</a>	<a href="#">XSetClipRectangles[Xlib]</a>	<a href="#">XkbGetControls[XKBlib]</a>
<a href="#">XDrawLine[Xlib]</a>	<a href="#">XSetCloseDownMode[Xlib]</a>	<a href="#">XkbGetGeometry[XKBlib]</a>
<a href="#">XDrawLines[Xlib]</a>	<a href="#">XSetCommand[Xlib]</a>	<a href="#">XkbGetIndicatorMap[XKBlib]</a>
<a href="#">XDrawPoint[Xlib]</a>	<a href="#">XSetDashes[Xlib]</a>	<a href="#">XkbGetIndicatorState[XKBlib]</a>
<a href="#">XDrawPoints[Xlib]</a>	<a href="#">XSetErrorHandler[Xlib]</a>	<a href="#">XkbGetKeyActions[XKBlib]</a>
<a href="#">XDrawRectangle[Xlib]</a>	<a href="#">XSetFillRule[Xlib]</a>	<a href="#">XkbGetKeyBehaviors[XKBlib]</a>
<a href="#">XDrawRectangles[Xlib]</a>	<a href="#">XSetFillStyle[Xlib]</a>	<a href="#">XkbGetKeyExplicitComponents[XKBlib]</a>
<a href="#">XDrawSegments[Xlib]</a>	<a href="#">XSetFont[Xlib]</a>	<a href="#">XkbGetKeyModifierMap[XKBlib]</a>
<a href="#">XDrawString[Xlib]</a>	<a href="#">XSetFontPath[Xlib]</a>	<a href="#">XkbGetKeySyms[XKBlib]</a>
<a href="#">XDrawString16[Xlib]</a>	<a href="#">XSetForeground[Xlib]</a>	<a href="#">XkbGetKeyTypes[XKBlib]</a>
<a href="#">XDrawText[Xlib]</a>	<a href="#">XSetFunction[Xlib]</a>	<a href="#">XkbGetKeyboard[XKBlib]</a>
<a href="#">XDrawText16[Xlib]</a>	<a href="#">XSetGraphicsExposures[Xlib]</a>	<a href="#">XkbGetKeyboardByName[XKBlib]</a>
<a href="#">XEHeadOfExtensionList[Xlib]</a>	<a href="#">XSetICFocus[Xlib]</a>	<a href="#">XkbGetMap[XKBlib]</a>
<a href="#">XESetBeforeFlush[Xlib]</a>	<a href="#">XSetICValues[Xlib]</a>	<a href="#">XkbGetMapChanges[XKBlib]</a>
<a href="#">XESetCloseDisplay[Xlib]</a>	<a href="#">XSetIMValues[Xlib]</a>	<a href="#">XkbGetNamedGeometry[XKBlib]</a>
<a href="#">XESetCopyGC[Xlib]</a>	<a href="#">XSetIOErrorHandler[Xlib]</a>	<a href="#">XkbGetNamedIndicator[XKBlib]</a>
<a href="#">XESetCreateFont[Xlib]</a>	<a href="#">XSetIconName[Xlib]</a>	<a href="#">XkbGetNames[XKBlib]</a>

<a href="#">XSetCreateGC[Xlib]</a>	<a href="#">XSetIconSizes[Xlib]</a>	<a href="#">XkbGetPerClientControls[XKBlib]</a>
<a href="#">XSetError[Xlib]</a>	<a href="#">XSetInputFocus[Xlib]</a>	<a href="#">XkbGetState[XKBlib]</a>
<a href="#">XSetErrorString[Xlib]</a>	<a href="#">XSetLineAttributes[Xlib]</a>	<a href="#">XkbGetUpdatedMap[XKBlib]</a>
<a href="#">XSetEventToWire[Xlib]</a>	<a href="#">XSetLocaleModifiers[Xlib]</a>	<a href="#">XkbGetVirtualMods[XKBlib]</a>
<a href="#">XSetFlushGC[Xlib]</a>	<a href="#">XSetModifierMapping[Xlib]</a>	<a href="#">XkbGetXlibControls[XKBlib]</a>
<a href="#">XSetFreeFont[Xlib]</a>	<a href="#">XSetNormalHints[Xlib]</a>	<a href="#">XkbIgnoreExtension[XKBlib]</a>
<a href="#">XSetFreeGC[Xlib]</a>	<a href="#">XSetOCValues[Xlib]</a>	<a href="#">XkbInitCanonicalKeyTypes[XKBlib]</a>
<a href="#">XSetPrintErrorValues[Xlib]</a>	<a href="#">XSetOMValues[Xlib]</a>	<a href="#">XkbKeyTypesForCoreSymbols[XKBlib]</a>
<a href="#">XSetWireToError[Xlib]</a>	<a href="#">XSetPlaneMask[Xlib]</a>	<a href="#">XkbKeycodeToKeysym[XKBlib]</a>
<a href="#">XSetWireToEvent[Xlib]</a>	<a href="#">XSetPointerMapping[Xlib]</a>	<a href="#">XkbKeysymToModifiers[XKBlib]</a>
<a href="#">XEmptyRegion[Xlib]</a>	<a href="#">XSetRGBColormaps[Xlib]</a>	<a href="#">XkbLatchGroup[XKBlib]</a>
<a href="#">XEnableAccessControl[Xlib]</a>	<a href="#">XSetRegion[Xlib]</a>	<a href="#">XkbLatchModifiers[XKBlib]</a>
<a href="#">XEqualRegion[Xlib]</a>	<a href="#">XSetScreenSaver[Xlib]</a>	<a href="#">XkbLibraryVersion[XKBlib]</a>
<a href="#">XEventMaskOfScreen[Xlib]</a>	<a href="#">XSetSelectionOwner[Xlib]</a>	<a href="#">XkbListComponents[XKBlib]</a>
<a href="#">XEventsQueued[Xlib]</a>	<a href="#">XSetSizeHints[Xlib]</a>	<a href="#">XkbLockGroup[XKBlib]</a>
<a href="#">XExtendedMaxRequestSize[Xlib]</a>	<a href="#">XSetStandardColormap[Xlib]</a>	<a href="#">XkbLockModifiers[XKBlib]</a>
<a href="#">XExtentsOfFontSet[Xlib]</a>	<a href="#">XSetStandardProperties[Xlib]</a>	<a href="#">XkbLookupKeyBinding[XKBlib]</a>
<a href="#">XFetchBuffer[Xlib]</a>	<a href="#">XSetState[Xlib]</a>	<a href="#">XkbLookupKeySym[XKBlib]</a>
<a href="#">XFetchBytes[Xlib]</a>	<a href="#">XSetStipple[Xlib]</a>	<a href="#">XkbNoteControlsChanges[XKBlib]</a>
<a href="#">XFetchName[Xlib]</a>	<a href="#">XSetSubwindowMode[Xlib]</a>	<a href="#">XkbNoteMapChanges[XKBlib]</a>
<a href="#">XFillArc[Xlib]</a>	<a href="#">XSetTSOrigin[Xlib]</a>	<a href="#">XkbNoteNameChanges[XKBlib]</a>
<a href="#">XFillArcs[Xlib]</a>	<a href="#">XSetTextProperty[Xlib]</a>	<a href="#">XkbOpenDisplay[XKBlib]</a>
<a href="#">XFillPolygon[Xlib]</a>	<a href="#">XSetTile[Xlib]</a>	<a href="#">XkbQueryExtension[XKBlib]</a>
<a href="#">XFillRectangle[Xlib]</a>	<a href="#">XSetTransientForHint[Xlib]</a>	<a href="#">XkbRefreshKeyboardMapping[XKBlib]</a>
<a href="#">XFillRectangles[Xlib]</a>	<a href="#">XSetWMClientMachine[Xlib]</a>	<a href="#">XkbResizeKeyActions[XKBlib]</a>
<a href="#">XFilterEvent[Xlib]</a>	<a href="#">XSetWMColormapWindow</a>	<a href="#">XkbResizeKeySyms[XKBlib]</a>



	<a href="#">ws[Xlib]</a>	<a href="#">Blib]</a>
<a href="#">XFindContext[Xlib]</a>	<a href="#">XSetWMHints[Xlib]</a>	<a href="#">XkbResizeKeyType[XKBlib]</a>
<a href="#">XFindOnExtensionList[Xlib]</a>	<a href="#">XSetWMIconName[Xlib]</a>	<a href="#">XkbSelectEventDetails[XKBlib]</a>
<a href="#">XFlush[Xlib]</a>	<a href="#">XSetWMName[Xlib]</a>	<a href="#">XkbSelectEvents[XKBlib]</a>
<a href="#">XFlushGC[Xlib]</a>	<a href="#">XSetWMNormalHints[Xlib]</a>	<a href="#">XkbSetAtomFuncs[XKBlib]</a>
<a href="#">XFontsOfFontSet[Xlib]</a>	<a href="#">XSetWMProperties[Xlib]</a>	<a href="#">XkbSetAutoRepeatRate[XKBlib]</a>
<a href="#">XForceScreenSaver[Xlib]</a>	<a href="#">XSetWMProtocols[Xlib]</a>	<a href="#">XkbSetAutoResetControls[XKBlib]</a>
<a href="#">XFree[Xlib]</a>	<a href="#">XSetWMSizeHints[Xlib]</a>	<a href="#">XkbSetCompatMap[XKBlib]</a>
<a href="#">XFreeColormap[Xlib]</a>	<a href="#">XSetWindowBackground[Xlib]</a>	<a href="#">XkbSetControls[XKBlib]</a>
<a href="#">XFreeColors[Xlib]</a>	<a href="#">XSetWindowBackgroundPixmap[Xlib]</a>	<a href="#">XkbSetDebuggingFlags[XKBlib]</a>
<a href="#">XFreeCursor[Xlib]</a>	<a href="#">XSetWindowBorder[Xlib]</a>	<a href="#">XkbSetDetectableAutoRepeat[XKBlib]</a>
<a href="#">XFreeExtensionList[Xlib]</a>	<a href="#">XSetWindowBorderPixmap[Xlib]</a>	<a href="#">XkbSetGeometry[XKBlib]</a>
<a href="#">XFreeFont[Xlib]</a>	<a href="#">XSetWindowBorderWidth[Xlib]</a>	<a href="#">XkbSetIgnoreLockMods[XKBlib]</a>
<a href="#">XFreeFontInfo[Xlib]</a>	<a href="#">XSetWindowColormap[Xlib]</a>	<a href="#">XkbSetIndicatorMap[XKBlib]</a>
<a href="#">XFreeFontNames[Xlib]</a>	<a href="#">XSetZoomHints[Xlib]</a>	<a href="#">XkbSetMap[XKBlib]</a>
<a href="#">XFreeFontPath[Xlib]</a>	<a href="#">XShrinkRegion[Xlib]</a>	<a href="#">XkbSetNamedIndicator[XKBlib]</a>
<a href="#">XFreeFontSet[Xlib]</a>	<a href="#">XStoreBuffer[Xlib]</a>	<a href="#">XkbSetNames[XKBlib]</a>
<a href="#">XFreeGC[Xlib]</a>	<a href="#">XStoreBytes[Xlib]</a>	<a href="#">XkbSetPerClientControls[XKBlib]</a>
<a href="#">XFreeModifiermap[Xlib]</a>	<a href="#">XStoreColor[Xlib]</a>	<a href="#">XkbSetServerInternalModes[XKBlib]</a>
<a href="#">XFreePixmap[Xlib]</a>	<a href="#">XStoreColors[Xlib]</a>	<a href="#">XkbSetXlibControls[XKBlib]</a>
<a href="#">XFreeStringList[Xlib]</a>	<a href="#">XStoreName[Xlib]</a>	<a href="#">XkbToControl[XKBlib]</a>
<a href="#">XGContextFromGC[Xlib]</a>	<a href="#">XStoreNamedColor[Xlib]</a>	<a href="#">XkbTranslateKeyCode[XKBlib]</a>
<a href="#">XGeometry[Xlib]</a>	<a href="#">XStringListToTextProperty[Xlib]</a>	<a href="#">XkbTranslateKeySym[XKBlib]</a>
<a href="#">XGetAtomName[Xlib]</a>	<a href="#">XStringToKeysym[Xlib]</a>	<a href="#">XkbUpdateMapFromCore[XKBlib]</a>
<a href="#">XGetAtomNames[Xlib]</a>	<a href="#">XSubImage[Xlib]</a>	<a href="#">XkbUseExtension[XKBlib]</a>
<a href="#">XGetClassHint[Xlib]</a>	<a href="#">XSubtractRegion[Xlib]</a>	<a href="#">XkbVirtualModsToReal[XKBlib]</a>
<a href="#">XGetCommand[Xlib]</a>	<a href="#">XSupportsLocale[Xlib]</a>	<a href="#">XmbDrawImageString[Xlib]</a>



		<a href="#">ib]</a>
<a href="#">XGetDefault[Xlib]</a>	<a href="#">XSync[Xlib]</a>	<a href="#">XmbDrawString[Xlib]</a>
<a href="#">XGetErrorDatabaseText[Xlib]</a>	<a href="#">XSynchronize[Xlib]</a>	<a href="#">XmbDrawText[Xlib]</a>
<a href="#">XGetErrorText[Xlib]</a>	<a href="#">XTextExtents[Xlib]</a>	<a href="#">XmbLookupString[Xlib]</a>
<a href="#">XGetFontPath[Xlib]</a>	<a href="#">XTextExtents16[Xlib]</a>	<a href="#">XmbResetIC[Xlib]</a>
<a href="#">XGetFontProperty[Xlib]</a>	<a href="#">XTextPropertyToStringList[Xlib]</a>	<a href="#">XmbSetWMProperties[Xlib]</a>
<a href="#">XGetGCValues[Xlib]</a>	<a href="#">XTextWidth[Xlib]</a>	<a href="#">XmbTextEscapement[Xlib]</a>
<a href="#">XGetGeometry[Xlib]</a>	<a href="#">XTextWidth16[Xlib]</a>	<a href="#">XmbTextExtents[Xlib]</a>
<a href="#">XGetICValues[Xlib]</a>	<a href="#">XTranslateCoordinates[Xlib]</a>	<a href="#">XmbTextListToTextProperty[Xlib]</a>
<a href="#">XGetIMValues[Xlib]</a>	<a href="#">XUndefineCursor[Xlib]</a>	<a href="#">XmbTextPerCharExtents[Xlib]</a>
<a href="#">XGetIconName[Xlib]</a>	<a href="#">XUngrabButton[Xlib]</a>	<a href="#">XmbTextPropertyToTextList[Xlib]</a>
<a href="#">XGetIconSizes[Xlib]</a>	<a href="#">XUngrabKey[Xlib]</a>	<a href="#">XrmCombineDatabase[Xlib]</a>
<a href="#">XGetImage[Xlib]</a>	<a href="#">XUngrabKeyboard[Xlib]</a>	<a href="#">XrmCombineFileDatabase[Xlib]</a>
<a href="#">XGetInputFocus[Xlib]</a>	<a href="#">XUngrabPointer[Xlib]</a>	<a href="#">XrmDestroyDatabase[Xlib]</a>
<a href="#">XGetKeyboardControl[Xlib]</a>	<a href="#">XUngrabServer[Xlib]</a>	<a href="#">XrmEnumerateDatabase[Xlib]</a>
<a href="#">XGetKeyboardMapping[Xlib]</a>	<a href="#">XUninstallColormap[Xlib]</a>	<a href="#">XrmGetDatabase[Xlib]</a>
<a href="#">XGetModifierMapping[Xlib]</a>	<a href="#">XUnionRectWithRegion[Xlib]</a>	<a href="#">XrmGetFileDatabase[Xlib]</a>
<a href="#">XGetMotionEvents[Xlib]</a>	<a href="#">XUnionRegion[Xlib]</a>	<a href="#">XrmGetResource[Xlib]</a>
<a href="#">XGetNormalHints[Xlib]</a>	<a href="#">XUnloadFont[Xlib]</a>	<a href="#">XrmGetStringDatabase[Xlib]</a>
<a href="#">XGetOCValues[Xlib]</a>	<a href="#">XUnlockDisplay[Xlib]</a>	<a href="#">XrmInitialize[Xlib]</a>
<a href="#">XGetOMValues[Xlib]</a>	<a href="#">XUnmapSubwindows[Xlib]</a>	<a href="#">XrmLocaleOfDatabase[Xlib]</a>
<a href="#">XGetPixel[Xlib]</a>	<a href="#">XUnmapWindow[Xlib]</a>	<a href="#">XrmMergeDatabases[Xlib]</a>
<a href="#">XGetPointerControl[Xlib]</a>	<a href="#">XUnregisterIMInstantiateCallback[Xlib]</a>	<a href="#">XrmParseCommand[Xlib]</a>
<a href="#">XGetPointerMapping[Xlib]</a>	<a href="#">XUnsetICFocus[Xlib]</a>	<a href="#">XrmPermStringToQuark[Xlib]</a>
<a href="#">XGetRGBColormaps[Xlib]</a>	<a href="#">XVaCreateNestedList[Xlib]</a>	<a href="#">XrmPutFileDatabase[Xlib]</a>
<a href="#">XGetScreenSaver[Xlib]</a>	<a href="#">XVendorRelease[Xlib]</a>	<a href="#">XrmPutLineResource[Xlib]</a>
<a href="#">XGetSelectionOwner[Xlib]</a>	<a href="#">XVisualIDFromVisual[Xlib]</a>	<a href="#">XrmPutResource[Xlib]</a>
<a href="#">XGetSizeHints[Xlib]</a>	<a href="#">XWMGeometry[Xlib]</a>	<a href="#">XrmPutStringResource[Xlib]</a>

<a href="#">XGetStandardColormap[Xlib]</a>	<a href="#">XWarpPointer[Xlib]</a>	<a href="#">XrmQGetResource[Xlib]</a>
<a href="#">XGetSubImage[Xlib]</a>	<a href="#">XWhitePixel[Xlib]</a>	<a href="#">XrmQGetSearchList[Xlib]</a>
<a href="#">XGetTextProperty[Xlib]</a>	<a href="#">XWhitePixelOfScreen[Xlib]</a>	<a href="#">XrmQGetSearchResource[Xlib]</a>
<a href="#">XGetTransientForHint[Xlib]</a>	<a href="#">XWidthMMOfScreen[Xlib]</a>	<a href="#">XrmQPutResource[Xlib]</a>
<a href="#">XGetVisualInfo[Xlib]</a>	<a href="#">XWidthOfScreen[Xlib]</a>	<a href="#">XrmQPutStringResource[Xlib]</a>
<a href="#">XGetWMClientMachine[Xlib]</a>	<a href="#">XWindowEvent[Xlib]</a>	<a href="#">XrmQuarkToString[Xlib]</a>
<a href="#">XGetWMColormapWindows[Xlib]</a>	<a href="#">XWithdrawWindow[Xlib]</a>	<a href="#">XrmSetDatabase[Xlib]</a>
<a href="#">XGetWMHints[Xlib]</a>	<a href="#">XWriteBitmapFile[Xlib]</a>	<a href="#">XrmStringToBindingQuarkList[Xlib]</a>
<a href="#">XGetWMIconName[Xlib]</a>	<a href="#">XXorRegion[Xlib]</a>	<a href="#">XrmStringToQuark[Xlib]</a>
<a href="#">XGetWMName[Xlib]</a>	<a href="#">XauDisposeAuth[Xlib]</a>	<a href="#">XrmStringToQuarkList[Xlib]</a>
<a href="#">XGetWMNormalHints[Xlib]</a>	<a href="#">XauFileName[Xlib]</a>	<a href="#">XrmUniqueQuark[Xlib]</a>
<a href="#">XGetWMProtocols[Xlib]</a>	<a href="#">XauGetBestAuthByAddr[Xlib]</a>	<a href="#">Xutf8TextListToTextProperty[LSB]</a>
<a href="#">XGetWMSizeHints[Xlib]</a>	<a href="#">XauReadAuth[Xlib]</a>	<a href="#">Xutf8TextPropertyToTextList[LSB]</a>
<a href="#">XGetWindowAttributes[Xlib]</a>	<a href="#">XcmsAddColorSpace[Xlib]</a>	<a href="#">XwcDrawImageString[Xlib]</a>
<a href="#">XGetWindowProperty[Xlib]</a>	<a href="#">XcmsAddFunctionSet[Xlib]</a>	<a href="#">XwcDrawString[Xlib]</a>
<a href="#">XGetZoomHints[Xlib]</a>	<a href="#">XcmsAllocColor[Xlib]</a>	<a href="#">XwcDrawText[Xlib]</a>
<a href="#">XGrabButton[Xlib]</a>	<a href="#">XcmsAllocNamedColor[Xlib]</a>	<a href="#">XwcFreeStringList[Xlib]</a>
<a href="#">XGrabKey[Xlib]</a>	<a href="#">XcmsCCCOFColormap[Xlib]</a>	<a href="#">XwcLookupString[Xlib]</a>
<a href="#">XGrabKeyboard[Xlib]</a>	<a href="#">XcmsCIELabClipL[Xlib]</a>	<a href="#">XwcResetIC[Xlib]</a>
<a href="#">XGrabPointer[Xlib]</a>	<a href="#">XcmsCIELabClipLab[Xlib]</a>	<a href="#">XwcTextEscapement[Xlib]</a>
<a href="#">XGrabServer[Xlib]</a>	<a href="#">XcmsCIELabClipab[Xlib]</a>	<a href="#">XwcTextExtents[Xlib]</a>
<a href="#">XHeightMMOfScreen[Xlib]</a>	<a href="#">XcmsCIELabQueryMaxC[Xlib]</a>	<a href="#">XwcTextListToTextProperty[Xlib]</a>
<a href="#">XHeightOfScreen[Xlib]</a>	<a href="#">XcmsCIELabQueryMaxL[Xlib]</a>	<a href="#">XwcTextPerCharExtents[Xlib]</a>
<a href="#">XIMOfIC[Xlib]</a>	<a href="#">XcmsCIELabQueryMaxLC[Xlib]</a>	<a href="#">XwcTextPropertyToTextList[Xlib]</a>
<a href="#">XIconifyWindow[Xlib]</a>	<a href="#">XcmsCIELabQueryMinL[Xlib]</a>	
<a href="#">XIfEvent[Xlib]</a>	<a href="#">XcmsCIELabToCIEXYZ</a>	

	<a href="#">[Xlib]</a>	
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## A.6 libXext

The behavior of the interfaces in this library is specified by the following Standards.

