

libyui-ncurses

2.47.6

Generated by Doxygen 1.8.12

Contents

1	Hierarchical Index	1
1.1	Class Hierarchy	1
2	Class Index	5
2.1	Class List	5
3	Class Documentation	9
3.1	NCStyleDef::Aset Struct Reference	9
3.1.1	Detailed Description	9
3.2	NCStyleDef::lookupIdx Struct Reference	9
3.2.1	Detailed Description	10
3.3	NCAAlignment Class Reference	10
3.3.1	Detailed Description	11
3.3.2	Member Function Documentation	11
3.3.2.1	setEnabled()	11
3.4	NCAApplication Class Reference	11
3.4.1	Detailed Description	13
3.4.2	Constructor & Destructor Documentation	13
3.4.2.1	NCAApplication()	13
3.4.3	Member Function Documentation	13
3.4.3.1	askForExistingDirectory()	13
3.4.3.2	askForExistingFile()	14

3.4.3.3	askForSaveFileName()	14
3.4.3.4	beep()	14
3.4.3.5	initConsoleKeyboard()	15
3.4.3.6	openUI()	15
3.4.3.7	redrawScreen()	15
3.4.3.8	runInTerminal()	15
3.4.3.9	setApplicationTitle()	16
3.4.3.10	setConsoleFont()	16
3.4.3.11	setLanguage()	16
3.5	NCAskForExistingDirectory Class Reference	17
3.5.1	Detailed Description	17
3.6	NCAskForExistingFile Class Reference	18
3.6.1	Detailed Description	18
3.7	NCAskForFile Class Reference	19
3.7.1	Detailed Description	20
3.8	NCAskForSaveFileName Class Reference	20
3.8.1	Detailed Description	20
3.9	NCAttribute Struct Reference	21
3.9.1	Detailed Description	22
3.10	NCAttrset Class Reference	22
3.10.1	Detailed Description	23
3.11	NCBusyIndicator Class Reference	23
3.11.1	Detailed Description	24
3.11.2	Member Function Documentation	24
3.11.2.1	setEnabled()	24
3.12	NCButtonBox Class Reference	24
3.12.1	Detailed Description	25
3.12.2	Member Function Documentation	25

3.12.2.1	setEnabled()	25
3.13	NCCheckBox Class Reference	26
3.13.1	Detailed Description	26
3.13.2	Member Function Documentation	27
3.13.2.1	setEnabled()	27
3.14	NCCheckBoxFrame Class Reference	27
3.14.1	Detailed Description	28
3.14.2	Member Function Documentation	28
3.14.2.1	setEnabled()	28
3.15	NCComboBox Class Reference	28
3.15.1	Detailed Description	29
3.15.2	Member Function Documentation	30
3.15.2.1	setEnabled()	30
3.16	NCDateField Class Reference	30
3.16.1	Detailed Description	31
3.16.2	Member Function Documentation	31
3.16.2.1	setEnabled()	31
3.17	NCDialog Class Reference	31
3.17.1	Detailed Description	33
3.17.2	Member Function Documentation	33
3.17.2.1	activate()	33
3.17.2.2	openInternal()	33
3.17.2.3	pollEventInternal()	34
3.17.2.4	setEnabled()	34
3.17.2.5	waitForEventInternal()	34
3.18	NCDirectoryTable Class Reference	35
3.18.1	Detailed Description	35
3.18.2	Member Function Documentation	35

3.18.2.1	fillList()	35
3.19	NCDumbTab Class Reference	36
3.19.1	Detailed Description	37
3.19.2	Member Function Documentation	37
3.19.2.1	setEnabled()	37
3.20	NCEmpty Class Reference	37
3.20.1	Detailed Description	38
3.20.2	Member Function Documentation	38
3.20.2.1	setEnabled()	38
3.21	NCFileInfo Struct Reference	38
3.21.1	Detailed Description	39
3.21.2	Constructor & Destructor Documentation	39
3.21.2.1	NCFileInfo()	39
3.22	NCFileSelection Class Reference	40
3.22.1	Detailed Description	41
3.22.2	Member Function Documentation	41
3.22.2.1	getFileInfo()	41
3.23	NCFileSelectionTag Class Reference	42
3.23.1	Detailed Description	42
3.24	NCFileTable Class Reference	42
3.24.1	Detailed Description	43
3.25	NCFrame Class Reference	43
3.25.1	Detailed Description	44
3.25.2	Member Function Documentation	44
3.25.2.1	setEnabled()	44
3.26	NCImage Class Reference	44
3.26.1	Detailed Description	45
3.26.2	Member Function Documentation	45

3.26.2.1	setEnabled()	45
3.27	NCIntegerField Class Reference	46
3.27.1	Detailed Description	47
3.27.2	Member Function Documentation	47
3.27.2.1	setEnabled()	47
3.28	NCInputTextBase Class Reference	47
3.28.1	Detailed Description	48
3.28.2	Member Function Documentation	49
3.28.2.1	setEnabled()	49
3.29	NCIntField Class Reference	49
3.29.1	Detailed Description	50
3.29.2	Member Function Documentation	50
3.29.2.1	setEnabled()	50
3.30	NCLabel Class Reference	51
3.30.1	Detailed Description	51
3.30.2	Member Function Documentation	52
3.30.2.1	setEnabled()	52
3.31	NCLabel Class Reference	52
3.31.1	Detailed Description	53
3.32	NCLayoutBox Class Reference	53
3.32.1	Detailed Description	54
3.32.2	Member Function Documentation	54
3.32.2.1	setEnabled()	54
3.33	NCLogView Class Reference	55
3.33.1	Detailed Description	55
3.33.2	Member Function Documentation	56
3.33.2.1	setEnabled()	56
3.34	NCMenuButton Class Reference	56

3.34.1 Detailed Description	57
3.34.2 Member Function Documentation	57
3.34.2.1 setEnabled()	57
3.35 NCMultiLineEdit Class Reference	57
3.35.1 Detailed Description	58
3.35.2 Member Function Documentation	58
3.35.2.1 setEnabled()	58
3.36 NCMultiSelectionBox Class Reference	59
3.36.1 Detailed Description	60
3.36.2 Member Function Documentation	60
3.36.2.1 setEnabled()	60
3.37 NCOptionalWidgetFactory Class Reference	60
3.37.1 Detailed Description	61
3.37.2 Constructor & Destructor Documentation	61
3.37.2.1 NCOptionalWidgetFactory()	61
3.38 NCPackageSelectorPluginIf Class Reference	62
3.38.1 Detailed Description	62
3.39 NCPackageSelectorPluginStub Class Reference	62
3.39.1 Detailed Description	63
3.39.2 Constructor & Destructor Documentation	63
3.39.2.1 ~NCPackageSelectorPluginStub()	63
3.39.3 Member Function Documentation	63
3.39.3.1 createPackageSelector()	63
3.40 NCPad Class Reference	63
3.40.1 Detailed Description	64
3.40.2 Member Function Documentation	65
3.40.2.1 directDraw()	65
3.40.2.2 pageing()	65

3.40.2.3	vheight()	65
3.41	NCPadWidget Class Reference	66
3.41.1	Detailed Description	67
3.41.2	Member Function Documentation	67
3.41.2.1	myPad()	67
3.41.2.2	setEnabled()	67
3.42	NCPopup Class Reference	68
3.42.1	Detailed Description	68
3.43	NCPopupInfo Class Reference	69
3.43.1	Detailed Description	69
3.44	NCPopupList Class Reference	70
3.44.1	Detailed Description	70
3.45	NCPopupMenu Class Reference	71
3.45.1	Detailed Description	71
3.46	NCPopupTable Class Reference	72
3.46.1	Detailed Description	72
3.47	NCPopupTextEntry Class Reference	73
3.47.1	Detailed Description	73
3.48	NCProgressbar Class Reference	73
3.48.1	Detailed Description	74
3.48.2	Member Function Documentation	74
3.48.2.1	setEnabled()	74
3.49	NCPushButton Class Reference	75
3.49.1	Detailed Description	75
3.49.2	Member Function Documentation	76
3.49.2.1	setEnabled()	76
3.50	NCRadioButton Class Reference	76
3.50.1	Detailed Description	77

3.50.2	Member Function Documentation	77
3.50.2.1	setEnabled()	77
3.51	NCRadioButtonGroup Class Reference	77
3.51.1	Detailed Description	78
3.51.2	Member Function Documentation	78
3.51.2.1	setEnabled()	78
3.52	NCReplacePoint Class Reference	79
3.52.1	Detailed Description	79
3.52.2	Member Function Documentation	80
3.52.2.1	setEnabled()	80
3.53	NCRichText Class Reference	80
3.53.1	Detailed Description	81
3.53.2	Member Function Documentation	81
3.53.2.1	setEnabled()	81
3.54	NCSchrollCB Class Reference	82
3.54.1	Detailed Description	82
3.55	NCScrollbar Class Reference	82
3.55.1	Detailed Description	83
3.56	NCScrollHint Class Reference	83
3.56.1	Detailed Description	83
3.57	NCSelectionBox Class Reference	84
3.57.1	Detailed Description	85
3.57.2	Member Function Documentation	85
3.57.2.1	setEnabled()	85
3.58	NCSpacing Class Reference	85
3.58.1	Detailed Description	86
3.58.2	Member Function Documentation	86
3.58.2.1	setEnabled()	86

3.59	NCSquash Class Reference	87
3.59.1	Detailed Description	87
3.59.2	Member Function Documentation	88
3.59.2.1	setEnabled()	88
3.60	NCstring Class Reference	88
3.60.1	Detailed Description	89
3.61	NCstyle Class Reference	89
3.61.1	Detailed Description	90
3.62	NCStyleDef Class Reference	90
3.62.1	Detailed Description	92
3.63	NCTable Class Reference	92
3.63.1	Detailed Description	93
3.63.2	Member Function Documentation	94
3.63.2.1	setEnabled()	94
3.64	NCTableCol Class Reference	94
3.64.1	Detailed Description	95
3.65	NCTableHead Class Reference	95
3.65.1	Detailed Description	95
3.66	NCTableLine Class Reference	96
3.66.1	Detailed Description	97
3.67	NCTablePad Class Reference	97
3.67.1	Detailed Description	98
3.67.2	Member Function Documentation	99
3.67.2.1	directDraw()	99
3.68	NCTableSortDefault Class Reference	99
3.68.1	Detailed Description	100
3.69	NCTableSortStrategyBase Class Reference	100
3.69.1	Detailed Description	100

3.70	NCTableStyle Class Reference	101
3.70.1	Detailed Description	101
3.71	NCTableTag Class Reference	102
3.71.1	Detailed Description	102
3.72	NCText Class Reference	102
3.72.1	Detailed Description	103
3.73	NCTextPad Class Reference	103
3.73.1	Detailed Description	104
3.74	NCTimeField Class Reference	104
3.74.1	Detailed Description	105
3.74.2	Member Function Documentation	105
3.74.2.1	setEnabled()	105
3.75	NCToY2Event Class Reference	106
3.75.1	Detailed Description	106
3.76	NCTree Class Reference	107
3.76.1	Detailed Description	108
3.76.2	Member Function Documentation	108
3.76.2.1	myPad()	108
3.76.2.2	setEnabled()	108
3.77	NCTreeLine Class Reference	109
3.77.1	Detailed Description	109
3.78	NCTreePad Class Reference	109
3.78.1	Detailed Description	110
3.79	NCurses Class Reference	111
3.79.1	Detailed Description	112
3.80	NCursesColorWindow Class Reference	112
3.80.1	Detailed Description	113
3.80.2	Constructor & Destructor Documentation	113

3.80.2.1	NCursesColorWindow() [1/2]	113
3.80.2.2	NCursesColorWindow() [2/2]	113
3.81	NCursesError Class Reference	114
3.81.1	Detailed Description	115
3.82	NCursesEvent Class Reference	115
3.82.1	Detailed Description	116
3.83	NCursesPad Class Reference	116
3.83.1	Detailed Description	117
3.83.2	Member Function Documentation	117
3.83.2.1	noutrefresh()	117
3.83.2.2	refresh() [1/2]	117
3.83.2.3	refresh() [2/2]	117
3.84	NCursesPanel Class Reference	118
3.84.1	Detailed Description	119
3.84.2	Member Function Documentation	119
3.84.2.1	above()	119
3.84.2.2	bottom()	120
3.84.2.3	hide()	120
3.84.2.4	mvwin()	120
3.84.2.5	show()	120
3.85	NCursesUserPanel< T > Class Template Reference	121
3.85.1	Detailed Description	121
3.86	NCursesWindow Class Reference	122
3.86.1	Detailed Description	128
3.86.2	Constructor & Destructor Documentation	128
3.86.2.1	NCursesWindow() [1/3]	128
3.86.2.2	NCursesWindow() [2/3]	128
3.86.2.3	NCursesWindow() [3/3]	129

