libyui-mga-qt

1.1.0

Generated by Doxygen 1.8.17

1 Hierarchical Index 1

1.1 Class Hierarchy . . . 1

2 Class Index 3

2.1 Class List . . . 3

3 Class Documentation 5

3.1 YMGA_QCBTable::Private Struct Reference . . . 5

3.1.1 Detailed Description . . . 5

3.2 YMGAQMenuBar::Private Struct Reference . . . 5

3.2.1 Detailed Description . . . 6

3.3 QItemAction Class Reference . . . 6

3.3.1 Detailed Description . . . 7

3.4 YMGA_QCBTable Class Reference . . . 7

3.4.1 Detailed Description . . . 9

3.4.2 Member Function Documentation . . . 9

3.4.2.1 addItem() . . . 9

3.4.2.2 addItems() . . . 9

3.4.2.3 cellChanged() . . . 10

3.4.2.4 checkItem() . . . 10

3.4.2.5 deleteAllItems() . . . 11

3.4.2.6 deselectAllItems() . . . 11

3.4.2.7 preferredHeight() . . . 11

3.4.2.8 preferredWidth() . . . 11

3.4.2.9 selectItem() . . . 12

3.4.2.10 setEnabled() . . . 12

3.4.2.11 setKeepSorting() . . . 12

3.4.2.12 setKeyboardFocus() . . . 13

3.4.2.13 setSize() . . . 13

3.4.2.14 slotContextMenu . . . 13

3.5 YMGA_QCBTableListViewItem Class Reference . . . 14

3.5.1 Detailed Description . . . 15

3.6 YMGAQMenuBar Class Reference . . . 15

3.6.1 Detailed Description . . . 16

3.6.2 Member Function Documentation . . . 16

3.6.2.1 addAction() . . . 17

3.6.2.2 addItem() . . . 17

3.6.2.3 addSubMenu() . . . 17

3.6.2.4 deleteAllItems() . . . 18

3.6.2.5 enableItem() . . . 18

3.6.2.6 hideItem() . . . 18
3.6.2.7 preferredHeight() . . . 18
3.6.2.8 preferredWidth() . . . 19
3.6.2.9 setSize() . . . 19
3.7 YMGAQWidgetFactory Class Reference . . . 19
3.7.1 Detailed Description . . . 20
3.7.2 Constructor & Destructor Documentation . . . 20
3.7.2.1 YMGAQWidgetFactory() . . . 21
3.8 YQWE Class Reference . . . 21
3.8.1 Detailed Description . . . 22

Index **23**

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

YMGA_QCBTable::Private 5
YMGAQMenuBar::Private 5
QAction
    QItemAction 6
QFrame
    YMGA_QCBTable 7
QWidget
    YMGAQMenuBar 15
QY2ListViewItem
    YMGA_QCBTableListViewItem 14
YExternalWidgets
    YQWE 21
YMGA_CBTable
    YMGA_QCBTable 7
YMGAMenuBar
    YMGAQMenuBar 15
YMGAWidgetFactory
    YMGAQWidgetFactory 19

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

YMGA_QCBTable::Private 5
YMGAQMenuBar::Private 5
QItemAction 6
YMGA_QCBTable 7
YMGA_QCBTableListViewItem
    Visual representation of a YCBTableItem 14
YMGAQMenuBar 15
YMGAQWidgetFactory
    Concrete widget factory for mandatory widgets 19
YQWE 21

Chapter 3

Class Documentation

3.1 YMGA_QCBTable::Private Struct Reference

Public Attributes

- unsigned int firstColumnOffset

  < *offset to first YCell usually 1 if checkbox Enabled and mode is YCBTableCheckBoxOnFirstColumn 0 otherwise*

3.1.1 Detailed Description

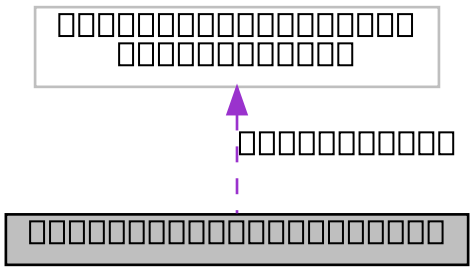
Definition at line 42 of file YMGA_QCBTable.cc.