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

**Table A-6 libXext Function Interfaces**

DPMSCapable <a href="#">[X-DPMS]</a>	XShmCreatePixmap <a href="#">[X-shm]</a>	XSyncValueEqual <a href="#">[X-sync]</a>
DPMSDisable <a href="#">[X-DPMS]</a>	XShmDetach <a href="#">[X-shm]</a>	XSyncValueGreaterOrEqual <a href="#">[X-sync]</a>
DPMSEnable <a href="#">[X-DPMS]</a>	XShmGetEventBase <a href="#">[X-shm]</a>	XSyncValueGreaterThan <a href="#">[X-sync]</a>
DPMSForceLevel <a href="#">[X-DPMS]</a>	XShmGetImage <a href="#">[X-shm]</a>	XSyncValueHigh32 <a href="#">[X-sync]</a>
DPMSGetTimeouts <a href="#">[X-DPMS]</a>	XShmPixmapFormat <a href="#">[X-shm]</a>	XSyncValueIsNegative <a href="#">[X-sync]</a>
DPMSGetVersion <a href="#">[X-DPMS]</a>	XShmPutImage <a href="#">[X-shm]</a>	XSyncValueIsPositive <a href="#">[X-sync]</a>
DPMSInfo <a href="#">[X-DPMS]</a>	XShmQueryExtension <a href="#">[X-shm]</a>	XSyncValueIsZero <a href="#">[X-sync]</a>
DPMSQueryExtension <a href="#">[X-DPMS]</a>	XShmQueryVersion <a href="#">[X-shm]</a>	XSyncValueLessOrEqual <a href="#">[X-sync]</a>
DPMSSetTimeouts <a href="#">[X-DPMS]</a>	XSyncAwait <a href="#">[X-sync]</a>	XSyncValueLessThan <a href="#">[X-sync]</a>
XMissingExtension <a href="#">[LSB]</a>	XSyncChangeAlarm <a href="#">[X-sync]</a>	XSyncValueLow32 <a href="#">[X-sync]</a>
XSecurityAllocXauth <a href="#">[X-security]</a>	XSyncChangeCounter <a href="#">[X-sync]</a>	XSyncValueSubtract <a href="#">[X-sync]</a>
XSecurityFreeXauth <a href="#">[X-security]</a>	XSyncCreateAlarm <a href="#">[X-sync]</a>	XdbeAllocateBackBufferName <a href="#">[X-dbe]</a>
XSecurityGenerateAuthorization <a href="#">[X-security]</a>	XSyncCreateCounter <a href="#">[X-sync]</a>	XdbeBeginIdiom <a href="#">[X-dbe]</a>
XSecurityQueryExtension <a href="#">[X-security]</a>	XSyncDestroyAlarm <a href="#">[X-sync]</a>	XdbeDeallocateBackBufferName <a href="#">[X-dbe]</a>
XSecurityRevokeAuthorization <a href="#">[X-security]</a>	XSyncDestroyCounter <a href="#">[X-sync]</a>	XdbeEndIdiom <a href="#">[X-dbe]</a>
XSetExtensionErrorHandler <a href="#">[LSB]</a>	XSyncFreeSystemCounterList <a href="#">[X-sync]</a>	XdbeFreeVisualInfo <a href="#">[X-dbe]</a>
XShapeCombineMask <a href="#">[X-shape]</a>	XSyncGetPriority <a href="#">[X-sync]</a>	XdbeGetBackBufferAttributes <a href="#">[X-dbe]</a>
XShapeCombineRectangles <a href="#">[X-shape]</a>	XSyncInitialize <a href="#">[X-sync]</a>	XdbeGetVisualInfo <a href="#">[X-dbe]</a>
XShapeCombineRegion	XSyncIntToValue <a href="#">[X-</a>	XdbeQueryExtension <a href="#">[X-</a>

<a href="#">X-shape]</a>	<a href="#">sync]</a>	<a href="#">dbe]</a>
XShapeCombineShape <a href="#">[X-shape]</a>	XSyncIntsToValue <a href="#">[X-sync]</a>	XdbeSwapBuffers <a href="#">[X-dbe]</a>
XShapeGetRectangles <a href="#">[X-shape]</a>	XSyncListSystemCounter s <a href="#">[X-sync]</a>	XeviGetVisualInfo <a href="#">[X-evi]</a>
XShapeInputSelected <a href="#">[X-shape]</a>	XSyncMax Value <a href="#">[X-sync]</a>	XeviQueryExtension <a href="#">[X-evi]</a>
XShapeOffsetShape <a href="#">[X-shape]</a>	XSyncMin Value <a href="#">[X-sync]</a>	XeviQueryVersion <a href="#">[X-evi]</a>
XShapeQueryExtension <a href="#">[X-shape]</a>	XSyncQueryAlarm <a href="#">[X-sync]</a>	XextAddDisplay <a href="#">[LSB]</a>
XShapeQueryExtents <a href="#">[X-shape]</a>	XSyncQueryCounter <a href="#">[X-sync]</a>	XextCreateExtension <a href="#">[LSB]</a>
XShapeQuery Version <a href="#">[X-shape]</a>	XSyncQueryExtension <a href="#">[X-sync]</a>	XextDestroyExtension <a href="#">[LSB]</a>
XShapeSelectInput <a href="#">[X-shape]</a>	XSyncSetCounter <a href="#">[X-sync]</a>	XextFindDisplay <a href="#">[LSB]</a>
XShmAttach <a href="#">[X-shm]</a>	XSyncSetPriority <a href="#">[X-sync]</a>	XextRemoveDisplay <a href="#">[LSB]</a>
XShmCreateImage <a href="#">[X-shm]</a>	XSyncValueAdd <a href="#">[X-sync]</a>	

## A.7 libXft

The behavior of the interfaces in this library is specified by the following Standards.

[This Specification](#) [LSB]

**Table A-7 libXft Function Interfaces**

XftCharExists <a href="#">[LSB]</a>	XftDrawSetClipRectangle s <a href="#">[LSB]</a>	XftGlyphFontSpecRender <a href="#">[LSB]</a>
XftCharFontSpecRender <a href="#">[LSB]</a>	XftDrawSetSubwindowM ode <a href="#">[LSB]</a>	XftGlyphRender <a href="#">[LSB]</a>
XftCharIndex <a href="#">[LSB]</a>	XftDrawSrcPicture <a href="#">[LSB]</a>	XftGlyphSpecRender <a href="#">[LSB]</a>
XftCharSpecRender <a href="#">[LSB]</a>	XftDrawString16 <a href="#">[LSB]</a>	XftInit <a href="#">[LSB]</a>
XftColorAllocName <a href="#">[LSB]</a>	XftDrawString32 <a href="#">[LSB]</a>	XftInitFtLibrary <a href="#">[LSB]</a>
XftColorAllocValue <a href="#">[LSB]</a>	XftDrawString8 <a href="#">[LSB]</a>	XftListFonts <a href="#">[LSB]</a>
XftColorFree <a href="#">[LSB]</a>	XftDrawStringUtf16 <a href="#">[LSB]</a>	XftLockFace <a href="#">[LSB]</a>
XftDefaultHasRender <a href="#">[LSB]</a>	XftDrawStringUtf8 <a href="#">[LSB]</a>	XftNameParse <a href="#">[LSB]</a>
XftDefaultSet <a href="#">[LSB]</a>	XftDrawVisual <a href="#">[LSB]</a>	XftTextExtents16 <a href="#">[LSB]</a>
XftDefaultSubstitute <a href="#">[LSB]</a>	XftFontCheckGlyph <a href="#">[LSB]</a>	XftTextExtents32 <a href="#">[LSB]</a>
XftDrawChange <a href="#">[LSB]</a>	XftFontClose <a href="#">[LSB]</a>	XftTextExtents8 <a href="#">[LSB]</a>
XftDrawCharFontSpec <a href="#">[LSB]</a>	XftFontCopy <a href="#">[LSB]</a>	XftTextExtentsUtf16 <a href="#">[LSB]</a>

<a href="#">XftDrawCharSpec[LSB]</a>	<a href="#">XftFontInfoCreate[LSB]</a>	<a href="#">XftTextExtentsUtf8[LSB]</a>
<a href="#">XftDrawColormap[LSB]</a>	<a href="#">XftFontInfoDestroy[LSB]</a>	<a href="#">XftTextRender16[LSB]</a>
<a href="#">XftDrawCreate[LSB]</a>	<a href="#">XftFontInfoEqual[LSB]</a>	<a href="#">XftTextRender16BE[LSB]</a> <a href="#">1</a>
<a href="#">XftDrawCreateAlpha[LSB]</a>	<a href="#">XftFontInfoHash[LSB]</a>	<a href="#">XftTextRender16LE[LSB]</a> <a href="#">1</a>
<a href="#">XftDrawCreateBitmap[LSB]</a>	<a href="#">XftFontLoadGlyphs[LSB]</a> <a href="#">1</a>	<a href="#">XftTextRender32[LSB]</a>
<a href="#">XftDrawDestroy[LSB]</a>	<a href="#">XftFontMatch[LSB]</a>	<a href="#">XftTextRender32BE[LSB]</a> <a href="#">1</a>
<a href="#">XftDrawDisplay[LSB]</a>	<a href="#">XftFontOpen[LSB]</a>	<a href="#">XftTextRender32LE[LSB]</a> <a href="#">1</a>
<a href="#">XftDrawDrawable[LSB]</a>	<a href="#">XftFontOpenInfo[LSB]</a>	<a href="#">XftTextRender8[LSB]</a>
<a href="#">XftDrawGlyphFontSpec[LSB]</a>	<a href="#">XftFontOpenName[LSB]</a>	<a href="#">XftTextRenderUtf16[LSB]</a> <a href="#">1</a>
<a href="#">XftDrawGlyphSpec[LSB]</a>	<a href="#">XftFontOpenPattern[LSB]</a> <a href="#">1</a>	<a href="#">XftTextRenderUtf8[LSB]</a>
<a href="#">XftDrawGlyphs[LSB]</a>	<a href="#">XftFontOpenXlfd[LSB]</a>	<a href="#">XftUnlockFace[LSB]</a>
<a href="#">XftDrawPicture[LSB]</a>	<a href="#">XftFontUnloadGlyphs[LSB]</a>	<a href="#">XftXlfdParse[LSB]</a>
<a href="#">XftDrawRect[LSB]</a>	<a href="#">XftGetVersion[LSB]</a>	
<a href="#">XftDrawSetClip[LSB]</a>	<a href="#">XftGlyphExtents[LSB]</a>	

## A.8 libXi

The behavior of the interfaces in this library is specified by the following Standards.  
[X11 Input Library](#) [XINPUT]

**Table A-8 libXi Function Interfaces**

<a href="#">XAllowDeviceEvents[XINPUT]</a>	<a href="#">XGetDeviceButtonMapping[XINPUT]</a>	<a href="#">XOpenDevice[XINPUT]</a>
<a href="#">XChangeDeviceControl[XINPUT]</a>	<a href="#">XGetDeviceControl[XINPUT]</a>	<a href="#">XQueryDeviceState[XINPUT]</a>
<a href="#">XChangeDeviceDontPropagateList[XINPUT]</a>	<a href="#">XGetDeviceDontPropagateList[XINPUT]</a>	<a href="#">XSelectExtensionEvent[XINPUT]</a>
<a href="#">XChangeDeviceKeyMapping[XINPUT]</a>	<a href="#">XGetDeviceFocus[XINPUT]</a>	<a href="#">XSendExtensionEvent[XINPUT]</a>
<a href="#">XChangeFeedbackControl[XINPUT]</a>	<a href="#">XGetDeviceKeyMapping[XINPUT]</a>	<a href="#">XSetDeviceButtonMapping[XINPUT]</a>
<a href="#">XChangeKeyboardDevice[XINPUT]</a>	<a href="#">XGetDeviceModifierMapping[XINPUT]</a>	<a href="#">XSetDeviceFocus[XINPUT]</a>
<a href="#">XChangePointerDevice[XINPUT]</a>	<a href="#">XGetDeviceMotionEvents[XINPUT]</a>	<a href="#">XSetDeviceMode[XINPUT]</a>
<a href="#">XCloseDevice[XINPUT]</a>	<a href="#">XGetExtensionVersion[XINPUT]</a>	<a href="#">XSetDeviceModifierMapping[XINPUT]</a>
<a href="#">XDeviceBell[XINPUT]</a>	<a href="#">XGetFeedbackControl[XINPUT]</a>	<a href="#">XSetDeviceValuators[XINPUT]</a>
<a href="#">XFreeDeviceControl[XINPUT]</a>	<a href="#">XGetSelectedExtensionEvents[XINPUT]</a>	<a href="#">XUngrabDevice[XINPUT]</a> <a href="#">1</a>
<a href="#">XFreeDeviceList[XINPUT]</a>	<a href="#">XGrabDevice[XINPUT]</a>	<a href="#">XUngrabDeviceButton[XINPUT]</a>

<a href="#">T]</a>		<a href="#">INPUT]</a>
XFreeDeviceMotionEvents <a href="#">[XINPUT]</a>	XGrabDeviceButton <a href="#">[XINPUT]</a>	XUngrabDeviceKey <a href="#">[XINPUT]</a>
XFreeDeviceState <a href="#">[XINPUT]</a>	XGrabDeviceKey <a href="#">[XINPUT]</a>	
XFreeFeedbackList <a href="#">[XINPUT]</a>	XListInputDevices <a href="#">[XINPUT]</a>	

## A.9 libXrender

The behavior of the interfaces in this library is specified by the following Standards.

[This Specification](#) [LSB]

**Table A-9 libXrender Function Interfaces**

XRenderAddGlyphs <a href="#">[LSB]</a>	XRenderCreateAnimCursor <a href="#">[LSB]</a>	XRenderFreePicture <a href="#">[LSB]</a>
XRenderAddTraps <a href="#">[LSB]</a>	XRenderCreateConicalGradient <a href="#">[LSB]</a>	XRenderParseColor <a href="#">[LSB]</a>
XRenderChangePicture <a href="#">[LSB]</a>	XRenderCreateCursor <a href="#">[LSB]</a>	XRenderQueryExtension <a href="#">[LSB]</a>
XRenderComposite <a href="#">[LSB]</a>	XRenderCreateGlyphSet <a href="#">[LSB]</a>	XRenderQueryFilters <a href="#">[LSB]</a>
XRenderCompositeDoublePoly <a href="#">[LSB]</a>	XRenderCreateLinearGradient <a href="#">[LSB]</a>	XRenderQueryFormats <a href="#">[LSB]</a>
XRenderCompositeString16 <a href="#">[LSB]</a>	XRenderCreatePicture <a href="#">[LSB]</a>	XRenderQueryPictIndexValues <a href="#">[LSB]</a>
XRenderCompositeString32 <a href="#">[LSB]</a>	XRenderCreateRadialGradient <a href="#">[LSB]</a>	XRenderQuerySubpixelOrder <a href="#">[LSB]</a>
XRenderCompositeString8 <a href="#">[LSB]</a>	XRenderCreateSolidFill <a href="#">[LSB]</a>	XRenderQueryVersion <a href="#">[LSB]</a>
XRenderCompositeText16 <a href="#">[LSB]</a>	XRenderFillRectangle <a href="#">[LSB]</a>	XRenderReferenceGlyphSet <a href="#">[LSB]</a>
XRenderCompositeText32 <a href="#">[LSB]</a>	XRenderFillRectangles <a href="#">[LSB]</a>	XRenderSetPictureClipRectangles <a href="#">[LSB]</a>
XRenderCompositeText8 <a href="#">[LSB]</a>	XRenderFindFormat <a href="#">[LSB]</a>	XRenderSetPictureClipRegion <a href="#">[LSB]</a>
XRenderCompositeTrapezoids <a href="#">[LSB]</a>	XRenderFindStandardFormat <a href="#">[LSB]</a>	XRenderSetPictureFilter <a href="#">[LSB]</a>
XRenderCompositeTriFan <a href="#">[LSB]</a>	XRenderFindVisualFormat <a href="#">[LSB]</a>	XRenderSetPictureTransform <a href="#">[LSB]</a>
XRenderCompositeTriStrip <a href="#">[LSB]</a>	XRenderFreeGlyphSet <a href="#">[LSB]</a>	XRenderSetSubpixelOrder <a href="#">[LSB]</a>
XRenderCompositeTriangles <a href="#">[LSB]</a>	XRenderFreeGlyphs <a href="#">[LSB]</a>	

## A.10 libXt

The behavior of the interfaces in this library is specified by the following Standards.

[This Specification](#) [LSB]

[X11 Toolkit Intrinsic](#) [Xt]

**Table A-10 libXt Function Interfaces**

XtAddActions <a href="#">[Xt]</a>	XtCvtStringToInitialState <a href="#">[Xt]</a>	XtOwnSelectionIncremental <a href="#">[Xt]</a>
XtAddCallback <a href="#">[Xt]</a>	XtCvtStringToInt <a href="#">[Xt]</a>	XtParent <a href="#">[Xt]</a>
XtAddCallbacks <a href="#">[Xt]</a>	XtCvtStringToPixel <a href="#">[Xt]</a>	XtParseAcceleratorTable <a href="#">[Xt]</a>
XtAddConverter <a href="#">[Xt]</a>	XtCvtStringToRestartStyle <a href="#">[Xt]</a>	XtParseTranslationTable <a href="#">[Xt]</a>
XtAddEventHandler <a href="#">[Xt]</a>	XtCvtStringToShort <a href="#">[Xt]</a>	XtPeekEvent <a href="#">[Xt]</a>
XtAddExposureToRegion <a href="#">[Xt]</a>	XtCvtStringToTranslationTable <a href="#">[Xt]</a>	XtPending <a href="#">[Xt]</a>
XtAddGrab <a href="#">[Xt]</a>	XtCvtStringToUnsignedChar <a href="#">[Xt]</a>	XtPopdown <a href="#">[Xt]</a>
XtAddInput <a href="#">[Xt]</a>	XtCvtStringToVisual <a href="#">[Xt]</a>	XtPopup <a href="#">[Xt]</a>
XtAddRawEventHandler <a href="#">[Xt]</a>	XtDatabase <a href="#">[Xt]</a>	XtPopupSpringLoaded <a href="#">[Xt]</a>
XtAddSignal <a href="#">[Xt]</a>	XtDestroyApplicationContext <a href="#">[Xt]</a>	XtProcessEvent <a href="#">[Xt]</a>
XtAddTimeOut <a href="#">[Xt]</a>	XtDestroyGC <a href="#">[Xt]</a>	XtProcessLock <a href="#">[Xt]</a>
XtAddWorkProc <a href="#">[Xt]</a>	XtDestroyWidget <a href="#">[Xt]</a>	XtProcessUnlock <a href="#">[Xt]</a>
XtAllocateGC <a href="#">[Xt]</a>	XtDirectConvert <a href="#">[Xt]</a>	XtQueryGeometry <a href="#">[Xt]</a>
XtAppAddActionHook <a href="#">[Xt]</a>	XtDisownSelection <a href="#">[Xt]</a>	XtRealizeWidget <a href="#">[Xt]</a>
XtAppAddActions <a href="#">[Xt]</a>	XtDispatchEvent <a href="#">[Xt]</a>	XtRealloc <a href="#">[Xt]</a>
XtAppAddBlockHook <a href="#">[Xt]</a>	XtDispatchEventToWidget <a href="#">[Xt]</a>	XtRegisterCaseConverter <a href="#">[Xt]</a>
XtAppAddConverter <a href="#">[Xt]</a>	XtDisplay <a href="#">[Xt]</a>	XtRegisterDrawable <a href="#">[Xt]</a>
XtAppAddInput <a href="#">[Xt]</a>	XtDisplayInitialize <a href="#">[Xt]</a>	XtRegisterExtensionSelector <a href="#">[Xt]</a>
XtAppAddSignal <a href="#">[Xt]</a>	XtDisplayOfObject <a href="#">[Xt]</a>	XtRegisterGrabAction <a href="#">[Xt]</a>
XtAppAddTimeOut <a href="#">[Xt]</a>	XtDisplayStringConversionWarning <a href="#">[Xt]</a>	XtReleaseGC <a href="#">[Xt]</a>
XtAppAddWorkProc <a href="#">[Xt]</a>	XtDisplayToApplicationContext <a href="#">[Xt]</a>	XtReleasePropertyAtom <a href="#">[Xt]</a>
XtAppCreateShell <a href="#">[Xt]</a>	XtError <a href="#">[Xt]</a>	XtRemoveActionHook <a href="#">[Xt]</a>
XtAppError <a href="#">[Xt]</a>	XtErrorMsg <a href="#">[Xt]</a>	XtRemoveAllCallbacks <a href="#">[Xt]</a>
XtAppErrorMsg <a href="#">[Xt]</a>	XtFindFile <a href="#">[Xt]</a>	XtRemoveBlockHook <a href="#">[Xt]</a>
XtAppGetErrorDatabase <a href="#">[Xt]</a>	XtFree <a href="#">[Xt]</a>	XtRemoveCallback <a href="#">[Xt]</a>
XtAppGetErrorDatabaseText <a href="#">[Xt]</a>	XtGetActionKeysym <a href="#">[Xt]</a>	XtRemoveCallbacks <a href="#">[Xt]</a>
XtAppGetExitFlag <a href="#">[Xt]</a>	XtGetActionList <a href="#">[Xt]</a>	XtRemoveEventHandler <a href="#">[Xt]</a>
XtAppGetSelectionTimeout <a href="#">[Xt]</a>	XtGetApplicationNameAndClass <a href="#">[Xt]</a>	XtRemoveEventTypeHandler <a href="#">[Xt]</a>



XtAppInitialize <a href="#">[Xt]</a>	XtGetApplicationResources <a href="#">[Xt]</a>	XtRemoveGrab <a href="#">[Xt]</a>
XtAppLock <a href="#">[Xt]</a>	XtGetClassExtension <a href="#">[Xt]</a>	XtRemoveInput <a href="#">[Xt]</a>
XtAppMainLoop <a href="#">[Xt]</a>	XtGetConstraintResourceList <a href="#">[Xt]</a>	XtRemoveRawEventHandler <a href="#">[Xt]</a>
XtAppNextEvent <a href="#">[Xt]</a>	XtGetDisplays <a href="#">[Xt]</a>	XtRemoveSignal <a href="#">[Xt]</a>
XtAppPeekEvent <a href="#">[Xt]</a>	XtGetErrorDatabase <a href="#">[Xt]</a>	XtRemoveTimeOut <a href="#">[Xt]</a>
XtAppPending <a href="#">[Xt]</a>	XtGetErrorDatabaseText <a href="#">[Xt]</a>	XtRemoveWorkProc <a href="#">[Xt]</a>
XtAppProcessEvent <a href="#">[Xt]</a>	XtGetGC <a href="#">[Xt]</a>	XtReservePropertyAtom <a href="#">[Xt]</a>
XtAppReleaseCacheRefs <a href="#">[Xt]</a>	XtGetKeyboardFocusWidget <a href="#">[Xt]</a>	XtResizeWidget <a href="#">[Xt]</a>
XtAppSetErrorHandler <a href="#">[Xt]</a>	XtGetKeysymTable <a href="#">[Xt]</a>	XtResizeWindow <a href="#">[Xt]</a>
XtAppSetErrorMsgHandler <a href="#">[Xt]</a>	XtGetMultiClickTime <a href="#">[Xt]</a>	XtResolvePathname <a href="#">[Xt]</a>
XtAppSetExitFlag <a href="#">[Xt]</a>	XtGetResourceList <a href="#">[Xt]</a>	XtScreen <a href="#">[Xt]</a>
XtAppSetFallbackResources <a href="#">[Xt]</a>	XtGetSelectionParameters <a href="#">[Xt]</a>	XtScreenDatabase <a href="#">[Xt]</a>
XtAppSetSelectionTimeout <a href="#">[Xt]</a>	XtGetSelectionRequest <a href="#">[Xt]</a>	XtScreenOfObject <a href="#">[Xt]</a>
XtAppSetTypeConverter <a href="#">[Xt]</a>	XtGetSelectionTimeout <a href="#">[Xt]</a>	XtSendSelectionRequest <a href="#">[Xt]</a>
XtAppSetWarningHandler <a href="#">[Xt]</a>	XtGetSelectionValue <a href="#">[Xt]</a>	XtSessionGetToken <a href="#">[Xt]</a>
XtAppSetWarningMsgHandler <a href="#">[Xt]</a>	XtGetSelectionValueIncremental <a href="#">[Xt]</a>	XtSessionReturnToken <a href="#">[Xt]</a>
XtAppUnlock <a href="#">[Xt]</a>	XtGetSelectionValues <a href="#">[Xt]</a>	XtSetErrorHandler <a href="#">[Xt]</a>
XtAppWarning <a href="#">[Xt]</a>	XtGetSelectionValuesIncremental <a href="#">[Xt]</a>	XtSetErrorMsgHandler <a href="#">[Xt]</a>
XtAppWarningMsg <a href="#">[Xt]</a>	XtGetSubresources <a href="#">[Xt]</a>	XtSetEventDispatcher <a href="#">[Xt]</a>
XtAugmentTranslations <a href="#">[Xt]</a>	XtGetSubvalues <a href="#">[Xt]</a>	XtSetKeyTranslator <a href="#">[Xt]</a>
XtBuildEventMask <a href="#">[Xt]</a>	XtGetValues <a href="#">[Xt]</a>	XtSetKeyboardFocus <a href="#">[Xt]</a>
XtCallAcceptFocus <a href="#">[Xt]</a>	XtGrabButton <a href="#">[Xt]</a>	XtSetLanguageProc <a href="#">[Xt]</a>
XtCallActionProc <a href="#">[Xt]</a>	XtGrabKey <a href="#">[Xt]</a>	XtSetMappedWhenManaged <a href="#">[Xt]</a>
XtCallCallbackList <a href="#">[Xt]</a>	XtGrabKeyboard <a href="#">[Xt]</a>	XtSetMultiClickTime <a href="#">[Xt]</a>
XtCallCallbacks <a href="#">[Xt]</a>	XtGrabPointer <a href="#">[Xt]</a>	XtSetSelectionParameters <a href="#">[Xt]</a>
XtCallConverter <a href="#">[Xt]</a>	XtHasCallbacks <a href="#">[Xt]</a>	XtSetSelectionTimeout <a href="#">[Xt]</a>
XtCallbackExclusive <a href="#">[Xt]</a>	XtHooksOfDisplay <a href="#">[Xt]</a>	XtSetSensitive <a href="#">[Xt]</a>
XtCallbackNone <a href="#">[Xt]</a>	XtInitialize <a href="#">[Xt]</a>	XtSetSubvalues <a href="#">[Xt]</a>
XtCallbackNonexclusive	XtInitializeWidgetClass	XtSetTypeConverter <a href="#">[Xt]</a>