3.86.3 Member Function Documentation	129
3.86.3.1 addstr()	129
3.86.3.2 addwstr()	129
3.86.3.3 border()	130
3.86.3.4 box()	130
3.86.3.5 chgat()	130
3.86.3.6 clearok()	130
3.86.3.7 getstr()	131
3.86.3.8 hline()	131
3.86.3.9 idcok()	131
3.86.3.10 idlok()	131
3.86.3.11 insdelln()	132
3.86.3.12 insstr()	132
3.86.3.13 instr()	132
3.86.3.14 maxcoord()	132
3.86.3.15 meta()	133
3.86.3.16 mvwin()	133
3.86.3.17 noutrefresh()	133
3.86.3.18 refresh()	133
3.86.3.19 ripoffline()	134
3.86.3.20 scroll()	134
3.86.3.21 vline()	134
3.87 NCWidget Class Reference	135
3.87.1 Detailed Description	137
3.87.2 Member Function Documentation	137
3.87.2.1 setEnabled()	137
3.88 NCWidgetFactory Class Reference	137
3.88.1 Detailed Description	139

3.88.2	Constructor & Destructor Documentation	139
3.88.2.1	NCWidgetFactory()	139
3.89	NCStyleDef::queryCharEnt Struct Reference	139
3.89.1	Detailed Description	139
3.90	NCStyle::StBase Struct Reference	140
3.90.1	Detailed Description	140
3.91	NCStyle::STChar Struct Reference	140
3.91.1	Detailed Description	140
3.92	NCStyle::StDialog Struct Reference	141
3.92.1	Detailed Description	141
3.93	NCStyle::StItem Struct Reference	142
3.93.1	Detailed Description	142
3.94	NCStyle::StList Struct Reference	142
3.94.1	Detailed Description	143
3.95	NCStyle::StProgbar Struct Reference	143
3.95.1	Detailed Description	143
3.96	NCStyle::StRichtext Struct Reference	143
3.96.1	Detailed Description	144
3.97	strutil::StrStr Struct Reference	144
3.97.1	Detailed Description	145
3.98	NCStyle::StWidget Struct Reference	145
3.98.1	Detailed Description	145
3.99	NCStyle::Style Class Reference	145
3.99.1	Detailed Description	146
3.100	NCStyleDef::SubWin Struct Reference	146
3.100.1	Detailed Description	147
3.101	node< n_value > Class Template Reference	147
3.101.1	Detailed Description	148

3.102NCStyleDef::Wchattr Struct Reference	149
3.102.1 Detailed Description	149
3.103NCStyleDef::Wchstat Struct Reference	150
3.103.1 Detailed Description	150
3.104NCStyleDef::Wex Struct Reference	150
3.104.1 Detailed Description	151
3.105wpair Class Reference	151
3.105.1 Detailed Description	152
3.106wpos Class Reference	152
3.106.1 Detailed Description	153
3.107wrect Class Reference	153
3.107.1 Detailed Description	154
3.108NCStyleDef::Wset Struct Reference	154
3.108.1 Detailed Description	154
3.109NCStyleDef::Wstyle Struct Reference	155
3.109.1 Detailed Description	155
3.110wsze Class Reference	155
3.110.1 Detailed Description	156
3.111YNCursesUI Class Reference	156
3.111.1 Detailed Description	157
3.111.2 Member Function Documentation	158
3.111.2.1 createOptionalWidgetFactory()	158
3.111.2.2 createWidgetFactory()	158
3.111.2.3 packageSelectorPlugin()	158
3.111.2.4 setConsoleFont()	159

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

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

NCStyleDef::Aset	9
NCStyleDef::lookupIdx	9
NCAttribute	21
NCAttrset	22
NCstyle::Style	145
NCFileInfo	38
NCPackageSelectorPluginInf	62
NCSchrollCB	82
NCPadWidget	66
NCLogView	55
NCMultiLineEdit	57
NCMultiSelectionBox	59
NCRichText	80
NCSelectionBox	84
NCTable	92
NCFileSelection	40
NCDirectoryTable	35
NCFileTable	42
NCTree	107
NCScrollHint	83
NCPad	63
NCTablePad	97
NCTextPad	103
NCTreePad	109
NCScrollbar	82
NCstring	88
NCstyle	89
NCStyleDef	90
NCTableCol	94
NCTableTag	102

NCTableLine	96
NCTableHead	95
NCTreeLine	109
NCTableSortStrategyBase	100
NCTableSortDefault	99
NCTableStyle	101
NCText	102
NCLabel	52
NCurses	111
YNCursesUI	156
NCursesError	114
NCWidget	135
NCAlignment	10
NCBusyIndicator	23
NCButtonBox	24
NCCheckBox	26
NCCheckBoxFrame	27
NCComboBox	28
NCDialog	31
NCPopup	68
NCAskForExistingDirectory	17
NCAskForFile	19
NCAskForExistingFile	18
NCAskForSaveFileName	20
NCPopupInfo	69
NCPopupTable	72
NCPopupList	70
NCPopupMenu	71
NCPopupTextEntry	73
NCDumbTab	36
NCEmpty	37
NCFrame	43
NCImage	44
NCInputField	46
NCInputTextBase	47
NCDateField	30
NCTimeField	104
NCIntField	49
NCLabel	51
NCLayoutBox	53
NCMenuButton	56
NCPadWidget	66
NCProgressBar	73
NCPushButton	75
NCRadioButton	76
NCRadioButtonGroup	77
NCReplacePoint	79
NCSpacing	85
NCSquash	87
NCursesEvent	115
NCtoY2Event	106
NCursesWindow	122

NCursesColorWindow	112
NCursesPad	116
NCPad	63
NCursesPanel	118
NCursesUserPanel< T >	121
NCursesUserPanel< NCDialog >	121
NCStyleDef::queryCharEnt	139
NCstyle::StBase	140
NCstyle::STChar	140
NCstyle::StDialog	141
NCstyle::Style	145
NCstyle::StItem	142
NCstyle::StWidget	145
NCstyle::StList	142
NCstyle::StProgbar	143
NCstyle::StRichtext	143
strutil::StrStr	144
NCStyleDef::SubWin	146
NCStyleDef::Wchattr	149
NCStyleDef::Wchstat	150
NCStyleDef::Wex	150
NCStyleDef::Wset	154
NCStyleDef::Wstyle	155
tnode< n_value >	147
tnode< NCWidget *>	147
NCWidget	135
wpair	151
wpos	152
wsze	155
wrect	153
YAlignment	
NCAAlignment	10
YApplication	
NCAApplication	11
YBusyIndicator	
NCBusyIndicator	23
YButtonBox	
NCButtonBox	24
YCheckBox	
NCCheckBox	26
YCheckBoxFrame	
NCCheckBoxFrame	27
YComboBox	
NCComboBox	28
YDateField	
NCDateField	30
YDialog	
NCDialog	31
YDumbTab	
NCDumbTab	36
YEmpty	
NCEmpty	37

YFrame	
NCFrame	43
YImage	
NCImage	44
YInputField	
NCInputField	46
YIntField	
NCIntField	49
YLabel	
NCLabel	51
YLayoutBox	
NCLayoutBox	53
YLogView	
NCLogView	55
YMenuButton	
NCMenuButton	56
YMultiLineEdit	
NCMultiLineEdit	57
YMultiSelectionBox	
NCMultiSelectionBox	59
YOptionalWidgetFactory	
NCOptionalWidgetFactory	60
YPackageSelectorPlugin	
NCPackageSelectorPluginStub	62
YProgressBar	
NCProgressBar	73
YPushButton	
NCPushButton	75
YRadioButton	
NCRadioButton	76
YRadioButtonGroup	
NCRadioButtonGroup	77
YReplacePoint	
NCReplacePoint	79
YRichText	
NCRichText	80
YSelectionBox	
NCSelectionBox	84
YSpacing	
NCSpacing	85
YSquash	
NCSquash	87
YTable	
NCTable	92
YTableCell	
NCFileSelectionTag	42
YTimeField	
NCTimeField	104
YTree	
NCTree	107
YUI	
YNCursesUI	156
YWidgetFactory	
NCWidgetFactory	137

Chapter 2

Class Index

2.1 Class List

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

NCStyleDef::Aset	9
NCStyleDef::lookupIdx	
Helper struct to std::map strings to NCstyle enum values	9
NCAlignment	10
NCApplication	11
NCAskForExistingDirectory	17
NCAskForExistingFile	18
NCAskForFile	19
NCAskForSaveFileName	20
NCAttribute	21
NCAttrset	22
NCBusyIndicator	23
NCButtonBox	24
NCCheckBox	26
NCCheckBoxFrame	27
NCComboBox	28
NCDateField	30
NCDialog	31
NCDirectoryTable	35
NCDumbTab	36
NCEmpty	37
NCFileInfo	38
NCFileSelection	
The class which provides methods to handle a std::list of files or directories	40
NCFileSelectionTag	
This class is used for the first column of the file table	42
NCFileTable	42
NCFrame	43
NCImage	44
NCInputField	46
NCInputTextBase	47

NCIntField	49
NCLabel	51
NCLabel	52
NCLayoutBox	53
NCLogView	55
NCMenuButton	56
NCMultiLineEdit	57
NCMultiSelectionBox	59
NCOptionalWidgetFactory	
Widget factory for optional ("special") widgets	60
NCPackageSelectorPluginIf	62
NCPackageSelectorPluginStub	62
NCPad	63
NCPadWidget	66
NCPopup	68
NCPopupInfo	69
NCPopupList	70
NCPopupMenu	71
NCPopupTable	72
NCPopupTextEntry	73
NCProgressBar	73
NCPushButton	75
NCRadioButton	76
NCRadioButtonGroup	77
NCRReplacePoint	79
NCRichText	80
NCSchrollCB	82
NCScrollbar	82
NCScrollHint	83
NCSelectionBox	84
NCSpacing	85
NCsquash	87
NCstring	88
NCstyle	89
NCStyleDef	90
NCTable	92
NCTableCol	94
NCTableHead	95
NCTableLine	96
NCTablePad	97
NCTableSortDefault	99
NCTableSortStrategyBase	100
NCTableStyle	101
NCTableTag	102
NCText	102
NCTextPad	103
NCTimeField	104
NCtoY2Event	
Helper class for translating an NCurses event to a YEvent	106
NCTree	107
NCTreeLine	109
NCTreePad	109
NCurses	111

NCursesColorWindow	
We leave this here for compatibility reasons	112
NCursesError	114
NCursesEvent	115
NCursesPad	116
NCursesPanel	118
NCursesUserPanel< T >	
Associate user data with a panel	121
NCursesWindow	
C++ class for windows	122
NCWidget	135
NCWidgetFactory	
Concrete widget factory for mandatory widgets	137
NCStyleDef::queryCharEnt	139
NCStyle::StBase	140
NCStyle::STChar	140
NCStyle::StDialog	141
NCStyle::StItem	142
NCStyle::StList	142
NCStyle::StProgbar	143
NCStyle::StRichtext	143
strutil::StrStr	
StringStream with autoconversion to std::string	144
NCStyle::StWidget	145
NCStyle::Style	145
NCStyleDef::SubWin	
SubWin: base class for the windows used	146
tnode< n_value >	147
NCStyleDef::Wchattr	
Wchattr: handle modification of the current attribute std::set	149
NCStyleDef::Wchstat	
Wchstat: show current attributes definition	150
NCStyleDef::Wex	
Wex: popup and down the example Dialog	150
wpair	151
wpos	152
wrect	153
NCStyleDef::Wset	
Wset: Selection of the current attribute std::set to process	154
NCStyleDef::Wstyle	
Wstyle: Selection of the current NCStyle::StyleSet to process	155
wsze	155
YNCursesUI	156