The documentation for this struct was generated from the following file:

- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGA_QCBTable.cc

3.2 YMGAQMenuBar::Private Struct Reference

Collaboration diagram for YMGAQMenuBar::Private:



Public Attributes

- QMenuBar * **menubar**
- MenuEntryMap **menu_entry**

3.2.1 Detailed Description

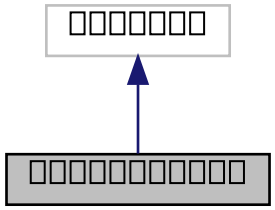
Definition at line 49 of file YMGAQMenuBar.cc.

The documentation for this struct was generated from the following file:

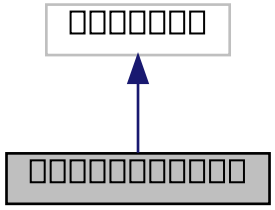
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGAQMenuBar.cc

3.3 QItemAction Class Reference

Inheritance diagram for QItemAction:



Collaboration diagram for QItemAction:



Public Member Functions

- **QItemAction** (YMenuItem ∗item, QObject ∗parent=nullptr)
- void **selectedItem** ()

3.3.1 Detailed Description

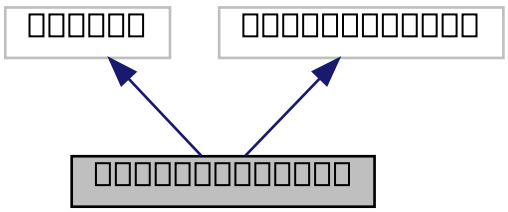
Definition at line 56 of file YMGAQMenuBar.cc.

The documentation for this class was generated from the following file:

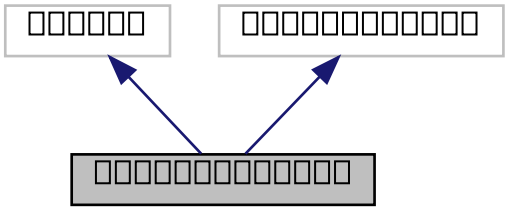
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGAQMenuBar.cc

3.4 YMGA_QCBTable Class Reference

Inheritance diagram for YMGA_QCBTable:



Collaboration diagram for YMGA_QCBTable:



Classes

- struct Private

Public Member Functions

- YMGA_QCBTable (YWidget *parent, YTableHeader *header, YCBTableMode checkboxMode)

  Constructor.
- virtual ~YMGA_QCBTable ()

  Destructor.
- virtual void setKeepSorting (bool keepSorting)

  Switch between sorting by item insertion order (keepSorting: true) or allowing the user to sort by an arbitrary column (by clicking on the column header).
- virtual void addItem (YItem *item)

  Add an item.
- virtual void addItems (const YItemCollection &itemCollection)

  Add multiple items.
- virtual void selectItem (YItem *item, bool selected=true)

  Select or deselect an item.
- virtual void deselectAllItems ()

  Deselect all items.
- virtual void deleteAllItems ()

  Delete all items.
- virtual void cellChanged (const YTableCell *cell)

  Notification that a cell (its text and/or its icon) was changed from the outside.
- void checkItem (YItem *item, bool checked=true)

  check/uncheck Item from application.
- virtual void setEnabled (bool enabled)

  Set enabled/disabled state.
- virtual int preferredWidth ()

  Preferred width of the widget.
- virtual int preferredHeight ()

  Preferred height of the widget.
- virtual void setSize (int newWidth, int newHeight)

  Set the new size of the widget.
- virtual bool setKeyboardFocus ()

  Accept the keyboard focus.
- int checkboxItemColumn ()

  returns which column is managed by checkboxes, if any -1 otherwise

Protected Slots

- void slotSelected (QTreeWidgetItem *)

  Notification that an item is selected (single click or keyboard).
- void slotActivated (QTreeWidgetItem *listViewItem, int column)

  Notification that an item is activated (double click or keyboard).
- void slotContextMenu (const QPoint &pos)

  Propagate a context menu selection.
- void **slotcolumnClicked** (QTreeWidgetItem *item, int col)

Protected Member Functions

- void selectOrigItem (QTreeWidgetItem *listViewItem)

  Select the original item (the YCBTableItem) that corresponds to the specified listViewItem.
- void addItem (YItem *item, bool batchMode, bool resizeColumnsToContent)

  Internal addItem() method that will not do expensive operations in batch mode.

