

libyui-mga-qt

1.1.0

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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	
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QFrame	
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QWidget	
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YMGA_CBTable	
YMGA_QCBTable	7
YMGAMenuBar	
YMGAQMenuBar	15
YMGAWidgetFactory	
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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
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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

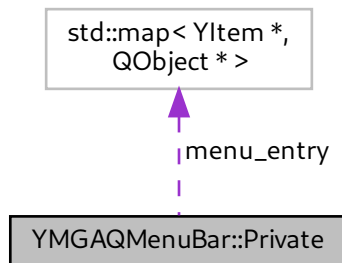
Definition at line [42](#) of file [YMGA_QCBTable.cc](#).

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

- [/home/iurt/rpmbuild/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

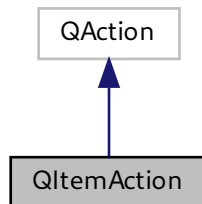
Definition at line 49 of file [YMGAQMenuBar.cc](#).

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

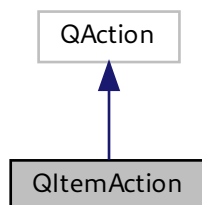
- /home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YMGAQMenuBar.cc

3.3 QAction Class Reference

Inheritance diagram for QAction:



Collaboration diagram for QItemAction:



Public Member Functions

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

3.3.1 Detailed Description

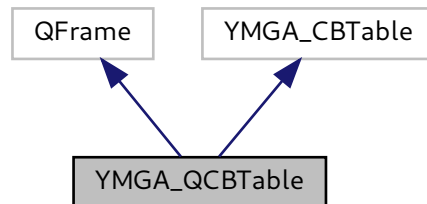
Definition at line 56 of file [YMGAQMenuBar.cc](#).

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

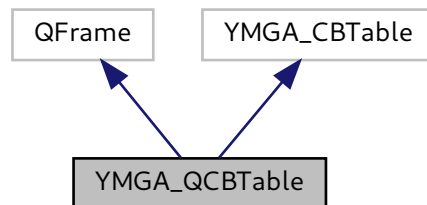
- /home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YMGAQMenuBar.cc

3.4 YMGA_QCBBTable Class Reference

Inheritance diagram for YMGA_QCBBTable:



Collaboration diagram for YMGA_QCBBTable:



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 [addItem](#)s (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()

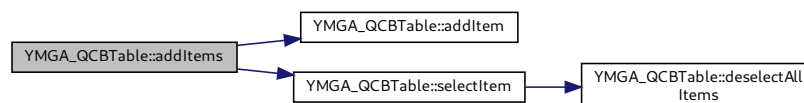
```
void YMGA_QCBTable::addItems (
    const YItemCollection & itemCollection ) [virtual]
```

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]
```

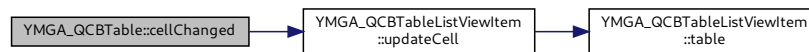
Notification that a cell (its text and/or its icon) was changed from the outside.

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()

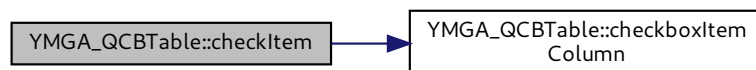
```
void YMGA_QCBTable::checkItem (
    YItem * item,
    bool checked = true )
```

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()

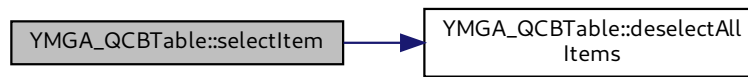
```
void YMGA_QCBTable::selectItem (
    YItem * item,
    bool selected = true ) [virtual]
```

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:

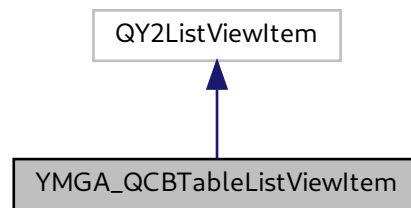
- [/home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YMGA_QCBTable.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YMGA_QCBTable.cc](#)

3.5 YMGA_QCBBTableListViewItem Class Reference

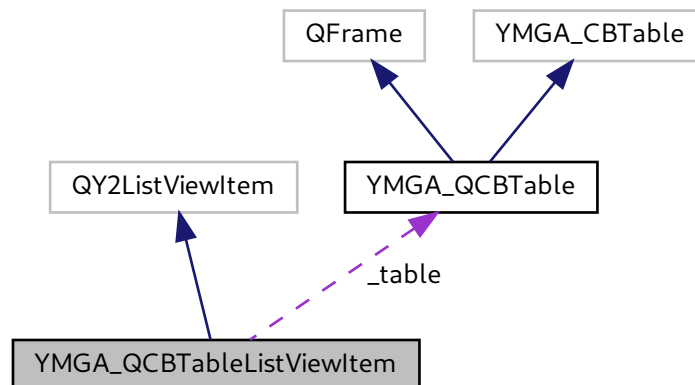
Visual representation of a YCBBTableItem.