Chapter 3

Class Documentation

3.1 NCStyleDef::Aset Struct Reference

Public Member Functions

- **Aset** (chtype &ch, const std::string &l)
- chtype **attr** () const
- chtype **textattr** () const
- void **setBg** (bool prev)
- void **setFg** (bool prev)
- void **toggleStyle** (chtype sty)
- void **setStyle** (chtype sty)
- void **setChar** (chtype sty)

Public Attributes

- std::string **label**

3.1.1 Detailed Description

Definition at line [145](#) of file [NCStyleDef.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCStyleDef.cc

3.2 NCStyleDef::lookupIdx Struct Reference

helper struct to std::map strings to [NCstyle](#) enum values

Public Member Functions

- **lookupidx** (NCstyle::STglobal g)
- **lookupidx** (NCstyle::STlocal l)
- bool **isLoc** () const
- bool **isGlob** () const
- bool **isUnknown** () const
- unsigned **uindex** () const
- const char * **stat** () const

Public Attributes

- NCstyle::STglobal **glob**
- NCstyle::STlocal **loc**

3.2.1 Detailed Description

helper struct to std::map strings to [NCstyle](#) enum values

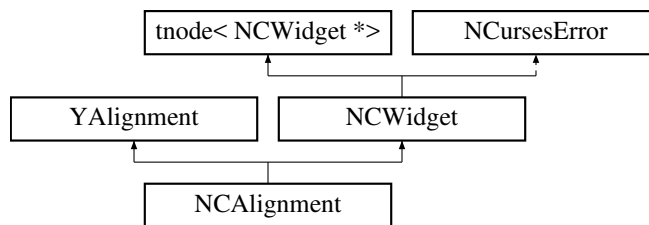
Definition at line [809](#) of file [NCStyleDef.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCStyleDef.cc

3.3 NCAAlignment Class Reference

Inheritance diagram for NCAAlignment:



Public Member Functions

- **NCAAlignment** (YWidget *parent, YAlignmentType halign, YAlignmentType valign)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **moveChild** (YWidget *child, int newx, int newy)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual const char * **location** () const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCAAlignment](#) &OBJ)

Additional Inherited Members

3.3.1 Detailed Description

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

3.3.2 Member Function Documentation

3.3.2.1 setEnabled()

```
void NCAAlignment::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

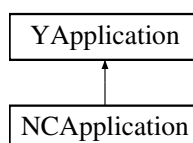
Definition at line 55 of file [NCAAlignment.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAAlignment.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAAlignment.cc

3.4 NCApplication Class Reference

Inheritance diagram for NCApplication:



Public Member Functions

- virtual void [setLanguage](#) (const std::string &language, const std::string &encoding=std::string())
Set language and encoding for the locale environment (\$LANG).
- virtual std::string [askForExistingDirectory](#) (const std::string &startDir, const std::string &headline)
Open a directory selection box and prompt the user for an existing directory.
- virtual std::string [askForExistingFile](#) (const std::string &startWith, const std::string &filter, const std::string &headline)
Open a file selection box and prompt the user for an existing file.
- virtual std::string [askForSaveFileName](#) (const std::string &startWith, const std::string &filter, const std::string &headline)
Open a file selection box and prompt the user for a file to save data to.
- virtual void [beep](#) ()
Beep.
- virtual void [redrawScreen](#) ()
Redraw the screen.
- virtual void [initConsoleKeyboard](#) ()
Initialize the (text) console keyboard.
- virtual void [setConsoleFont](#) (const std::string &console_magic, const std::string &font, const std::string &screen←_map, const std::string &unicode_map, const std::string &language)
Set the (text) console font according to the current encoding etc.
- virtual int [runInTerminal](#) (const std::string &command)
Run a shell command (typically an interactive program using [NCurses](#)) in a terminal (window).
- virtual int **displayWidth** ()
- virtual int **displayHeight** ()
- virtual int **displayDepth** ()
- virtual long **displayColors** ()
- virtual int **defaultWidth** ()
- virtual int **defaultHeight** ()
- virtual bool **isTextMode** ()
- virtual bool **hasImageSupport** ()
- virtual bool **hasIconSupport** ()
- virtual bool **hasAnimationSupport** ()
- virtual bool **hasFullUtf8Support** ()
- virtual bool **richTextSupportsTable** ()
- virtual bool **leftHandedMouse** ()
- virtual void [setApplicationTitle](#) (const std::string &title)
Set the application title.
- virtual void [openUI](#) () override
To mix TUI ([NCurses](#)) with stdio, enclose the UI parts within openUI/closeUI.
- virtual void **closeUI** () override

Protected Member Functions

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

Friends

- class **YNCursesUI**

3.4.1 Detailed Description

Definition at line 31 of file [NCAApplication.h](#).

3.4.2 Constructor & Destructor Documentation

3.4.2.1 NCAApplication()

```
NCAApplication::NCAApplication ( ) [protected]
```

Constructor.

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

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

3.4.3 Member Function Documentation

3.4.3.1 askForExistingDirectory()

```
std::string NCAApplication::askForExistingDirectory (
    const std::string & startDir,
    const std::string & headline ) [virtual]
```

Open a directory selection box and prompt the user for an existing directory.

'startDir' is the initial directory that is displayed.

'headline' is an explanatory text for the directory selection box. Graphical UIs may omit that if no window manager is running.

Returns the selected directory name or an empty `std::string` if the user canceled the operation.

Implemented from YApplication.

Definition at line 97 of file [NCAApplication.cc](#).

3.4.3.2 askForExistingFile()

```
std::string NCAApplication::askForExistingFile (
    const std::string & startWith,
    const std::string & filter,
    const std::string & headline ) [virtual]
```

Open a file selection box and prompt the user for an existing file.

'startWith' is the initial directory or file.

'filter' is one or more blank-separated file patterns, e.g. "*.png *.jpg"

'headline' is an explanatory text for the file selection box. Graphical UIs may omit that if no window manager is running.

Returns the selected file name or an empty std::string if the user canceled the operation.

Implemented from YApplication.

Definition at line 81 of file [NCAApplication.cc](#).

3.4.3.3 askForSaveFileName()

```
std::string NCAApplication::askForSaveFileName (
    const std::string & startWith,
    const std::string & filter,
    const std::string & headline ) [virtual]
```

Open a file selection box and prompt the user for a file to save data to.

Automatically asks for confirmation if the user selects an existing file.

'startWith' is the initial directory or file.

'filter' is one or more blank-separated file patterns, e.g. "*.png *.jpg"

'headline' is an explanatory text for the file selection box. Graphical UIs may omit that if no window manager is running.

Returns the selected file name or an empty std::string if the user canceled the operation.

Implemented from YApplication.

Definition at line 65 of file [NCAApplication.cc](#).

3.4.3.4 beep()

```
void NCAApplication::beep ( ) [virtual]
```

Beep.

Reimplemented from YApplication.

Definition at line 112 of file [NCAApplication.cc](#).

3.4.3.5 initConsoleKeyboard()

```
void NCAApplication::initConsoleKeyboard ( ) [virtual]
```

Initialize the (text) console keyboard.

Reimplemented from YApplication.

Definition at line 125 of file [NCAApplication.cc](#).

3.4.3.6 openUI()

```
void NCAApplication::openUI ( ) [override], [virtual]
```

To mix TUI ([NCurses](#)) with stdio, enclose the UI parts within openUI/closeUI.

Reimplemented from YApplication.

Definition at line 185 of file [NCAApplication.cc](#).

3.4.3.7 redrawScreen()

```
void NCAApplication::redrawScreen ( ) [virtual]
```

Redraw the screen.

Reimplemented from YApplication.

Definition at line 118 of file [NCAApplication.cc](#).

3.4.3.8 runInTerminal()

```
int NCAApplication::runInTerminal (
    const std::string & command ) [virtual]
```

Run a shell command (typically an interactive program using [NCurses](#)) in a terminal (window).

Here in the [NCurses](#) UI, this shuts down the [NCurses](#) lib, runs the command and then restores the status of the [NCurses](#) lib so that the next instance of the [NCurses](#) lib from the started command doesn't interfere with the [NCurses](#) UI's instance.

Reimplemented from YApplication.

Definition at line 196 of file [NCAApplication.cc](#).

3.4.3.9 setTitle()

```
void NCAApplication::setTitle (
    const std::string & title ) [virtual]
```

Set the application title.

Reimplemented from YApplication.

Definition at line 264 of file [NCAApplication.cc](#).

3.4.3.10 setConsoleFont()

```
void NCAApplication::setConsoleFont (
    const std::string & console_magic,
    const std::string & font,
    const std::string & screen_map,
    const std::string & unicode_map,
    const std::string & language ) [virtual]
```

Set the (text) console font according to the current encoding etc.

See the `setfont(8)` command and the console [HowTo](#) for details.

Reimplemented from YApplication. Moving that code from [YNCursesUI](#) to this class turned out to be impossible (or at least a lot more work than it's worth) that I finally gave it up.

- sh@suse.de 2008-02-06

Definition at line 152 of file [NCAApplication.cc](#).

3.4.3.11 setLanguage()

