

libyui-mga-qt  
1.0.5

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# Chapter 1

## Hierarchical Index

### 1.1 Class Hierarchy

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

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QFrame	
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## Chapter 2

# Class Index

### 2.1 Class List

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

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<a href="#">YMGA_QCBTable</a> . . . . .	5
<a href="#">YMGA_QCBTableListViewItem</a> Visual representation of a YCBTableItem . . . . .	12
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## Chapter 3

# Class Documentation

### 3.1 YMGA\_QCBBTable::Private Struct Reference

#### Public Attributes

- unsigned int [firstColumnOffset](#)  
*< offset to first YCell usually 1 if checkbox Enabled and mode is YCBBTableCheckBoxOnFirstColumn 0 otherwise*

#### 3.1.1 Detailed Description

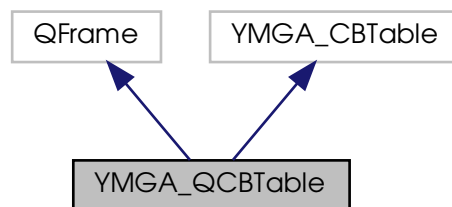
Definition at line [42](#) of file [YMGA\\_QCBBTable.cc](#).

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

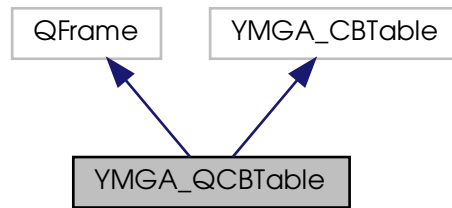
- [/usr/src/RPM/BUILD/libyui-mga-qt-1.0.5/src/YMGA\\_QCBBTable.cc](#)

### 3.2 YMGA\_QCBBTable Class Reference

Inheritance diagram for YMGA\_QCBBTable:



Collaboration diagram for YMGA\_QCBBTable:



## Classes

- struct [Private](#)

## Public Member Functions

- [YMGA\\_QCBBTable](#) (YWidget \*parent, YTableHeader \*header, YCBTableMode checkBoxMode)  
*Constructor.*
- virtual [~YMGA\\_QCBBTable](#) ()  
*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](#)

#### 3.2.1 Detailed Description

Definition at line 38 of file [YMGA\\_QCBTable.h](#).

#### 3.2.2 Member Function Documentation

### 3.2.2.1 addItem()

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

Add an item.

Reimplemented from YSelectionWidget.

Definition at line 143 of file [YMGA\\_QCBTable.cc](#).

### 3.2.2.2 addItem()

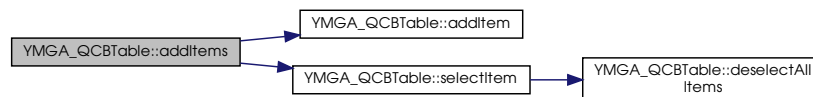
```
void YMGA_QCBTable::addItem (
    const YItemCollection & itemCollection ) [virtual]
```

Add multiple items.

Reimplemented for efficiency from YSelectionWidget.

Definition at line 207 of file [YMGA\\_QCBTable.cc](#).

Here is the call graph for this function:



### 3.2.2.3 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 291 of file [YMGA\\_QCBTable.cc](#).

Here is the call graph for this function:



#### 3.2.2.4 checkItem()

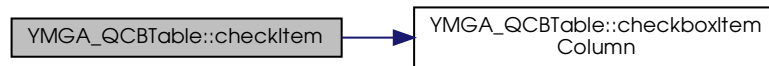
```
void YMGA_QCBTable::checkItem (
    YItem * item,
    bool checked = true )
```

check/uncheck Item from application.

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

Definition at line 257 of file [YMGA\\_QCBTable.cc](#).

Here is the call graph for this function:



#### 3.2.2.5 deleteAllItems()

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

Delete all items.

Reimplemented from `YSelectionWidget`.

Definition at line 283 of file [YMGA\\_QCBTable.cc](#).

#### 3.2.2.6 deselectAllItems()

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

Deselect all items.

Reimplemented from `YSelectionWidget`.

Definition at line 273 of file [YMGA\\_QCBTable.cc](#).

### 3.2.2.7 preferredHeight()

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

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 399 of file [YMGA\\_QCBTable.cc](#).

### 3.2.2.8 preferredWidth()

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

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 389 of file [YMGA\\_QCBTable.cc](#).

### 3.2.2.9 selectItem()

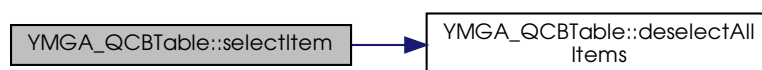
```
void YMGA_QCBTable::selectItem (
    YItem * item,
    bool selected = true ) [virtual]
```

Select or deselect an item.

Reimplemented from YSelectionWidget.

Definition at line 233 of file [YMGA\\_QCBTable.cc](#).

Here is the call graph for this function:



#### 3.2.2.10 `setEnabled()`

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

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 379 of file [YMGA\\_QCBTable.cc](#).

