

libyui-mga-ncurses

1.1.0

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1 Hierarchical Index	1
1.1 Class Hierarchy	1
2 Class Index	3
2.1 Class List	3
3 Class Documentation	5
3.1 __MBarItem Struct Reference	5
3.1.1 Detailed Description	5
3.2 NCMMenu Class Reference	5
3.2.1 Detailed Description	7
3.3 NCMMenuItem Class Reference	7
3.3.1 Detailed Description	8
3.4 NCMGAPopupMenu Class Reference	8
3.4.1 Detailed Description	9
3.5 NCMGAPopupMenu::Private Struct Reference	9
3.5.1 Detailed Description	10
3.6 YMGANCMMenuBar::Private Struct Reference	10
3.6.1 Detailed Description	11
3.7 YMGA_NCCBTable Class Reference	11
3.7.1 Detailed Description	13
3.8 YMGANCMMenuBar Class Reference	13
3.8.1 Detailed Description	14
3.8.2 Member Function Documentation	14
3.8.2.1 addItem()	15
3.8.2.2 addItem()	15
3.8.2.3 deleteAllItems()	15
3.8.2.4 enableItem()	15
3.8.2.5 hideItem()	16
3.9 YMGANCWidgetFactory Class Reference	16
3.9.1 Detailed Description	17
3.9.2 Constructor & Destructor Documentation	17
3.9.2.1 YMGANCWidgetFactory()	17
3.10 YNCWE Class Reference	18
3.10.1 Detailed Description	18
Index	19

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

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

__MItem	5
NCPadWidget	
NCMenu	5
YMGA_NCCBTable	11
NCPopup	
NCMGAPopupMenu	8
NCTableLine	
NCMenuItem	7
NCWidget	
YMGANCMenubar	13
NCMGAPopupMenu::Private	9
YMGANCMenubar::Private	10
YExternalWidgets	
YNCWE	18
YMGA_CBTable	
YMGA_NCCBTable	11
YMGAMenubar	
YMGANCMenubar	13
YMGAWidgetFactory	
YMGANCWWidgetFactory	16
YTree	
NCMenu	5

Chapter 2

Class Index

2.1 Class List

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

__MBarItem	5
NCMenu	5
NCMenuItem	7
NCMGAPopupMenu	8
NCMGAPopupMenu::Private	9
YMGANCMenubar::Private	10
YMGA_NCCBTable	11
YMGANCMenubar	13
YMGANCWidgetFactory	
Concrete widget factory for mandatory widgets	16
YNCWE	18

Chapter 3

Class Documentation

3.1 __MBarItem Struct Reference

Public Attributes

- YItem * **item**
- wchar_t **hotkey**
- wpos **pos**

3.1.1 Detailed Description

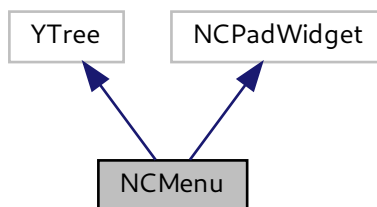
Definition at line 39 of file [YMGANCMenubar.cc](#).

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

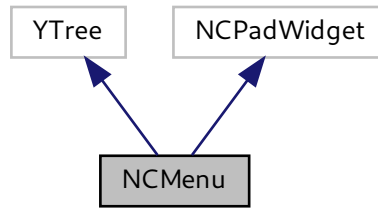
- /home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/YMGANCMenubar.cc

3.2 NCMenue Class Reference

Inheritance diagram for NCMenue:



Collaboration diagram for NCMMenu:



Public Member Functions

- **NCMenu** (YWidget *parent)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- bool **HasHotkey** (int key)
- NCursesEvent **wHandleHotkey** (wint_t key)
- virtual void **rebuildTree** ()
- virtual YMenuitem * **getCurrentItem** () const
- virtual YMenuitem * **currentItem** ()
- virtual void **deselectAllItems** ()
- virtual void **selectItem** (YItem *item, bool selected)
- virtual void **selectItem** (int index)
- virtual NCursesEvent **wHandleInput** (wint_t key)
- virtual void **setEnabled** (bool do_bv)
- virtual bool **setKeyboardFocus** ()
- void **deleteAllItems** ()