Protected Attributes

- QY2ListView * **_qt_listView**

3.4.1 Detailed Description

Definition at line 38 of file YMGA_QCBTable.h.

3.4.2 Member Function Documentation

3.4.2.1 addItem()

```
void YMGA_QCBTable::addItem (
             YItem * item )  [virtual]
```

Add an item.

Reimplemented from YSelectionWidget.

Definition at line 147 of file YMGA_QCBTable.cc.

3.4.2.2 addItems()

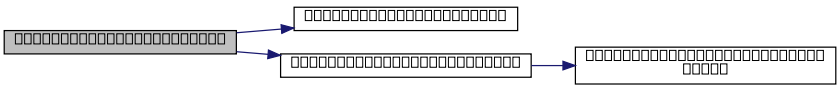
```
void YMGA_QCBTable::addItems (
             const YItemCollection & itemCollection )  [virtual]
```

Add multiple items.

Reimplemented for efficiency from YSelectionWidget.

Definition at line 211 of file YMGA_QCBTable.cc.

Here is the call graph for this function:



3.4.2.3 cellChanged()

```
void YMGA_QCBTable::cellChanged (
            const YTableCell * cell )  [virtual]
```

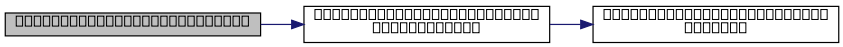
Notification that a cell (its text and/or its icon) was changed from the outside.

Applications are required to call this whenever a table cell is changed after adding the corresponding table item (the row) to the table widget.

Reimplemented from YTable.

Definition at line 295 of file YMGA_QCBTable.cc.

Here is the call graph for this function:



3.4.2.4 checkItem()

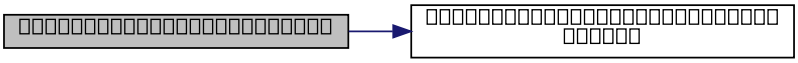
```
void YMGA_QCBTable::checkItem (
            YItem * item,
            bool checked = true )
```

check/uncheck Item from application.

Note that item->check(true) does not update the table

Definition at line 261 of file YMGA_QCBTable.cc.

Here is the call graph for this function:



3.4.2.5 deleteAllItems()

```
void YMGA_QCBTable::deleteAllItems ( )  [virtual]
```

Delete all items.

Reimplemented from YSelectionWidget.

Definition at line 287 of file YMGA_QCBTable.cc.

3.4.2.6 deselectAllItems()

```
void YMGA_QCBTable::deselectAllItems ( )  [virtual]
```

Deselect all items.

Reimplemented from YSelectionWidget.

Definition at line 277 of file YMGA_QCBTable.cc.

3.4.2.7 preferredHeight()

```
int YMGA_QCBTable::preferredHeight ( )  [virtual]
```

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 403 of file YMGA_QCBTable.cc.

3.4.2.8 preferredWidth()

```
int YMGA_QCBTable::preferredWidth ( )  [virtual]
```

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 393 of file YMGA_QCBTable.cc.

3.4.2.9 selectItem()

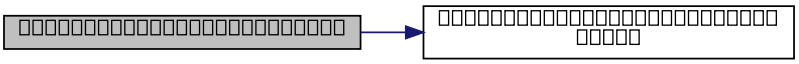
```
void YMGA_QCBTable::selectItem (
             YItem * item,
             bool selected = true )  [virtual]
```

Select or deselect an item.

Reimplemented from YSelectionWidget.

Definition at line 237 of file YMGA_QCBTable.cc.

Here is the call graph for this function:



3.4.2.10 setEnabled()

```
void YMGA_QCBTable::setEnabled (
             bool enabled )  [virtual]
```

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 383 of file YMGA_QCBTable.cc.

3.4.2.11 setKeepSorting()

```
void YMGA_QCBTable::setKeepSorting (
             bool keepSorting )  [virtual]
```

Switch between sorting by item insertion order (keepSorting: true) or allowing the user to sort by an arbitrary column (by clicking on the column header).

Reimplemented from YTable.

Definition at line 138 of file YMGA_QCBTable.cc.

3.4.2.12 setKeyboardFocus()

```
bool YMGA_QCBTable::setKeyboardFocus ( )  [virtual]
```

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 420 of file YMGA_QCBTable.cc.