```
void NCAApplication::setLanguage (
    const std::string & language,
    const std::string & encoding = std::string() ) [virtual]
```

Set language and encoding for the locale environment (\$LANG).

'language' is the ISO short code ("de_DE", "en_US", ...).

'encoding' an (optional) encoding ("utf8", ...) that will be appended if present.

Reimplemented from YApplication.

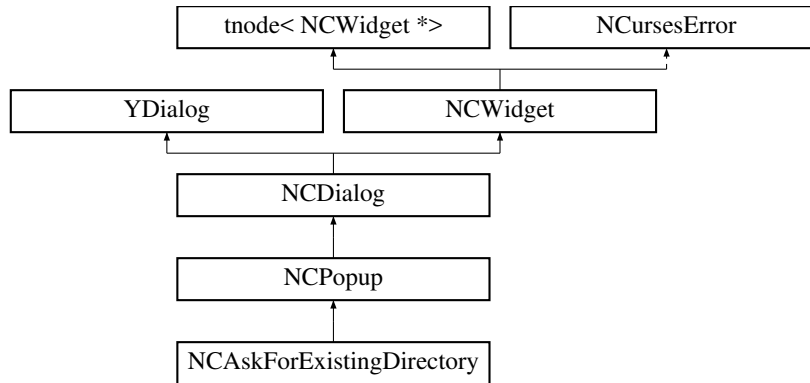
Definition at line 49 of file [NCAApplication.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAApplication.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAApplication.cc

3.5 NCAskForExistingDirectory Class Reference

Inheritance diagram for NCAskForExistingDirectory:



Public Member Functions

- **NCAskForExistingDirectory** (const [wpos](#) at, const std::string &startDir, const std::string &headline)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- void [createLayout](#) (const std::string &initialDir, const std::string &headline)
Create layout of file directory selection popup.
- [NCursesEvent](#) & [showDirPopup](#) ()
Shows the popup with the std::list of directories.

Protected Member Functions

- virtual bool **postAgain** ()
- virtual [NCursesEvent](#) **wHandleInput** (wint_t ch)

Additional Inherited Members

3.5.1 Detailed Description

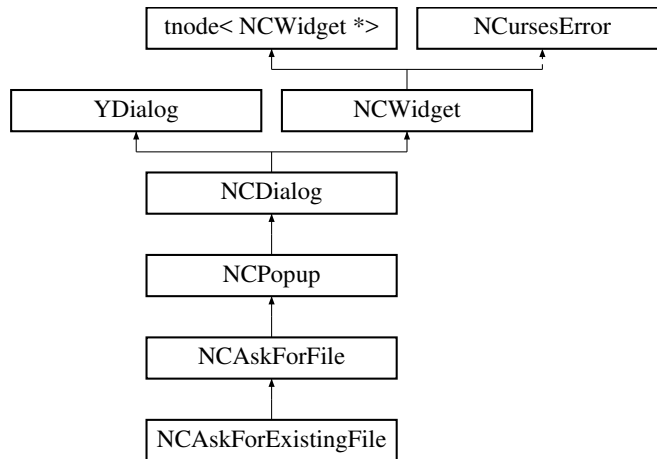
Definition at line [42](#) of file [NCAskForDirectory.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAskForDirectory.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAskForDirectory.cc

3.6 NCAskForExistingFile Class Reference

Inheritance diagram for NCAskForExistingFile:



Public Member Functions

- **NCAskForExistingFile** (const [wpos](#) at, const std::string &startDir, const std::string &filter, const std::string &headline)

Protected Member Functions

- virtual std::string **getFileName** ()

Additional Inherited Members

3.6.1 Detailed Description

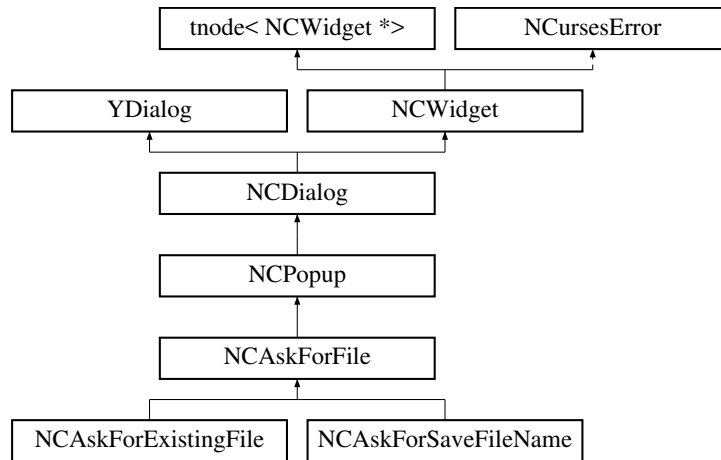
Definition at line [114](#) of file [NCAskForFile.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAskForFile.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAskForFile.cc

3.7 NCAskForFile Class Reference

Inheritance diagram for NCAskForFile:



Public Member Functions

- **NCAskForFile** (const [wpos](#) at, const std::string &startDir, const std::string &filter, const std::string &headline)
- virtual int [preferredWidth](#) ()
Set the default size.
- virtual int **preferredHeight** ()
- void [createLayout](#) (const std::string &iniDir, const std::string &filter, const std::string &headline, bool editable)
Create layout of file selection popup iniDir: The initial start directory filter: pattern what files to show headline: popup headline editable: file name field editable?
- [NCursesEvent](#) & [showDirPopup](#) ()
Shows the popup with the std::list of directories.
- void [updateFileList](#) ()
Show new file information.

Protected Member Functions

- virtual bool **postAgain** ()
- virtual [NCursesEvent](#) **wHandleInput** (wint_t ch)
- virtual std::string **getFileName** ()=0
- std::string **checkIniDir** (std::string startDir)

Protected Attributes

- [NCFileTable](#) * **fileList**
- [NCInputField](#) * **fileName**

Additional Inherited Members

3.7.1 Detailed Description

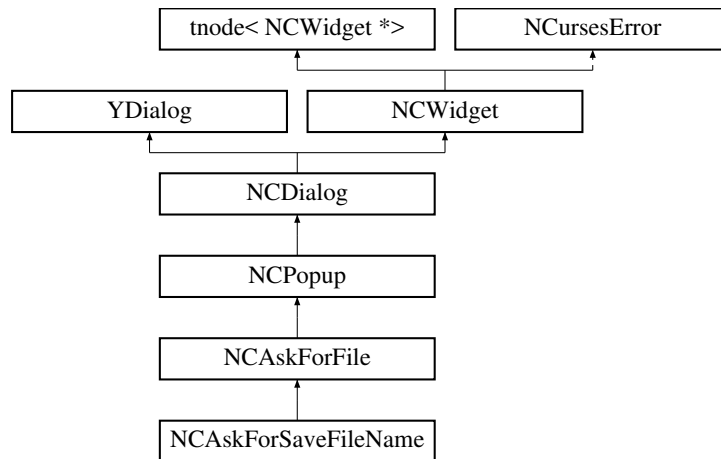
Definition at line 43 of file [NCAskForFile.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAskForFile.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAskForFile.cc

3.8 NCAskForSaveFileName Class Reference

Inheritance diagram for NCAskForSaveFileName:



Public Member Functions

- **NCAskForSaveFileName** (const [wpos](#) at, const std::string &startDir, const std::string &filter, const std::string &headline)

Protected Member Functions

- virtual std::string **getFileName** ()

Additional Inherited Members

3.8.1 Detailed Description

Definition at line 135 of file [NCAskForFile.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAskForFile.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCAskForFile.cc

3.9 NCattribution Struct Reference

Static Public Member Functions

- static int **colors** ()
- static int **color_pairs** ()
- static chtype **color_pair** (short fg, short bg)
- static chtype **color_pair** (int i)
- static short **fg_color_pair** (int i)
- static short **bg_color_pair** (int i)
- static int **color_pair_of** (chtype ch)
- static short **fg_color_of** (chtype ch)
- static short **bg_color_of** (chtype ch)
- static chtype **getStyle** (chtype a)
- static chtype **getColor** (chtype a)
- static chtype **getChar** (chtype a)
- static chtype **getNonChar** (chtype a)
- static void **setStyle** (chtype &a, chtype ch)
- static void **setColor** (chtype &a, chtype ch)
- static void **setChar** (chtype &a, chtype ch)
- static void **addStyle** (chtype &a, chtype ch)
- static void **delStyle** (chtype &a, chtype ch)
- static void **toggleStyle** (chtype &a, chtype ch)
- static void **addAlt** (chtype &a)
- static void **delAlt** (chtype &a)
- static short **getFg** (chtype a)
- static short **getBg** (chtype a)
- static void **setFg** (chtype &a, short c)
- static void **setBg** (chtype &a, short c)
- static std::string **colorAsString** (short i)
Color name.
- static std::string **color_pairAsString** (int i)
String representation of color_pair "[fg,bg]".

Static Public Attributes

- static int **_colors** = ::COLORS
- static int **_pairs** = ::COLOR_PAIRS
- static const chtype **style_mask** = A_ATTRIBUTES & ~A_COLOR & ~A_ALTCHARSET
- static const chtype **color_mask** = A_COLOR
- static const chtype **char_mask** = A_CHARTEXT | A_ALTCHARSET

Friends

- class **NCurses**

3.9.1 Detailed Description

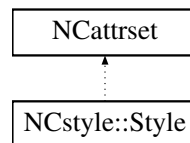
Definition at line 37 of file [NCstyle.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.cc

3.10 NCattrset Class Reference

Inheritance diagram for NCattrset:



Public Member Functions

- **NCattrset** (unsigned num)
- const chtype & **operator[]** (unsigned a) const
- chtype **getAttr** (unsigned a) const
- chtype **getStyle** (unsigned a) const
- chtype **getColor** (unsigned a) const
- chtype **getChar** (unsigned a) const
- chtype **getNonChar** (unsigned a) const
- void **setAttr** (unsigned a, chtype ch)
- void **setStyle** (unsigned a, chtype ch)
- void **setColor** (unsigned a, chtype ch)
- void **setChar** (unsigned a, chtype ch)
- void **addStyle** (unsigned a, chtype ch)
- void **delStyle** (unsigned a, chtype ch)
- void **toggleStyle** (unsigned a, chtype ch)
- void **addAlt** (unsigned a)
- void **delAlt** (unsigned a)
- short **getFg** (unsigned a) const
- short **getBg** (unsigned a) const
- void **setFg** (unsigned a, short c)
- void **setBg** (unsigned a, short c)

3.10.1 Detailed Description

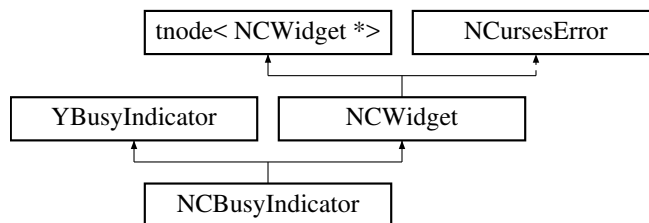
Definition at line 174 of file [NCstyle.h](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h](#)

3.11 NCBusyIndicator Class Reference

Inheritance diagram for NCBusyIndicator:



Public Member Functions

- **NCBusyIndicator** (YWidget *parent, const std::string &label, int timeout=1000)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **setTimeout** (int newTimeout)
- virtual void **setAlive** (bool newAlive)
std::set alive or stalled
- virtual void **setEnabled** (bool do_bv)
Pure virtual to make sure every widget implements it.
- int **timeout** () const
- void **handler** (int sig_num)
handler, called by NCBusyIndicatorHandlerWrapper

Static Public Member Functions

- static void **staticHandler** (int sig_num)

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wCreate** (const [wrect](#) &newrect)
- virtual void **wDelete** ()
- virtual void **wRedraw** ()
draw busy indicator widget

Friends

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

Additional Inherited Members

3.11.1 Detailed Description

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

3.11.2 Member Function Documentation

3.11.2.1 `setEnabled()`

```
void NCBusyIndicator::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

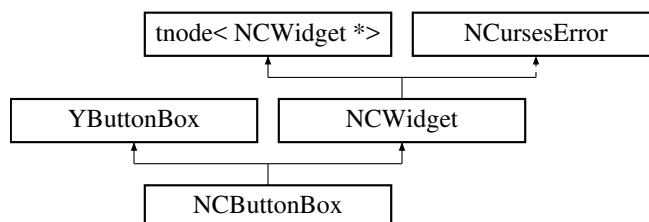
Definition at line 122 of file [NCBusyIndicator.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCBusyIndicator.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCBusyIndicator.cc`

3.12 NCButtonBox Class Reference

Inheritance diagram for `NCButtonBox`:



Public Member Functions

- **NCButtonBox** (YWidget *parent)
- virtual void **moveChild** (YWidget *child, int newX, int newY)
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setEnabled** (bool enabled)

Pure virtual to make sure every widget implements it.

Friends

- std::ostream & **operator**<< (std::ostream &stream, const [NCButtonBox](#) &widget)

Additional Inherited Members

3.12.1 Detailed Description

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

3.12.2 Member Function Documentation

3.12.2.1 setEnabled()

```
void NCButtonBox::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

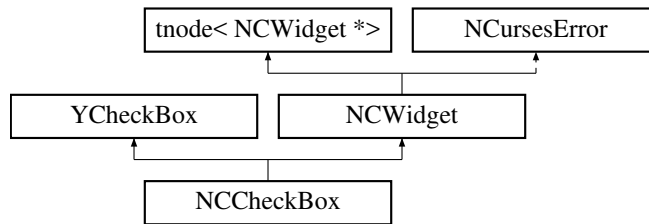
Definition at line 53 of file [NCButtonBox.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCButtonBox.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCButtonBox.cc

3.13 NCCheckBox Class Reference

Inheritance diagram for NCCheckBox:



Public Member Functions

- **NCCheckBox** (YWidget *parent, const std::string &label, bool checked)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **setValue** (YCheckBoxState state)
- virtual YCheckBoxState **value** ()
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void [setEnabled](#) (bool do_bv)
- *Pure virtual to make sure every widget implements it.*
- virtual bool **setKeyboardFocus** ()

Protected Types

- enum **State** { **S_DC** = 0, **S_OFF** = 1, **S_ON** = 2 }

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wRedraw** ()

Friends

- std::ostream & **operator<<** (std::ostream &STREAM, const [NCCheckBox](#) &OBJ)

Additional Inherited Members

3.13.1 Detailed Description

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

3.13.2 Member Function Documentation

3.13.2.1 setEnabled()

```
void NCCheckBox::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

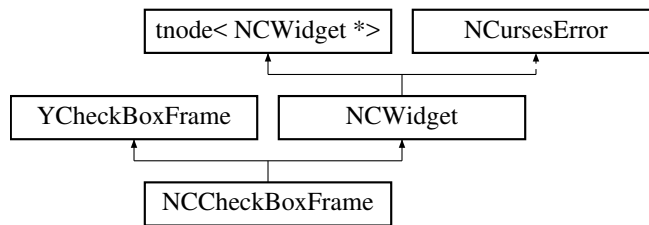
Definition at line 66 of file [NCCheckBox.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCCheckBox.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCCheckBox.cc

3.14 NCCheckBoxFrame Class Reference

Inheritance diagram for NCCheckBoxFrame:



Public Member Functions

- **NCCheckBoxFrame** (YWidget *parent, const std::string &label, bool checked)
- 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)
Pure virtual to make sure every widget implements it.
- virtual bool **getValue** ()
- virtual void **setValue** (bool enable)
- virtual bool **setKeyboardFocus** ()
- virtual bool **value** ()
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- bool **getParentValue** (NCWidget *widget, bool initial)

Protected Member Functions

- bool **gotBuddy** ()
- virtual const char * **location** () const
- virtual void **wRedraw** ()

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCCheckBoxFrame](#) &OBJ)

Additional Inherited Members

3.14.1 Detailed Description

Definition at line 37 of file [NCCheckBoxFrame.h](#).