<a href="#">Xt</a>	<a href="#">Xt</a>	
<a href="#">XtCallbackPopdown</a> <a href="#">[Xt]</a>	<a href="#">XtInsertEventHandler</a> <a href="#">[Xt]</a>	<a href="#">XtSetValues</a> <a href="#">[Xt]</a>
<a href="#">XtCallbackReleaseCacheRef</a> <a href="#">[Xt]</a>	<a href="#">XtInsertEventTypeHandler</a> <a href="#">[Xt]</a>	<a href="#">XtSetWMColormapWindows</a> <a href="#">[Xt]</a>
<a href="#">XtCallbackReleaseCacheRefList</a> <a href="#">[Xt]</a>	<a href="#">XtInsertRawEventHandler</a> <a href="#">[Xt]</a>	<a href="#">XtSetWarningHandler</a> <a href="#">[Xt]</a>
<a href="#">XtCalloc</a> <a href="#">[Xt]</a>	<a href="#">XtInstallAccelerators</a> <a href="#">[Xt]</a>	<a href="#">XtSetWarningMsgHandler</a> <a href="#">[Xt]</a>
<a href="#">XtCancelSelectionRequest</a> <a href="#">[Xt]</a>	<a href="#">XtInstallAllAccelerators</a> <a href="#">[Xt]</a>	<a href="#">XtStringConversionWarning</a> <a href="#">[Xt]</a>
<a href="#">XtChangeManagedSet</a> <a href="#">[Xt]</a>	<a href="#">XtIsApplicationShell</a> <a href="#">[Xt]</a>	<a href="#">XtSuperclass</a> <a href="#">[Xt]</a>
<a href="#">XtClass</a> <a href="#">[Xt]</a>	<a href="#">XtIsComposite</a> <a href="#">[Xt]</a>	<a href="#">XtToolkitInitialize</a> <a href="#">[Xt]</a>
<a href="#">XtCloseDisplay</a> <a href="#">[Xt]</a>	<a href="#">XtIsConstraint</a> <a href="#">[Xt]</a>	<a href="#">XtToolkitThreadInitialize</a> <a href="#">[Xt]</a>
<a href="#">XtConfigureWidget</a> <a href="#">[Xt]</a>	<a href="#">XtIsManaged</a> <a href="#">[Xt]</a>	<a href="#">XtTranslateCoords</a> <a href="#">[Xt]</a>
<a href="#">XtConvert</a> <a href="#">[Xt]</a>	<a href="#">XtIsObject</a> <a href="#">[Xt]</a>	<a href="#">XtTranslateKey</a> <a href="#">[Xt]</a>
<a href="#">XtConvertAndStore</a> <a href="#">[Xt]</a>	<a href="#">XtIsOverrideShell</a> <a href="#">[Xt]</a>	<a href="#">XtTranslateKeycode</a> <a href="#">[Xt]</a>
<a href="#">XtConvertCase</a> <a href="#">[Xt]</a>	<a href="#">XtIsRealized</a> <a href="#">[Xt]</a>	<a href="#">XtUngrabButton</a> <a href="#">[Xt]</a>
<a href="#">XtCreateApplicationContext</a> <a href="#">[Xt]</a>	<a href="#">XtIsRectObj</a> <a href="#">[Xt]</a>	<a href="#">XtUngrabKey</a> <a href="#">[Xt]</a>
<a href="#">XtCreateApplicationShell</a> <a href="#">[Xt]</a>	<a href="#">XtIsSensitive</a> <a href="#">[Xt]</a>	<a href="#">XtUngrabKeyboard</a> <a href="#">[Xt]</a>
<a href="#">XtCreateManagedWidget</a> <a href="#">[Xt]</a>	<a href="#">XtIsSessionShell</a> <a href="#">[Xt]</a>	<a href="#">XtUngrabPointer</a> <a href="#">[Xt]</a>
<a href="#">XtCreatePopupShell</a> <a href="#">[Xt]</a>	<a href="#">XtIsShell</a> <a href="#">[Xt]</a>	<a href="#">XtUninstallTranslations</a> <a href="#">[Xt]</a>
<a href="#">XtCreateSelectionRequest</a> <a href="#">[Xt]</a>	<a href="#">XtIsSubclass</a> <a href="#">[Xt]</a>	<a href="#">XtUnmanageChild</a> <a href="#">[Xt]</a>
<a href="#">XtCreateWidget</a> <a href="#">[Xt]</a>	<a href="#">XtIsTopLevelShell</a> <a href="#">[Xt]</a>	<a href="#">XtUnmanageChildren</a> <a href="#">[Xt]</a>
<a href="#">XtCreateWindow</a> <a href="#">[Xt]</a>	<a href="#">XtIsTransientShell</a> <a href="#">[Xt]</a>	<a href="#">XtUnmapWidget</a> <a href="#">[Xt]</a>
<a href="#">XtCvtColorToPixel</a> <a href="#">[Xt]</a>	<a href="#">XtIsVendorShell</a> <a href="#">[Xt]</a>	<a href="#">XtUnrealizeWidget</a> <a href="#">[Xt]</a>
<a href="#">XtCvtIntToBool</a> <a href="#">[Xt]</a>	<a href="#">XtIsWMShell</a> <a href="#">[Xt]</a>	<a href="#">XtUnregisterDrawable</a> <a href="#">[Xt]</a>
<a href="#">XtCvtIntToBoolean</a> <a href="#">[Xt]</a>	<a href="#">XtIsWidget</a> <a href="#">[Xt]</a>	<a href="#">XtVaAppCreateShell</a> <a href="#">[Xt]</a>
<a href="#">XtCvtIntToColor</a> <a href="#">[Xt]</a>	<a href="#">XtKeysymToKeycodeList</a> <a href="#">[Xt]</a>	<a href="#">XtVaAppInitialize</a> <a href="#">[Xt]</a>
<a href="#">XtCvtIntToFloat</a> <a href="#">[Xt]</a>	<a href="#">XtLastEventProcessed</a> <a href="#">[Xt]</a>	<a href="#">XtVaCreateArgsList</a> <a href="#">[Xt]</a>
<a href="#">XtCvtIntToFont</a> <a href="#">[Xt]</a>	<a href="#">XtLastTimestampProcessed</a> <a href="#">[Xt]</a>	<a href="#">XtVaCreateManagedWidget</a> <a href="#">[Xt]</a>
<a href="#">XtCvtIntToPixel</a> <a href="#">[Xt]</a>	<a href="#">XtMainLoop</a> <a href="#">[Xt]</a>	<a href="#">XtVaCreatePopupShell</a> <a href="#">[Xt]</a>
<a href="#">XtCvtIntToPixmap</a> <a href="#">[Xt]</a>	<a href="#">XtMakeGeometryRequest</a> <a href="#">[Xt]</a>	<a href="#">XtVaCreateWidget</a> <a href="#">[Xt]</a>
<a href="#">XtCvtIntToShort</a> <a href="#">[Xt]</a>	<a href="#">XtMakeResizeRequest</a> <a href="#">[Xt]</a>	<a href="#">XtVaGetApplicationResources</a> <a href="#">[Xt]</a>
<a href="#">XtCvtIntToUnsignedChar</a>	<a href="#">XtMalloc</a> <a href="#">[Xt]</a>	<a href="#">XtVaGetSubresources</a> <a href="#">[Xt]</a>

<a href="#">[Xt]</a>		<a href="#">1</a>
<a href="#">XtCvtStringToAcceleratorTable[Xt]</a>	<a href="#">XtManageChild[Xt]</a>	<a href="#">XtVaGetSubvalues[Xt]</a>
<a href="#">XtCvtStringToAtom[Xt]</a>	<a href="#">XtManageChildren[Xt]</a>	<a href="#">XtVaGetValues[Xt]</a>
<a href="#">XtCvtStringToBool[Xt]</a>	<a href="#">XtMapWidget[Xt]</a>	<a href="#">XtVaOpenApplication[Xt]</a>
<a href="#">XtCvtStringToBoolean[Xt]</a>	<a href="#">XtMenuPopupAction[Xt]</a>	<a href="#">XtVaSetSubvalues[Xt]</a>
<a href="#">XtCvtStringToCommandArgArray[Xt]</a>	<a href="#">XtMergeArgLists[Xt]</a>	<a href="#">XtVaSetValues[Xt]</a>
<a href="#">XtCvtStringToCursor[Xt]</a>	<a href="#">XtMoveWidget[Xt]</a>	<a href="#">XtWarning[Xt]</a>
<a href="#">XtCvtStringToDimension[Xt]</a>	<a href="#">XtName[Xt]</a>	<a href="#">XtWarningMsg[Xt]</a>
<a href="#">XtCvtStringToDirectoryString[Xt]</a>	<a href="#">XtNameToWidget[Xt]</a>	<a href="#">XtWidgetToApplicationContext[Xt]</a>
<a href="#">XtCvtStringToDisplay[Xt]</a>	<a href="#">XtNewString[Xt]</a>	<a href="#">XtWindow[Xt]</a>
<a href="#">XtCvtStringToFile[Xt]</a>	<a href="#">XtNextEvent[Xt]</a>	<a href="#">XtWindowOfObject[Xt]</a>
<a href="#">XtCvtStringToFloat[Xt]</a>	<a href="#">XtNoticeSignal[Xt]</a>	<a href="#">XtWindowToWidget[Xt]</a>
<a href="#">XtCvtStringToFont[Xt]</a>	<a href="#">XtOpenApplication[Xt]</a>	<a href="#">_XtCheckSubclassFlag[Xt]</a>
<a href="#">XtCvtStringToFontSet[Xt]</a>	<a href="#">XtOpenDisplay[Xt]</a>	<a href="#">_XtCopyFromArg[LSB]</a>
<a href="#">XtCvtStringToFontStruct[Xt]</a>	<a href="#">XtOverrideTranslations[Xt]</a>	<a href="#">_XtInherit[LSB]</a>
<a href="#">XtCvtStringToGravity[Xt]</a>	<a href="#">XtOwnSelection[Xt]</a>	<a href="#">_XtIsSubclassOf[LSB]</a>

**Table A-11 libXt Data Interfaces**

<a href="#">XtCXtToolkitError[Xt]</a>	<a href="#">constraintWidgetClass[Xt]</a>	<a href="#">shellWidgetClass[Xt]</a>
<a href="#">XtShellStrings[Xt]</a>	<a href="#">coreWidgetClass[Xt]</a>	<a href="#">topLevelShellClassRec[Xt]</a>
<a href="#">XtStrings[Xt]</a>	<a href="#">objectClass[Xt]</a>	<a href="#">topLevelShellWidgetClasses[Xt]</a>
<a href="#">_XtInheritTranslations[LSB]</a>	<a href="#">objectClassRec[Xt]</a>	<a href="#">transientShellClassRec[Xt]</a>
<a href="#">applicationShellClassRec[Xt]</a>	<a href="#">overrideShellClassRec[Xt]</a>	<a href="#">transientShellWidgetClasses[Xt]</a>
<a href="#">applicationShellWidgetClass[Xt]</a>	<a href="#">overrideShellWidgetClass[Xt]</a>	<a href="#">widgetClass[Xt]</a>
<a href="#">colorConvertArgs[Xt]</a>	<a href="#">rectObjClass[Xt]</a>	<a href="#">widgetClassRec[Xt]</a>
<a href="#">compositeClassRec[Xt]</a>	<a href="#">rectObjClassRec[Xt]</a>	<a href="#">wmShellClassRec[Xt]</a>
<a href="#">compositeWidgetClass[Xt]</a>	<a href="#">sessionShellClassRec[Xt]</a>	<a href="#">wmShellWidgetClass[Xt]</a>
<a href="#">constraintClassRec[Xt]</a>	<a href="#">sessionShellWidgetClass[Xt]</a>	

## A.11 libXtst

The behavior of the interfaces in this library is specified by the following Standards.  
[XTEST Extension Library](#) [X-test]

**Table A-12 libXtst Function Interfaces**

XTestCompareCurrentCursorWithWindow <a href="#">[X-test]</a>	XTestFakeDeviceKeyEvent <a href="#">[X-test]</a>	XTestFakeRelativeMotionEvent <a href="#">[X-test]</a>
XTestCompareCursorWithWindow <a href="#">[X-test]</a>	XTestFakeDeviceMotionEvent <a href="#">[X-test]</a>	XTestGrabControl <a href="#">[X-test]</a>
XTestDiscard <a href="#">[X-test]</a>	XTestFakeKeyEvent <a href="#">[X-test]</a>	XTestQueryExtension <a href="#">[X-test]</a>
XTestFakeButtonEvent <a href="#">[X-test]</a>	XTestFakeMotionEvent <a href="#">[X-test]</a>	XTestSetGContextOfGC <a href="#">[X-test]</a>
XTestFakeDeviceButtonEvent <a href="#">[X-test]</a>	XTestFakeProximityEvent <a href="#">[X-test]</a>	XTestSetVisualIDOfVisual <a href="#">[X-test]</a>

## A.12 libcairo

The behavior of the interfaces in this library is specified by the following Standards.  
[Cairo API Reference](#) [Cairo 1.12.4]  
[This Specification](#) [LSB]

**Table A-13 libcairo Function Interfaces**

cairo_append_path <a href="#">[Cairo 1.12.4]</a>	cairo_mesh_pattern_get_corner_color_rgba <a href="#">[Cairo 1.12.4]</a>	cairo_script_set_mode <a href="#">[Cairo 1.12.4]</a>
cairo_arc <a href="#">[Cairo 1.12.4]</a>	cairo_mesh_pattern_get_patch_count <a href="#">[Cairo 1.12.4]</a>	cairo_script_surface_create <a href="#">[Cairo 1.12.4]</a>
cairo_arc_negative <a href="#">[Cairo 1.12.4]</a>	cairo_mesh_pattern_get_path <a href="#">[Cairo 1.12.4]</a>	cairo_script_surface_create_for_target <a href="#">[Cairo 1.12.4]</a>
cairo_clip <a href="#">[Cairo 1.12.4]</a>	cairo_mesh_pattern_line_to <a href="#">[Cairo 1.12.4]</a>	cairo_script_write_comment <a href="#">[Cairo 1.12.4]</a>
cairo_clip_preserve <a href="#">[Cairo 1.12.4]</a>	cairo_mesh_pattern_move_to <a href="#">[Cairo 1.12.4]</a>	cairo_select_font_face <a href="#">[Cairo 1.12.4]</a>
cairo_close_path <a href="#">[Cairo 1.12.4]</a>	cairo_mesh_pattern_set_control_point <a href="#">[Cairo 1.12.4]</a>	cairo_set_antialias <a href="#">[Cairo 1.12.4]</a>
cairo_copy_page <a href="#">[Cairo 1.12.4]</a>	cairo_mesh_pattern_set_corner_color_rgb <a href="#">[Cairo 1.12.4]</a>	cairo_set_dash <a href="#">[Cairo 1.12.4]</a>
cairo_copy_path <a href="#">[Cairo 1.12.4]</a>	cairo_mesh_pattern_set_corner_color_rgba <a href="#">[Cairo 1.12.4]</a>	cairo_set_fill_rule <a href="#">[Cairo 1.12.4]</a>
cairo_copy_path_flat <a href="#">[Cairo 1.12.4]</a>	cairo_move_to <a href="#">[Cairo 1.12.4]</a>	cairo_set_font_face <a href="#">[Cairo 1.12.4]</a>
cairo_create <a href="#">[Cairo 1.12.4]</a>	cairo_new_path <a href="#">[Cairo 1.12.4]</a>	cairo_set_font_matrix <a href="#">[Cairo 1.12.4]</a>
cairo_curve_to <a href="#">[Cairo 1.12.4]</a>	cairo_new_sub_path <a href="#">[Cairo 1.12.4]</a>	cairo_set_font_options <a href="#">[Cairo 1.12.4]</a>
cairo_destroy <a href="#">[Cairo 1.12.4]</a>	cairo_paint <a href="#">[Cairo 1.12.4]</a>	cairo_set_font_size <a href="#">[Cairo 1.12.4]</a>
cairo_device_acquire <a href="#">[Cairo 1.12.4]</a>	cairo_paint_with_alpha <a href="#">[Cairo 1.12.4]</a>	cairo_set_line_cap <a href="#">[Cairo 1.12.4]</a>

<a href="#">cairo_device_destroy[Cairo 1.12.4]</a>	<a href="#">cairo_path_destroy[Cairo 1.12.4]</a>	<a href="#">1.12.4]</a>
<a href="#">cairo_device_finish[Cairo 1.12.4]</a>	<a href="#">cairo_path_extents[Cairo 1.12.4]</a>	<a href="#">cairo_set_line_join[Cairo 1.12.4]</a>
<a href="#">cairo_device_flush[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_add_color_stop_rgb[Cairo 1.12.4]</a>	<a href="#">cairo_set_line_width[Cairo 1.12.4]</a>
<a href="#">cairo_device_get_reference_count[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_add_color_stop_rgba[Cairo 1.12.4]</a>	<a href="#">cairo_set_matrix[Cairo 1.12.4]</a>
<a href="#">cairo_device_get_type[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_create_for_surface[Cairo 1.12.4]</a>	<a href="#">cairo_set_miter_limit[Cairo 1.12.4]</a>
<a href="#">cairo_device_get_user_data[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_create_linear[Cairo 1.12.4]</a>	<a href="#">cairo_set_operator[Cairo 1.12.4]</a>
<a href="#">cairo_device_observer_elapsed[LSB]</a>	<a href="#">cairo_pattern_create_mesh[Cairo 1.12.4]</a>	<a href="#">cairo_set_scaled_font[Cairo 1.12.4]</a>
<a href="#">cairo_device_observer_elapsed[LSB]</a>	<a href="#">cairo_pattern_create_radial[Cairo 1.12.4]</a>	<a href="#">cairo_set_source[Cairo 1.12.4]</a>
<a href="#">cairo_device_observer_elapsed[LSB]</a>	<a href="#">cairo_pattern_create_raster_source[Cairo 1.12.4]</a>	<a href="#">cairo_set_source_rgb[Cairo 1.12.4]</a>
<a href="#">cairo_device_observer_mask_elapsed[LSB]</a>	<a href="#">cairo_pattern_create_rgb[Cairo 1.12.4]</a>	<a href="#">cairo_set_source_rgba[Cairo 1.12.4]</a>
<a href="#">cairo_device_observer_paint_elapsed[LSB]</a>	<a href="#">cairo_pattern_create_rgba[Cairo 1.12.4]</a>	<a href="#">cairo_set_source_surface[Cairo 1.12.4]</a>
<a href="#">cairo_device_observer_print_elapsed[LSB]</a>	<a href="#">cairo_pattern_destroy[Cairo 1.12.4]</a>	<a href="#">cairo_set_tolerance[Cairo 1.12.4]</a>
<a href="#">cairo_device_observer_stroke_elapsed[LSB]</a>	<a href="#">cairo_pattern_get_extend[Cairo 1.12.4]</a>	<a href="#">cairo_show_glyphs[Cairo 1.12.4]</a>
<a href="#">cairo_device_reference[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_get_filter[Cairo 1.12.4]</a>	<a href="#">cairo_show_page[Cairo 1.12.4]</a>
<a href="#">cairo_device_release[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_get_matrix[Cairo 1.12.4]</a>	<a href="#">cairo_show_text[Cairo 1.12.4]</a>
<a href="#">cairo_device_set_user_data[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_get_type[Cairo 1.12.4]</a>	<a href="#">cairo_show_text_glyphs[Cairo 1.12.4]</a>
<a href="#">cairo_device_status[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_get_status[Cairo 1.12.4]</a>	<a href="#">cairo_status[Cairo 1.12.4]</a>
<a href="#">cairo_device_to_user[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_reference[Cairo 1.12.4]</a>	<a href="#">cairo_status_to_string[Cairo 1.12.4]</a>
<a href="#">cairo_device_to_user_distance[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_set_extend[Cairo 1.12.4]</a>	<a href="#">cairo_stroke[Cairo 1.12.4]</a>
<a href="#">cairo_fill[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_set_filter[Cairo 1.12.4]</a>	<a href="#">cairo_stroke_extents[Cairo 1.12.4]</a>
<a href="#">cairo_fill_extents[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_set_matrix[Cairo 1.12.4]</a>	<a href="#">cairo_stroke_preserve[Cairo 1.12.4]</a>
<a href="#">cairo_fill_preserve[Cairo 1.12.4]</a>	<a href="#">cairo_pattern_status[Cairo 1.12.4]</a>	<a href="#">cairo_surface_copy_page[Cairo 1.12.4]</a>
<a href="#">cairo_font_extents[Cairo 1.12.4]</a>	<a href="#">cairo_pdf_get_versions[Cairo 1.12.4]</a>	<a href="#">cairo_surface_create_for_rectangle[Cairo 1.12.4]</a>
<a href="#">cairo_font_face_destroy[Cairo 1.12.4]</a>	<a href="#">cairo_pdf_surface_create[Cairo 1.12.4]</a>	<a href="#">cairo_surface_create_observer[LSB]</a>
	<a href="#">cairo_pdf_surface_create_for_stream[Cairo 1.12.4]</a>	<a href="#">cairo_surface_create_similar[Cairo 1.12.4]</a>

cairo_font_face_get_type[Cairo 1.12.4]	cairo_pdf_surface_restrict_to_version[Cairo 1.12.4]	cairo_surface_create_similar_image[Cairo 1.12.4]
cairo_font_face_get_user_data[Cairo 1.12.4]	cairo_pdf_surface_set_size[Cairo 1.12.4]	cairo_surface_destroy[Cairo 1.12.4]
cairo_font_face_reference[Cairo 1.12.4]	cairo_pdf_version_to_string[Cairo 1.12.4]	cairo_surface_finish[Cairo 1.12.4]
cairo_font_face_set_user_data[Cairo 1.12.4]	cairo_pop_group[Cairo 1.12.4]	cairo_surface_flush[Cairo 1.12.4]
cairo_font_face_status[Cairo 1.12.4]	cairo_pop_group_to_source[Cairo 1.12.4]	cairo_surface_get_content[Cairo 1.12.4]
cairo_font_options_copy[Cairo 1.12.4]	cairo_ps_get_levels[Cairo 1.12.4]	cairo_surface_get_device[Cairo 1.12.4]
cairo_font_options_create[Cairo 1.12.4]	cairo_ps_level_to_string[Cairo 1.12.4]	cairo_surface_get_device_offset[Cairo 1.12.4]
cairo_font_options_destroy[Cairo 1.12.4]	cairo_ps_surface_create[Cairo 1.12.4]	cairo_surface_get_fallback_resolution[Cairo 1.12.4]
cairo_font_options_equal[Cairo 1.12.4]	cairo_ps_surface_create_for_stream[Cairo 1.12.4]	cairo_surface_get_font_options[Cairo 1.12.4]
cairo_font_options_get_antialias[Cairo 1.12.4]	cairo_ps_surface_dsc_begin_page_setup[Cairo 1.12.4]	cairo_surface_get_mime_data[Cairo 1.12.4]
cairo_font_options_get_hint_metrics[Cairo 1.12.4]	cairo_ps_surface_dsc_begin_setup[Cairo 1.12.4]	cairo_surface_get_type[Cairo 1.12.4]
cairo_font_options_get_hint_style[Cairo 1.12.4]	cairo_ps_surface_dsc_comment[Cairo 1.12.4]	cairo_surface_get_user_data[Cairo 1.12.4]
cairo_font_options_get_subpixel_order[Cairo 1.12.4]	cairo_ps_surface_get_eps[Cairo 1.12.4]	cairo_surface_has_show_text_glyphs[Cairo 1.12.4]
cairo_font_options_hash[Cairo 1.12.4]	cairo_ps_surface_restrict_to_level[Cairo 1.12.4]	cairo_surface_map_to_image[Cairo 1.12.4]
cairo_font_options_merge[Cairo 1.12.4]	cairo_ps_surface_set_eps[Cairo 1.12.4]	cairo_surface_mark_dirty[Cairo 1.12.4]
cairo_font_options_set_antialias[Cairo 1.12.4]	cairo_ps_surface_set_size[Cairo 1.12.4]	cairo_surface_mark_dirty_rectangle[Cairo 1.12.4]
cairo_font_options_set_hint_metrics[Cairo 1.12.4]	cairo_push_group[Cairo 1.12.4]	cairo_surface_observer_add_fill_callback[LSB]
cairo_font_options_set_hint_style[Cairo 1.12.4]	cairo_push_group_with_content[Cairo 1.12.4]	cairo_surface_observer_add_finish_callback[LSB]
cairo_font_options_set_subpixel_order[Cairo 1.12.4]	cairo_raster_source_pattern_get_acquire[Cairo 1.12.4]	cairo_surface_observer_add_flush_callback[LSB]
cairo_font_options_status[Cairo 1.12.4]	cairo_raster_source_pattern_get_callback_data[Cairo 1.12.4]	cairo_surface_observer_add_glyphs_callback[LSB]
cairo_format_stride_for_width[Cairo 1.12.4]	cairo_raster_source_pattern_get_copy[Cairo 1.12.4]	cairo_surface_observer_add_mask_callback[LSB]
cairo_ft_font_face_create_for_ft_face[Cairo 1.12.4]	cairo_raster_source_pattern_get_finish[Cairo 1.12.4]	cairo_surface_observer_add_paint_callback[LSB]