Protected Member Functions

- virtual NCTreePad * **myPad** () const
- const [NCMenuLine](#) * **getTreeLine** (unsigned idx) const
- [NCMenuLine](#) * **modifyTreeLine** (unsigned idx)
- virtual const char * **location** () const
- virtual NCPad * **CreatePad** ()
- virtual void **DrawPad** ()
- virtual void **startMultipleChanges** ()
- virtual void **doneMultipleChanges** ()
- virtual void **activate** ()

Friends

- `std::ostream & operator<< (std::ostream &str, const NCMenu &obj)`

3.2.1 Detailed Description

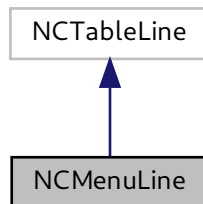
Definition at line 41 of file [NCMenu.h](#).

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

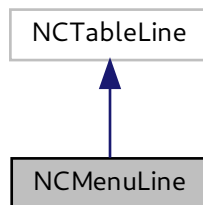
- `/home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/NCMenu.h`
- `/home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/NCMenu.cc`

3.3 NCMenuLine Class Reference

Inheritance diagram for NCMenuLine:



Collaboration diagram for NCMenuLine:



Public Member Functions

- **NCMenuLine** (YMenuitem *item)
- YMenuitem * **YItem** () const
- virtual void **DrawAt** (NCursesWindow &w, const wrect at, NCTableStyle &tableStyle, bool active) const

3.3.1 Detailed Description

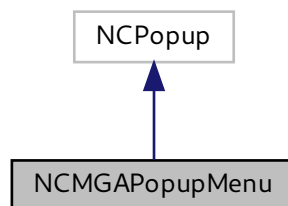
Definition at line 37 of file [NCMenu.cc](#).

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

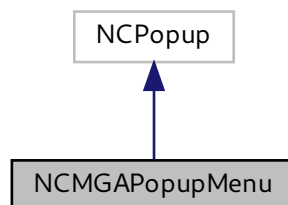
- /home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/NCMenu.cc

3.4 NCMGAPopupMenu Class Reference

Inheritance diagram for NCMGAPopupMenu:



Collaboration diagram for NCMGAPopupMenu:



Classes

- struct [Private](#)

Public Member Functions

- **NCMGAPopupMenu** (const wpos &at, YItemIterator begin, YItemIterator end)

Protected Member Functions

- virtual NCursesEvent **wHandleInput** (wint_t ch)
- virtual bool **postAgain** ()
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- bool **HasHotkey** (int key)
- NCursesEvent **wHandleHotkey** (wint_t key)

3.4.1 Detailed Description

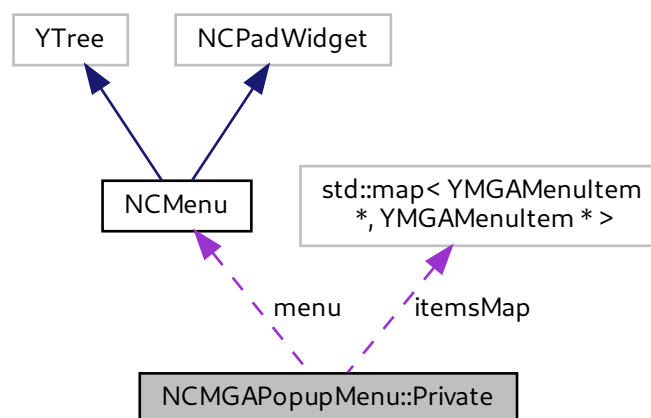
Definition at line 36 of file [NCMGAPopupMenu.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/NCMGAPopupMenu.h
- /home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/NCMGAPopupMenu.cc