3.14.2 Member Function Documentation

3.14.2.1 setEnabled()

```
void NCCheckBoxFrame::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

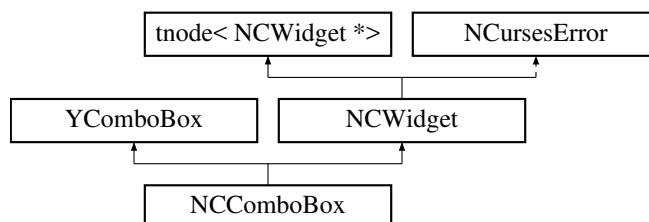
Definition at line 127 of file [NCCheckBoxFrame.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCCheckBoxFrame.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCCheckBoxFrame.cc

3.15 NCComboBox Class Reference

Inheritance diagram for NCComboBox:



Public Member Functions

- **NCComboBox** (YWidget *parent, const std::string &label, bool editable)
- virtual void **addItem** (YItem *item)
- virtual void **selectItem** (YItem *item, bool selected=true)
- void **addItem** (const std::string &label, bool selected)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **setText** (const std::string &text)
- virtual std::string **text** ()
- virtual void **setValidChars** (const std::string &validchars)
- virtual int **getCurrentItem** () const
- virtual void **setCurrentItem** (int index)
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

- virtual bool **setKeyboardFocus** ()
- unsigned int **getListSize** ()
- void **deleteAllItems** ()
- void **setInputMaxLength** (int nr)

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wCreate** (const [wrect](#) &newrect)
- virtual void **wDelete** ()
- virtual void **wRedraw** ()
- virtual void **wRecoded** ()
- int **listPopup** ()
- bool **validKey** (wint_t key) const

Protected Attributes

- int **InputMaxLength**

Friends

- std::ostream & **operator<<** (std::ostream &STREAM, const [NCComboBox](#) &OBJ)

Additional Inherited Members

3.15.1 Detailed Description

Definition at line 37 of file [NCComboBox.h](#).

3.15.2 Member Function Documentation

3.15.2.1 `setEnabled()`

```
void NCComboBox::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to `NCWidget::setEnabled`.

Implements `NCWidget`.

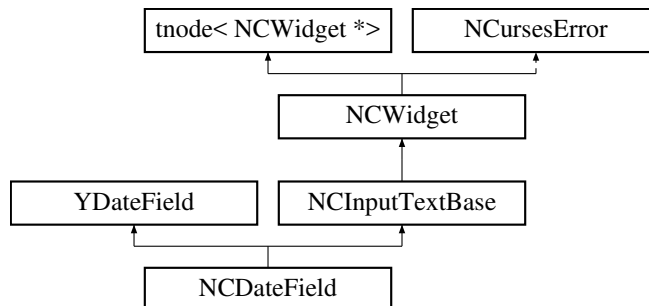
Definition at line 76 of file `NCComboBox.cc`.

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCComboBox.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCComboBox.cc`

3.16 NCDateField Class Reference

Inheritance diagram for `NCDateField`:



Public Member Functions

- **NCDateField** (`YWidget *parent`, `const std::string &label`)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **setValue** (const std::string &ntext)
- virtual std::string **value** ()
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

- virtual `NCursesEvent` **wHandleInput** (wint_t key)
- virtual bool **setKeyboardFocus** ()

Protected Member Functions

- virtual const char * **location** () const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCDateField](#) &OBJ)

Additional Inherited Members

3.16.1 Detailed Description

Definition at line 35 of file [NCDateField.h](#).

3.16.2 Member Function Documentation

3.16.2.1 setEnabled()

```
void NCDateField::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Reimplemented from [NCInputTextBase](#).

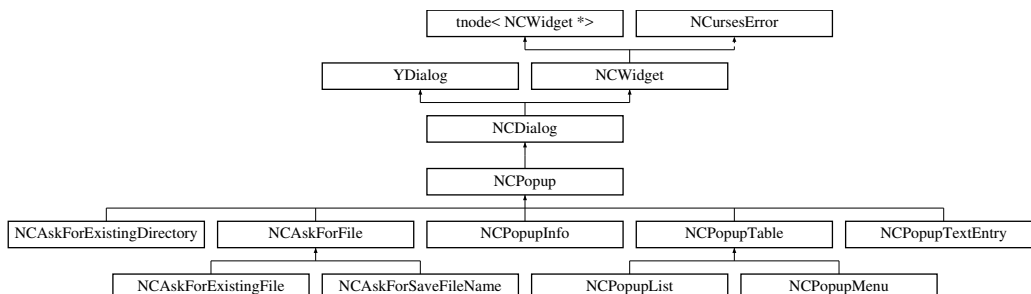
Definition at line 76 of file [NCDateField.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCDateField.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCDateField.cc

3.17 NCDialog Class Reference

Inheritance diagram for NCDialog:



Public Member Functions

- **NCDialog** (YDialogType dialogType, YDialogColorMode colorMode=YDialogNormalColor)
- void **showDialog** ()
- void **closeDialog** ()
- void **activate** (const bool newactive)
- bool **isActive** () const
- void **idleInput** ()
- [NCursesEvent](#) **userInput** (int timeout_millsec=-1)
- [NCursesEvent](#) **pollInput** ()
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- void **setStatusLine** ()
- virtual void **activate** ()

Activate this dialog: Make sure that it is shown as the topmost dialog of this application and that it can receive input.

Protected Types

- enum **NCDopts** { **DEFAULT** = 0x00, **POPUP** = 0x01, **NOBOX** = 0x10 }
- typedef unsigned **NCDoptflag**

Protected Member Functions

- virtual const char * **location** () const
 - [wint_t](#) **getch** (int timeout_millsec=-1)
 - virtual [NCursesEvent](#) **wHandleInput** ([wint_t](#) ch)
 - virtual [NCursesEvent](#) **wHandleHotkey** ([wint_t](#) key)
 - virtual void **startMultipleChanges** ()
 - virtual void **doneMultipleChanges** ()
 - virtual void **openInternal** ()
- Internal open() method: Initialize what is left over to initialize after all dialog children have been created.*
- virtual YEvent * **waitForEventInternal** (int timeout_millsec)
- Wait for a user event.*
- virtual YEvent * **pollEventInternal** ()
- Check if a user event is pending.*
- **NCDialog** (YDialogType dialogType, const [wpos](#) at, const bool boxed=true)
 - bool **isPopup** () const
 - bool **isBoxed** () const
 - virtual void **initDialog** ()
 - virtual const [NCstyle::Style](#) & **wStyle** () const
 - virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Attributes

- NCDoptflag **ncdopts**
- [wpos](#) **popedpos**
- bool **hshadow**
- bool **vshadow**

Friends

- class **NCurses**
- `std::ostream & operator<< (std::ostream &STREAM, const NCDialog &OBJ)`
- `std::ostream & operator<< (std::ostream &STREAM, const NCDialog *OBJ)`

3.17.1 Detailed Description

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

3.17.2 Member Function Documentation

3.17.2.1 activate()

```
void NCDialog::activate ( ) [virtual]
```

Activate this dialog: Make sure that it is shown as the topmost dialog of this application and that it can receive input.

Implementation of YDialog::activate().

Implemented from YDialog.

This is called e.g. for the next-lower dialog in the dialog stack when the topmost dialog is destroyed: That next-lower dialog is now the active dialog.

Definition at line 306 of file [NCDialog.cc](#).

3.17.2.2 openInternal()

```
void NCDialog::openInternal ( ) [protected], [virtual]
```

Internal open() method: Initialize what is left over to initialize after all dialog children have been created.

YDialog::setInitialSize() is already called before this in YDialog::open(), so don't call it here again (very expensive!).

This function is called (exactly once during the life time of the dialog) in YDialog::open().

Implemented from YDialog.

Definition at line 223 of file [NCDialog.cc](#).

3.17.2.3 pollEventInternal()

```
YEvent * NCDialog::pollEventInternal ( ) [protected], [virtual]
```

Check if a user event is pending.

Back-end for YDialog::pollEvent()

If there is one, return it. If there is none, do not wait for one - return 0.

Implemented from YDialog.

Definition at line 998 of file [NCDialog.cc](#).

3.17.2.4 setEnabled()

```
virtual void NCDialog::setEnabled (
    bool do_bv ) [inline], [protected], [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

Definition at line 210 of file [NCDialog.h](#).

3.17.2.5 waitForEventInternal()

```
YEvent * NCDialog::waitForEventInternal (
    int timeout_millisecc ) [protected], [virtual]
```

Wait for a user event.

Back-end for YDialog::waitForEvent()

Implemented from YDialog.

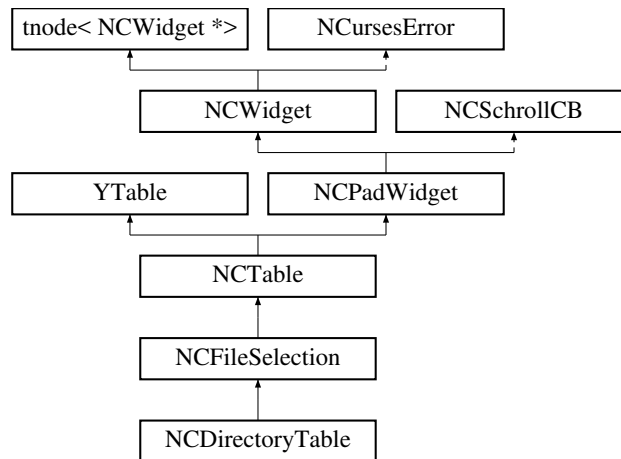
Definition at line 982 of file [NCDialog.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCDialog.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCDialog.cc](#)

3.18 NCDirectoryTable Class Reference

Inheritance diagram for NCDirectoryTable:



Public Member Functions

- **NCDirectoryTable** (YWidget *parent, YTableHeader *tableHeader, NCFileSelectionType type, const std::string &iniDir)
- virtual void [fillHeader](#) ()
Fill the column headers of the table.
- virtual bool [createListEntry](#) (NCFileInfo *fileInfo)
Creates a line in the package table.
- virtual bool [fillList](#) ()
Fill the std::list of directories.
- virtual [NCursesEvent](#) [wHandleInput](#) (wint_t key)

Additional Inherited Members

3.18.1 Detailed Description

Definition at line 254 of file [NCFileSelection.h](#).

3.18.2 Member Function Documentation

3.18.2.1 fillList()

```
bool NCDirectoryTable::fillList ( ) [virtual]
```

Fill the std::list of directories.

Returns 'true' on success.

Implements [NCFileSelection](#).