<a href="#">cairo_ft_font_face_create_for_pattern[Cairo 1.12.4]</a>	<a href="#">cairo_raster_source_pattern_get_snapshot[Cairo 1.12.4]</a>	<a href="#">cairo_surface_observer_add_stroke_callback[LSB]</a>
<a href="#">cairo_ft_font_face_get_synthesize[Cairo 1.12.4]</a>	<a href="#">cairo_raster_source_pattern_set_acquire[Cairo 1.12.4]</a>	<a href="#">cairo_surface_observer_elapsed[LSB]</a>
<a href="#">cairo_ft_font_face_set_synthesize[Cairo 1.12.4]</a>	<a href="#">cairo_raster_source_pattern_set_callback_data[Cairo 1.12.4]</a>	<a href="#">cairo_surface_observer_print[LSB]</a>
<a href="#">cairo_ft_font_face_unset_synthesize[Cairo 1.12.4]</a>	<a href="#">cairo_raster_source_pattern_set_copy[Cairo 1.12.4]</a>	<a href="#">cairo_surface_reference[Cairo 1.12.4]</a>
<a href="#">cairo_ft_font_options_substitute[Cairo 1.12.4]</a>	<a href="#">cairo_raster_source_pattern_set_finish[Cairo 1.12.4]</a>	<a href="#">cairo_surface_set_device_offset[Cairo 1.12.4]</a>
<a href="#">cairo_ft_scaled_font_lock_face[Cairo 1.12.4]</a>	<a href="#">cairo_raster_source_pattern_set_snapshot[Cairo 1.12.4]</a>	<a href="#">cairo_surface_set_fallback_resolution[Cairo 1.12.4]</a>
<a href="#">cairo_ft_scaled_font_unlock_face[Cairo 1.12.4]</a>	<a href="#">cairo_recording_surface_create[Cairo 1.12.4]</a>	<a href="#">cairo_surface_set_mime_data[Cairo 1.12.4]</a>
<a href="#">cairo_get_antialias[Cairo 1.12.4]</a>	<a href="#">cairo_recording_surface_get_extents[Cairo 1.12.4]</a>	<a href="#">cairo_surface_set_user_data[Cairo 1.12.4]</a>
<a href="#">cairo_get_current_point[Cairo 1.12.4]</a>	<a href="#">cairo_recording_surface_inkh_extents[Cairo 1.12.4]</a>	<a href="#">cairo_surface_show_page[Cairo 1.12.4]</a>
<a href="#">cairo_get_fill_rule[Cairo 1.12.4]</a>	<a href="#">cairo_rectangle[Cairo 1.12.4]</a>	<a href="#">cairo_surface_status[Cairo 1.12.4]</a>
<a href="#">cairo_get_font_face[Cairo 1.12.4]</a>	<a href="#">cairo_reference[Cairo 1.12.4]</a>	<a href="#">cairo_surface_supports_mime_type[Cairo 1.12.4]</a>
<a href="#">cairo_get_font_matrix[Cairo 1.12.4]</a>	<a href="#">cairo_region_contains_point[Cairo 1.12.4]</a>	<a href="#">cairo_surface_unmap_image[Cairo 1.12.4]</a>
<a href="#">cairo_get_font_options[Cairo 1.12.4]</a>	<a href="#">cairo_region_contains_rectangle[Cairo 1.12.4]</a>	<a href="#">cairo_surface_write_to_png[Cairo 1.12.4]</a>
<a href="#">cairo_get_group_target[Cairo 1.12.4]</a>	<a href="#">cairo_region_copy[Cairo 1.12.4]</a>	<a href="#">cairo_surface_write_to_png_stream[Cairo 1.12.4]</a>
<a href="#">cairo_get_line_cap[Cairo 1.12.4]</a>	<a href="#">cairo_region_create[Cairo 1.12.4]</a>	<a href="#">cairo_svg_get_versions[Cairo 1.12.4]</a>
<a href="#">cairo_get_line_join[Cairo 1.12.4]</a>	<a href="#">cairo_region_create_rectangle[Cairo 1.12.4]</a>	<a href="#">cairo_svg_surface_create[Cairo 1.12.4]</a>
<a href="#">cairo_get_line_width[Cairo 1.12.4]</a>	<a href="#">cairo_region_create_rectangles[Cairo 1.12.4]</a>	<a href="#">cairo_svg_surface_create_for_stream[Cairo 1.12.4]</a>
<a href="#">cairo_get_matrix[Cairo 1.12.4]</a>	<a href="#">cairo_region_destroy[Cairo 1.12.4]</a>	<a href="#">cairo_svg_surface_restrict_to_version[Cairo 1.12.4]</a>
<a href="#">cairo_get_miter_limit[Cairo 1.12.4]</a>	<a href="#">cairo_region_equal[Cairo 1.12.4]</a>	<a href="#">cairo_svg_version_to_string[Cairo 1.12.4]</a>
<a href="#">cairo_get_operator[Cairo 1.12.4]</a>	<a href="#">cairo_region_get_extents[Cairo 1.12.4]</a>	<a href="#">cairo_text_cluster_allocate[Cairo 1.12.4]</a>
<a href="#">cairo_get_source[Cairo 1.12.4]</a>	<a href="#">cairo_region_get_rectangle[Cairo 1.12.4]</a>	<a href="#">cairo_text_cluster_free[Cairo 1.12.4]</a>
<a href="#">cairo_get_target[Cairo 1.12.4]</a>	<a href="#">cairo_region_intersect[Cairo 1.12.4]</a>	<a href="#">cairo_text_extents[Cairo 1.12.4]</a>
<a href="#">cairo_get_tolerance[Cairo 1.12.4]</a>	<a href="#">cairo_region_intersect_rectangle[Cairo 1.12.4]</a>	<a href="#">cairo_text_path[Cairo 1.12.4]</a>

<a href="#">1.12.4]</a>	<a href="#">ctangle[Cairo 1.12.4]</a>	<a href="#">1.12.4]</a>
<a href="#">cairo_glyph_allocate[Cairo 1.12.4]</a>	<a href="#">cairo_region_is_empty[Cairo 1.12.4]</a>	<a href="#">cairo_toy_font_face_create[Cairo 1.12.4]</a>
<a href="#">cairo_glyph_extents[Cairo 1.12.4]</a>	<a href="#">cairo_region_num_rectangles[Cairo 1.12.4]</a>	<a href="#">cairo_toy_font_face_get_family[Cairo 1.12.4]</a>
<a href="#">cairo_glyph_free[Cairo 1.12.4]</a>	<a href="#">cairo_region_reference[Cairo 1.12.4]</a>	<a href="#">cairo_toy_font_face_get_slant[Cairo 1.12.4]</a>
<a href="#">cairo_glyph_path[Cairo 1.12.4]</a>	<a href="#">cairo_region_status[Cairo 1.12.4]</a>	<a href="#">cairo_toy_font_face_get_weight[Cairo 1.12.4]</a>
<a href="#">cairo_has_current_point[Cairo 1.12.4]</a>	<a href="#">cairo_region_subtract[Cairo 1.12.4]</a>	<a href="#">cairo_transform[Cairo 1.12.4]</a>
<a href="#">cairo_identity_matrix[Cairo 1.12.4]</a>	<a href="#">cairo_region_subtract_rectangle[Cairo 1.12.4]</a>	<a href="#">cairo_translate[Cairo 1.12.4]</a>
<a href="#">cairo_image_surface_create[Cairo 1.12.4]</a>	<a href="#">cairo_region_translate[Cairo 1.12.4]</a>	<a href="#">cairo_user_font_face_create[Cairo 1.12.4]</a>
<a href="#">cairo_image_surface_create_for_data[Cairo 1.12.4]</a>	<a href="#">cairo_region_union[Cairo 1.12.4]</a>	<a href="#">cairo_user_font_face_get_init_func[Cairo 1.12.4]</a>
<a href="#">cairo_image_surface_create_from_png[Cairo 1.12.4]</a>	<a href="#">cairo_region_union_rectangle[Cairo 1.12.4]</a>	<a href="#">cairo_user_font_face_get_render_glyph_func[Cairo 1.12.4]</a>
<a href="#">cairo_image_surface_create_from_png_stream[Cairo 1.12.4]</a>	<a href="#">cairo_region_xor[Cairo 1.12.4]</a>	<a href="#">cairo_user_font_face_get_text_to_glyphs_func[Cairo 1.12.4]</a>
<a href="#">cairo_image_surface_get_data[Cairo 1.12.4]</a>	<a href="#">cairo_region_xor_rectangle[Cairo 1.12.4]</a>	<a href="#">cairo_user_font_face_get_unicode_to_glyph_func[Cairo 1.12.4]</a>
<a href="#">cairo_image_surface_get_format[Cairo 1.12.4]</a>	<a href="#">cairo_rel_curve_to[Cairo 1.12.4]</a>	<a href="#">cairo_user_font_face_set_init_func[Cairo 1.12.4]</a>
<a href="#">cairo_image_surface_get_height[Cairo 1.12.4]</a>	<a href="#">cairo_rel_line_to[Cairo 1.12.4]</a>	<a href="#">cairo_user_font_face_set_render_glyph_func[Cairo 1.12.4]</a>
<a href="#">cairo_image_surface_get_stride[Cairo 1.12.4]</a>	<a href="#">cairo_rel_move_to[Cairo 1.12.4]</a>	<a href="#">cairo_user_font_face_set_text_to_glyphs_func[Cairo 1.12.4]</a>
<a href="#">cairo_image_surface_get_width[Cairo 1.12.4]</a>	<a href="#">cairo_reset_clip[Cairo 1.12.4]</a>	<a href="#">cairo_user_font_face_set_unicode_to_glyph_func[Cairo 1.12.4]</a>
<a href="#">cairo_in_clip[Cairo 1.12.4]</a>	<a href="#">cairo_restore[Cairo 1.12.4]</a>	<a href="#">cairo_user_to_device[Cairo 1.12.4]</a>
<a href="#">cairo_in_fill[Cairo 1.12.4]</a>	<a href="#">cairo_rotate[Cairo 1.12.4]</a>	<a href="#">cairo_user_to_device_distance[Cairo 1.12.4]</a>
<a href="#">cairo_in_stroke[Cairo 1.12.4]</a>	<a href="#">cairo_save[Cairo 1.12.4]</a>	<a href="#">cairo_version[Cairo 1.12.4]</a>
<a href="#">cairo_line_to[Cairo 1.12.4]</a>	<a href="#">cairo_scale[Cairo 1.12.4]</a>	<a href="#">cairo_version_string[Cairo 1.12.4]</a>
<a href="#">cairo_mask[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_create[Cairo 1.12.4]</a>	<a href="#">cairo_xcb_device_get_connection[Cairo 1.12.4]</a>
<a href="#">cairo_mask_surface[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_destroy[Cairo 1.12.4]</a>	<a href="#">cairo_xcb_surface_create[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_init[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_extents</a>	<a href="#">cairo_xcb_surface_create</a>



<a href="#">1.12.4]</a>	<a href="#">[Cairo 1.12.4]</a>	<a href="#">_for_bitmap[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_init_identity[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_get_ctm[Cairo 1.12.4]</a>	<a href="#">cairo_xcb_surface_set_drawable[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_init_rotate[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_get_font_face[Cairo 1.12.4]</a>	<a href="#">cairo_xcb_surface_set_size[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_init_scale[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_get_font_matrix[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_create[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_init_translate[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_get_font_options[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_create_for_bitmap[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_invert[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_get_scale_matrix[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_create_with_xrender_format[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_multiply[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_get_type[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_get_depth[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_rotate[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_glyph_extents[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_get_display[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_scale[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_reference[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_get_drawable[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_transform_distance[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_status[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_get_height[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_transform_point[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_text_extents[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_get_screen[Cairo 1.12.4]</a>
<a href="#">cairo_matrix_translate[Cairo 1.12.4]</a>	<a href="#">cairo_scaled_font_text_to_glyphs[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_get_visual[Cairo 1.12.4]</a>
<a href="#">cairo_mesh_pattern_begin_patch[Cairo 1.12.4]</a>	<a href="#">cairo_script_create[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_get_width[Cairo 1.12.4]</a>
<a href="#">cairo_mesh_pattern_curve_to[Cairo 1.12.4]</a>	<a href="#">cairo_script_create_for_stream[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_get_xrender_format[Cairo 1.12.4]</a>
<a href="#">cairo_mesh_pattern_end_patch[Cairo 1.12.4]</a>	<a href="#">cairo_script_from_recording_surface[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_set_drawable[Cairo 1.12.4]</a>
<a href="#">cairo_mesh_pattern_get_control_point[Cairo 1.12.4]</a>	<a href="#">cairo_script_get_mode[Cairo 1.12.4]</a>	<a href="#">cairo_xlib_surface_set_size[Cairo 1.12.4]</a>

## A.13 libcairo-gobject

The behavior of the interfaces in this library is specified by the following Standards.  
[Gobject 2.32 Reference Manual](#) [Gobject 2.32]

**Table A-14 libcairo-gobject Function Interfaces**

<a href="#">cairo_gobject_antialias_get_type[Gobject 2.32]</a>	<a href="#">cairo_gobject_font_type_get_type[Gobject 2.32]</a>	<a href="#">cairo_gobject_rectangle_get_type[Gobject 2.32]</a>
<a href="#">cairo_gobject_content_get_type[Gobject 2.32]</a>	<a href="#">cairo_gobject_font_weight_get_type[Gobject 2.32]</a>	<a href="#">cairo_gobject_rectangle_int_get_type[Gobject 2.32]</a>
<a href="#">cairo_gobject_context_get_type[Gobject 2.32]</a>	<a href="#">cairo_gobject_format_get_type[Gobject 2.32]</a>	<a href="#">cairo_gobject_region_get_type[Gobject 2.32]</a>
<a href="#">cairo_gobject_device_get_type[Gobject 2.32]</a>	<a href="#">cairo_gobject_hint_metrics_get_type[Gobject 2.32]</a>	<a href="#">cairo_gobject_region_overlap_get_type[Gobject 2.32]</a>



cairo_gobject_device_type_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_hint_style_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_scaled_font_get_type <a href="#">[Gobject 2.32]</a>
cairo_gobject_extend_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_line_cap_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_status_get_type <a href="#">[Gobject 2.32]</a>
cairo_gobject_fill_rule_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_line_join_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_subpixel_order_get_type <a href="#">[Gobject 2.32]</a>
cairo_gobject_filter_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_operator_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_surface_get_type <a href="#">[Gobject 2.32]</a>
cairo_gobject_font_face_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_path_data_type_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_surface_type_get_type <a href="#">[Gobject 2.32]</a>
cairo_gobject_font_options_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_pattern_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_text_cluster_flags_get_type <a href="#">[Gobject 2.32]</a>
cairo_gobject_font_slant_get_type <a href="#">[Gobject 2.32]</a>	cairo_gobject_pattern_type_get_type <a href="#">[Gobject 2.32]</a>	

## A.14 libcairo-script-interpreter

The behavior of the interfaces in this library is specified by the following Standards.

[This Specification](#) [LSB]

**Table A-15 libcairo-script-interpreter Function Interfaces**

cairo_script_interpreter_create <a href="#">[LSB]</a>	cairo_script_interpreter_finish <a href="#">[LSB]</a>	cairo_script_interpreter_run <a href="#">[LSB]</a>
cairo_script_interpreter_destroy <a href="#">[LSB]</a>	cairo_script_interpreter_get_line_number <a href="#">[LSB]</a>	cairo_script_interpreter_translate_stream <a href="#">[LSB]</a>
cairo_script_interpreter_feed_stream <a href="#">[LSB]</a>	cairo_script_interpreter_install_hooks <a href="#">[LSB]</a>	
cairo_script_interpreter_feed_string <a href="#">[LSB]</a>	cairo_script_interpreter_reference <a href="#">[LSB]</a>	

## A.15 libfontconfig

The behavior of the interfaces in this library is specified by the following Standards.

[Fontconfig Developers Reference](#) [fontconfig]

**Table A-16 libfontconfig Function Interfaces**

FcAtomicCreate <a href="#">[fontconfig]</a>	FcFileScan <a href="#">[fontconfig]</a>	FcPatternAddCharSet <a href="#">[fontconfig]</a>
FcAtomicDeleteNew <a href="#">[fontconfig]</a>	FcFini <a href="#">[fontconfig]</a>	FcPatternAddDouble <a href="#">[fontconfig]</a>
FcAtomicDestroy <a href="#">[fontconfig]</a>	FcFontList <a href="#">[fontconfig]</a>	FcPatternAddFTFace <a href="#">[fontconfig]</a>
FcAtomicLock <a href="#">[fontconfig]</a>	FcFontMatch <a href="#">[fontconfig]</a>	FcPatternAddInteger <a href="#">[fontconfig]</a>
FcAtomicNewFile <a href="#">[fontconfig]</a>	FcFontRenderPrepare <a href="#">[fontconfig]</a>	FcPatternAddLangSet <a href="#">[fontconfig]</a>
FcAtomicOrigFile <a href="#">[fontconfig]</a>	FcFontSetAdd <a href="#">[fontconfig]</a>	FcPatternAddMatrix <a href="#">[fontconfig]</a>
FcAtomicReplaceOrig <a href="#">[fontconfig]</a>	FcFontSetCreate <a href="#">[fontconfig]</a>	FcPatternAddString <a href="#">[fontconfig]</a>

<a href="#">FcAtomicUnlock[fontconfig]</a>	<a href="#">FcFontSetDestroy[fontconfig]</a>	<a href="#">FcPatternAddWeak[fontconfig]</a>
<a href="#">FcBlanksAdd[fontconfig]</a>	<a href="#">FcFontSetList[fontconfig]</a>	<a href="#">FcPatternBuild[fontconfig]</a>
<a href="#">FcBlanksCreate[fontconfig]</a>	<a href="#">FcFontSetMatch[fontconfig]</a>	<a href="#">FcPatternCreate[fontconfig]</a>
<a href="#">FcBlanksDestroy[fontconfig]</a>	<a href="#">FcFontSetPrint[fontconfig]</a>	<a href="#">FcPatternDel[fontconfig]</a>
<a href="#">FcBlanksIsMember[fontconfig]</a>	<a href="#">FcFontSetSort[fontconfig]</a>	<a href="#">FcPatternDestroy[fontconfig]</a>
<a href="#">FcCharSetAddChar[fontconfig]</a>	<a href="#">FcFontSetSortDestroy[fontconfig]</a>	<a href="#">FcPatternDuplicate[fontconfig]</a>
<a href="#">FcCharSetCopy[fontconfig]</a>	<a href="#">FcFontSort[fontconfig]</a>	<a href="#">FcPatternEqual[fontconfig]</a>
<a href="#">FcCharSetCount[fontconfig]</a>	<a href="#">FcFreeTypeCharIndex[fontconfig]</a>	<a href="#">FcPatternEqualSubset[fontconfig]</a>
<a href="#">FcCharSetCreate[fontconfig]</a>	<a href="#">FcFreeTypeCharSet[fontconfig]</a>	<a href="#">FcPatternGet[fontconfig]</a>
<a href="#">FcCharSetDestroy[fontconfig]</a>	<a href="#">FcFreeTypeCharSetAndSpacing[fontconfig]</a>	<a href="#">FcPatternGetBool[fontconfig]</a>
<a href="#">FcCharSetEqual[fontconfig]</a>	<a href="#">FcFreeTypeQuery[fontconfig]</a>	<a href="#">FcPatternGetCharSet[fontconfig]</a>
<a href="#">FcCharSetFirstPage[fontconfig]</a>	<a href="#">FcGetVersion[fontconfig]</a>	<a href="#">FcPatternGetDouble[fontconfig]</a>
<a href="#">FcCharSetHasChar[fontconfig]</a>	<a href="#">FcInit[fontconfig]</a>	<a href="#">FcPatternGetFTFace[fontconfig]</a>
<a href="#">FcCharSetIntersect[fontconfig]</a>	<a href="#">FcInitBringUptoDate[fontconfig]</a>	<a href="#">FcPatternGetInteger[fontconfig]</a>
<a href="#">FcCharSetIntersectCount[fontconfig]</a>	<a href="#">FcInitLoadConfig[fontconfig]</a>	<a href="#">FcPatternGetLangSet[fontconfig]</a>
<a href="#">FcCharSetIsSubset[fontconfig]</a>	<a href="#">FcInitLoadConfigAndFonts[fontconfig]</a>	<a href="#">FcPatternGetMatrix[fontconfig]</a>
<a href="#">FcCharSetNextPage[fontconfig]</a>	<a href="#">FcInitReinitialize[fontconfig]</a>	<a href="#">FcPatternGetString[fontconfig]</a>
<a href="#">FcCharSetSubtract[fontconfig]</a>	<a href="#">FcLangSetAdd[fontconfig]</a>	<a href="#">FcPatternHash[fontconfig]</a>
<a href="#">FcCharSetSubtractCount[fontconfig]</a>	<a href="#">FcLangSetCompare[fontconfig]</a>	<a href="#">FcPatternPrint[fontconfig]</a>
<a href="#">FcCharSetUnion[fontconfig]</a>	<a href="#">FcLangSetContains[fontconfig]</a>	<a href="#">FcPatternReference[fontconfig]</a>
<a href="#">FcConfigAppFontAddDir[fontconfig]</a>	<a href="#">FcLangSetCopy[fontconfig]</a>	<a href="#">FcPatternVaBuild[fontconfig]</a>
<a href="#">FcConfigAppFontAddFile[fontconfig]</a>	<a href="#">FcLangSetCreate[fontconfig]</a>	<a href="#">FcStrBaseline[fontconfig]</a>
<a href="#">FcConfigAppFontClear[fontconfig]</a>	<a href="#">FcLangSetDestroy[fontconfig]</a>	<a href="#">FcStrCmp[fontconfig]</a>
<a href="#">FcConfigBuildFonts[fontconfig]</a>	<a href="#">FcLangSetEqual[fontconfig]</a>	<a href="#">FcStrCmpIgnoreCase[fontconfig]</a>
<a href="#">FcConfigDestroy[fontconfig]</a>	<a href="#">FcLangSetHasLang[fontconfig]</a>	<a href="#">FcStrCopy[fontconfig]</a>

<a href="#">FcConfigEnableHome[fontconfig]</a>	<a href="#">FcLangSetHash[fontconfig]</a>	<a href="#">FcStrCopyFilename[fontconfig]</a>
<a href="#">FcConfigFilename[fontconfig]</a>	<a href="#">FcMatrixCopy[fontconfig]</a>	<a href="#">FcStrDirname[fontconfig]</a>
<a href="#">FcConfigGetBlanks[fontconfig]</a>	<a href="#">FcMatrixEqual[fontconfig]</a>	<a href="#">FcStrListCreate[fontconfig]</a>
<a href="#">FcConfigGetCache[fontconfig]</a>	<a href="#">FcMatrixMultiply[fontconfig]</a>	<a href="#">FcStrListDone[fontconfig]</a>
<a href="#">FcConfigGetConfigDirs[fontconfig]</a>	<a href="#">FcMatrixRotate[fontconfig]</a>	<a href="#">FcStrListNext[fontconfig]</a>
<a href="#">FcConfigGetConfigFiles[fontconfig]</a>	<a href="#">FcMatrixScale[fontconfig]</a>	<a href="#">FcStrSetAdd[fontconfig]</a>
<a href="#">FcConfigGetCurrent[fontconfig]</a>	<a href="#">FcMatrixShear[fontconfig]</a>	<a href="#">FcStrSetAddFilename[fontconfig]</a>
<a href="#">FcConfigGetFontDirs[fontconfig]</a>	<a href="#">FcNameConstant[fontconfig]</a>	<a href="#">FcStrSetCreate[fontconfig]</a>
<a href="#">FcConfigGetFonts[fontconfig]</a>	<a href="#">FcNameGetConstant[fontconfig]</a>	<a href="#">FcStrSetDel[fontconfig]</a>
<a href="#">FcConfigGetRescanInterval[fontconfig]</a>	<a href="#">FcNameGetObjectTypes[fontconfig]</a>	<a href="#">FcStrSetDestroy[fontconfig]</a>
<a href="#">FcConfigGetRescanInterval[fontconfig]</a>	<a href="#">FcNameParse[fontconfig]</a>	<a href="#">FcStrSetEqual[fontconfig]</a>
<a href="#">FcConfigHome[fontconfig]</a>	<a href="#">FcNameRegisterConstants[fontconfig]</a>	<a href="#">FcStrSetMember[fontconfig]</a>
<a href="#">FcConfigParseAndLoad[fontconfig]</a>	<a href="#">FcNameRegisterObjectTypes[fontconfig]</a>	<a href="#">FcUcs4ToUtf8[fontconfig]</a>
<a href="#">FcConfigSetCurrent[fontconfig]</a>	<a href="#">FcNameUnparse[fontconfig]</a>	<a href="#">FcUtf16Len[fontconfig]</a>
<a href="#">FcConfigSetRescanInterval[fontconfig]</a>	<a href="#">FcNameUnregisterConstants[fontconfig]</a>	<a href="#">FcUtf16ToUcs4[fontconfig]</a>
<a href="#">FcConfigSetRescanInterval[fontconfig]</a>	<a href="#">FcNameUnregisterObjectTypes[fontconfig]</a>	<a href="#">FcUtf8Len[fontconfig]</a>
<a href="#">FcConfigSubstitute[fontconfig]</a>	<a href="#">FcObjectSetAdd[fontconfig]</a>	<a href="#">FcUtf8ToUcs4[fontconfig]</a>
<a href="#">FcConfigSubstituteWithPat[fontconfig]</a>	<a href="#">FcObjectSetBuild[fontconfig]</a>	<a href="#">FcValueDestroy[fontconfig]</a>
<a href="#">FcConfigUptoDate[fontconfig]</a>	<a href="#">FcObjectSetCreate[fontconfig]</a>	<a href="#">FcValueEqual[fontconfig]</a>
<a href="#">FcDefaultSubstitute[fontconfig]</a>	<a href="#">FcObjectSetDestroy[fontconfig]</a>	<a href="#">FcValuePrint[fontconfig]</a>
<a href="#">FcDirCacheValid[fontconfig]</a>	<a href="#">FcObjectSetVaBuild[fontconfig]</a>	<a href="#">FcValueSave[fontconfig]</a>
<a href="#">FcDirSave[fontconfig]</a>	<a href="#">FcPatternAdd[fontconfig]</a>	
<a href="#">FcDirScan[fontconfig]</a>	<a href="#">FcPatternAddBool[fontconfig]</a>	

## A.16 libfreetype

The behavior of the interfaces in this library is specified by the following Standards.