3.5 NCMGAPopupMenu::Private Struct Reference

Collaboration diagram for NCMGAPopupMenu::Private:



Public Attributes

- [NCMenu](#) * **menu**
- unsigned **maxlen**
- wpos **pos**
- bool **selected**
- `std::map< YMGAMenuItem *, YMGAMenuItem * >` **itemsMap**

3.5.1 Detailed Description

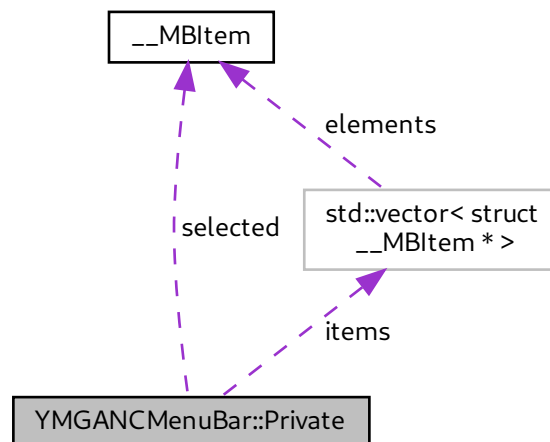
Definition at line 34 of file [NCMGAPopupMenu.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/NCMGAPopupMenu.cc`

3.6 YMGANCMenuBar::Private Struct Reference

Collaboration diagram for YMGANCMenuBar::Private:



Public Member Functions

- [__MBItem](#) * **getNext** ()
- [__MBItem](#) * **getPrevious** ()

Public Attributes

- `std::vector< struct __MBItem * > items`
- `__MBItem * selected`
- unsigned `nextSerialNo`

3.6.1 Detailed Description

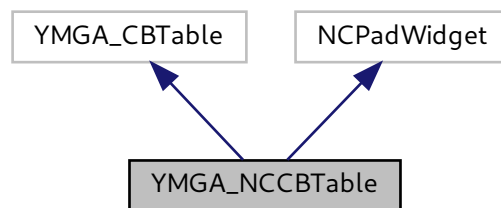
Definition at line 46 of file [YMGANCMenubar.cc](#).

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

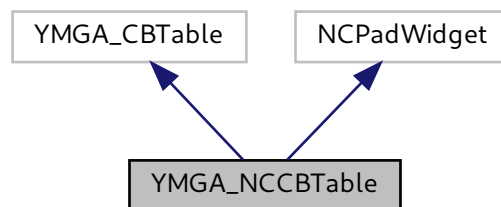
- `/home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/YMGANCMenubar.cc`

3.7 YMGA_NCCBTable Class Reference

Inheritance diagram for YMGA_NCCBTable:



Collaboration diagram for YMGA_NCCBTable:



Public Member Functions

- **YMGA_NCCBTable** (YWidget *parent, YTableHeader *tableHeader, YCBTableMode mode=YCBTableMode::↵ YCBTableCheckBoxOnFirstColumn)
- bool **bigList** () const
- void **setHeader** (std::vector< std::string > head)
- void **getHeader** (std::vector< std::string > &head)
- virtual void **setAlignment** (int col, YAlignmentType al)
- void **setBigList** (const bool big)
- void **SetSepChar** (const ctype colSepchar)
- void **SetSepWidth** (const unsigned sepwidth)
- void **SetHotCol** (const int hcol)
- virtual void **addItem** (YItem *yitem)
- virtual void **addItems** (const YItemCollection &itemCollection)
- virtual void **deleteAllItems** ()
- virtual int **getCurrentItem** ()
- YItem * **getCurrentItemPointer** ()
- virtual void **setCurrentItem** (int index)
- virtual void **selectItem** (YItem *yitem, bool selected)
- void **selectCurrentItem** ()
- virtual void **deselectAllItems** ()
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **setEnabled** (bool do_bv)
- bool **setItemByKey** (int key)
- virtual NCursesEvent **wHandleInput** (wint_t key)
- virtual bool **setKeyboardFocus** ()
- void **stripHotkeys** ()
- void **setSortStrategy** (NCTableSortStrategyBase *newStrategy)
- void **checkItem** (YItem *yitem, bool checked=true)

