The Essential Qt 3.1 Class Hierarchy

Qt/Embedded · Qt/Mac · Qt/Windows · Qt/X11

connect(button, SIGNAL(clicked()), qApp, SLOT(quit()));

Platforms: AIX, BSDI, FreeBSD, HP-UX, Irix, Linux, Mac OS X, NetBSD, OpenBSD, Solaris, Tru64, UnixWare, Windows 95, Windows 98, Windows NT 4, Windows ME, Windows 2000, Windows XP

Codecs / Encodings: utf16 · Unicode, utf8 · Unicode, Big5 · Chinese, GBK · Chinese, eucJP · Japanese, JIS7 · Japanese, Shift-JIS · Japanese, eucKR · Korean, KOI8-R · Russian, TSCII · Tamil, KOI8-U · Ukranian, CP 1258, CP 1257 · Baltic, CP 1256 · Arabic, CP 1255 · Hebrew, CP 1254 · Turkish, CP 1253 · Greek, CP 1252 · Western, CP 1251 · Cyrillic, CP 1250 · Central Europe, CP 874, ISO8859-15 · Western, ISO8859-14, ISO8859-13, ISO8859-10, ISO8859-9 · Turkish, ISO8859-8-i · Hebrew, ISO8859-8 · Hebrew, ISO8859-7 · Greek, ISO8859-6 · Arabic, ISO8859-5 · Cyrillic, ISO8859-4 · Baltic, ISO8859-3 · Central Europe, ISO8859-2 · Central Europe, ISO8859-1 · Western, Apple Roman

```cpp
#include <qapplication.h>
#include <qlabel.h>
int main( int argc, char **argv )
{
    QApplication app( argc, argv );
    QLabel *hello = new QLabel(
        "<font color=blue>"
        "Hello <i>Qt!</i>"
        "</font>", 0 );
    app.setMainWidget( hello );
    hello->show();
    return app.exec();
}
```

Class names (selected): Qt, QBrush, QCursor, QKeySequence, QPainter, QPen, QSyntaxHighlighter, QTab, QThread, QTooltip, QWhatsThis, QCanvasItem, QCanvasText, QCanvasSprite, QCanvasPolygonalItem, QCanvasEllipse, QCanvasLine, QCanvasPolygon, QCanvasSpline, QCanvasRectangle, QCommonStyle, QWindowsStyle, QAquaStyle, QMacStyle, QPlatinumStyle, QSGIStyle, QCDEStyle, QMotifPlusStyle, QStylePlugin, QSqlEditorFactory, QSql, QSqlResult, QSqlPropertyMap, QSqlDriverPlugin, QSqlField, QSqlFieldInfo, QSqlRecord, QSqlRecordInfo, QSqlCursor, QSqlIndex, QSqlQuery

QObject, QEvent, QIMEvent, QKeyEvent, QHideEvent, QDropEvent, QPaintEvent, QChildEvent, QMoveEvent, QShowEvent, QCloseEvent, QTimerEvent, QFocusEvent, QWheelEvent, QMouseEvent, QResizeEvent, QCustomEvent, QContextMenuEvent, QAccel, QAction, QApplication, QCanvas, QClipboard, QDns, QDragObject, QEventLoop, QProcess, QServerSocket, QSessionManager, QSignal, QSignalMapper, QSocket, QSound, QTimer, QTranslator, QStyleSheet, QStyle, QUrlOperator, QNetworkOperation, QNetworkProtocol, QValidator, QDoubleValidator, QIntValidator, QRegExpValidator, QEditorFactory, QLayout, QSqlDatabase, QSqlDriver, QSqlForm, QDataBrowser, QDataView, QMotifStyle, QFtp, QHttp, QLocalFs

QWidget, QButton, QComboBox, QDateEdit, QDateTimeEdit, QDesktopWidget, QDialog, QDial, QDockArea, QWorkspace, QGLWidget, QHeader, QMainWindow, QScrollBar, QSlider, QFrame, QSizeGrip, QSpinBox, QStatusBar, QTabBar, QTabWidget, QTimeEdit, QScrollView, QCanvasView, QGridView, QIconView, QListView, QListBox, QTextEdit, QTextBrowser, QTable, QDataTable, QCheckBox, QToolButton, QPushButton, QRadioButton, QWizard, QTabDialog, QFileDialog, QFontDialog, QInputDialog, QColorDialog, QMessageBox, QErrorMessage, QProgressDialog, QGrid, QLabel, QHBox, QVBox, QSplitter, QLineEdit, QMenuBar, QGroupBox, QPopupMenu, QProgressBar, QLCDNumber, QWidgetStack, QDockWindow, QToolBar, QIconViewItem, QListViewItem, QCheckListItem, QTableItem, QCheckTableItem, QComboTableItem, QGridLayout, QBoxLayout, QHBoxLayout, QVBoxLayout

QWidgetFactory, QWidgetPlugin, QXmlAttributes, QXmlContentHandler, QXmlDeclHandler, QXmlDTDHandler, QXmlEntityResolver, QXmlLexicalHandler, QXmlLocator, QXmlNamespace..., QXmlReader, QDomAttr, QDomEntity, QDomElement, QDomDocument, QDomCharacterData, QGLFormat, QGLContext, QStyleSheetItem, QCustomMenuItem, QListBoxItem, QListBoxText, QListBoxPixmap, QLayoutItem, QSpacerItem, QWidgetItem