[FreeType 2.2 Reference](#) [freetype 2.2]

[This Specification](#) [LSB]

**Table A-17 libfreetype Function Interfaces**

FT_Activate_Size <a href="#">[freetype 2.2]</a>	FT_Get_Sfnt_Name_Count <a href="#">[freetype 2.2]</a>	FT_Outline_Render <a href="#">[freetype 2.2]</a>
FT_Add_Default_Module <a href="#">[freetype 2.2]</a>	FT_Get_Sfnt_Table <a href="#">[freetype 2.2]</a>	FT_Outline_Reverse <a href="#">[freetype 2.2]</a>
FT_Add_Module <a href="#">[freetype 2.2]</a>	FT_Get_X11_Font_Format <a href="#">[LSB]</a>	FT_Outline_Transform <a href="#">[freetype 2.2]</a>
FT_Angle_Diff <a href="#">[freetype 2.2]</a>	FT_Glyph_Copy <a href="#">[freetype 2.2]</a>	FT_Outline_Translate <a href="#">[freetype 2.2]</a>
FT_Atan2 <a href="#">[freetype 2.2]</a>	FT_Glyph_Get_CBox <a href="#">[freetype 2.2]</a>	FT_Remove_Module <a href="#">[freetype 2.2]</a>
FT_Attach_File <a href="#">[freetype 2.2]</a>	FT_Glyph_Stroke <a href="#">[freetype 2.2]</a>	FT_Render_Glyph <a href="#">[freetype 2.2]</a>
FT_Attach_Stream <a href="#">[freetype 2.2]</a>	FT_Glyph_StrokeBorder <a href="#">[freetype 2.2]</a>	FT_RoundFix <a href="#">[freetype 2.2]</a>
FT_Bitmap_Convert <a href="#">[freetype 2.2]</a>	FT_Glyph_To_Bitmap <a href="#">[freetype 2.2]</a>	FT_Select_Charmap <a href="#">[freetype 2.2]</a>
FT_Bitmap_Copy <a href="#">[freetype 2.2]</a>	FT_Glyph_Transform <a href="#">[freetype 2.2]</a>	FT_Set_Char_Size <a href="#">[freetype 2.2]</a>
FT_Bitmap_Done <a href="#">[freetype 2.2]</a>	FT_Has_PS_Glyph_Names <a href="#">[freetype 2.2]</a>	FT_Set_Charmap <a href="#">[freetype 2.2]</a>
FT_Bitmap_Embolden <a href="#">[freetype 2.2]</a>	FT_Init_FreeType <a href="#">[freetype 2.2]</a>	FT_Set_Debug_Hook <a href="#">[freetype 2.2]</a>
FT_Bitmap_New <a href="#">[freetype 2.2]</a>	FT_Library_Version <a href="#">[freetype 2.2]</a>	FT_Set_MM_Blend_Coordinates <a href="#">[freetype 2.2]</a>
FT_CeilFix <a href="#">[freetype 2.2]</a>	FT_List_Add <a href="#">[freetype 2.2]</a>	FT_Set_MM_Design_Coordinates <a href="#">[freetype 2.2]</a>
FT_Cos <a href="#">[freetype 2.2]</a>	FT_List_Finalize <a href="#">[freetype 2.2]</a>	FT_Set_Pixel_Sizes <a href="#">[freetype 2.2]</a>
FT_DivFix <a href="#">[freetype 2.2]</a>	FT_List_Find <a href="#">[freetype 2.2]</a>	FT_Set_Renderer <a href="#">[freetype 2.2]</a>
FT_Done_Face <a href="#">[freetype 2.2]</a>	FT_List_Insert <a href="#">[freetype 2.2]</a>	FT_Set_Transform <a href="#">[freetype 2.2]</a>
FT_Done_FreeType <a href="#">[freetype 2.2]</a>	FT_List_Iterate <a href="#">[freetype 2.2]</a>	FT_Set_Var_Blend_Coordinates <a href="#">[freetype 2.2]</a>
FT_Done_Glyph <a href="#">[freetype 2.2]</a>	FT_List_Remove <a href="#">[freetype 2.2]</a>	FT_Set_Var_Design_Coordinates <a href="#">[freetype 2.2]</a>
FT_Done_Library <a href="#">[freetype 2.2]</a>	FT_List_Up <a href="#">[freetype 2.2]</a>	FT_Sfnt_Table_Info <a href="#">[freetype 2.2]</a>
FT_Done_Size <a href="#">[freetype 2.2]</a>	FT_Load_Char <a href="#">[freetype 2.2]</a>	FT_Sin <a href="#">[freetype 2.2]</a>
FT_FloorFix <a href="#">[freetype 2.2]</a>	FT_Load_Glyph <a href="#">[freetype 2.2]</a>	FT_Stroker_BeginSubPath <a href="#">[freetype 2.2]</a>
FT_Get_BDF_Charset_ID <a href="#">[freetype 2.2]</a>	FT_Load_Sfnt_Table <a href="#">[freetype 2.2]</a>	FT_Stroker_ConicTo <a href="#">[freetype 2.2]</a>
FT_Get_BDF_Property <a href="#">[freetype 2.2]</a>	FT_Matrix_Invert <a href="#">[freetype 2.2]</a>	FT_Stroker_CubicTo <a href="#">[freetype 2.2]</a>
FT_Get_CMap_Language_ID <a href="#">[freetype 2.2]</a>	FT_Matrix_Multiply <a href="#">[freetype 2.2]</a>	FT_Stroker_Done <a href="#">[freetype 2.2]</a>
FT_Get_Char_Index <a href="#">[freetype 2.2]</a>	FT_MulDiv <a href="#">[freetype 2.2]</a>	FT_Stroker_EndSubPath

<a href="#">ype 2.2]</a>		<a href="#">freetype 2.2]</a>
FT_Get_Charmap_Index[ <a href="#">freetype 2.2]</a>	FT_MulFix[ <a href="#">freetype 2.2]</a>	FT_Stroker_Export[ <a href="#">freetype 2.2]</a>
FT_Get_First_Char[ <a href="#">freetype 2.2]</a>	FT_New_Face[ <a href="#">freetype 2.2]</a>	FT_Stroker_ExportBorder[ <a href="#">freetype 2.2]</a>
FT_Get_Glyph[ <a href="#">freetype 2.2]</a>	FT_New_Library[ <a href="#">freetype 2.2]</a>	FT_Stroker_GetBorderCounts[ <a href="#">freetype 2.2]</a>
FT_Get_Glyph_Name[ <a href="#">freetype 2.2]</a>	FT_New_Memory_Face[ <a href="#">freetype 2.2]</a>	FT_Stroker_GetCounts[ <a href="#">freetype 2.2]</a>
FT_Get_Kerning[ <a href="#">freetype 2.2]</a>	FT_New_Size[ <a href="#">freetype 2.2]</a>	FT_Stroker_LineTo[ <a href="#">freetype 2.2]</a>
FT_Get_MM_Var[ <a href="#">freetype 2.2]</a>	FT_OpenType_Validate[ <a href="#">freetype 2.2]</a>	FT_Stroker_New[ <a href="#">freetype 2.2]</a>
FT_Get_Module[ <a href="#">freetype 2.2]</a>	FT_Open_Face[ <a href="#">freetype 2.2]</a>	FT_Stroker_ParseOutline[ <a href="#">freetype 2.2]</a>
FT_Get_Multi_Master[ <a href="#">freetype 2.2]</a>	FT_Outline_Check[ <a href="#">freetype 2.2]</a>	FT_Stroker_Rewind[ <a href="#">freetype 2.2]</a>
FT_Get_Name_Index[ <a href="#">freetype 2.2]</a>	FT_Outline_Copy[ <a href="#">freetype 2.2]</a>	FT_Stroker_Set[ <a href="#">freetype 2.2]</a>
FT_Get_Next_Char[ <a href="#">freetype 2.2]</a>	FT_Outline_Decompose[ <a href="#">freetype 2.2]</a>	FT_Tan[ <a href="#">freetype 2.2]</a>
FT_Get_PFR_Advance[ <a href="#">freetype 2.2]</a>	FT_Outline_Done[ <a href="#">freetype 2.2]</a>	FT_Vector_From_Polar[ <a href="#">freetype 2.2]</a>
FT_Get_PFR_Kerning[ <a href="#">freetype 2.2]</a>	FT_Outline_GetInsideBorder[ <a href="#">freetype 2.2]</a>	FT_Vector_Length[ <a href="#">freetype 2.2]</a>
FT_Get_PFR_Metrics[ <a href="#">freetype 2.2]</a>	FT_Outline_GetOutsideBorder[ <a href="#">freetype 2.2]</a>	FT_Vector_Polarize[ <a href="#">freetype 2.2]</a>
FT_Get_PS_Font_Info[ <a href="#">freetype 2.2]</a>	FT_Outline_Get_BBox[ <a href="#">freetype 2.2]</a>	FT_Vector_Rotate[ <a href="#">freetype 2.2]</a>
FT_Get_PS_Font_Private[ <a href="#">freetype 2.2]</a>	FT_Outline_Get_Bitmap[ <a href="#">freetype 2.2]</a>	FT_Vector_Transform[ <a href="#">freetype 2.2]</a>
FT_Get_Postscript_Name[ <a href="#">freetype 2.2]</a>	FT_Outline_Get_CBox[ <a href="#">freetype 2.2]</a>	FT_Vector_Unit[ <a href="#">freetype 2.2]</a>
FT_Get_Renderer[ <a href="#">freetype 2.2]</a>	FT_Outline_Get_Orientation[ <a href="#">freetype 2.2]</a>	
FT_Get_Sfnt_Name[ <a href="#">freetype 2.2]</a>	FT_Outline_New[ <a href="#">freetype 2.2]</a>	

## A.17 libjpeg

The behavior of the interfaces in this library is specified by the following Standards.  
[This Specification](#) [LSB]

**Table A-18 libjpeg Function Interfaces**

jpeg_CreateCompress(LIBJPEG_6.2)[ <a href="#">LSB</a> ]	jpeg_finish_decompress(LIBJPEG_6.2)[ <a href="#">LSB</a> ]	jpeg_set_quality(LIBJPEG_6.2)[ <a href="#">LSB</a> ]
jpeg_CreateDecompress(LIBJPEG_6.2)[ <a href="#">LSB</a> ]	jpeg_finish_output(LIBJPEG_6.2)[ <a href="#">LSB</a> ]	jpeg_simple_progression(LIBJPEG_6.2)[ <a href="#">LSB</a> ]
jpeg_abort(LIBJPEG_6.2)[ <a href="#">LSB</a> ]	jpeg_has_multiple_scans(LIBJPEG_6.2)[ <a href="#">LSB</a> ]	jpeg_start_compress(LIBJPEG_6.2)[ <a href="#">LSB</a> ]
jpeg_abort_compress(LIB	jpeg_input_complete(LIB	jpeg_start_decompress(LI

JPEG_6.2)[LSB]	JPEG_6.2)[LSB]	BJPEG_6.2)[LSB]
jpeg_abort_decompress(LIBJPEG_6.2)[LSB]	jpeg_new_colormap(LIBJPEG_6.2)[LSB]	jpeg_start_output(LIBJPEG_6.2)[LSB]
jpeg_add_quant_table(LIBJPEG_6.2)[LSB]	jpeg_quality_scaling(LIBJPEG_6.2)[LSB]	jpeg_std_error(LIBJPEG_6.2)[LSB]
jpeg_alloc_huff_table(LIBJPEG_6.2)[LSB]	jpeg_read_coefficients(LIBJPEG_6.2)[LSB]	jpeg_stdio_dest(LIBJPEG_6.2)[LSB]
jpeg_alloc_quant_table(LIBJPEG_6.2)[LSB]	jpeg_read_header(LIBJPEG_6.2)[LSB]	jpeg_stdio_src(LIBJPEG_6.2)[LSB]
jpeg_calc_output_dimensions(LIBJPEG_6.2)[LSB]	jpeg_read_raw_data(LIBJPEG_6.2)[LSB]	jpeg_suppress_tables(LIBJPEG_6.2)[LSB]
jpeg_consume_input(LIBJPEG_6.2)[LSB]	jpeg_read_scanlines(LIBJPEG_6.2)[LSB]	jpeg_write_coefficients(LIBJPEG_6.2)[LSB]
jpeg_copy_critical_parameters(LIBJPEG_6.2)[LSB]	jpeg_resync_to_restart(LIBJPEG_6.2)[LSB]	jpeg_write_m_byte(LIBJPEG_6.2)[LSB]
jpeg_default_colorspace(LIBJPEG_6.2)[LSB]	jpeg_save_markers(LIBJPEG_6.2)[LSB]	jpeg_write_m_header(LIBJPEG_6.2)[LSB]
jpeg_destroy(LIBJPEG_6.2)[LSB]	jpeg_set_colorspace(LIBJPEG_6.2)[LSB]	jpeg_write_marker(LIBJPEG_6.2)[LSB]
jpeg_destroy_compress(LIBJPEG_6.2)[LSB]	jpeg_set_defaults(LIBJPEG_6.2)[LSB]	jpeg_write_raw_data(LIBJPEG_6.2)[LSB]
jpeg_destroy_decompress(LIBJPEG_6.2)[LSB]	jpeg_set_linear_quality(LIBJPEG_6.2)[LSB]	jpeg_write_scanlines(LIBJPEG_6.2)[LSB]
jpeg_finish_compress(LIBJPEG_6.2)[LSB]	jpeg_set_marker_process(LIBJPEG_6.2)[LSB]	jpeg_write_tables(LIBJPEG_6.2)[LSB]

## A.18 libpng12

The behavior of the interfaces in this library is specified by the following Standards.

[This Specification](#) [LSB]

**Table A-19 libpng12 Function Interfaces**

png_access_version_number(PNG12_0)[LSB]	png_get_user_chunk_ptr(PNG12_0)[LSB]	png_set_invert_mono(PNG12_0)[LSB]
png_check_sig(PNG12_0)[LSB]	png_get_valid(PNG12_0)[LSB]	png_set_keep_unknown_chunks(PNG12_0)[LSB]
png_convert_from_struct_tm(PNG12_0)[LSB]	png_get_x_offset_pixels(PNG12_0)[LSB]	png_set_mem_fn(PNG12_0)[LSB]
png_convert_from_time_t(PNG12_0)[LSB]	png_get_x_pixels_per_meter(PNG12_0)[LSB]	png_set_oFFs(PNG12_0)[LSB]
png_create_info_struct(PNG12_0)[LSB]	png_get_y_offset_pixels(PNG12_0)[LSB]	png_set_pHYs(PNG12_0)[LSB]
png_create_read_struct(PNG12_0)[LSB]	png_get_y_pixels_per_meter(PNG12_0)[LSB]	png_set_packing(PNG12_0)[LSB]
png_create_read_struct_2(PNG12_0)[LSB]	png_info_init_3(PNG12_0)[LSB]	png_set_packswap(PNG12_0)[LSB]
png_create_write_struct(PNG12_0)[LSB]	png_init_io(PNG12_0)[LSB]	png_set_palette_to_rgb(PNG12_0)[LSB]
png_create_write_struct_2(PNG12_0)[LSB]	png_malloc(PNG12_0)[LSB]	png_set_progressive_read_fn(PNG12_0)[LSB]

<a href="#">png_data_freer(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_permit_mng_features(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_read_fn(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_destroy_info_struct(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_process_data(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_read_user_chunk_fn(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_destroy_read_struct(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_progressive_combine_row(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_read_user_transform_fn(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_destroy_write_struct(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_read_end(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_rgb_to_gray(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_error(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_read_image(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_rows(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_free(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_read_info(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_sBIT(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_free_data(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_read_png(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_sRGB(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_IHDR(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_read_row(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_sRGB_gAMA_and_cHRM(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_PLTE(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_read_rows(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_shift(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_bKGD(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_read_update_info(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_sig_bytes(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_bit_depth(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_IHDR(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_strip_16(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_cHRM(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_PLTE(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_strip_alpha(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_channels(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_bKGD(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_swap(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_color_type(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_background(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_swap_alpha(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_error_ptr(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_bgr(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_tIME(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_gAMA(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_cHRM(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_tRNS(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_hIST(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_compression_buffer_size(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_tRNS_to_alpha(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_header_ver(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_compression_level(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_text(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_iCCP(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_compression_method_level(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_unknown_chunk_location(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_image_height(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_compression_method(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_unknown_chunks(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_image_width(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_compression_strategy(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_write_fn(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_interlace_type(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_compression_window_bits(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_write_status_fn(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_io_ptr(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_dither(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_write_user_transform_fn(PNG12_0)</a> <a href="#">[LSB]</a>
<a href="#">png_get_libpng_ver(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_set_error_fn(PNG12_0)</a> <a href="#">[LSB]</a>	<a href="#">png_sig_cmp(PNG12_0)</a> <a href="#">[LSB]</a>



<a href="#">12_0)[LSB]</a>	<a href="#">_0)[LSB]</a>	<a href="#">[LSB]</a>
<a href="#">png_get_oFFs(PNG12_0)[LSB]</a>	<a href="#">png_set_expand(PNG12_0)[LSB]</a>	<a href="#">png_start_read_image(PNG12_0)[LSB]</a>
<a href="#">png_get_pHYs(PNG12_0)[LSB]</a>	<a href="#">png_set_filler(PNG12_0)[LSB]</a>	<a href="#">png_warning(PNG12_0)[LSB]</a>
<a href="#">png_get_progressive_ptr(PNG12_0)[LSB]</a>	<a href="#">png_set_filter(PNG12_0)[LSB]</a>	<a href="#">png_write_chunk(PNG12_0)[LSB]</a>
<a href="#">png_get_rowbytes(PNG12_0)[LSB]</a>	<a href="#">png_set_gAMA(PNG12_0)[LSB]</a>	<a href="#">png_write_end(PNG12_0)[LSB]</a>
<a href="#">png_get_rows(PNG12_0)[LSB]</a>	<a href="#">png_set_gamma(PNG12_0)[LSB]</a>	<a href="#">png_write_flush(PNG12_0)[LSB]</a>
<a href="#">png_get_sBIT(PNG12_0)[LSB]</a>	<a href="#">png_set_gray_1_2_4_to_8(PNG12_0)[LSB]</a>	<a href="#">png_write_image(PNG12_0)[LSB]</a>
<a href="#">png_get_sRGB(PNG12_0)[LSB]</a>	<a href="#">png_set_gray_to_rgb(PNG12_0)[LSB]</a>	<a href="#">png_write_info(PNG12_0)[LSB]</a>
<a href="#">png_get_tIME(PNG12_0)[LSB]</a>	<a href="#">png_set_hIST(PNG12_0)[LSB]</a>	<a href="#">png_write_png(PNG12_0)[LSB]</a>
<a href="#">png_get_tRNS(PNG12_0)[LSB]</a>	<a href="#">png_set_iCCP(PNG12_0)[LSB]</a>	<a href="#">png_write_row(PNG12_0)[LSB]</a>
<a href="#">png_get_text(PNG12_0)[LSB]</a>	<a href="#">png_set_interlace_handling(PNG12_0)[LSB]</a>	<a href="#">png_write_rows(PNG12_0)[LSB]</a>
<a href="#">png_get_unknown_chunks(PNG12_0)[LSB]</a>	<a href="#">png_set_invert_alpha(PNG12_0)[LSB]</a>	

**Table A-20 libpng12 Data Interfaces**

<a href="#">png_libpng_ver[LSB]</a>		
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## A.19 libtiff

The behavior of the interfaces in this library is specified by the following Standards.

[Libtiff 4.0.2 Reference Manual](#) [Libtiff 4.0.2]

**Table A-21 libtiff Function Interfaces**

<a href="#">TIFFAccessTagMethods[Libtiff 4.0.2]</a>	<a href="#">TIFFGetWriteProc[Libtiff 4.0.2]</a>	<a href="#">TIFFSetSubDirectory[Libtiff 4.0.2]</a>
<a href="#">TIFFCIELabToRGBInit[Libtiff 4.0.2]</a>	<a href="#">TIFFIsBigEndian[Libtiff 4.0.2]</a>	<a href="#">TIFFSetTagExtender[Libtiff 4.0.2]</a>
<a href="#">TIFFCIELabToXYZ[Libtiff 4.0.2]</a>	<a href="#">TIFFIsByteSwapped[Libtiff 4.0.2]</a>	<a href="#">TIFFSetWarningHandler[Libtiff 4.0.2]</a>
<a href="#">TIFFCheckTile[Libtiff 4.0.2]</a>	<a href="#">TIFFIsCODECConfigure[Libtiff 4.0.2]</a>	<a href="#">TIFFSetWarningHandlerExt[Libtiff 4.0.2]</a>
<a href="#">TIFFCheckpointDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFIsMSB2LSB[Libtiff 4.0.2]</a>	<a href="#">TIFFSetWriteOffset[Libtiff 4.0.2]</a>
<a href="#">TIFFCleanup[Libtiff 4.0.2]</a>	<a href="#">TIFFIsTiled[Libtiff 4.0.2]</a>	<a href="#">TIFFSetupStrips[Libtiff 4.0.2]</a>
<a href="#">TIFFClientOpen[Libtiff 4.0.2]</a>	<a href="#">TIFFIsUpSampled[Libtiff 4.0.2]</a>	<a href="#">TIFFStripSize[Libtiff 4.0.2]</a>
<a href="#">TIFFClientdata[Libtiff 4.0.2]</a>	<a href="#">TIFFLastDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFStripSize64[Libtiff 4.0.2]</a>
<a href="#">TIFFClose[Libtiff 4.0.2]</a>	<a href="#">TIFFNumberOfDirectories[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabArrayOfDoubles[Libtiff 4.0.2]</a>



<a href="#">TIFFComputeStrip[Libtiff 4.0.2]</a>	<a href="#">TIFFNumberOfStrips[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabArrayOfFloat[Libtiff 4.0.2]</a>
<a href="#">TIFFComputeTile[Libtiff 4.0.2]</a>	<a href="#">TIFFNumberOfTiles[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabArrayOfLong[Libtiff 4.0.2]</a>
<a href="#">TIFFCreateCustomDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFOpen[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabArrayOfLong8[Libtiff 4.0.2]</a>
<a href="#">TIFFCreateDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFPrintDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabArrayOfShort[Libtiff 4.0.2]</a>
<a href="#">TIFFCreateEXIFDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFRGBAImageBegin[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabArrayOfTriples[Libtiff 4.0.2]</a>
<a href="#">TIFFCurrentDirOffset[Libtiff 4.0.2]</a>	<a href="#">TIFFRGBAImageEnd[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabDouble[Libtiff 4.0.2]</a>
<a href="#">TIFFCurrentDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFRGBAImageGet[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabFloat[Libtiff 4.0.2]</a>
<a href="#">TIFFCurrentRow[Libtiff 4.0.2]</a>	<a href="#">TIFFRGBAImageOK[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabLong[Libtiff 4.0.2]</a>
<a href="#">TIFFCurrentStrip[Libtiff 4.0.2]</a>	<a href="#">TIFFRasterScanlineSize[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabLong8[Libtiff 4.0.2]</a>
<a href="#">TIFFCurrentTile[Libtiff 4.0.2]</a>	<a href="#">TIFFRasterScanlineSize64[Libtiff 4.0.2]</a>	<a href="#">TIFFSwabShort[Libtiff 4.0.2]</a>
<a href="#">TIFFDataWidth[Libtiff 4.0.2]</a>	<a href="#">TIFFRawStripSize[Libtiff 4.0.2]</a>	<a href="#">TIFFTileRowSize[Libtiff 4.0.2]</a>
<a href="#">TIFFDefaultStripSize[Libtiff 4.0.2]</a>	<a href="#">TIFFRawStripSize64[Libtiff 4.0.2]</a>	<a href="#">TIFFTileRowSize64[Libtiff 4.0.2]</a>
<a href="#">TIFFDefaultTileSize[Libtiff 4.0.2]</a>	<a href="#">TIFFReadBufferSetup[Libtiff 4.0.2]</a>	<a href="#">TIFFTileSize[Libtiff 4.0.2]</a>
<a href="#">TIFFError[Libtiff 4.0.2]</a>	<a href="#">TIFFReadCustomDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFTileSize64[Libtiff 4.0.2]</a>
<a href="#">TIFFErrorExt[Libtiff 4.0.2]</a>	<a href="#">TIFFReadDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFUnregisterCODEC[Libtiff 4.0.2]</a>
<a href="#">TIFFFdOpen[Libtiff 4.0.2]</a>	<a href="#">TIFFReadEXIFDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFUnlinkDirectory[Libtiff 4.0.2]</a>
<a href="#">TIFFFieldWithName[Libtiff 4.0.2]</a>	<a href="#">TIFFReadEncodedStrip[Libtiff 4.0.2]</a>	<a href="#">TIFFUnsetField[Libtiff 4.0.2]</a>
<a href="#">TIFFFieldWithTag[Libtiff 4.0.2]</a>	<a href="#">TIFFReadEncodedTile[Libtiff 4.0.2]</a>	<a href="#">TIFFVGetField[Libtiff 4.0.2]</a>
<a href="#">TIFFFileName[Libtiff 4.0.2]</a>	<a href="#">TIFFReadRGBAImage[Libtiff 4.0.2]</a>	<a href="#">TIFFVGetFieldDefaulted[Libtiff 4.0.2]</a>
<a href="#">TIFFFileno[Libtiff 4.0.2]</a>	<a href="#">TIFFReadRGBAImageOriented[Libtiff 4.0.2]</a>	<a href="#">TIFFVSetField[Libtiff 4.0.2]</a>
<a href="#">TIFFFindCODEC[Libtiff 4.0.2]</a>	<a href="#">TIFFReadRGBAStrip[Libtiff 4.0.2]</a>	<a href="#">TIFFVStripSize[Libtiff 4.0.2]</a>
<a href="#">TIFFFindField[Libtiff 4.0.2]</a>	<a href="#">TIFFReadRGBATile[Libtiff 4.0.2]</a>	<a href="#">TIFFVStripSize64[Libtiff 4.0.2]</a>
<a href="#">TIFFFlush[Libtiff 4.0.2]</a>	<a href="#">TIFFReadRawStrip[Libtiff 4.0.2]</a>	<a href="#">TIFFVTileSize[Libtiff 4.0.2]</a>
<a href="#">TIFFFlushData[Libtiff 4.0.2]</a>	<a href="#">TIFFReadRawTile[Libtiff 4.0.2]</a>	<a href="#">TIFFVTileSize64[Libtiff 4.0.2]</a>
<a href="#">TIFFFreeDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFReadScanline[Libtiff 4.0.2]</a>	<a href="#">TIFFWarning[Libtiff 4.0.2]</a>