3.4.2.13 setSize()

```
void YMGA_QCBTable::setSize (
            int newWidth,
            int newHeight )  [virtual]
```

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 413 of file YMGA_QCBTable.cc.

3.4.2.14 slotContextMenu

```
void YMGA_QCBTable::slotContextMenu (
            const QPoint & pos )  [protected], [slot]
```

Propagate a context menu selection.

This will trigger an 'ContextMenuActivated' event if 'notifyContextMenu' is set.

Definition at line 429 of file YMGA_QCBTable.cc.

The documentation for this class was generated from the following files:

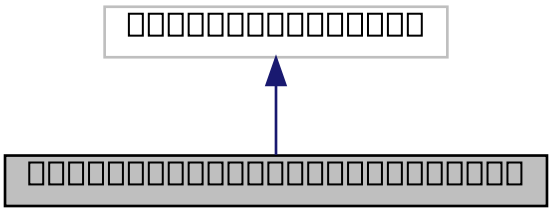
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGA_QCBTable.h
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGA_QCBTable.cc

3.5 YMGA_QCBTableListViewItem Class Reference

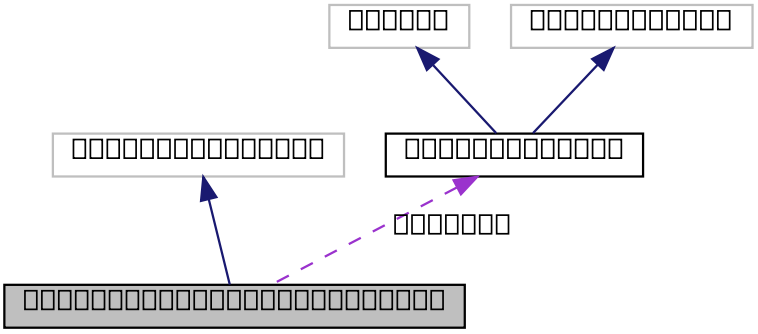
Visual representation of a YCBTableItem.

`#include <YMGA_QCBTable.h>`

Inheritance diagram for YMGA_QCBTableListViewItem:



Collaboration diagram for YMGA_QCBTableListViewItem:



Public Member Functions

- YMGA_QCBTableListViewItem (YMGA_QCBTable *table, QY2ListView *parent, YCBTableItem *origItem)
  Constructor.
- YMGA_QCBTable * table () const
  Return the parent table widget.
- YCBTableItem * origItem () const
  Return the corresponding YCBTableItem.
- void updateCell (const YTableCell *cell)
  Update this item's display with the content of 'cell'.

Protected Attributes

- YMGA_QCBTable * **_table**
- YCBTableItem * **_origItem**

3.5.1 Detailed Description

Visual representation of a YCBTableItem.

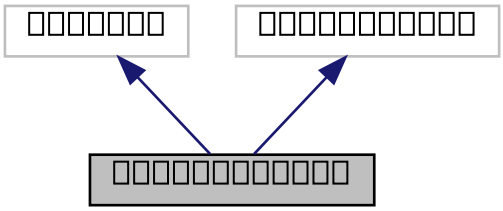
Definition at line 212 of file YMGA_QCBTable.h.

The documentation for this class was generated from the following files:

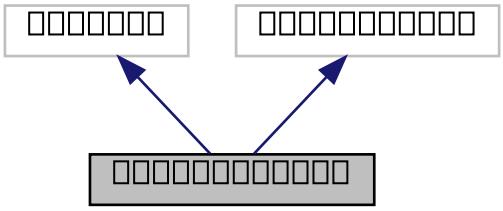
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGA_QCBTable.h
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGA_QCBTable.cc

3.6 YMGAQMenuBar Class Reference

Inheritance diagram for YMGAQMenuBar:



Collaboration diagram for YMGAQMenuBar:



Classes

- struct Private

Public Member Functions

- YMGAQMenuBar (YWidget ∗parent)

  Constructor.
- virtual ∼YMGAQMenuBar ()

  Destructor.
- virtual void addItem (YItem ∗item)

  Add an YMenuItem first item represents the menu name, other sub items menu entries.
- virtual int preferredWidth ()

  Preferred width of the widget.
- virtual int preferredHeight ()

  Preferred height of the widget.
- virtual void setSize (int newWidth, int newHeight)

  Set the new size of the widget.
- virtual void enableItem (YItem ∗menu_item, bool enable=true)

  Enable YMGAMenuItem (menu name or menu entry) to enable/disable it into menubar or menu.
- virtual void hideItem (YItem ∗menu_item, bool invisible=true)

  Hide YMGAMenuItem (menu name or menu entry) to hide/show it into menubar or menu.
- virtual void deleteAllItems ()

  Delete all items.