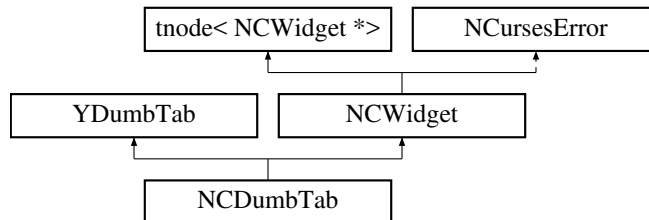
Definition at line 697 of file [NCFileSelection.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCFileSelection.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCFileSelection.cc

3.19 NCDumbTab Class Reference

Inheritance diagram for NCDumbTab:



Public Member Functions

- **NCDumbTab** (YWidget *parent)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **addItem** (YItem *item)
- virtual void **selectItem** (YItem *item, bool selected)
- virtual void **setSize** (int newWidth, int newHeight)
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void [setEnabled](#) (bool do_bv)
Pure virtual to make sure every widget implements it.
- virtual void **shortcutChanged** ()
- virtual bool **HasHotkey** (int key)
- virtual bool **setKeyboardFocus** ()
- [NCursesEvent](#) **createMenuEvent** (unsigned int index)
- void **setCurrentTab** (wint_t key)

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wRedraw** ()
- void **redrawChild** (YWidget *widget)

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCDumbTab](#) &OBJ)

Additional Inherited Members

3.19.1 Detailed Description

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

3.19.2 Member Function Documentation

3.19.2.1 `setEnabled()`

```
void NCDumbTab::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

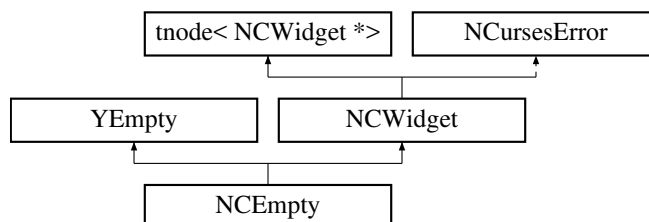
Definition at line 88 of file [NCDumbTab.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCDumbTab.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCDumbTab.cc`

3.20 NCEmpty Class Reference

Inheritance diagram for NCEmpty:



Public Member Functions

- **NCEmpty** (`YWidget *parent`)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void [setEnabled](#) (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual const char * **location** () const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCEmpty](#) &OBJ)

Additional Inherited Members

3.20.1 Detailed Description

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

3.20.2 Member Function Documentation

3.20.2.1 `setEnabled()`

```
void NCEmpty::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

Definition at line 52 of file [NCEmpty.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCEmpty.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCEmpty.cc

3.21 NCFileInfo Struct Reference

Public Member Functions

- [NCFileInfo](#) (std::string fileName, struct stat64 *statInfo, bool link=false)
Constructor from a stat buffer (i.e.
- bool **isDir** ()
- bool **isLink** ()
- bool **isFile** ()

Public Attributes

- `std::string _name`
- `std::string _realName`
- `std::string _tag`
- `std::string _perm`
- `std::string _user`
- `std::string _group`
- `dev_t _device`
- `mode_t _mode`
- `nlink_t _links`
- `off64_t _size`
- `time_t _mtime`

3.21.1 Detailed Description

Definition at line 44 of file [NCFileSelection.h](#).

3.21.2 Constructor & Destructor Documentation

3.21.2.1 NCFileInfo()

```
NCFileInfo::NCFileInfo (
    std::string fileName,
    struct stat64 * statInfo,
    bool link = false )
```

Constructor from a stat buffer (i.e.

based on an `lstat64()` call).

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

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

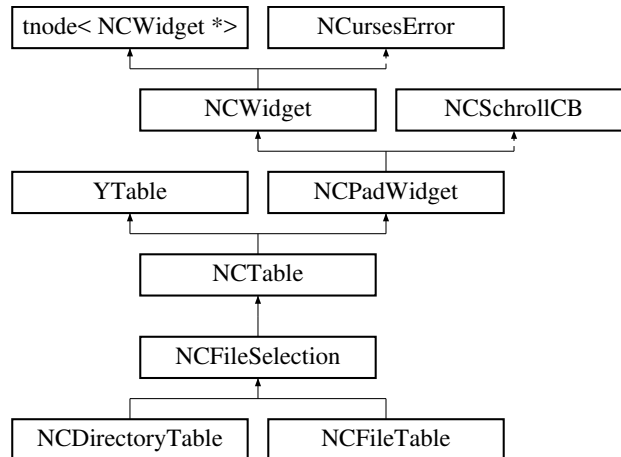
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCFileSelection.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCFileSelection.cc`

3.22 NCFileSelection Class Reference

The class which provides methods to handle a `std::list` of files or directories.

```
#include <NCFileSelection.h>
```

Inheritance diagram for NCFileSelection:



Public Types

- enum **NCFileSelectionType** { **T_Overview**, **T_Detailed**, **T_Unknown** }

Public Member Functions

- **NCFileSelection** (YWidget *parent, YTableHeader *tableHeader, NCFileSelectionType type, const std::string &iniDir)
Constructor.
- **NCFileInfo** * **getFileInfo** (int index)
Get the file info.
- void **setTableType** (NCFileSelectionType type)
Set the type of the table widget type: Possible values: NCFileSelection::T_Overview, NCFileSelection::T_Detailed.
- virtual void **addLine** (const std::vector< std::string > &elements, **NCFileInfo** *fileInfo)
- unsigned int **getNumLines** ()
Get number of lines (std::list entries)
- void **drawList** ()
Draws the file std::list (has to be called after the loop with addLine() calls)
- virtual void **deleteAllItems** ()
Clears the package std::list.
- virtual void **fillHeader** ()=0
Fills the header of the table.
- virtual bool **createListEntry** (**NCFileInfo** *fileInfo)=0
Creates a line in the package table.

- std::string [getCurrentDir](#) ()
Get the current directory return: The currently selected directory.
- virtual bool [fillList](#) ()=0
Fill the std::list of directories or files Returns 'true' on success.
- void [setStartDir](#) (const std::string &start)
Set the start directory.

Protected Member Functions

- void **setCurrentDir** ()
- std::string **getCurrentLine** ()
- [NCursesEvent](#) **handleKeyEvents** (wint_t key)

Protected Attributes

- std::string **startDir**
- std::string **currentDir**
- NCFileSelectionType **tableType**

Additional Inherited Members

3.22.1 Detailed Description

The class which provides methods to handle a std::list of files or directories.

Definition at line [103](#) of file [NCFileSelection.h](#).

3.22.2 Member Function Documentation

3.22.2.1 [getFileInfo](#)()

```
NCFileInfo * NCFileSelection::getFileInfo (  
    int index )
```

Get the file info.

index: The std::list index return: fileInfo Information about the file (directory)

Definition at line [356](#) of file [NCFileSelection.cc](#).

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

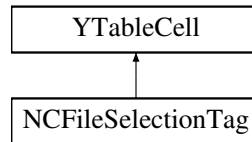
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCFileSelection.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCFileSelection.cc

3.23 NFileSelectionTag Class Reference

This class is used for the first column of the file table.

```
#include <NFileSelection.h>
```

Inheritance diagram for NFileSelectionTag:



Public Member Functions

- **NFileSelectionTag** ([NFileInfo](#) *info)
- [NFileInfo](#) * **getFileInfo** () const

3.23.1 Detailed Description

This class is used for the first column of the file table.

Contains the file data.

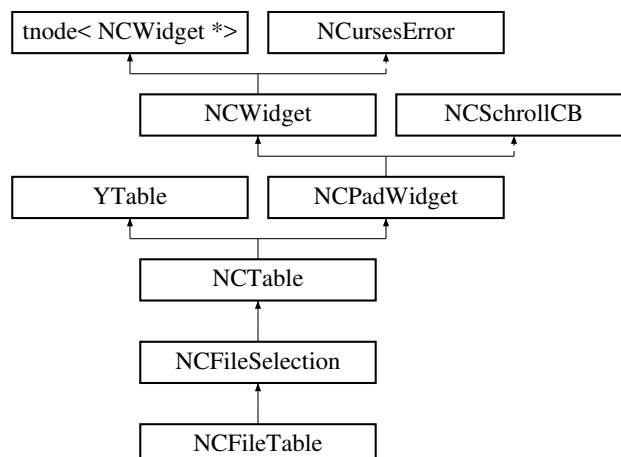
Definition at line 83 of file [NFileSelection.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NFileSelection.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NFileSelection.cc

3.24 NFileTable Class Reference

Inheritance diagram for NFileTable:



Public Member Functions

- [NCFileTable](#) (YWidget *parent, YTableHeader *tableHeader, NCFileSelectionType type, const std::string &filter, const std::string &iniDir)
Constructor.
- void **setCurrentFile** (const std::string &file)
- bool **filterMatch** (const std::string &fileName)
- std::string **getCurrentFile** ()
- virtual void [fillHeader](#) ()
Fill the column headers of the file table.
- virtual bool [createListEntry](#) (NCFileInfo *fileInfo)
Creates a line in the package table.
- virtual bool [fillList](#) ()
Fill the std::list of files Returns 'true' on success.
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)

Additional Inherited Members

3.24.1 Detailed Description

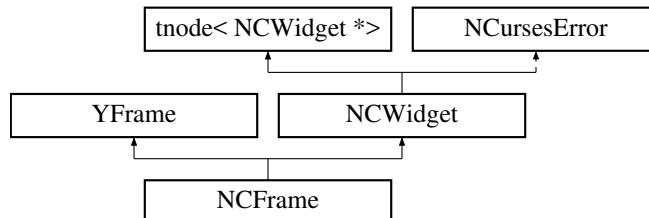
Definition at line 211 of file [NCFileSelection.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCFileSelection.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCFileSelection.cc

3.25 NCFrame Class Reference

Inheritance diagram for NCFrame:



Public Member Functions

- **NCFrame** (YWidget *parent, const std::string &label)
- 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)
Pure virtual to make sure every widget implements it.

Protected Member Functions

- bool **gotBuddy** ()
- virtual const char * **location** () const
- virtual void **wRedraw** ()

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCFrame](#) &OBJ)

Additional Inherited Members

3.25.1 Detailed Description

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

3.25.2 Member Function Documentation

3.25.2.1 setEnabled()

```
void NCFrame::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

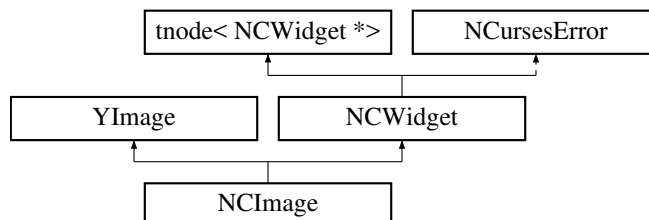
Definition at line 92 of file [NCFrame.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCFrame.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCFrame.cc

3.26 NCImage Class Reference

Inheritance diagram for NCImage:



Public Member Functions

- **NCImage** (YWidget *parent, std::string defaulttext, bool animated=false)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual const char * **location** () const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCImage](#) &OBJ)

Additional Inherited Members

3.26.1 Detailed Description

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

3.26.2 Member Function Documentation

3.26.2.1 setEnabled()

```
void NCImage::setEnabled (  
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

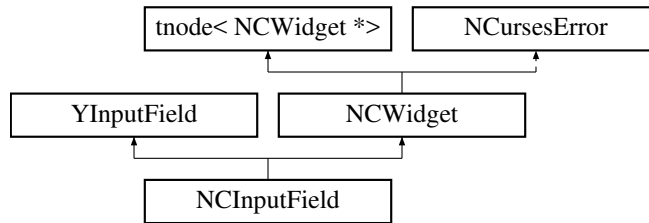
Definition at line 61 of file [NCImage.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCImage.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCImage.cc

3.27 NCInputField Class Reference

Inheritance diagram for NCInputField:



Public Types

- enum **FTYPE** { **PLAIN**, **NUMBER** }

Public Member Functions

- **NCInputField** (YWidget *parent, const std::string &label, bool passwordMode=false, unsigned maxInput=0, unsigned maxFld=0)
- void **setFldtype** (FTYPE t)
- void **setReturnOnReturn** (bool on_br)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **setValue** (const std::string &text)
- virtual std::string **value** ()
- virtual void **setValidChars** (const std::string &validchars)
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void [setEnabled](#) (bool do_bv)
- *Pure virtual to make sure every widget implements it.*
- virtual bool **setKeyboardFocus** ()
- void **setInputMaxLength** (int numberOfChars)
- void **setCurPos** (unsigned pos)

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wCreate** (const [wrect](#) &newrect)
- virtual void **wDelete** ()
- virtual void **wRedraw** ()
- bool **validKey** (wint_t key) const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCInputField](#) &OBJ)

Additional Inherited Members

3.27.1 Detailed Description

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

3.27.2 Member Function Documentation

3.27.2.1 setEnabled()

```
void NCInputField::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

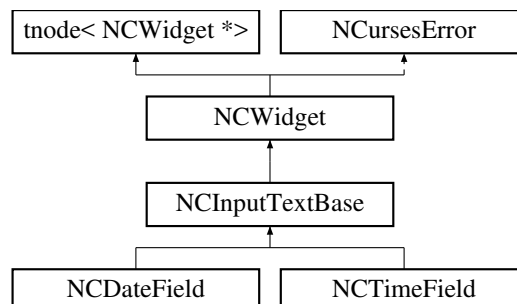
Definition at line 94 of file [NCInputField.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCInputField.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCInputField.cc](#)

3.28 NCInputTextBase Class Reference

Inheritance diagram for NCInputTextBase:



Public Member Functions

- void **setReturnOnReturn** (bool on_br)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setEnabled** (bool do_bv)
- *Pure virtual to make sure every widget implements it.*
- virtual void **setCurPos** (unsigned pos)

Protected Member Functions

- virtual void **setDefsize** ()
- virtual void **tUpdate** ()
- virtual bool **bufferFull** () const
- virtual unsigned **maxCursor** () const
- virtual const char * **location** () const
- virtual void **wCreate** (const [wrect](#) &newrect)
- virtual void **wDelete** ()
- virtual void **wRedraw** ()
- **NCInputTextBase** (YWidget *parent, bool passwordMode=false, unsigned maxInput=0, unsigned maxFld=0)

Protected Attributes

- bool **passwd**
- [NLabel](#) **_label**
- std::wstring **buffer**
- [NCursesWindow](#) * **lwin**
- [NCursesWindow](#) * **twin**
- unsigned **maxFldLength**
- unsigned **maxInputLength**
- unsigned **fldstart**
- unsigned **fldlength**
- unsigned **curpos**
- bool **returnOnReturn_b**

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCInputTextBase](#) &OBJ)

Additional Inherited Members

3.28.1 Detailed Description

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

3.28.2 Member Function Documentation

3.28.2.1 setEnabled()

```
void NCInputTextBase::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to `NCWidget::setEnabled`.