<a href="#">TIFFGetBitRevTable[Libtiff 4.0.2]</a>	<a href="#">TIFFReadTile[Libtiff 4.0.2]</a>	<a href="#">TIFFWarningExt[Libtiff 4.0.2]</a>
<a href="#">TIFFGetClientInfo[Libtiff 4.0.2]</a>	<a href="#">TIFFRegisterCODEC[Libtiff 4.0.2]</a>	<a href="#">TIFFWriteBufferSetup[Libtiff 4.0.2]</a>
<a href="#">TIFFGetCloseProc[Libtiff 4.0.2]</a>	<a href="#">TIFFReverseBits[Libtiff 4.0.2]</a>	<a href="#">TIFFWriteCheck[Libtiff 4.0.2]</a>
<a href="#">TIFFGetConfiguredCODECs[Libtiff 4.0.2]</a>	<a href="#">TIFFRewriteDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFWriteCustomDirectory[Libtiff 4.0.2]</a>
<a href="#">TIFFGetField[Libtiff 4.0.2]</a>	<a href="#">TIFFScanlineSize[Libtiff 4.0.2]</a>	<a href="#">TIFFWriteDirectory[Libtiff 4.0.2]</a>
<a href="#">TIFFGetFieldDefaulted[Libtiff 4.0.2]</a>	<a href="#">TIFFScanlineSize64[Libtiff 4.0.2]</a>	<a href="#">TIFFWriteEncodedStrip[Libtiff 4.0.2]</a>
<a href="#">TIFFGetMapFileProc[Libtiff 4.0.2]</a>	<a href="#">TIFFSetClientInfo[Libtiff 4.0.2]</a>	<a href="#">TIFFWriteEncodedTile[Libtiff 4.0.2]</a>
<a href="#">TIFFGetMode[Libtiff 4.0.2]</a>	<a href="#">TIFFSetClientdata[Libtiff 4.0.2]</a>	<a href="#">TIFFWriteRawStrip[Libtiff 4.0.2]</a>
<a href="#">TIFFGetReadProc[Libtiff 4.0.2]</a>	<a href="#">TIFFSetDirectory[Libtiff 4.0.2]</a>	<a href="#">TIFFWriteRawTile[Libtiff 4.0.2]</a>
<a href="#">TIFFGetSeekProc[Libtiff 4.0.2]</a>	<a href="#">TIFFSetErrorHandler[Libtiff 4.0.2]</a>	<a href="#">TIFFWriteScanline[Libtiff 4.0.2]</a>
<a href="#">TIFFGetSizeProc[Libtiff 4.0.2]</a>	<a href="#">TIFFSetErrorHandlerExt[Libtiff 4.0.2]</a>	<a href="#">TIFFWriteTile[Libtiff 4.0.2]</a>
<a href="#">TIFFGetTagListCount[Libtiff 4.0.2]</a>	<a href="#">TIFFSetField[Libtiff 4.0.2]</a>	<a href="#">TIFFXYZToRGB[Libtiff 4.0.2]</a>
<a href="#">TIFFGetTagListEntry[Libtiff 4.0.2]</a>	<a href="#">TIFFSetFileName[Libtiff 4.0.2]</a>	<a href="#">TIFFYCbCrToRGBInit[Libtiff 4.0.2]</a>
<a href="#">TIFFGetUnmapFileProc[Libtiff 4.0.2]</a>	<a href="#">TIFFSetFilenno[Libtiff 4.0.2]</a>	<a href="#">TIFFYCbCrToRGB[Libtiff 4.0.2]</a>
<a href="#">TIFFGetVersion[Libtiff 4.0.2]</a>	<a href="#">TIFFSetMode[Libtiff 4.0.2]</a>	

## A.20 libxcb

The behavior of the interfaces in this library is specified by the following Standards.

[Libxcb API](#) [Libxcb 1.7]

[This Specification](#) [LSB]

**Table A-22 libxcb Function Interfaces**

<a href="#">xcb_alloc_color[LSB]</a>	<a href="#">xcb_get_input_focus[LSB]</a>	<a href="#">xcb_query_best_size_unchecked[LSB]</a>
<a href="#">xcb_alloc_color_cells[LSB]</a>	<a href="#">xcb_get_input_focus_reply[LSB]</a>	<a href="#">xcb_query_colors[LSB]</a>
<a href="#">xcb_alloc_color_cells_masks[LSB]</a>	<a href="#">xcb_get_input_focus_unchecked[LSB]</a>	<a href="#">xcb_query_colors_colors[LSB]</a>
<a href="#">xcb_alloc_color_cells_masks_end[LSB]</a>	<a href="#">xcb_get_keyboard_control[LSB]</a>	<a href="#">xcb_query_colors_colors_iterator[LSB]</a>
<a href="#">xcb_alloc_color_cells_masks_length[LSB]</a>	<a href="#">xcb_get_keyboard_control_reply[LSB]</a>	<a href="#">xcb_query_colors_colors_length[LSB]</a>
<a href="#">xcb_alloc_color_cells_pixels[LSB]</a>	<a href="#">xcb_get_keyboard_control_unchecked[LSB]</a>	<a href="#">xcb_query_colors_reply[LSB]</a>
<a href="#">xcb_alloc_color_cells_pixels</a>	<a href="#">xcb_get_keyboard_mapping</a>	<a href="#">xcb_query_colors_unchecked</a>

<a href="#">els_end[LSB]</a>	<a href="#">ng[LSB]</a>	<a href="#">ked[LSB]</a>
<a href="#">xcb_alloc_color_cells_pixels_length[LSB]</a>	<a href="#">xcb_get_keyboard_mapping_keysyms[LSB]</a>	<a href="#">xcb_query_extension[LSB]</a>
<a href="#">xcb_alloc_color_cells_reply[LSB]</a>	<a href="#">xcb_get_keyboard_mapping_keysyms_end[LSB]</a>	<a href="#">xcb_query_extension_reply[LSB]</a>
<a href="#">xcb_alloc_color_cells_unchecked[LSB]</a>	<a href="#">xcb_get_keyboard_mapping_keysyms_length[LSB]</a>	<a href="#">xcb_query_extension_unchecked[LSB]</a>
<a href="#">xcb_alloc_color_planes[LSB]</a>	<a href="#">xcb_get_keyboard_mapping_reply[LSB]</a>	<a href="#">xcb_query_font[LSB]</a>
<a href="#">xcb_alloc_color_planes_pixels[LSB]</a>	<a href="#">xcb_get_keyboard_mapping_unchecked[LSB]</a>	<a href="#">xcb_query_font_char_infos[LSB]</a>
<a href="#">xcb_alloc_color_planes_pixels_end[LSB]</a>	<a href="#">xcb_get_maximum_request_length[Libxcb 1.7]</a>	<a href="#">xcb_query_font_char_info_iterator[LSB]</a>
<a href="#">xcb_alloc_color_planes_pixels_length[LSB]</a>	<a href="#">xcb_get_modifier_mapping[LSB]</a>	<a href="#">xcb_query_font_char_info_length[LSB]</a>
<a href="#">xcb_alloc_color_planes_reply[LSB]</a>	<a href="#">xcb_get_modifier_mapping_keycodes[LSB]</a>	<a href="#">xcb_query_font_properties[LSB]</a>
<a href="#">xcb_alloc_color_planes_unchecked[LSB]</a>	<a href="#">xcb_get_modifier_mapping_keycodes_end[LSB]</a>	<a href="#">xcb_query_font_properties_iterator[LSB]</a>
<a href="#">xcb_alloc_color_reply[LSB]</a>	<a href="#">xcb_get_modifier_mapping_keycodes_length[LSB]</a>	<a href="#">xcb_query_font_properties_length[LSB]</a>
<a href="#">xcb_alloc_color_unchecked[LSB]</a>	<a href="#">xcb_get_modifier_mapping_reply[LSB]</a>	<a href="#">xcb_query_font_reply[LSB]</a>
<a href="#">xcb_alloc_named_color[LSB]</a>	<a href="#">xcb_get_modifier_mapping_unchecked[LSB]</a>	<a href="#">xcb_query_font_unchecked[LSB]</a>
<a href="#">xcb_alloc_named_color_reply[LSB]</a>	<a href="#">xcb_get_motion_events[LSB]</a>	<a href="#">xcb_query_keymap[LSB]</a>
<a href="#">xcb_alloc_named_color_unchecked[LSB]</a>	<a href="#">xcb_get_motion_events_events[LSB]</a>	<a href="#">xcb_query_keymap_reply[LSB]</a>
<a href="#">xcb_allow_events[LSB]</a>	<a href="#">xcb_get_motion_events_events_iterator[LSB]</a>	<a href="#">xcb_query_keymap_unchecked[LSB]</a>
<a href="#">xcb_allow_events_checked[LSB]</a>	<a href="#">xcb_get_motion_events_events_length[LSB]</a>	<a href="#">xcb_query_pointer[LSB]</a>
<a href="#">xcb_arc_end[LSB]</a>	<a href="#">xcb_get_motion_events_reply[LSB]</a>	<a href="#">xcb_query_pointer_reply[LSB]</a>
<a href="#">xcb_arc_next[LSB]</a>	<a href="#">xcb_get_motion_events_unchecked[LSB]</a>	<a href="#">xcb_query_pointer_unchecked[LSB]</a>
<a href="#">xcb_atom_end[LSB]</a>	<a href="#">xcb_get_pointer_control[LSB]</a>	<a href="#">xcb_query_text_extents[LSB]</a>
<a href="#">xcb_atom_next[LSB]</a>	<a href="#">xcb_get_pointer_control_reply[LSB]</a>	<a href="#">xcb_query_text_extents_reply[LSB]</a>
<a href="#">xcb_bell[LSB]</a>	<a href="#">xcb_get_pointer_control_unchecked[LSB]</a>	<a href="#">xcb_query_text_extents_unchecked[LSB]</a>
<a href="#">xcb_bell_checked[LSB]</a>	<a href="#">xcb_get_pointer_mapping[LSB]</a>	<a href="#">xcb_query_tree[LSB]</a>
<a href="#">xcb_big_requests_enable[LSB]</a>	<a href="#">xcb_get_pointer_mapping_map[LSB]</a>	<a href="#">xcb_query_tree_children[LSB]</a>
<a href="#">xcb_big_requests_enable_reply[LSB]</a>	<a href="#">xcb_get_pointer_mapping_map_end[LSB]</a>	<a href="#">xcb_query_tree_children_end[LSB]</a>

<a href="#">xcb_big_requests_enable_unchecked[LSB]</a>	<a href="#">xcb_get_pointer_mapping_map_length[LSB]</a>	<a href="#">xcb_query_tree_children_length[LSB]</a>
<a href="#">xcb_button_end[LSB]</a>	<a href="#">xcb_get_pointer_mapping_reply[LSB]</a>	<a href="#">xcb_query_tree_reply[LSB]</a>
<a href="#">xcb_button_next[LSB]</a>	<a href="#">xcb_get_pointer_mapping_unchecked[LSB]</a>	<a href="#">xcb_query_tree_unchecked[LSB]</a>
<a href="#">xcb_change_active_pointer_grab[LSB]</a>	<a href="#">xcb_get_property[LSB]</a>	<a href="#">xcb_recolor_cursor[LSB]</a>
<a href="#">xcb_change_active_pointer_grab_checked[LSB]</a>	<a href="#">xcb_get_property_reply[LSB]</a>	<a href="#">xcb_recolor_cursor_checked[LSB]</a>
<a href="#">xcb_change_gc[LSB]</a>	<a href="#">xcb_get_property_unchecked[LSB]</a>	<a href="#">xcb_rectangle_end[LSB]</a>
<a href="#">xcb_change_gc_checked[LSB]</a>	<a href="#">xcb_get_property_value[LSB]</a>	<a href="#">xcb_rectangle_next[LSB]</a>
<a href="#">xcb_change_hosts[LSB]</a>	<a href="#">xcb_get_property_value_end[LSB]</a>	<a href="#">xcb_reparent_window[LSB]</a>
<a href="#">xcb_change_hosts_checked[LSB]</a>	<a href="#">xcb_get_property_value_length[LSB]</a>	<a href="#">xcb_reparent_window_checked[LSB]</a>
<a href="#">xcb_change_keyboard_control[LSB]</a>	<a href="#">xcb_get_screen_saver[LSB]</a>	<a href="#">xcb_request_check[Libxcb 1.7]</a>
<a href="#">xcb_change_keyboard_control_checked[LSB]</a>	<a href="#">xcb_get_screen_saver_reply[LSB]</a>	<a href="#">xcb_rgb_end[LSB]</a>
<a href="#">xcb_change_keyboard_mapping[LSB]</a>	<a href="#">xcb_get_screen_saver_unchecked[LSB]</a>	<a href="#">xcb_rgb_next[LSB]</a>
<a href="#">xcb_change_keyboard_mapping_checked[LSB]</a>	<a href="#">xcb_get_selection_owner[LSB]</a>	<a href="#">xcb_rotate_properties[LSB]</a>
<a href="#">xcb_change_pointer_control[LSB]</a>	<a href="#">xcb_get_selection_owner_reply[LSB]</a>	<a href="#">xcb_rotate_properties_checked[LSB]</a>
<a href="#">xcb_change_pointer_control_checked[LSB]</a>	<a href="#">xcb_get_selection_owner_unchecked[LSB]</a>	<a href="#">xcb_screen_allowed_depths_iterator[LSB]</a>
<a href="#">xcb_change_property[LSB]</a>	<a href="#">xcb_get_setup[Libxcb 1.7]</a>	<a href="#">xcb_screen_allowed_depths_length[LSB]</a>
<a href="#">xcb_change_property_checked[LSB]</a>	<a href="#">xcb_get_window_attributes[LSB]</a>	<a href="#">xcb_screen_end[LSB]</a>
<a href="#">xcb_change_save_set[LSB]</a>	<a href="#">xcb_get_window_attributes_reply[LSB]</a>	<a href="#">xcb_screen_next[LSB]</a>
<a href="#">xcb_change_save_set_checked[LSB]</a>	<a href="#">xcb_get_window_attributes_unchecked[LSB]</a>	<a href="#">xcb_segment_end[LSB]</a>
<a href="#">xcb_change_window_attributes[LSB]</a>	<a href="#">xcb_grab_button[LSB]</a>	<a href="#">xcb_segment_next[LSB]</a>
<a href="#">xcb_change_window_attributes_checked[LSB]</a>	<a href="#">xcb_grab_button_checked[LSB]</a>	<a href="#">xcb_send_event[LSB]</a>
<a href="#">xcb_char2b_end[LSB]</a>	<a href="#">xcb_grab_key[LSB]</a>	<a href="#">xcb_send_event_checked[LSB]</a>
<a href="#">xcb_char2b_next[LSB]</a>	<a href="#">xcb_grab_key_checked[LSB]</a>	<a href="#">xcb_send_request[Libxcb 1.7]</a>
<a href="#">xcb_charinfo_end[LSB]</a>	<a href="#">xcb_grab_keyboard[LSB]</a>	<a href="#">xcb_set_access_control[LSB]</a>
<a href="#">xcb_charinfo_next[LSB]</a>	<a href="#">xcb_grab_keyboard_reply[LSB]</a>	<a href="#">xcb_set_access_control_checked[LSB]</a>

<a href="#">xcb_circulate_window[LSB]</a>	<a href="#">xcb_grab_keyboard_unchecked[LSB]</a>	<a href="#">xcb_set_clip_rectangles[LSB]</a>
<a href="#">xcb_circulate_window_checked[LSB]</a>	<a href="#">xcb_grab_pointer[LSB]</a>	<a href="#">xcb_set_clip_rectangles_checked[LSB]</a>
<a href="#">xcb_clear_area[LSB]</a>	<a href="#">xcb_grab_pointer_reply[LSB]</a>	<a href="#">xcb_set_close_down_mode[LSB]</a>
<a href="#">xcb_clear_area_checked[LSB]</a>	<a href="#">xcb_grab_pointer_unchecked[LSB]</a>	<a href="#">xcb_set_close_down_mode_checked[LSB]</a>
<a href="#">xcb_client_message_data_end[LSB]</a>	<a href="#">xcb_grab_server[LSB]</a>	<a href="#">xcb_set_dashes[LSB]</a>
<a href="#">xcb_client_message_data_next[LSB]</a>	<a href="#">xcb_grab_server_checked[LSB]</a>	<a href="#">xcb_set_dashes_checked[LSB]</a>
<a href="#">xcb_close_font[LSB]</a>	<a href="#">xcb_host_address[LSB]</a>	<a href="#">xcb_set_font_path[LSB]</a>
<a href="#">xcb_close_font_checked[LSB]</a>	<a href="#">xcb_host_address_end[LSB]</a>	<a href="#">xcb_set_font_path_checked[LSB]</a>
<a href="#">xcb_coloritem_end[LSB]</a>	<a href="#">xcb_host_address_length[LSB]</a>	<a href="#">xcb_set_input_focus[LSB]</a>
<a href="#">xcb_coloritem_next[LSB]</a>	<a href="#">xcb_host_end[LSB]</a>	<a href="#">xcb_set_input_focus_checked[LSB]</a>
<a href="#">xcb_colormap_end[LSB]</a>	<a href="#">xcb_host_next[LSB]</a>	<a href="#">xcb_set_modifier_mapping[LSB]</a>
<a href="#">xcb_colormap_next[LSB]</a>	<a href="#">xcb_image_text_16[LSB]</a>	<a href="#">xcb_set_modifier_mapping_reply[LSB]</a>
<a href="#">xcb_configure_window[LSB]</a>	<a href="#">xcb_image_text_16_checked[LSB]</a>	<a href="#">xcb_set_modifier_mapping_unchecked[LSB]</a>
<a href="#">xcb_configure_window_checked[LSB]</a>	<a href="#">xcb_image_text_8[LSB]</a>	<a href="#">xcb_set_pointer_mapping[LSB]</a>
<a href="#">xcb_connect[Libxcb 1.7]</a>	<a href="#">xcb_image_text_8_checked[LSB]</a>	<a href="#">xcb_set_pointer_mapping_reply[LSB]</a>
<a href="#">xcb_connect_to_display_with_auth_info[Libxcb 1.7]</a>	<a href="#">xcb_install_colormap[LSB]</a>	<a href="#">xcb_set_pointer_mapping_unchecked[LSB]</a>
<a href="#">xcb_connect_to_fd[Libxcb 1.7]</a>	<a href="#">xcb_install_colormap_checked[LSB]</a>	<a href="#">xcb_set_screen_saver[LSB]</a>
<a href="#">xcb_connection_has_error[Libxcb 1.7]</a>	<a href="#">xcb_intern_atom[LSB]</a>	<a href="#">xcb_set_screen_saver_checked[LSB]</a>
<a href="#">xcb_convert_selection[LSB]</a>	<a href="#">xcb_intern_atom_reply[LSB]</a>	<a href="#">xcb_set_selection_owner[LSB]</a>
<a href="#">xcb_convert_selection_checked[LSB]</a>	<a href="#">xcb_intern_atom_unchecked[LSB]</a>	<a href="#">xcb_set_selection_owner_checked[LSB]</a>
<a href="#">xcb_copy_area[LSB]</a>	<a href="#">xcb_keycode_end[LSB]</a>	<a href="#">xcb_setup_authenticate_end[LSB]</a>
<a href="#">xcb_copy_area_checked[LSB]</a>	<a href="#">xcb_keycode_next[LSB]</a>	<a href="#">xcb_setup_authenticate_next[LSB]</a>
<a href="#">xcb_copy_colormap_and_free[LSB]</a>	<a href="#">xcb_keysym_end[LSB]</a>	<a href="#">xcb_setup_authenticate_reason[LSB]</a>
<a href="#">xcb_copy_colormap_and_free_checked[LSB]</a>	<a href="#">xcb_keysym_next[LSB]</a>	<a href="#">xcb_setup_authenticate_reason_end[LSB]</a>
<a href="#">xcb_copy_gc[LSB]</a>	<a href="#">xcb_kill_client[LSB]</a>	<a href="#">xcb_setup_authenticate_reason_length[LSB]</a>

<a href="#">xcb_copy_gc_checked[LSB]</a>	<a href="#">xcb_kill_client_checked[LSB]</a>	<a href="#">xcb_setup_end[LSB]</a>
<a href="#">xcb_copy_plane[LSB]</a>	<a href="#">xcb_list_extensions[LSB]</a>	<a href="#">xcb_setup_failed_end[LSB]</a>
<a href="#">xcb_copy_plane_checked[LSB]</a>	<a href="#">xcb_list_extensions_names_iterator[LSB]</a>	<a href="#">xcb_setup_failed_next[LSB]</a>
<a href="#">xcb_create_colormap[LSB]</a>	<a href="#">xcb_list_extensions_names_length[LSB]</a>	<a href="#">xcb_setup_failed_reason[LSB]</a>
<a href="#">xcb_create_colormap_checked[LSB]</a>	<a href="#">xcb_list_extensions_reply[LSB]</a>	<a href="#">xcb_setup_failed_reason_end[LSB]</a>
<a href="#">xcb_create_cursor[LSB]</a>	<a href="#">xcb_list_extensions_unchecked[LSB]</a>	<a href="#">xcb_setup_failed_reason_length[LSB]</a>
<a href="#">xcb_create_cursor_checked[LSB]</a>	<a href="#">xcb_list_fonts[LSB]</a>	<a href="#">xcb_setup_next[LSB]</a>
<a href="#">xcb_create_gc[LSB]</a>	<a href="#">xcb_list_fonts_names_iterator[LSB]</a>	<a href="#">xcb_setup_pixmap_formats[LSB]</a>
<a href="#">xcb_create_gc_checked[LSB]</a>	<a href="#">xcb_list_fonts_names_length[LSB]</a>	<a href="#">xcb_setup_pixmap_formats_iterator[LSB]</a>
<a href="#">xcb_create_glyph_cursor[LSB]</a>	<a href="#">xcb_list_fonts_reply[LSB]</a>	<a href="#">xcb_setup_pixmap_formats_length[LSB]</a>
<a href="#">xcb_create_glyph_cursor_checked[LSB]</a>	<a href="#">xcb_list_fonts_unchecked[LSB]</a>	<a href="#">xcb_setup_request_authorization_protocol_data[LSB]</a>
<a href="#">xcb_create_pixmap[LSB]</a>	<a href="#">xcb_list_fonts_with_info[LSB]</a>	<a href="#">xcb_setup_request_authorization_protocol_data_end[LSB]</a>
<a href="#">xcb_create_pixmap_checked[LSB]</a>	<a href="#">xcb_list_fonts_with_info_name[LSB]</a>	<a href="#">xcb_setup_request_authorization_protocol_data_length[LSB]</a>
<a href="#">xcb_create_window[LSB]</a>	<a href="#">xcb_list_fonts_with_info_name_end[LSB]</a>	<a href="#">xcb_setup_request_authorization_protocol_name[LSB]</a>
<a href="#">xcb_create_window_checked[LSB]</a>	<a href="#">xcb_list_fonts_with_info_name_length[LSB]</a>	<a href="#">xcb_setup_request_authorization_protocol_name_end[LSB]</a>
<a href="#">xcb_cursor_end[LSB]</a>	<a href="#">xcb_list_fonts_with_info_properties[LSB]</a>	<a href="#">xcb_setup_request_authorization_protocol_name_length[LSB]</a>
<a href="#">xcb_cursor_next[LSB]</a>	<a href="#">xcb_list_fonts_with_info_properties_iterator[LSB]</a>	<a href="#">xcb_setup_request_end[LSB]</a>
<a href="#">xcb_delete_property[LSB]</a>	<a href="#">xcb_list_fonts_with_info_properties_length[LSB]</a>	<a href="#">xcb_setup_request_next[LSB]</a>
<a href="#">xcb_delete_property_checked[LSB]</a>	<a href="#">xcb_list_fonts_with_info_reply[LSB]</a>	<a href="#">xcb_setup_roots_iterator[LSB]</a>
<a href="#">xcb_depth_end[LSB]</a>	<a href="#">xcb_list_fonts_with_info_unchecked[LSB]</a>	<a href="#">xcb_setup_roots_length[LSB]</a>
<a href="#">xcb_depth_next[LSB]</a>	<a href="#">xcb_list_hosts[LSB]</a>	<a href="#">xcb_setup_vendor[LSB]</a>
<a href="#">xcb_depth_visuals[LSB]</a>	<a href="#">xcb_list_hosts_hosts_iterator[LSB]</a>	<a href="#">xcb_setup_vendor_end[LSB]</a>
<a href="#">xcb_depth_visuals_iterator</a>	<a href="#">xcb_list_hosts_hosts_length</a>	<a href="#">xcb_setup_vendor_length</a>