```
#include <YMGA_QCBBTable.h>
```

Inheritance diagram for YMGA_QCBBTableListViewItem:



Collaboration diagram for YMGA_QCBBTableListViewItem:



Public Member Functions

- [YMGA_QCBBTableListViewItem](#) ([YMGA_QCBBTable](#) *[table](#), QY2ListView *[parent](#), YCBBTableItem *[origItem](#))
Constructor.
- [YMGA_QCBBTable](#) * [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.

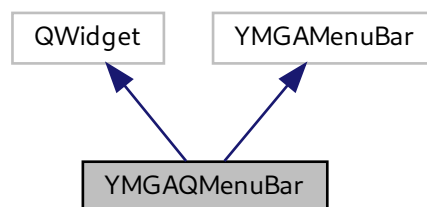
Definition at line 212 of file [YMGA_QCBTable.h](#).

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

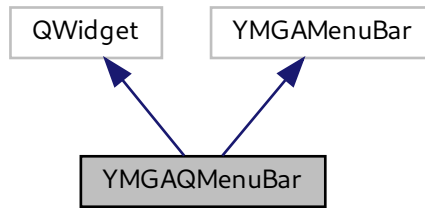
- /home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YMGA_QCBTable.h
- /home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YMGA_QCBTable.cc

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 addItem()

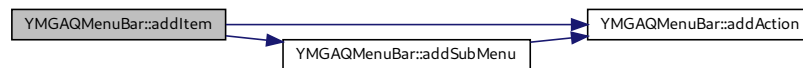
```
void YMGAQMenuBar::addItem (
    YItem * item ) [virtual]
```

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:



3.6.2.2 deleteAllItems()

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

Delete all items.

Reimplemented from YSelectionWidget

Definition at line 287 of file [YMGAQMenuBar.cc](#).

3.6.2.3 enableItem()

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

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

Reimplemented from YMGAQMenuBar.

Definition at line [235](#) of file [YMGAQMenuBar.cc](#).

3.6.2.4 hideItem()

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

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

Reimplemented from YMGAQMenuBar.

Definition at line [258](#) of file [YMGAQMenuBar.cc](#).

3.6.2.5 preferredHeight()

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

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line [221](#) of file [YMGAQMenuBar.cc](#).

3.6.2.6 preferredWidth()

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

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line [212](#) of file [YMGAQMenuBar.cc](#).

3.6.2.7 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:

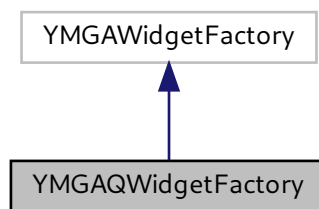
- [/home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YMGAQMenuBar.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YMGAQMenuBar.cc](#)

3.7 YMGAQWidgetFactory Class Reference

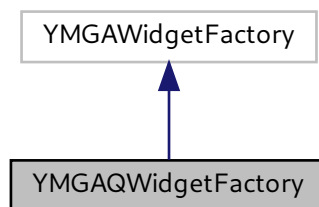
Concrete widget factory for mandatory widgets.

```
#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.

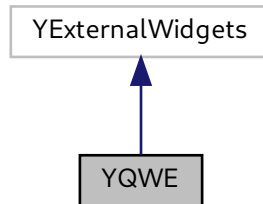
Definition at line 44 of file [YMGAQWidgetFactory.cc](#).

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

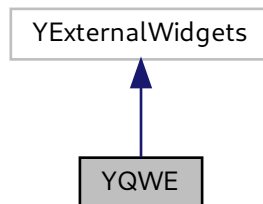
- /home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YMGAQWidgetFactory.h
- /home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YMGAQWidgetFactory.cc

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:

- /home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YQWE.h
- /home/iurt/rpmbuild/BUILD/libyui-mga-qt-1.1.0/src/YQWE.cc

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