Implements `NCWidget`.

Reimplemented in `NCTimeField`, and `NCDateField`.

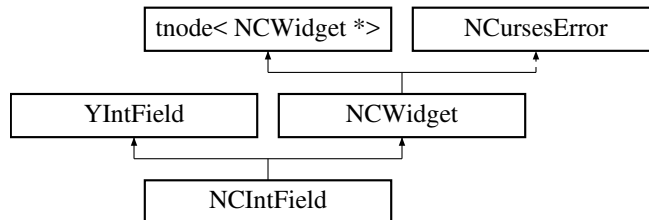
Definition at line 87 of file `NCInputTextBase.cc`.

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCInputTextBase.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCInputTextBase.cc`

3.29 NCIntField Class Reference

Inheritance diagram for `NCIntField`:



Public Member Functions

- **NCIntField** (`YWidget *parent`, `const std::string &label`, `int minValue`, `int maxValue`, `int initialValue`)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (`int newWidth`, `int newHeight`)
- virtual void **setLabel** (`const std::string &nlabel`)
- virtual void **setValueInternal** (`int newValue`)
- virtual int **value** ()
- virtual `NCursesEvent` **wHandleInput** (`wint_t key`)
- virtual bool **setKeyboardFocus** ()
- virtual void **setEnabled** (`bool do_bv`)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wCreate** (const [wrect](#) &newrect)
- virtual void **wDelete** ()
- virtual void **wRedraw** ()
- bool **Increment** (const bool bigstep=false)
- bool **Decrement** (const bool bigstep=false)
- int **enterPopup** (wchar_t first=L'\0')

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCIntField](#) &OBJ)

Additional Inherited Members

3.29.1 Detailed Description

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

3.29.2 Member Function Documentation

3.29.2.1 [setEnabled\(\)](#)

```
void NCIntField::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

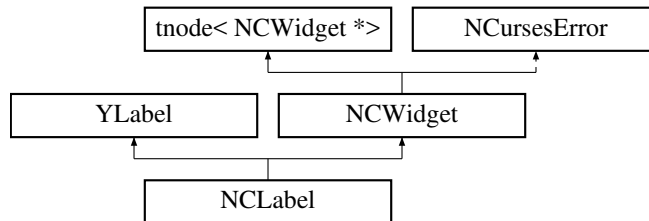
Definition at line [85](#) of file [NCIntField.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCIntField.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCIntField.cc`

3.30 NCLabel Class Reference

Inheritance diagram for NCLabel:



Public Member Functions

- **NCLabel** (YWidget *parent, const std::string &text, bool isHeading=false, bool isOutputField=false)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setText** (const std::string &nlabel)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wRedraw** ()

Friends

- std::ostream & **operator<<** (std::ostream &STREAM, const [NCLabel](#) &OBJ)

Additional Inherited Members

3.30.1 Detailed Description

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

3.30.2 Member Function Documentation

3.30.2.1 `setEnabled()`

```
void NCLabel::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to `NCWidget::setEnabled`.

Implements `NCWidget`.

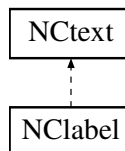
Definition at line 64 of file `NCLabel.cc`.

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCLabel.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCLabel.cc`

3.31 NCLabel Class Reference

Inheritance diagram for NCLabel:



Public Member Functions

- void **stripHotkey** ()
- **NCLabel** (const `NCstring` &nstr="")
- `size_t` **width** () const
- unsigned **height** () const
- `wsz` **size** () const
- const std::list< `NCstring` > & **getText** () const
- void **drawAt** (`NCursesWindow` &w, chtype style, chtype hotstyle, const `wrect` &dim, const NC::ADJUST adjust=NC::TOPLEFT, bool fillup=true) const
- void **drawAt** (`NCursesWindow` &w, chtype style, chtype hotstyle, const NC::ADJUST adjust=NC::TOPLEFT, bool fillup=true) const
- void **drawAt** (`NCursesWindow` &w, chtype style, chtype hotstyle, const `wpos` &pos, const NC::ADJUST adjust=NC::TOPLEFT, bool fillup=true) const
- void **drawAt** (`NCursesWindow` &w, chtype style, chtype hotstyle, const `wpos` &pos, const `wsz` &size, const NC::ADJUST adjust=NC::TOPLEFT, bool fillup=true) const

- void **drawAt** (NCursesWindow &w, const NCstyle::Stltem &istyle, const NC::ADJUST adjust=NC::TOPLEFT, bool fillup=true) const
- void **drawAt** (NCursesWindow &w, const NCstyle::Stltem &istyle, const wpos &pos, const NC::ADJUST adjust=NC::TOPLEFT, bool fillup=true) const
- void **drawAt** (NCursesWindow &w, const NCstyle::Stltem &istyle, const wpos &pos, const wsize &size, const NC::ADJUST adjust=NC::TOPLEFT, bool fillup=true) const
- void **drawAt** (NCursesWindow &w, const NCstyle::Stltem &istyle, const wrect &dim, const NC::ADJUST adjust=NC::TOPLEFT, bool fillup=true) const
- bool **hasHotkey** () const
- wchar_t **hotkey** () const
- std::wstring::size_type **hotpos** () const

Protected Member Functions

- virtual void **lset** (const NCstring &text)

Protected Attributes

- std::wstring::size_type **hotline**

Friends

- std::ostream & **operator<<** (std::ostream &STREAM, const NClabel &OBJ)

Additional Inherited Members

3.31.1 Detailed Description

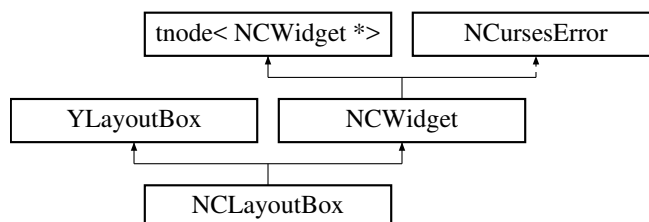
Definition at line 81 of file [NCtext.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCtext.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCtext.cc

3.32 NCLayoutBox Class Reference

Inheritance diagram for NCLayoutBox:



Public Member Functions

- **NCLayoutBox** (YWidget *parent, YUIDimension dimension)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **moveChild** (YWidget *child, int newX, int newY)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual const char * **location** () const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCLayoutBox](#) &OBJ)

Additional Inherited Members

3.32.1 Detailed Description

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

3.32.2 Member Function Documentation

3.32.2.1 setEnabled()

```
void NCLayoutBox::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

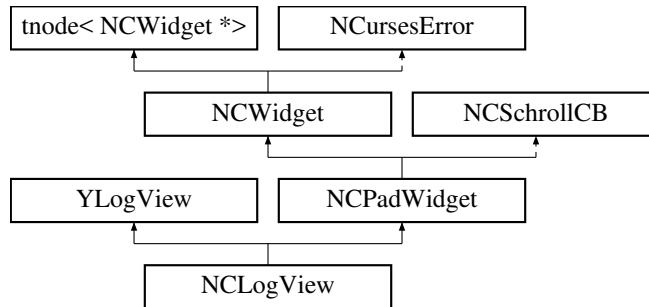
Definition at line 54 of file [NCLayoutBox.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCLayoutBox.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCLayoutBox.cc

3.33 NLogView Class Reference

Inheritance diagram for NLogView:



Public Member Functions

- **NLogView** (YWidget *parent, const std::string &label, int visibleLines, int maxLines)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **displayLogText** (const std::string &text)
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void **setEnabled** (bool do_bv)
- *Pure virtual to make sure every widget implements it.*
- virtual bool **setKeyboardFocus** ()

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wRedraw** ()
- virtual void **wRecoded** ()
- virtual [NCPad](#) * **CreatePad** ()
- virtual void **DrawPad** ()

Friends

- std::ostream & **operator<<** (std::ostream &STREAM, const [NLogView](#) &OBJ)

Additional Inherited Members

3.33.1 Detailed Description

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

3.33.2 Member Function Documentation

3.33.2.1 `setEnabled()`

```
void NCLogView::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Reimplemented from [NCPadWidget](#).

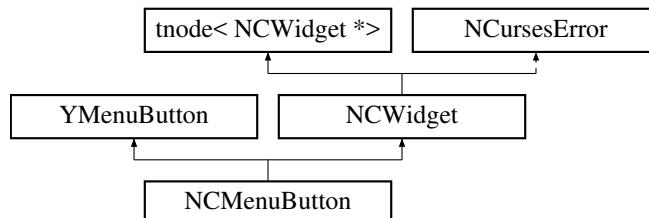
Definition at line 62 of file [NCLogView.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCLogView.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCLogView.cc`

3.34 NCMenuButton Class Reference

Inheritance diagram for NCMenuButton:



Public Member Functions

- **NCMenuButton** (`YWidget *parent`, `std::string label`)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **rebuildMenuTree** ()
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void [setEnabled](#) (bool do_bv)

Pure virtual to make sure every widget implements it.

- YMenuItem * **findItem** (int selection)
- virtual bool **setKeyboardFocus** ()

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wRedraw** ()
- [NCursesEvent](#) **postMenu** ()

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCMenuButton](#) &OBJ)

Additional Inherited Members

3.34.1 Detailed Description

Definition at line 35 of file [NCMenuButton.h](#).

3.34.2 Member Function Documentation

3.34.2.1 setEnabled()

```
void NCMenuButton::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

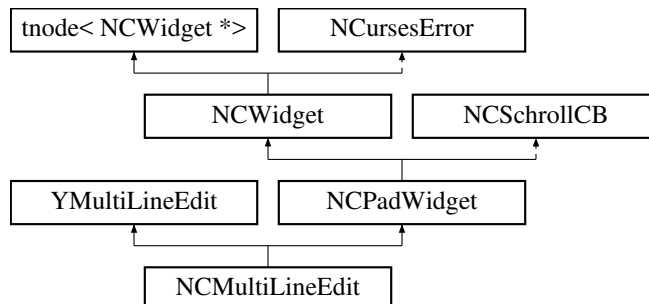
Definition at line 61 of file [NCMenuButton.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCMenuButton.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCMenuButton.cc

3.35 NCMultiLineEdit Class Reference

Inheritance diagram for NCMultiLineEdit:



Public Member Functions

- **NCMultiLineEdit** (YWidget *parent, const std::string &label)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **setValue** (const std::string &ntext)
- virtual std::string **value** ()
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

- virtual bool **setKeyboardFocus** ()
- void **setInputMaxLength** (int numberOfChars)

Protected Member Functions

- virtual [NCTextPad](#) * **myPad** () const
Overload myPad to narrow the type.
- virtual const char * **location** () const
- virtual void **wRedraw** ()
- virtual [NCPad](#) * **CreatePad** ()
- virtual void **DrawPad** ()

Friends

- std::ostream & **operator<<** (std::ostream &STREAM, const [NCMultiLineEdit](#) &OBJ)

Additional Inherited Members

3.35.1 Detailed Description

Definition at line 35 of file [NCMultiLineEdit.h](#).

3.35.2 Member Function Documentation

3.35.2.1 setEnabled()

```
void NCMultiLineEdit::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Reimplemented from [NCPadWidget](#).