<a href="#">r[LSB]</a>	<a href="#">th[LSB]</a>	<a href="#">[LSB]</a>
<a href="#">xcb_depth_visuals_length[LSB]</a>	<a href="#">xcb_list_hosts_reply[LSB]</a>	<a href="#">xcb_store_colors[LSB]</a>
<a href="#">xcb_destroy_subwindows[LSB]</a>	<a href="#">xcb_list_hosts_unchecked[LSB]</a>	<a href="#">xcb_store_colors_checked[LSB]</a>
<a href="#">xcb_destroy_subwindows_checked[LSB]</a>	<a href="#">xcb_list_installed_colormaps[LSB]</a>	<a href="#">xcb_store_named_color[LSB]</a>
<a href="#">xcb_destroy_window[LSB]</a>	<a href="#">xcb_list_installed_colormaps_cmaps[LSB]</a>	<a href="#">xcb_store_named_color_checked[LSB]</a>
<a href="#">xcb_destroy_window_checked[LSB]</a>	<a href="#">xcb_list_installed_colormaps_cmaps_end[LSB]</a>	<a href="#">xcb_str_end[LSB]</a>
<a href="#">xcb_discard_reply[LSB]</a>	<a href="#">xcb_list_installed_colormaps_cmaps_length[LSB]</a>	<a href="#">xcb_str_name[LSB]</a>
<a href="#">xcb_disconnect[Libxcb 1.7]</a>	<a href="#">xcb_list_installed_colormaps_reply[LSB]</a>	<a href="#">xcb_str_name_end[LSB]</a>
<a href="#">xcb_drawable_end[LSB]</a>	<a href="#">xcb_list_installed_colormaps_unchecked[LSB]</a>	<a href="#">xcb_str_name_length[LSB]</a>
<a href="#">xcb_drawable_next[LSB]</a>	<a href="#">xcb_list_properties[LSB]</a>	<a href="#">xcb_str_next[LSB]</a>
<a href="#">xcb_fill_poly[LSB]</a>	<a href="#">xcb_list_properties_atoms[LSB]</a>	<a href="#">xcb_take_socket[LSB]</a>
<a href="#">xcb_fill_poly_checked[LSB]</a>	<a href="#">xcb_list_properties_atoms_end[LSB]</a>	<a href="#">xcb_timecoord_end[LSB]</a>
<a href="#">xcb_flush[Libxcb 1.7]</a>	<a href="#">xcb_list_properties_atoms_length[LSB]</a>	<a href="#">xcb_timecoord_next[LSB]</a>
<a href="#">xcb_font_end[LSB]</a>	<a href="#">xcb_list_properties_reply[LSB]</a>	<a href="#">xcb_timestamp_end[LSB]</a>
<a href="#">xcb_font_next[LSB]</a>	<a href="#">xcb_list_properties_unchecked[LSB]</a>	<a href="#">xcb_timestamp_next[LSB]</a>
<a href="#">xcb_fontable_end[LSB]</a>	<a href="#">xcb_lookup_color[LSB]</a>	<a href="#">xcb_translate_coordinates[LSB]</a>
<a href="#">xcb_fontable_next[LSB]</a>	<a href="#">xcb_lookup_color_reply[LSB]</a>	<a href="#">xcb_translate_coordinates_reply[LSB]</a>
<a href="#">xcb_fontprop_end[LSB]</a>	<a href="#">xcb_lookup_color_unchecked[LSB]</a>	<a href="#">xcb_translate_coordinates_unchecked[LSB]</a>
<a href="#">xcb_fontprop_next[LSB]</a>	<a href="#">xcb_map_subwindows[LSB]</a>	<a href="#">xcb_ungrab_button[LSB]</a>
<a href="#">xcb_force_screen_saver[LSB]</a>	<a href="#">xcb_map_subwindows_checked[LSB]</a>	<a href="#">xcb_ungrab_button_checked[LSB]</a>
<a href="#">xcb_force_screen_saver_checked[LSB]</a>	<a href="#">xcb_map_window[LSB]</a>	<a href="#">xcb_ungrab_key[LSB]</a>
<a href="#">xcb_format_end[LSB]</a>	<a href="#">xcb_map_window_checked[LSB]</a>	<a href="#">xcb_ungrab_key_checked[LSB]</a>
<a href="#">xcb_format_next[LSB]</a>	<a href="#">xcb_no_operation[LSB]</a>	<a href="#">xcb_ungrab_keyboard[LSB]</a>
<a href="#">xcb_free_colormap[LSB]</a>	<a href="#">xcb_no_operation_checked[LSB]</a>	<a href="#">xcb_ungrab_keyboard_checked[LSB]</a>
<a href="#">xcb_free_colormap_checked[LSB]</a>	<a href="#">xcb_open_font[LSB]</a>	<a href="#">xcb_ungrab_pointer[LSB]</a>
<a href="#">xcb_free_colors[LSB]</a>	<a href="#">xcb_open_font_checked[LSB]</a>	<a href="#">xcb_ungrab_pointer_checked[LSB]</a>

	<a href="#">LSB]</a>	<a href="#">ked[LSB]</a>
<a href="#">xcb_free_colors_checked[LSB]</a>	<a href="#">xcb_parse_display[Libxcb 1.7]</a>	<a href="#">xcb_ungrab_server[LSB]</a>
<a href="#">xcb_free_cursor[LSB]</a>	<a href="#">xcb_pixmap_end[LSB]</a>	<a href="#">xcb_ungrab_server_checked[LSB]</a>
<a href="#">xcb_free_cursor_checked[LSB]</a>	<a href="#">xcb_pixmap_next[LSB]</a>	<a href="#">xcb_uninstall_colormap[LSB]</a>
<a href="#">xcb_free_gc[LSB]</a>	<a href="#">xcb_point_end[LSB]</a>	<a href="#">xcb_uninstall_colormap_checked[LSB]</a>
<a href="#">xcb_free_gc_checked[LSB]</a>	<a href="#">xcb_point_next[LSB]</a>	<a href="#">xcb_unmap_subwindows[LSB]</a>
<a href="#">xcb_free_pixmap[LSB]</a>	<a href="#">xcb_poll_for_event[Libxcb 1.7]</a>	<a href="#">xcb_unmap_subwindows_checked[LSB]</a>
<a href="#">xcb_free_pixmap_checked[LSB]</a>	<a href="#">xcb_poll_for_reply[Libxcb 1.7]</a>	<a href="#">xcb_unmap_window[LSB]</a>
<a href="#">xcb_gcontext_end[LSB]</a>	<a href="#">xcb_poly_arc[LSB]</a>	<a href="#">xcb_unmap_window_checked[LSB]</a>
<a href="#">xcb_gcontext_next[LSB]</a>	<a href="#">xcb_poly_arc_checked[LSB]</a>	<a href="#">xcb_visualid_end[LSB]</a>
<a href="#">xcb_generate_id[Libxcb 1.7]</a>	<a href="#">xcb_poly_fill_arc[LSB]</a>	<a href="#">xcb_visualid_next[LSB]</a>
<a href="#">xcb_get_atom_name[LSB]</a>	<a href="#">xcb_poly_fill_arc_checked[LSB]</a>	<a href="#">xcb_visualtype_end[LSB]</a>
<a href="#">xcb_get_atom_name_name[LSB]</a>	<a href="#">xcb_poly_fill_rectangle[LSB]</a>	<a href="#">xcb_visualtype_next[LSB]</a>
<a href="#">xcb_get_atom_name_name_end[LSB]</a>	<a href="#">xcb_poly_fill_rectangle_checked[LSB]</a>	<a href="#">xcb_wait_for_event[Libxcb 1.7]</a>
<a href="#">xcb_get_atom_name_name_length[LSB]</a>	<a href="#">xcb_poly_line[LSB]</a>	<a href="#">xcb_wait_for_reply[Libxcb 1.7]</a>
<a href="#">xcb_get_atom_name_reply[LSB]</a>	<a href="#">xcb_poly_line_checked[LSB]</a>	<a href="#">xcb_warp_pointer[LSB]</a>
<a href="#">xcb_get_atom_name_unchecked[LSB]</a>	<a href="#">xcb_poly_point[LSB]</a>	<a href="#">xcb_warp_pointer_checked[LSB]</a>
<a href="#">xcb_get_extension_data[Libxcb 1.7]</a>	<a href="#">xcb_poly_point_checked[LSB]</a>	<a href="#">xcb_window_end[LSB]</a>
<a href="#">xcb_get_file_descriptor[Libxcb 1.7]</a>	<a href="#">xcb_poly_rectangle[LSB]</a>	<a href="#">xcb_window_next[LSB]</a>
<a href="#">xcb_get_font_path[LSB]</a>	<a href="#">xcb_poly_rectangle_checked[LSB]</a>	<a href="#">xcb_writew[LSB]</a>
<a href="#">xcb_get_font_path_path_iterator[LSB]</a>	<a href="#">xcb_poly_segment[LSB]</a>	<a href="#">xcb_xc_misc_get_version[LSB]</a>
<a href="#">xcb_get_font_path_path_length[LSB]</a>	<a href="#">xcb_poly_segment_checked[LSB]</a>	<a href="#">xcb_xc_misc_get_version_reply[LSB]</a>
<a href="#">xcb_get_font_path_reply[LSB]</a>	<a href="#">xcb_poly_text_16[LSB]</a>	<a href="#">xcb_xc_misc_get_version_unchecked[LSB]</a>
<a href="#">xcb_get_font_path_unchecked[LSB]</a>	<a href="#">xcb_poly_text_16_checked[LSB]</a>	<a href="#">xcb_xc_misc_get_xid_list[LSB]</a>
<a href="#">xcb_get_geometry[LSB]</a>	<a href="#">xcb_poly_text_8[LSB]</a>	<a href="#">xcb_xc_misc_get_xid_list_ids[LSB]</a>



<a href="#">xcb_get_geometry_reply[LSB]</a>	<a href="#">xcb_poly_text_8_checked[LSB]</a>	<a href="#">xcb_xc_misc_get_xid_list_ids_end[LSB]</a>
<a href="#">xcb_get_geometry_unchecked[LSB]</a>	<a href="#">xcb_popcount[Libxcb 1.7]</a>	<a href="#">xcb_xc_misc_get_xid_list_ids_length[LSB]</a>
<a href="#">xcb_get_image[LSB]</a>	<a href="#">xcb_prefetch_extension_data[Libxcb 1.7]</a>	<a href="#">xcb_xc_misc_get_xid_list_reply[LSB]</a>
<a href="#">xcb_get_image_data[LSB]</a>	<a href="#">xcb_prefetch_maximum_request_length[LSB]</a>	<a href="#">xcb_xc_misc_get_xid_list_unchecked[LSB]</a>
<a href="#">xcb_get_image_data_end[LSB]</a>	<a href="#">xcb_put_image[LSB]</a>	<a href="#">xcb_xc_misc_get_xid_range[LSB]</a>
<a href="#">xcb_get_image_data_length[LSB]</a>	<a href="#">xcb_put_image_checked[LSB]</a>	<a href="#">xcb_xc_misc_get_xid_range_reply[LSB]</a>
<a href="#">xcb_get_image_reply[LSB]</a>	<a href="#">xcb_query_best_size[LSB]</a>	<a href="#">xcb_xc_misc_get_xid_range_unchecked[LSB]</a>
<a href="#">xcb_get_image_unchecked[LSB]</a>	<a href="#">xcb_query_best_size_reply[LSB]</a>	

**Table A-23 libxcb Data Interfaces**

<a href="#">xcb_big_requests_id[LSB]</a>	<a href="#">xcb_xc_misc_id[LSB]</a>	
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## A.21 libQtCore

The behavior of the interfaces in this library is specified by the following Standards.

[Itanium™ C++ ABI \[CXXABI-1.86\]](#)

[This Specification \[LSB\]](#)

[QtCore 4.2.0 \[QtCore\]](#)

**Table A-24 libQtCore Function Interfaces**

<a href="#">_Z10qvsprintfPcmPKcP13__va_list_tag[QtCore]</a>	<a href="#">_Z8qReallocPvm[LSB]</a>	<a href="#">_ZThn16_N16QTextCodecPluginD1Ev[CXXABI-1.86]</a>
<a href="#">_Z7qMallocm[LSB]</a>	<a href="#">_Z9qsnprintfPcmPKcz[QtCore]</a>	<a href="#">_ZThn16_NK16QTextCodecPlugin4keysEv[CXXABI-1.86]</a>
<a href="#">_Z7qMemSetPvim[LSB]</a>	<a href="#">_ZThn16_N16QTextCodecPlugin6createERK7QString[CXXABI-1.86]</a>	
<a href="#">_Z8qMemCopyPvPKvm[LSB]</a>	<a href="#">_ZThn16_N16QTextCodecPluginD0Ev[CXXABI-1.86]</a>	

## A.22 libQtGui

The behavior of the interfaces in this library is specified by the following Standards.

[Itanium™ C++ ABI \[CXXABI-1.86\]](#)

**Table A-25 libQtGui Function Interfaces**

<a href="#">_ZThn16_N10QBoxLayout10invalidateEv[CXXABI-1.86]</a>	<a href="#">_ZThn16_N14QStackedLayout11setGeometryERK5QRect[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QSliderD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QBoxLayout11setGeometryERK5QRect[CXXABI-1.86]</a>	<a href="#">_ZThn16_N14QStackedLayoutD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QTabBarD0Ev[CXXABI-1.86]</a>

<a href="#">_ZThn16_N10QBoxLayoutD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N14QStackedLayoutD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QTabBarD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QBoxLayoutD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N14QStackedWidgetD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QWidgetD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QLCDNumberD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N14QStackedWidgetD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QWidgetD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QLCDNumberD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QAbstractButtonD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N8QMenuBarD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QScrollBarD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QAbstractButtonD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N8QMenuBarD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QScrollBarD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QAbstractSliderD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N8QToolBarD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QStatusBarD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QAbstractSliderD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N8QToolBarD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QStatusBarD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QProgressDialogD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N8QToolBoxD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QTabWidgetD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QProgressDialogD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N8QToolBoxD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QTabWidgetD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QX11EmbeddedWidgetD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QComboBoxD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QTableViewD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N15QX11EmbeddedWidgetD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QComboBoxD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QTableViewD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N16QAbstractSpinBoxD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QGroupBoxD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QWorkspaceD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N16QAbstractSpinBoxD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QGroupBoxD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N10QWorkspaceD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QAbstractItemViewD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QLineEditD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QDockWidgetD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QAbstractItemViewD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QLineEditD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QDockWidgetD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QAccessiblePluginD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QListViewD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QFileDialogD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QAccessiblePluginD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QListViewD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QFileDialog</a>	<a href="#">_ZThn16_N17QGraphics</a>	<a href="#">_ZThn16_N9QSizeGripD</a>

gD1Ev <a href="#">[CXXABI-1.86]</a>	TextItem10sceneEventEP6QEvent <a href="#">[CXXABI-1.86]</a>	0Ev <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QFocusFrameD0Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem12focusInEventEP11QFocusEvent <a href="#">[CXXABI-1.86]</a>	_ZThn16_N9QSizeGripD1Ev <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QFocusFrameD1Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem12setExtensionEN13QGraphicsItem9ExtensionERK8QVariant <a href="#">[CXXABI-1.86]</a>	_ZThn16_N9QSplitterD0Ev <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QFontDialogD0Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem13dragMoveEventEP27QGraphicsSceneDragDropEvent <a href="#">[CXXABI-1.86]</a>	_ZThn16_N9QSplitterD1Ev <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QFontDialogD1Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem13focusOutEventEP11QFocusEvent <a href="#">[CXXABI-1.86]</a>	_ZThn16_N9QTextEditD0Ev <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QGridLayout10invalidateEv <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem13keyPressEventEP9QKeyEvent <a href="#">[CXXABI-1.86]</a>	_ZThn16_N9QTextEditD1Ev <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QGridLayout11setGeometryERK5QRect <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem14dragEnterEventEP27QGraphicsSceneDragDropEvent <a href="#">[CXXABI-1.86]</a>	_ZThn16_N9QTreeViewD0Ev <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QGridLayoutD0Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem14dragLeaveEventEP27QGraphicsSceneDragDropEvent <a href="#">[CXXABI-1.86]</a>	_ZThn16_N9QTreeViewD1Ev <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QGridLayoutD1Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem14hoverMoveEventEP24QGraphicsSceneHoverEvent <a href="#">[CXXABI-1.86]</a>	_ZThn16_NK10QBoxLayout11maximumSizeEv <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QHBoxLayoutD0Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem14mouseMoveEventEP24QGraphicsSceneMouseEvent <a href="#">[CXXABI-1.86]</a>	_ZThn16_NK10QBoxLayout11minimumSizeEv <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QHBoxLayoutD1Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem15hoverEnterEventEP24QGraphicsSceneHoverEvent <a href="#">[CXXABI-1.86]</a>	_ZThn16_NK10QBoxLayout14heightForWidthEi <a href="#">[CXXABI-1.86]</a>
_ZThn16_N11QHeaderViewD0Ev <a href="#">[CXXABI-1.86]</a>	_ZThn16_N17QGraphicsTextItem15hoverLeaveEventEP24QGraphicsSceneHoverEvent <a href="#">[CXXABI-1.86]</a>	_ZThn16_NK10QBoxLayout17hasHeightForWidthEv <a href="#">[CXXABI-1.86]</a>

<a href="#">_ZThn16_N11QHeaderViewD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QGraphicsTextItem15keyReleaseEventEP9QKeyEvent[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK10QBoxLayout19expandingDirectionsEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QListWidgetD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QGraphicsTextItem15mousePressEventEP24QGraphicsSceneMouseEvent[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK10QBoxLayout21minimumHeightForWidthEi[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QListWidgetD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QGraphicsTextItem16contextMenuEventEP30QGraphicsSceneContextMenuEvent[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK10QBoxLayout8sizeHintEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QMainWindowD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QGraphicsTextItem16inputMethodEventEP17QInputMethodEvent[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK11QGridLayout11maximumSizeEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QMainWindowD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QGraphicsTextItem17mouseReleaseEventEP24QGraphicsSceneMouseEvent[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK11QGridLayout11minimumSizeEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QMessageBoxBoxD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QGraphicsTextItem21mouseDoubleClickEventEP24QGraphicsSceneMouseEvent[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK11QGridLayout14heightForWidthEi[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QMessageBoxBoxD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QGraphicsTextItem5paintEP8QPainterPK24QStyleOptionGraphicsItemP7QWidget[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK11QGridLayout17hasHeightForWidthEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QPushButtonD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QGraphicsTextItem9dropEventEP27QGraphicsSceneDragDropEvent[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK11QGridLayout19expandingDirectionsEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QPushButtonD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QGraphicsTextItemD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK11QGridLayout21minimumHeightForWidthEi[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QRubberBandD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QGraphicsTextItemD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK11QGridLayout8sizeHintEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QRubberBandD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QIconEnginePluginD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK14QStackedLayout11minimumSizeEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QScrollAreaD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N17QIconEnginePluginD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK14QStackedLayout8sizeHintEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QScrollAreaD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N18QX11EmbeddedContainerD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK17QGraphicsTextItem10opaqueAreaEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N11QToolButton</a>	<a href="#">_ZThn16_N18QX11Emb</a>	<a href="#">_ZThn16_NK17QGraphi</a>

onD0Ev[CXXABI-1.86]	edContainerD1Ev[CXXABI-1.86]	csTextItem12boundingRectEv[CXXABI-1.86]
_ZThn16_N11QToolButtonD1Ev[CXXABI-1.86]	_ZThn16_N19QAbstractScrollAreaD0Ev[CXXABI-1.86]	_ZThn16_NK17QGraphicsTextItem12isObscuredByEPK13QGraphicsItem[CXXABI-1.86]
_ZThn16_N11QTreeWidgetD0Ev[CXXABI-1.86]	_ZThn16_N19QAbstractScrollAreaD1Ev[CXXABI-1.86]	_ZThn16_NK17QGraphicsTextItem16inputMethodQueryEN2Qt16InputMethodQueryE[CXXABI-1.86]
_ZThn16_N11QTreeWidgetD1Ev[CXXABI-1.86]	_ZThn16_N19QInputContextPluginD0Ev[CXXABI-1.86]	_ZThn16_NK17QGraphicsTextItem17supportsExtensionEN13QGraphicsItem9ExtensionE[CXXABI-1.86]
_ZThn16_N11QVBoxLayoutD0Ev[CXXABI-1.86]	_ZThn16_N19QInputContextPluginD1Ev[CXXABI-1.86]	_ZThn16_NK17QGraphicsTextItem4typeEv[CXXABI-1.86]
_ZThn16_N11QVBoxLayoutD1Ev[CXXABI-1.86]	_ZThn16_N20QPictureFormatPlugin11loadPictureERK7QStringS2_P8QPicture[CXXABI-1.86]	_ZThn16_NK17QGraphicsTextItem5shapeEv[CXXABI-1.86]
_ZThn16_N12QColorDialogD0Ev[CXXABI-1.86]	_ZThn16_N20QPictureFormatPlugin11savePictureERK7QStringS2_RK8QPicture[CXXABI-1.86]	_ZThn16_NK17QGraphicsTextItem8containsERK7QPointF[CXXABI-1.86]
_ZThn16_N12QColorDialogD1Ev[CXXABI-1.86]	_ZThn16_N20QPictureFormatPluginD0Ev[CXXABI-1.86]	_ZThn16_NK17QGraphicsTextItem9extensionERK8QVariant[CXXABI-1.86]
_ZThn16_N12QInputDialogD0Ev[CXXABI-1.86]	_ZThn16_N20QPictureFormatPluginD1Ev[CXXABI-1.86]	_ZThn16_NK7QLayout11maximumSizeEv[CXXABI-1.86]
_ZThn16_N12QInputDialogD1Ev[CXXABI-1.86]	_ZThn16_N23QAccessibleBridgePluginD0Ev[CXXABI-1.86]	_ZThn16_NK7QLayout11minimumSizeEv[CXXABI-1.86]
_ZThn16_N12QPrintDialogD0Ev[CXXABI-1.86]	_ZThn16_N23QAccessibleBridgePluginD1Ev[CXXABI-1.86]	_ZThn16_NK7QLayout19expandingDirectionsEv[CXXABI-1.86]
_ZThn16_N12QPrintDialogD1Ev[CXXABI-1.86]	_ZThn16_N5QDialogD0Ev[CXXABI-1.86]	_ZThn16_NK7QLayout7isEmptyEv[CXXABI-1.86]
_ZThn16_N12QStylePluginD0Ev[CXXABI-1.86]	_ZThn16_N5QDialogD1Ev[CXXABI-1.86]	_ZThn16_NK7QLayout8geometryEv[CXXABI-1.86]
_ZThn16_N12QStylePluginD1Ev[CXXABI-1.86]	_ZThn16_N5QMenuD0Ev[CXXABI-1.86]	_ZThn16_NK7QWidget11paintEngineEv[CXXABI-1.86]
_ZThn16_N12QTableWidgetD0Ev[CXXABI-1.86]	_ZThn16_N5QMenuD1Ev[CXXABI-1.86]	_ZThn16_NK7QWidget6metricEN12QPaintDevice17PaintDeviceMetricE[CXXABI-1.86]

<a href="#">_ZThn16_N12QTableWidgetD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N6QFrameD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK7QWidget7devTypeEv[CXXABI-1.86]</a>
<a href="#">_ZThn16_N12QTextBrowserD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N6QFrameD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn24_N10QDropEventD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N12QTextBrowserD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N6QLabelD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn24_N10QDropEventD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N13QErrorMessageD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N6QLabelD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn24_N14QDragMoveEventD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N13QErrorMessageD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QDialogD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn24_N14QDragMoveEventD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N13QSplashScreenD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QDialogD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn24_N15QDragEnterEventD0Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N13QSplashScreenD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QLayout10invalidateEv[CXXABI-1.86]</a>	<a href="#">_ZThn24_N15QDragEnterEventD1Ev[CXXABI-1.86]</a>
<a href="#">_ZThn16_N14QDesktopWidgetD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QLayout6layoutEv[CXXABI-1.86]</a>	<a href="#">_ZThn24_NK10QDropEvent11encodedDataEPKc[CXXABI-1.86]</a>
<a href="#">_ZThn16_N14QDesktopWidgetD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QLayoutD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn24_NK10QDropEvent6formatEi[CXXABI-1.86]</a>
<a href="#">_ZThn16_N14QImageIOPluginD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QLayoutD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn24_NK10QDropEvent8providesEPKc[CXXABI-1.86]</a>
<a href="#">_ZThn16_N14QImageIOPluginD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N7QSliderD0Ev[CXXABI-1.86]</a>	

## A.23 libQtOpenGL

The behavior of the interfaces in this library is specified by the following Standards.