Protected Member Functions

- virtual void addSubMenu (QMenu ∗menu, YItem ∗item)

  Add a submenu.
- virtual void addAction (QMenu ∗menu, YItem ∗item)

  Add an action (a menu entry without submenus)

3.6.1 Detailed Description

Definition at line 35 of file YMGAQMenuBar.h.

3.6.2 Member Function Documentation

3.6.2.1 addAction()

```
void YMGAQMenuBar::addAction (
            QMenu * menu,
            YItem * item )  [protected], [virtual]
```

Add an action (a menu entry without submenus)

Definition at line 101 of file YMGAQMenuBar.cc.

3.6.2.2 addItem()

```
void YMGAQMenuBar::addItem (
            YItem * item )  [virtual]
```

Add an YMenuItem first item represents the menu name, other sub items menu entries.

Reimplemented from YSelectionWidget.

Definition at line 177 of file YMGAQMenuBar.cc.

Here is the call graph for this function:

3.6.2.3 addSubMenu()

```
void YMGAQMenuBar::addSubMenu (
            QMenu * menu,
            YItem * item )  [protected], [virtual]
```

Add a submenu.

Definition at line 145 of file YMGAQMenuBar.cc.

Here is the call graph for this function:

3.6.2.4 deleteAllItems()

```
void YMGAQMenuBar::deleteAllItems ( )  [virtual]
```

Delete all items.

Reimplemented from YSelectionWidget

Definition at line 287 of file YMGAQMenuBar.cc.

3.6.2.5 enableItem()

```
void YMGAQMenuBar::enableItem (
            YItem * menu_item,
            bool enable = true )  [virtual]
```

Enable YMGAMenuItem (menu name or menu entry) to enable/disable it into menubar or menu.

Reimplemented from YMGAMenuBar.

Definition at line 235 of file YMGAQMenuBar.cc.

3.6.2.6 hideItem()

```
void YMGAQMenuBar::hideItem (
            YItem * menu_item,
            bool invisible = true )  [virtual]
```

Hide YMGAMenuItem (menu name or menu entry) to hide/show it into menubar or menu.

Reimplemented from YMGAMenuBar.

Definition at line 258 of file YMGAQMenuBar.cc.

3.6.2.7 preferredHeight()

```
int YMGAQMenuBar::preferredHeight ( )  [virtual]
```

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 221 of file YMGAQMenuBar.cc.

3.6.2.8 preferredWidth()

```
int YMGAQMenuBar::preferredWidth ( )  [virtual]
```

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 212 of file YMGAQMenuBar.cc.

3.6.2.9 setSize()

```
void YMGAQMenuBar::setSize (
             int newWidth,
             int newHeight )  [virtual]
```

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 230 of file YMGAQMenuBar.cc.

The documentation for this class was generated from the following files:

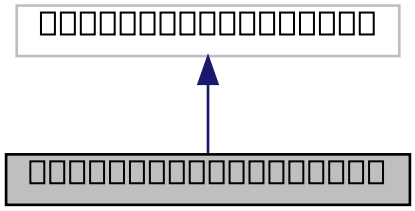
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGAQMenuBar.h
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGAQMenuBar.cc

3.7 YMGAQWidgetFactory Class Reference

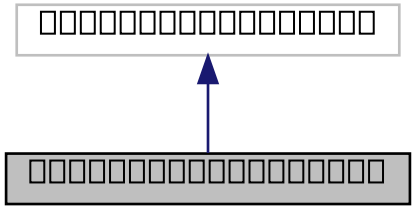
Concrete widget factory for mandatory widgets.

```
#include <YMGAQWidgetFactory.h>
```

Inheritance diagram for YMGAQWidgetFactory:



Collaboration diagram for YMGAQWidgetFactory:



Public Member Functions

- virtual YMGA_CBTable ∗ **createCBTable** (YWidget ∗parent, YTableHeader ∗header_disown, YCBTableMode mode=YCBTableCheckBoxOnFirstColumn)
- virtual YMGAMenuBar ∗ **createMenuBar** (YWidget ∗parent)

Protected Member Functions

- YMGAQWidgetFactory ()

  Constructor.
- virtual ∼YMGAQWidgetFactory ()

  Destructor.