Protected Member Functions

- virtual NCTablePad * **myPad** () const
Overload myPad to narrow the type.
- virtual const char * **location** () const
- virtual NCPad * **CreatePad** ()
- virtual void **cellChanged** (int index, int colnum, const std::string &newtext)
- virtual void **cellChanged** (const YTableCell *cell)
- virtual void **startMultipleChanges** ()
- virtual void **doneMultipleChanges** ()
- virtual void **addItem** (YItem *yitem, bool allAtOnce)
- void **toggleCurrentItem** ()
Toggle item from selected -> deselected and vice versa.

Protected Attributes

- bool **biglist**

Friends

- `std::ostream & operator<< (std::ostream &STREAM, const YMGA_NCCBTable &OBJ)`

3.7.1 Detailed Description

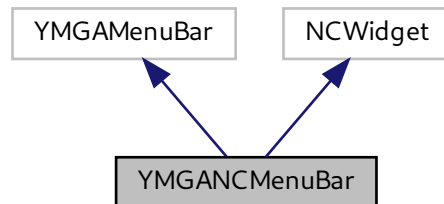
Definition at line 34 of file [YMGA_NCCBTable.h](#).

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

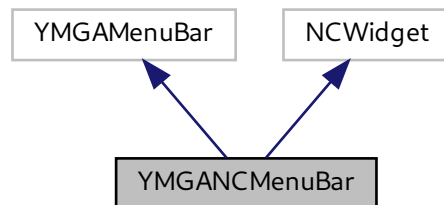
- `/home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/YMGA_NCCBTable.h`
- `/home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/YMGA_NCCBTable.cc`

3.8 YMGANCMenubar Class Reference

Inheritance diagram for YMGANCMenubar:



Collaboration diagram for YMGANCMenubar:



Classes

- struct [Private](#)

Public Member Functions

- **YMGANCMenuBar** (YWidget *parent)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual NCursesEvent **wHandleHotkey** (wint_t key)
- virtual NCursesEvent **wHandleInput** (wint_t key)
- virtual bool **setKeyboardFocus** ()
- virtual void **setEnabled** (bool do_bv)
- virtual void [addItem](#) (YItem *item)
Add an YMenuItem first item represents the menu name, other sub items menu entries.
- virtual void [addItem](#) (const YItemCollection &itemCollection)
Add multiple items.
- virtual bool [HasHotkey](#) (int key)
Reimplemnted to check all the hotkeys from YMenuItems.
- 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 const char * **location** () const
- virtual void **wRedraw** ()
- NCursesEvent **postMenu** ()

Friends

- std::ostream & **operator<<** (std::ostream &str, const [YMGANCMenuBar](#) &obj)

3.8.1 Detailed Description

Definition at line 33 of file [YMGANCMenuBar.h](#).

3.8.2 Member Function Documentation

3.8.2.1 addItem()

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

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

Reimplemented from YSelectionWidget.

Definition at line 244 of file [YMGANCMenubar.cc](#).

3.8.2.2 addItem()

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

Add multiple items.

For some UIs, this can be more efficient than calling [addItem\(\)](#) multiple times.

Reimplemented from YSelectionWidget.

Definition at line 269 of file [YMGANCMenubar.cc](#).

3.8.2.3 deleteAllItems()

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

Delete all items.

Reimplemented from YSelectionWidget

Definition at line 473 of file [YMGANCMenubar.cc](#).

3.8.2.4 enableItem()

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

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

Reimplemented from YMGAMenubar.