#### 3.2.2.11 `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 134 of file [YMGA\\_QCBTable.cc](#).

#### 3.2.2.12 `setKeyboardFocus()`

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

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 416 of file [YMGA\\_QCBTable.cc](#).

#### 3.2.2.13 `setSize()`

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

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 409 of file [YMGA\\_QCBTable.cc](#).

### 3.2.2.14 slotContextMenu

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

Propagate a context menu selection.

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

Definition at line [425](#) of file [YMGA\\_QCTable.cc](#).

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

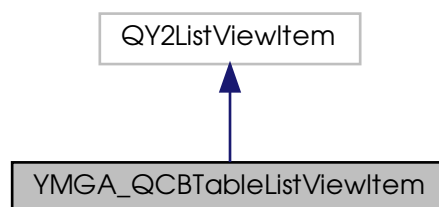
- /usr/src/RPM/BUILD/libyui-mga-qt-1.0.5/src/YMGA\_QCTable.h
- /usr/src/RPM/BUILD/libyui-mga-qt-1.0.5/src/YMGA\_QCTable.cc

## 3.3 YMGA\_QCTableListViewItem Class Reference

Visual representation of a YCTableItem.

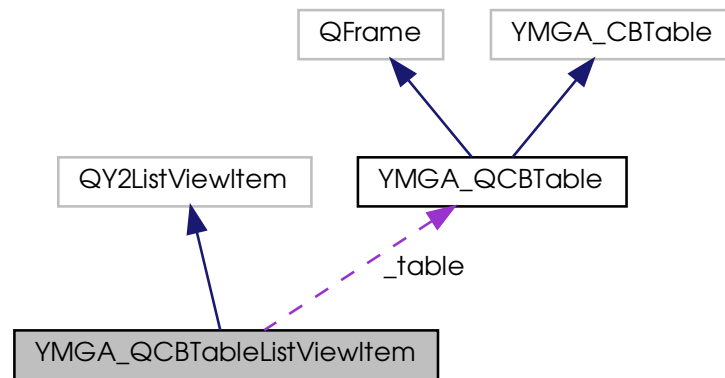
```
#include <YMGA_QCTable.h>
```

Inheritance diagram for YMGA\_QCTableListViewItem:





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.*
- YCBBTableItem \* *origItem* () const  
*Return the corresponding YCBBTableItem.*
- void [updateCell](#) (const YTableCell \*cell)  
*Update this item's display with the content of 'cell'.*

## Protected Attributes

- [YMGA\\_QCBBTable](#) \* *\_table*
- YCBBTableItem \* *\_origItem*

### 3.3.1 Detailed Description

Visual representation of a YCBBTableItem.

Definition at line 212 of file [YMGA\\_QCBBTable.h](#).

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

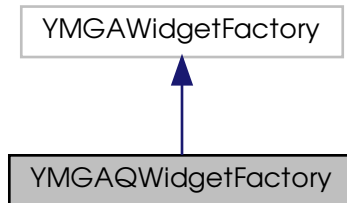
- /usr/src/RPM/BUILD/libyui-mga-qt-1.0.5/src/YMGA\_QCBBTable.h
- /usr/src/RPM/BUILD/libyui-mga-qt-1.0.5/src/YMGA\_QCBBTable.cc

### 3.4 YMGAQWidgetFactory Class Reference

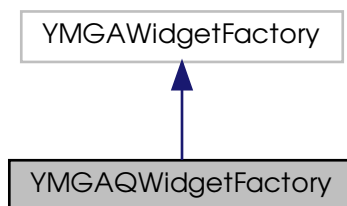
Concrete widget factory for mandatory widgets.

```
#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)

#### Protected Member Functions

- [YMGAQWidgetFactory \(\)](#)  
*Constructor.*
- virtual [~YMGAQWidgetFactory \(\)](#)  
*Destructor.*

## Friends

- class **YQWE**

### 3.4.1 Detailed Description

Concrete widget factory for mandatory widgets.

Definition at line 40 of file [YMGAQWidgetFactory.h](#).

### 3.4.2 Constructor & Destructor Documentation

#### 3.4.2.1 YMGAQWidgetFactory()

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

Constructor.

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

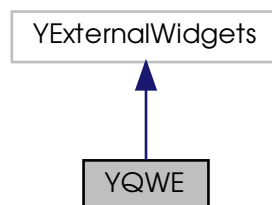
Definition at line 43 of file [YMGAQWidgetFactory.cc](#).

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

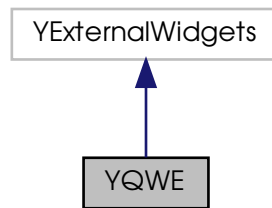
- `/usr/src/RPM/BUILD/libyui-mga-qt-1.0.5/src/YMGAQWidgetFactory.h`
- `/usr/src/RPM/BUILD/libyui-mga-qt-1.0.5/src/YMGAQWidgetFactory.cc`

## 3.5 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** ()

#### 3.5.1 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-1.0.5/src/YQWE.h
- /usr/src/RPM/BUILD/libyui-mga-qt-1.0.5/src/YQWE.cc

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