[Itanium™ C++ ABI](#) [CXXABI-1.86]

**Table A-26 libQtOpenGL Function Interfaces**

<a href="#">_ZThn16_N9QGLWidgetD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N9QGLWidgetD1Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_NK9QGLWidget11paintEngineEv[CXXABI-1.86]</a>
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## A.24 libQtSql

The behavior of the interfaces in this library is specified by the following Standards.

[Itanium™ C++ ABI](#) [CXXABI-1.86]

**Table A-27 libQtSql Function Interfaces**

<a href="#">_ZThn16_N16QSqlDriverPluginD0Ev[CXXABI-1.86]</a>	<a href="#">_ZThn16_N16QSqlDriverPluginD1Ev[CXXABI-1.86]</a>	
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## A.25 libQtSvg

The behavior of the interfaces in this library is specified by the following Standards.  
[Itanium™ C++ ABI](#) [CXXABI-1.86]

**Table A-28 libQtSvg Function Interfaces**

<a href="#">_ZThn16_N10QSvgWidgetD0Ev</a> [CXXABI-1.86]	<a href="#">_ZThn16_N16QGraphicsSvgItem5paintEP8PainterPK24QStyleOptionGraphicsItemP7QWidget</a> [CXXABI-1.86]	<a href="#">_ZThn16_NK16QGraphicsSvgItem4typeEv</a> [CXXABI-1.86]
<a href="#">_ZThn16_N10QSvgWidgetD1Ev</a> [CXXABI-1.86]	<a href="#">_ZThn16_NK16QGraphicsSvgItem12boundingRectEv</a> [CXXABI-1.86]	

## A.26 libQtXml

The behavior of the interfaces in this library is specified by the following Standards.  
[Itanium™ C++ ABI](#) [CXXABI-1.86]

**Table A-29 libQtXml Function Interfaces**

<a href="#">_ZThn16_N18QXmlDefaultHandler12notationDeclaration7QStringS2_S2</a> [CXXABI-1.86]	<a href="#">_ZThn32_N18QXmlDefaultHandler6endDTDEv</a> [CXXABI-1.86]	<a href="#">_ZThn40_N18QXmlDefaultHandler18externalEntityDeclaration7QStringS2_S2</a> [CXXABI-1.86]
<a href="#">_ZThn16_N18QXmlDefaultHandler18unparsedEntityDeclaration7QStringS2_S2_S2</a> [CXXABI-1.86]	<a href="#">_ZThn32_N18QXmlDefaultHandler7commentERK7QString</a> [CXXABI-1.86]	<a href="#">_ZThn40_N18QXmlDefaultHandler18internalEntityDeclaration7QStringS2_S2</a> [CXXABI-1.86]
<a href="#">_ZThn16_NK18QXmlDefaultHandler11errorStringEv</a> [CXXABI-1.86]	<a href="#">_ZThn32_N18QXmlDefaultHandler8endCDATAEv</a> [CXXABI-1.86]	<a href="#">_ZThn40_NK18QXmlDefaultHandler11errorStringEv</a> [CXXABI-1.86]
<a href="#">_ZThn24_N18QXmlDefaultHandler13resolveEntityERK7QStringS2_RP15QXmlInputSource</a> [CXXABI-1.86]	<a href="#">_ZThn32_N18QXmlDefaultHandler8startDTDERK7QStringS2_S2</a> [CXXABI-1.86]	<a href="#">_ZThn8_N18QXmlDefaultHandler10fatalErrorERK18QXmlParseException</a> [CXXABI-1.86]
<a href="#">_ZThn24_NK18QXmlDefaultHandler11errorStringEv</a> [CXXABI-1.86]	<a href="#">_ZThn32_N18QXmlDefaultHandler9endEntityERK7QString</a> [CXXABI-1.86]	<a href="#">_ZThn8_N18QXmlDefaultHandler5errorERK18QXmlParseException</a> [CXXABI-1.86]
<a href="#">_ZThn32_N18QXmlDefaultHandler10startCDATAEv</a> [CXXABI-1.86]	<a href="#">_ZThn32_NK18QXmlDefaultHandler11errorStringEv</a> [CXXABI-1.86]	<a href="#">_ZThn8_N18QXmlDefaultHandler7warningERK18QXmlParseException</a> [CXXABI-1.86]
<a href="#">_ZThn32_N18QXmlDefaultHandler11startEntityERK7QString</a> [CXXABI-1.86]	<a href="#">_ZThn40_N18QXmlDefaultHandler13attributeDeclaration7QStringS2_S2_S2</a> [CXXABI-1.86]	<a href="#">_ZThn8_NK18QXmlDefaultHandler11errorStringEv</a> [CXXABI-1.86]

## A.27 libasound

The behavior of the interfaces in this library is specified by the following Standards.  
[ALSA Library API Reference](#) [ALSA]



**Table A-30 libasound Function Interfaces**

<code>snd_asoundlib_version(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_elem_prev(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_dump(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_async_add_ctl_handler(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_elem_set_callback(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_free(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_async_add_handler(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_elem_set_callback_private(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_get_avail(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_async_add_pcm_handler(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_find_selem(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_get_avail_max(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_async_del_handler(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_first_elem(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_get_delay(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_async_handler_get_callback_private(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_free(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_get_state(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_async_handler_get_ctl(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_get_callback_private(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_get_trigger_timestamp(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_async_handler_get_pcm(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_get_count(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_get_timestamp(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_card_get_index(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_handle_events(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_malloc(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_card_get_longname(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_last_elem(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_sizeof(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_card_get_name(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_load(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_stream(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_card_load(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_open(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_stream_name(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_card_next(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_poll_descriptors(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_sw_params(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_config_add(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_poll_descriptors_count(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_sw_params_copy(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_config_copy(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_poll_descriptors_revents(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_sw_params_current(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_config_delete(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_selem_channel_name(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_sw_params_dump(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_config_get_ascii(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_selem_get_capture_group(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_sw_params_free(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_config_get_id(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_selem_get_capture_switch(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_sw_params_get_avail_min(ALSA_0.9 or c4)</code> <a href="#">[ALSA]</a>
<code>snd_config_get_integer(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_selem_get_capture_volume(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_sw_params_get_boundary(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_config_get_integer64(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_mixer_selem_get_capture_volume_range(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_sw_params_get_silence_size(ALSA_0.9 or c4)</code> <a href="#">[ALSA]</a>



snd_config_get_string(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_get_enum_item(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_get_silence_threshold(ALSA_0.9.0rc4) <a href="#">[ALSA]</a>
snd_config_get_type(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_get_enum_item_name(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_get_start_threshold(ALSA_0.9.0rc4) <a href="#">[ALSA]</a>
snd_config_imake_integer(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_get_enum_items(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_get_stop_threshold(ALSA_0.9.0rc4) <a href="#">[ALSA]</a>
snd_config_imake_integer64(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_get_id(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_get_tstamp_mode(ALSA_0.9.0rc4) <a href="#">[ALSA]</a>
snd_config_imake_string(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_get_index(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_malloc(ALSA_0.9) <a href="#">[ALSA]</a>
snd_config_iterator_end(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_get_name(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_set_avail_min(ALSA_0.9) <a href="#">[ALSA]</a>
snd_config_iterator_entry(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_get_playback_switch(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_set_silence_size(ALSA_0.9) <a href="#">[ALSA]</a>
snd_config_iterator_first(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_get_playback_volume(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_set_silence_threshold(ALSA_0.9) <a href="#">[ALSA]</a>
snd_config_iterator_next(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_get_playback_volume_range(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_set_start_threshold(ALSA_0.9) <a href="#">[ALSA]</a>
snd_config_load(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_has_capture_channel(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_set_stop_threshold(ALSA_0.9) <a href="#">[ALSA]</a>
snd_config_make_compond(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_has_capture_switch(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_set_tstamp_mode(ALSA_0.9) <a href="#">[ALSA]</a>
snd_config_make_integer(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_has_capture_switch_exclusive(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_set_xfer_align(ALSA_0.9) <a href="#">[ALSA]</a>
snd_config_make_integer64(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_has_capture_switch_joined(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_sw_params_sizeof(ALSA_0.9) <a href="#">[ALSA]</a>
snd_config_make_string(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_has_capture_volume(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_type(ALSA_0.9) <a href="#">[ALSA]</a>
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snd_config_searchv(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_has_common_volume(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_wait(ALSA_0.9) <a href="#">[ALSA]</a>
snd_config_set_ascii(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_has_playback_channel(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_writei(ALSA_0.9) <a href="#">[ALSA]</a>

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<a href="#">snd_config_set_integer(ALSA_0.9)[ALSA]</a>	<a href="#">snd_mixer_selem_has_playback_switch(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_writen(ALSA_0.9)[ALSA]</a>
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<a href="#">snd_config_set_string(ALSA_0.9)[ALSA]</a>	<a href="#">snd_mixer_selem_has_playback_volume(ALSA_0.9)[ALSA]</a>	<a href="#">snd_rawmidi_drain(ALSA_0.9)[ALSA]</a>
<a href="#">snd_config_top(ALSA_0.9)[ALSA]</a>	<a href="#">snd_mixer_selem_has_playback_volume_joined(ALSA_0.9)[ALSA]</a>	<a href="#">snd_rawmidi_drop(ALSA_0.9)[ALSA]</a>
<a href="#">snd_config_update(ALSA_0.9)[ALSA]</a>	<a href="#">snd_mixer_selem_id_copy(ALSA_0.9)[ALSA]</a>	<a href="#">snd_rawmidi_info(ALSA_0.9)[ALSA]</a>
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<a href="#">snd_ctl_card_info(ALSA_0.9)[ALSA]</a>	<a href="#">snd_mixer_selem_id_get_index(ALSA_0.9)[ALSA]</a>	<a href="#">snd_rawmidi_info_free(ALSA_0.9)[ALSA]</a>
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snd_ctl_elem_add_iec958(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_set_capture_switch_all(ALSA_0.9) <a href="#">[ALSA]</a>	snd_rawmidi_info_set_subdevice(ALSA_0.9) <a href="#">[ALSA]</a>
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snd_ctl_elem_id_clear(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_set_capture_volume_all(ALSA_0.9) <a href="#">[ALSA]</a>	snd_rawmidi_nonblock(ALSA_0.9) <a href="#">[ALSA]</a>
snd_ctl_elem_id_copy(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_set_capture_volume_range(ALSA_0.9) <a href="#">[ALSA]</a>	snd_rawmidi_open(ALSA_0.9) <a href="#">[ALSA]</a>
snd_ctl_elem_id_free(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_set_enum_item(ALSA_0.9) <a href="#">[ALSA]</a>	snd_rawmidi_poll_descriptors(ALSA_0.9) <a href="#">[ALSA]</a>
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snd_ctl_elem_id_get_interface(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_set_playback_volume(ALSA_0.9) <a href="#">[ALSA]</a>	snd_rawmidi_read(ALSA_0.9) <a href="#">[ALSA]</a>
snd_ctl_elem_id_get_name(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_selem_set_playback_volume_all(ALSA_0.9) <a href="#">[ALSA]</a>	snd_rawmidi_write(ALSA_0.9) <a href="#">[ALSA]</a>
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snd_ctl_elem_id_get_subdevice(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_set_callback(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_alloc_queue(ALSA_0.9) <a href="#">[ALSA]</a>
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snd_ctl_elem_id_set_device(ALSA_0.9) <a href="#">[ALSA]</a>	snd_mixer_wait(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_client_info_copy(ALSA_0.9) <a href="#">[ALSA]</a>
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snd_ctl_elem_id_set_numid(ALSA_0.9) <a href="#">[ALSA]</a>	snd_output_putc(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_client_info_get_num_ports(ALSA_0.9) <a href="#">[ALSA]</a>
snd_ctl_elem_id_set_subdevice(ALSA_0.9) <a href="#">[ALSA]</a>	snd_output_puts(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_client_info_get_type(ALSA_0.9) <a href="#">[ALSA]</a>

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<code>snd_ctl_elem_info(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_access_mask_and(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_seq_client_info_set_name(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_ctl_elem_info_clear(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_access_mask_copy(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_seq_client_info_sizeof(ALSA_0.9)</code> <a href="#">[ALSA]</a>
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<code>snd_ctl_elem_info_get_max(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_access_name(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_seq_delete_port(ALSA_0.9)</code> <a href="#">[ALSA]</a>
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<a href="#">snd_ctl_elem_list_free_space(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_mask_none(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_open(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_list_get_count(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_mask_set(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_parse_address(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_list_get_id(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_mask_sizeof(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_poll_descriptors(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_list_get_name(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_mask_test(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_poll_descriptors_count(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_list_get_used(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_name(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_poll_descriptors_revents(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_list_malloc(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_physical_width(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_port_info_copy(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_list_set_offset(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_set_silence(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_port_info_free(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_list_sizeof(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_signed(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_port_info_get_address(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_read(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_size(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_port_info_get_capability(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_remove(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_unsigned(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_port_info_get_client(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_type_name(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_value(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_port_info_get_name(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_value_clear(ALSA_0.9)[ALSA]</a>	<a href="#">snd_pcm_format_width(ALSA_0.9)[ALSA]</a>	<a href="#">snd_seq_port_info_get_port(ALSA_0.9)[ALSA]</a>
<a href="#">snd_ctl_elem_value_copy</a>	<a href="#">snd_pcm_forward(ALSA</a>	<a href="#">snd_seq_port_info_get_ty</a>

(ALSA_0.9)[ <a href="#">ALSA</a> ]	_0.9.0rc8)[ <a href="#">ALSA</a> ]	pe(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_free(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_frames_to_bytes(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_malloc(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_get_boolean(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_free(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_set_capability(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_get_byte(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_set_client(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_get_bytes(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_any(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_set_midi_channels(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_get_enumerated(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_can_mmap_sample_resolution(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_set_name(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_get_id(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_can_pause(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_set_port(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_get_id_ec958(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_can_resume(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_set_port_specified(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_get_integer(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_can_sync_start(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_set_timestamp_queue(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_get_integer64(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_copy(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_set_timestamp_real(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_malloc(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_current(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_set_timestamping(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_set_boolean(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_dump(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_set_type(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_set_byte(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_free(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_info_sizeof(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_set_enumerated(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_access(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_copy(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_set_id(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_access_mask(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_free(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_set_id_ec958(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_buffer_size(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_get_dest(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_set_integer(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_buffer_size_max(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_get_exclusive(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_set_integer64(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_buffer_size_min(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_get_queue(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_elem_value_sizeof(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_buffer_time(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_get_sender(ALSA_0.9)[ <a href="#">ALSA</a> ]



snd_ctl_elem_write(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_buffer_time_max(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_get_time_real(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_event_clear(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_buffer_time_min(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_get_time_update(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_event_copy(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_channels(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_malloc(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_event_elem_get_id(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_channels_max(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_set_dest(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_event_elem_get_mask(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_channels_min(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_set_exclusive(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_event_free(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_format(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_set_queue(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_event_malloc(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_format_mask(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_set_sender(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_event_sizeof(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_period_size(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_set_time_real(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_hwdep_info(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_period_size_max(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_set_time_update(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_hwdep_next_device(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_period_size_min(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_port_subscribe_sizeof(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_name(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_period_time(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_query_next_client(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_nonblock(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_period_time_max(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_query_next_port(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_open(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_period_time_min(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_query_port_subscribers(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_pcm_info(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_periods(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_copy(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_pcm_next_device(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_periods_max(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_free(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_poll_descriptors(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_periods_min(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_get_addr(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_poll_descriptors_count(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_rate(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_get_exclusive(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_rawmidi_info(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_rate_bits(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_get_id(ALSA_0.9)[ <a href="#">ALSA</a> ]

SA_0.9)[ <a href="#">ALSA</a> ]	_rate_max(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	_get_index(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_rawmidi_next_device(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_rate_min(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_get_queue(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_read(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_rate_numden(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_get_root(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_ctl_subscribe_events(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_rate_resample(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_get_time_real(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_close(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_get_sbits(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_get_time_update(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_elem_get_callback_private(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_is_double(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_malloc(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_elem_get_id(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_is_half_duplex(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_set_index(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_elem_info(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_is_joint_duplex(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_set_root(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_elem_next(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_malloc(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_set_type(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_elem_prev(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_set_access(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_query_subscribe_sizeof(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_elem_read(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_set_access_mask(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_queue_status_copy(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_elem_set_callback(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_set_buffer_size(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_queue_status_free(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_elem_set_callback_private(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_set_buffer_size_near(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_queue_status_get_real_time(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_elem_write(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_set_buffer_time(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_queue_status_get_tick_time(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_find_elem(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_set_buffer_time_near(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_queue_status_malloc(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_first_elem(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_set_channels(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_seq_queue_status_sizeof(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_free(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_set_channels_near(ALSA_0.9.0rc4)[ <a href="#">ALSA</a> ]	snd_seq_queue_status_copy(ALSA_0.9)[ <a href="#">ALSA</a> ]
snd_hctl_get_callback_private(ALSA_0.9)[ <a href="#">ALSA</a> ]	snd_pcm_hw_params_set_format(ALSA_0.9)	snd_seq_queue_status_free(ALSA_0.9)[ <a href="#">ALSA</a> ]



	<a href="#">[ALSA]</a>	
snd_hctl_get_count(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_format_mask(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_queue_tempo_get_ppq(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hctl_handle_events(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_period_size(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_queue_tempo_get_tempo(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hctl_last_elem(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_period_size_near(ALSA_0.9,0rc4) <a href="#">[ALSA]</a>	snd_seq_queue_tempo_malloc(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hctl_load(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_period_time(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_queue_tempo_set_ppq(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hctl_nonblock(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_period_time_near(ALSA_0.9,0rc4) <a href="#">[ALSA]</a>	snd_seq_queue_tempo_set_tempo(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hctl_open(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_periods(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_queue_tempo_sizeof(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hctl_set_callback(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_periods_integer(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_set_client_info(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hctl_set_callback_private(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_periods_near(ALSA_0.9,0rc4) <a href="#">[ALSA]</a>	snd_seq_set_client_name(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hctl_wait(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_rate(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_set_input_buffer_size(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_close(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_rate_near(ALSA_0.9,0rc4) <a href="#">[ALSA]</a>	snd_seq_set_output_buffer_size(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_dsp_image_copy(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_set_rate_resample(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_set_port_info(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_dsp_image_free(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_sizeof(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_set_queue_tempo(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_dsp_image_get_image(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_test_access(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_subscribe_port(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_dsp_image_get_index(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_test_buffer_size(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_sync_output_queue(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_dsp_image_get_length(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_test_buffer_time(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_system_info(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_dsp_image_get_name(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_test_channels(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_system_info_copy(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_dsp_image_malloc(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_hw_params_test_format(ALSA_0.9) <a href="#">[ALSA]</a>	snd_seq_system_info_free(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_dsp_image_set_image(ALSA_0.9)	snd_pcm_hw_params_test_period_size(ALSA_0.9)	snd_seq_system_info_get_clients(ALSA_0.9)

<a href="#">[ALSA]</a> snd_hwdep_dsp_image_set_index(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_hw_params_test_period_time(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_seq_system_info_get_ports(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_image_set_length(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_hw_params_test_periods(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_seq_system_info_get_queues(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_image_set_name(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_hw_params_test_rate(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_seq_system_info_malloc(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_image_sizeof(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_hwsync(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_seq_system_info_sizeof(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_load(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_seq_unsubscribe_port(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_status(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_copy(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_strerror(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_status_copy(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_free(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_close(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_status_free(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_get_card(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_continue(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_status_get_chip_ready(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_get_class(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_copy(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_status_get_dsp_loaded(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_get_device(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_free(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_status_get_id(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_get_id(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_get_card(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_status_get_num_dsps(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_get_name(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_get_class(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_status_get_version(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_get_stream(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_get_device(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_status_malloc(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_get_subdevice(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_get_sclass(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_dsp_status_sizeof(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_get_subdevice_name(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_get_subdevice(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_info(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_get_subdevices_avail(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_malloc(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_info_copy(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_get_subdevices_count(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_set_card(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_info_free(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_malloc(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_set_class(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_info_get_card(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_set_device(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_set_device(ALSA_0.9) <a href="#">[ALSA]</a>
<a href="#">[ALSA]</a> snd_hwdep_info_get_device(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_pcm_info_set_stream(ALSA_0.9) <a href="#">[ALSA]</a>	<a href="#">[ALSA]</a> snd_timer_id_set_sclass(ALSA_0.9) <a href="#">[ALSA]</a>

snd_hwdep_info_get_id(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_info_set_subdevice(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_id_set_subdevice(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_info_get_iface(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_info_sizeof(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_id_sizeof(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_info_get_name(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_link(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_info(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_info_malloc(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_mmap_begin(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_info_copy(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_info_set_device(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_mmap_commit(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_info_free(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_info_sizeof(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_mmap_readi(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_info_get_card(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_ioctl(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_mmap_readn(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_info_get_id(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_open(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_mmap_writei(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_info_get_name(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_poll_descriptors(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_mmap_writen(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_info_get_resolution(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_read(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_name(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_info_malloc(ALSA_0.9) <a href="#">[ALSA]</a>
snd_hwdep_write(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_nonblock(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_info_sizeof(ALSA_0.9) <a href="#">[ALSA]</a>
snd_input_buffer_open(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_open(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_open(ALSA_0.9) <a href="#">[ALSA]</a>
snd_input_close(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_open_lconf(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_params(ALSA_0.9) <a href="#">[ALSA]</a>
snd_input_stdio_attach(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_pause(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_params_get_ticks(ALSA_0.9) <a href="#">[ALSA]</a>
snd_input_stdio_open(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_poll_descriptors(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_params_malloc(ALSA_0.9) <a href="#">[ALSA]</a>
snd_lib_error_set_handler(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_poll_descriptors_count(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_params_set_auto_start(ALSA_0.9) <a href="#">[ALSA]</a>
snd_midi_event_decode(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_poll_descriptors_revents(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_params_set_ticks(ALSA_0.9) <a href="#">[ALSA]</a>
snd_midi_event_encode(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_prepare(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_poll_descriptors(ALSA_0.9) <a href="#">[ALSA]</a>
snd_midi_event_encode_byte(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_readi(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_poll_descriptors_count(ALSA_0.9) <a href="#">[ALSA]</a>
snd_midi_event_free(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_readn(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_read(ALSA_0.9) <a href="#">[ALSA]</a>
snd_midi_event_init(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_recover(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_start(ALSA_0.9) <a href="#">[ALSA]</a>
snd_midi_event_new(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_reset(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_status(ALSA_0.9) <a href="#">[ALSA]</a>
snd_midi_event_reset_decode(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_resume(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_status_free(ALSA_0.9) <a href="#">[ALSA]</a>
snd_midi_event_reset_encode(ALSA_0.9) <a href="#">[ALSA]</a>	snd_pcm_rewind(ALSA_0.9) <a href="#">[ALSA]</a>	snd_timer_status_get_lost(ALSA_0.9) <a href="#">[ALSA]</a>

<code>code(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>0.9)</code> <a href="#">[ALSA]</a>	<code>(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_mixer_attach(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_samples_to_bytes(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_timer_status_get_overrun(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_mixer_close(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_start(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_timer_status_get_queue(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_mixer_detach(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_state(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_timer_status_get_resolution(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_mixer_elem_get_callback_private(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_state_name(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_timer_status_malloc(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_mixer_elem_get_type(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_timer_stop(ALSA_0.9)</code> <a href="#">[ALSA]</a>
<code>snd_mixer_elem_next(ALSA_0.9)</code> <a href="#">[ALSA]</a>	<code>snd_pcm_status_copy(ALSA_0.9)</code> <a href="#">[ALSA]</a>	

**Table A-31 libasound Data Interfaces**

<code>snd_config</code> <a href="#">[ALSA]</a>	<code>snd_seq_event_types</code> <a href="#">[ALSA]</a>	
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