Friends

- class **YQWE**

3.7.1 Detailed Description

Concrete widget factory for mandatory widgets.

Definition at line 40 of file YMGAQWidgetFactory.h.

3.7.2 Constructor & Destructor Documentation

3.7.2.1 YMGAQWidgetFactory()

```
YMGAQWidgetFactory::YMGAQWidgetFactory ( )  [protected]
```

Constructor.

Use YUI::widgetFactory() to get the singleton for this class.

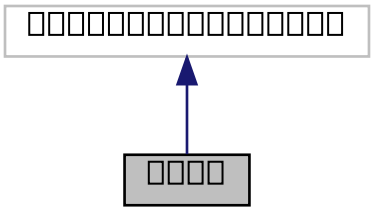
Definition at line 44 of file YMGAQWidgetFactory.cc.

The documentation for this class was generated from the following files:

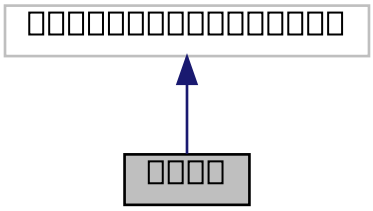
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGAQWidgetFactory.h
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YMGAQWidgetFactory.cc

3.8 YQWE Class Reference

Inheritance diagram for YQWE:



Collaboration diagram for YQWE:



Public Member Functions

- **YQWE** (const std::string &name)

Protected Member Functions

- virtual YExternalWidgetFactory * **createExternalWidgetFactory** ()

3.8.1 Detailed Description

Definition at line 29 of file YQWE.h.

The documentation for this class was generated from the following files:

- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YQWE.h
- /usr/src/RPM/BUILD/libyui-mga-qt-1.1.0/src/YQWE.cc

Index

addAction
    YMGAQMenuBar, 16
addItem
    YMGA_QCBTable, 9
    YMGAQMenuBar, 17
addItems
    YMGA_QCBTable, 9
addSubMenu
    YMGAQMenuBar, 17

cellChanged
    YMGA_QCBTable, 9
checkItem
    YMGA_QCBTable, 10

deleteAllItems
    YMGA_QCBTable, 10
    YMGAQMenuBar, 17
deselectAllItems
    YMGA_QCBTable, 11

enableItem
    YMGAQMenuBar, 18

hideItem
    YMGAQMenuBar, 18

preferredHeight
    YMGA_QCBTable, 11
    YMGAQMenuBar, 18
preferredWidth
    YMGA_QCBTable, 11
    YMGAQMenuBar, 18

QItemAction, 6

selectItem
    YMGA_QCBTable, 11
setEnabled
    YMGA_QCBTable, 12
setKeepSorting
    YMGA_QCBTable, 12
setKeyboardFocus
    YMGA_QCBTable, 12
setSize
    YMGA_QCBTable, 13
    YMGAQMenuBar, 19

slotContextMenu
    YMGA_QCBTable, 13

YMGA_QCBTable, 7
    addItem, 9
    addItems, 9
    cellChanged, 9
    checkItem, 10
    deleteAllItems, 10
    deselectAllItems, 11
    preferredHeight, 11
    preferredWidth, 11
    selectItem, 11
    setEnabled, 12
    setKeepSorting, 12
    setKeyboardFocus, 12
    setSize, 13
    slotContextMenu, 13
YMGA_QCBTable::Private, 5
YMGA_QCBTableListViewItem, 14
YMGAQMenuBar, 15
    addAction, 16
    addItem, 17
    addSubMenu, 17
    deleteAllItems, 17
    enableItem, 18
    hideItem, 18
    preferredHeight, 18
    preferredWidth, 18
    setSize, 19
YMGAQMenuBar::Private, 5
YMGAQWidgetFactory, 19
    YMGAQWidgetFactory, 20
YQWE, 21