QAccessible, QAsciiCache, QAsyncIO, QChar, QColor, QColorGroup, QDataStream, QDate, QDateTime, QDeepCopy, QDir, QDomNode, QFileInfo, QFont, QFontDatabase, QFontInfo, QFontManager, QFontMetrics, QGL, QGLColormap, QGuardedPtr, QHostAddress, QIconSet, QImage, QImageFormatPlugin, QImageIO, QFile, QBuffer, QSocketDevice, QIODevice, QLibrary, QLock, QMap, QAsciiCacheIterator, QCacheIterator, QIntCacheIterator, QAsciiDictIterator, QDictIterator, QIntCache

QMemArray, QMenuData, QMetaObject, QMetaProperty, QMovie, QMimeSource, QMutex, QPaintDevice, QPaintDeviceMetrics, QPair, QPalette, QPixmapCache, QPoint, QPtrCollection, QPtrQueue, QPtrStack, QRangeControl, QRect, QRegExp, QRegion, QSemaphore, QSettings, QSimpleRichText, QSize, QSizePolicy, QString, QConstString, QTextCodec, QTextCodecPlugin, QTextStream, QTime, QByteArray, QPointArray, QBitArray, QCString, QMimeSourceFactory, QMutexLocker, QPrinter, QPicture, QPixmap, QBitmap, QDict, QCache, QPtrList, QIntDict, QPtrDict, QAsciiDict, QPtrVector, QObjectList, QSortedList, QValueList, QStringList, QValueStack, QValueVector, QUrl, QUrlInfo, QVariant, QWMatrix, QHButtonGroup, QVButtonGroup, QButtonGroup, QHGroupBox, QVGroupBox, QPtrDictIterator, QMapIterator, QValueListIterator, QPtrListIterator, QIntDictIterator
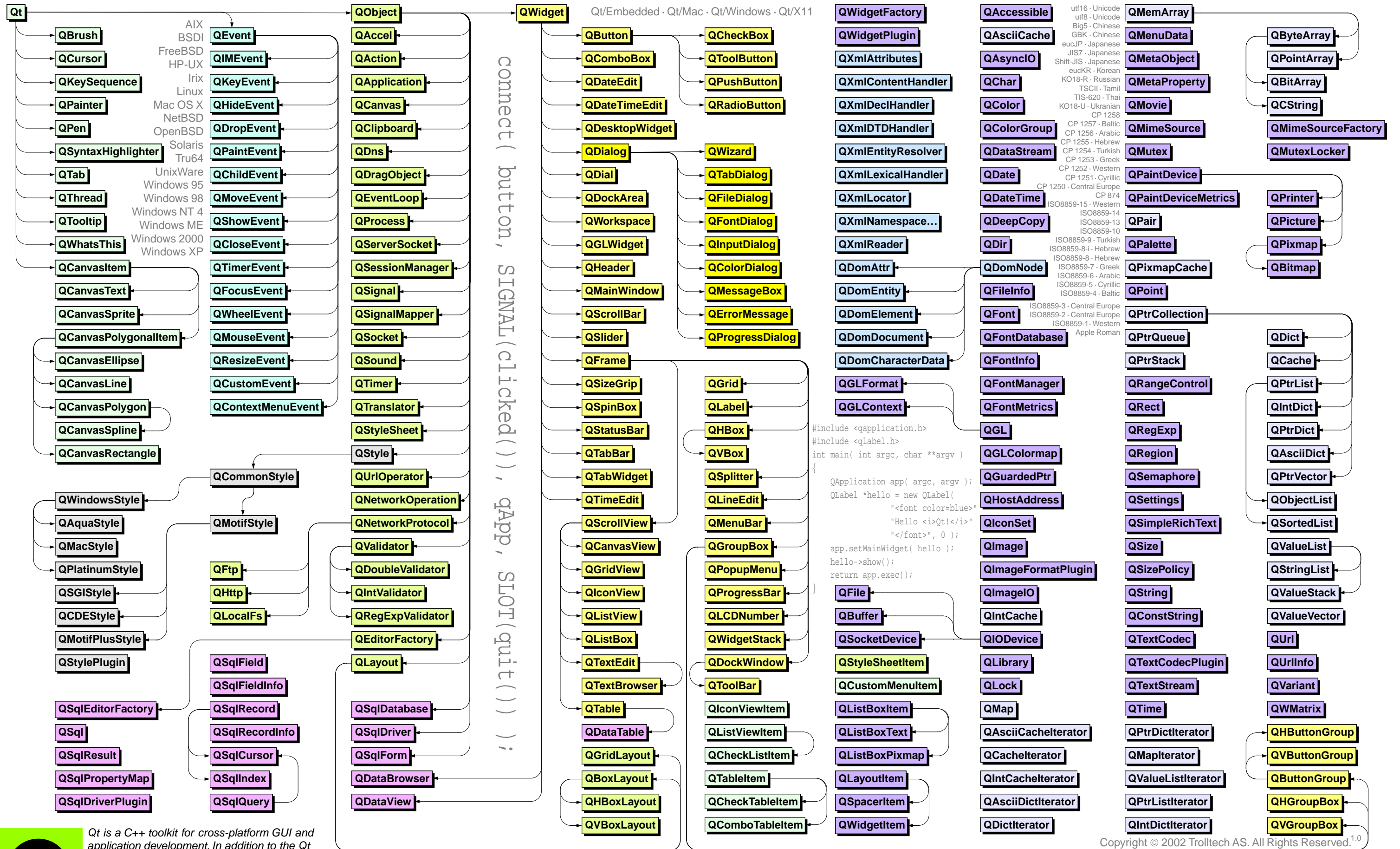

Qt is a C++ toolkit for cross-platform GUI and application development. In addition to the Qt C++ class library, the toolkit includes tools like Qt Designer that make writing applications fast and straightforward. Qt's multiplatform abilities and internationalization support means that Qt applications can reach the widest market.

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