Definition at line 463 of file [YMGANCMenubar.cc](#).

3.8.2.5 hideItem()

```
void YMGANCMenuBar::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 468 of file [YMGANCMenuBar.cc](#).

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

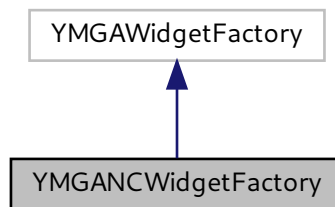
- /home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/YMGANCMenuBar.h
- /home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/YMGANCMenuBar.cc

3.9 YMGANCWidgetFactory Class Reference

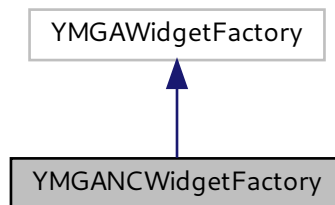
Concrete widget factory for mandatory widgets.

```
#include <YMGANCWidgetFactory.h>
```

Inheritance diagram for YMGANCWidgetFactory:



Collaboration diagram for YMGANCWidgetFactory:



Public Member Functions

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

Protected Member Functions

- [YMGANCWidgetFactory](#) ()
Constructor.
- virtual [~YMGANCWidgetFactory](#) ()
Destructor.

Friends

- class **YNCWE**

3.9.1 Detailed Description

Concrete widget factory for mandatory widgets.

Definition at line 39 of file [YMGANCWidgetFactory.h](#).

3.9.2 Constructor & Destructor Documentation

3.9.2.1 YMGANCWidgetFactory()

```
YMGANCWidgetFactory::YMGANCWidgetFactory ( ) [protected]
```

Constructor.

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

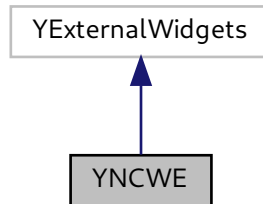
Definition at line 41 of file [YMGANCWidgetFactory.cc](#).

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

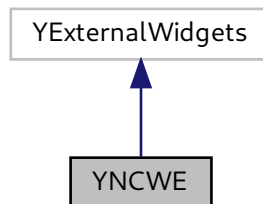
- /home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/YMGANCWidgetFactory.h
- /home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/YMGANCWidgetFactory.cc

3.10 YNCWE Class Reference

Inheritance diagram for YNCWE:



Collaboration diagram for YNCWE:



Public Member Functions

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

Protected Member Functions

- virtual YExternalWidgetFactory * **createExternalWidgetFactory** ()

3.10.1 Detailed Description

Definition at line 28 of file [YNCWE.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/YNCWE.h
- /home/iurt/rpmbuild/BUILD/libyui-mga-ncurses-1.1.0/src/YNCWE.cc

Index

- [__MBItem](#), [5](#)
- [addItem](#)
 - [YMGANCMenubar](#), [14](#)
- [addItems](#)
 - [YMGANCMenubar](#), [15](#)
- [deleteAllItems](#)
 - [YMGANCMenubar](#), [15](#)
- [enableItem](#)
 - [YMGANCMenubar](#), [15](#)
- [hideItem](#)
 - [YMGANCMenubar](#), [15](#)
- [NCMenu](#), [5](#)
- [NCMenuItem](#), [7](#)
- [NCMenuPopupMenu](#), [8](#)
- [NCMenuPopupMenu::Private](#), [9](#)
- [YMGA_NCCBTable](#), [11](#)
- [YMGANCMenubar](#), [13](#)
 - [addItem](#), [14](#)
 - [addItems](#), [15](#)
 - [deleteAllItems](#), [15](#)
 - [enableItem](#), [15](#)
 - [hideItem](#), [15](#)
- [YMGANCMenubar::Private](#), [10](#)
- [YMGANCMenubarFactory](#), [16](#)
 - [YMGANCMenubarFactory](#), [17](#)
- [YNCWE](#), [18](#)