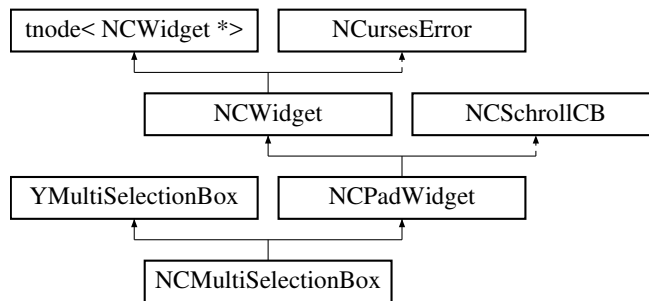
Definition at line 60 of file [NCMultiLineEdit.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCMultiLineEdit.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCMultiLineEdit.cc

3.36 NCMultiSelectionBox Class Reference

Inheritance diagram for NCMultiSelectionBox:



Public Member Functions

- virtual void **startMultipleChanges** ()
- virtual void **doneMultipleChanges** ()
- virtual const char * **location** () const
- virtual void **addItem** (YItem *item)
- virtual void **deleteAllItems** ()
- virtual void **selectItem** (YItem *item, bool selected)
- virtual void **deselectAllItems** ()
- **NCMultiSelectionBox** (YWidget *parent, const std::string &label)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual YItem * **currentItem** ()
- virtual void **setCurrentItem** (YItem *item)
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void **setEnabled** (bool do_bv)
- *Pure virtual to make sure every widget implements it.*
- virtual bool **setKeyboardFocus** ()
- unsigned int **getNumLines** ()
- const [NCTableLine](#) * **getLine** (const int &index)
- void **clearItems** ()

Protected Member Functions

- virtual [NCTablePad](#) * **myPad** () const
- *Overload myPad to narrow the type.*
- [NCTableTag](#) * **tagCell** (int index)
- *Return pointer to current line tag (holds state and yitem pointer)*
- const [NCTableTag](#) * **tagCell** (int index) const
- bool **isItemSelected** (YItem *item)
- void **toggleCurrentItem** ()
- *Toggle item from selected -> deselected and vice versa.*
- virtual [NCPad](#) * **CreatePad** ()
- *Create empty MsB pad.*
- virtual void **wRecoded** ()

Friends

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

Additional Inherited Members

3.36.1 Detailed Description

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

3.36.2 Member Function Documentation

3.36.2.1 `setEnabled()`

```
void NCMultiSelectionBox::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Reimplemented from [NCPadWidget](#).

Definition at line 60 of file [NCMultiSelectionBox.cc](#).

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

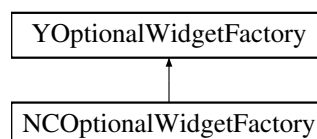
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCMultiSelectionBox.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCMultiSelectionBox.cc`

3.37 NCOptionalWidgetFactory Class Reference

Widget factory for optional ("special") widgets.

```
#include <NCOptionalWidgetFactory.h>
```

Inheritance diagram for `NCOptionalWidgetFactory`:



Protected Member Functions

- [NOptionalWidgetFactory \(\)](#)
Constructor.
- virtual [~NOptionalWidgetFactory \(\)](#)
Destructor.
- bool **hasDumbTab** ()
- [NCDumbTab](#) * **createDumbTab** (YWidget *parent)
- bool **hasTimeField** ()
- YTimeField * **createTimeField** (YWidget *parent, const std::string &label)
- bool **hasDateField** ()
- YDateField * **createDateField** (YWidget *parent, const std::string &label)

Friends

- class **YNCursesUI**

3.37.1 Detailed Description

Widget factory for optional ("special") widgets.

Remember to always check with the corresponding "has..()" method if the current UI actually provides the requested widget. Otherwise the "create...()" method will throw an exception.

Definition at line 42 of file [NOptionalWidgetFactory.h](#).

3.37.2 Constructor & Destructor Documentation

3.37.2.1 NOptionalWidgetFactory()

```
NOptionalWidgetFactory::NOptionalWidgetFactory ( ) [protected]
```

Constructor.

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

Definition at line 36 of file [NOptionalWidgetFactory.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NOptionalWidgetFactory.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NOptionalWidgetFactory.cc

3.38 NPackageSelectorPluginIf Class Reference

Public Member Functions

- virtual YPackageSelector * **createPackageSelector** (YWidget *parent, long modeFlags)=0
- virtual YEvent * **runPkgSelection** (YDialog *currentDialog, YWidget *packageSelector)=0
- virtual YWidget * **createPkgSpecial** (YWidget *parent, const std::string &subwidget)=0

3.38.1 Detailed Description

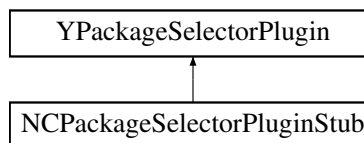
Definition at line 33 of file [NPackageSelectorPluginIf.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NPackageSelectorPluginIf.h

3.39 NPackageSelectorPluginStub Class Reference

Inheritance diagram for NPackageSelectorPluginStub:



Public Member Functions

- [NPackageSelectorPluginStub](#) ()
Constructor: Load the plugin library for the [NCurses](#) package selector.
- virtual [~NPackageSelectorPluginStub](#) ()
Destructor.
- virtual YPackageSelector * [createPackageSelector](#) (YWidget *parent, long modeFlags)
Create a package selector.
- virtual YEvent * [runPkgSelection](#) (YDialog *currentDialog, YWidget *packageSelector)
Fills the PackageSelector widget (runs the package selection).
- virtual YWidget * [createPkgSpecial](#) (YWidget *parent, const std::string &subwidget)
Create a special widget.

Public Attributes

- [NPackageSelectorPluginIf](#) * **impl**

3.39.1 Detailed Description

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

3.39.2 Constructor & Destructor Documentation

3.39.2.1 ~NCPackageSelectorPluginStub()

```
NCPackageSelectorPluginStub::~NCPackageSelectorPluginStub ( ) [virtual]
```

Destructor.

Calls `dlclose()` which will unload the plugin library if it is no longer used, i.e. if the reference count `dlopen()` uses reaches 0.

Definition at line 58 of file [NCPackageSelectorPluginStub.cc](#).

3.39.3 Member Function Documentation

3.39.3.1 createPackageSelector()

```
YPackageSelector * NCPackageSelectorPluginStub::createPackageSelector (
    YWidget * parent,
    long modeFlags ) [virtual]
```

Create a package selector.

Implemented from `YPackageSelectorPlugin`.

This might return 0 if the plugin lib could not be loaded or if the appropriate symbol could not be located in the plugin lib.

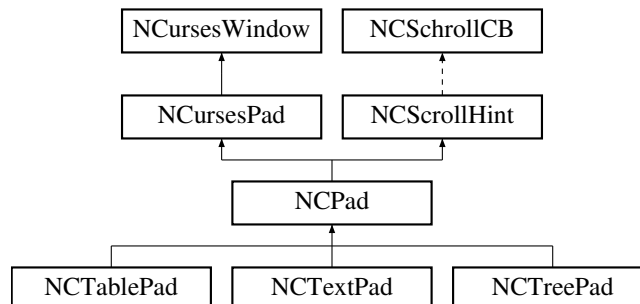
Definition at line 64 of file [NCPackageSelectorPluginStub.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPackageSelectorPluginStub.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPackageSelectorPluginStub.cc`

3.40 NCPad Class Reference

Inheritance diagram for NCPad:



Public Member Functions

- **NCPad** (int [lines](#), int [cols](#), const [NCWidget](#) &p)
- [NCursesWindow](#) * **Destwin** ()
- virtual void **Destwin** ([NCursesWindow](#) *dwin)
- virtual void **resize** ([wsze](#) nsze)
- virtual void **wRecoded** ()
- virtual void **setDirty** ()
- int **update** ()
- virtual int **setpos** ()
- virtual [wpos](#) **CurPos** () const
- int **ScrIto** (const [wpos](#) &newpos)
- int **ScrILine** (const int line)
- int **ScrICol** (const int col)
- int **ScrIDown** (const int [lines](#)=1)
- int **ScrIUp** (const int [lines](#)=1)
- int **ScrIRight** (const int [cols](#)=1)
- int **ScrILeft** (const int [cols](#)=1)
- virtual bool **handleInput** (wint_t key)

Protected Member Functions

- int [vheight](#) () const
The (virtual) height of the Pad (even if truncated).
- bool [pageing](#) () const
Whether the Pad is truncated (we're pageing).
- virtual int **dirtyPad** ()
- virtual int **setpos** (const [wpos](#) &newpos)
- int **adjpos** (const [wpos](#) &offset)
- virtual void **updateScrollHint** ()
- virtual void **directDraw** ([NCursesWindow](#) &w, const [wrect](#) at, unsigned lineno)
Directly draw a table item at a specific location.

Protected Attributes

- const [NCWidget](#) & **parw**
- [NCursesWindow](#) * **destwin**
- [wrect](#) **direct**
- [wrect](#) **srect**
- [wpos](#) **maxdpos**
- [wpos](#) **maxspos**
- bool **dclear**
- bool **dirty**

Additional Inherited Members

3.40.1 Detailed Description

Definition at line 93 of file [NCPad.h](#).

3.40.2 Member Function Documentation

3.40.2.1 directDraw()

```
virtual void NCPad::directDraw (
    NCursesWindow & w,
    const wrect at,
    unsigned lineno ) [inline], [protected], [virtual]
```

Directly draw a table item at a specific location.

update usually copies the visible table content from the [NCursesPad](#) to destwin. In case the [NCursesPad](#) is truncated, the visible lines are prepared immediately before they are written to destwin

See also

[_vheight](#).

Reimplemented in [NCTablePad](#).

Definition at line [151](#) of file [NCPad.h](#).

3.40.2.2 pageing()

```
bool NCPad::pageing ( ) const [inline], [protected]
```

Whether the Pad is truncated (we're pageing).

Definition at line [129](#) of file [NCPad.h](#).

3.40.2.3 vheight()

```
int NCPad::vheight ( ) const [inline], [protected]
```

The (virtual) height of the Pad (even if truncated).

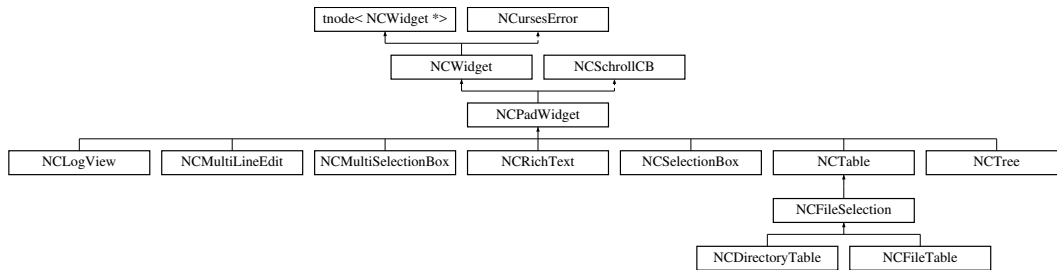
Definition at line [126](#) of file [NCPad.h](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPad.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPad.cc](#)

3.41 NCPadWidget Class Reference

Inheritance diagram for NCPadWidget:



Public Member Functions

- **NCPadWidget** ([NCWidget](#) *myparent=0)
- **NCPadWidget** ([YWidget](#) *parent)
- [size_t](#) **Columns** ()
- void **setLabel** (const [NClabel](#) &nlabel)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual [NCPad](#) * **myPad** () const
Return the current pad.
- void **startMultidraw** ()
- void **stopMultidraw** ()
- bool **inMultidraw** () const
- virtual const char * **location** () const
- unsigned **labelWidth** () const
- virtual void **wCreate** (const [wrect](#) &newrect)
- virtual void **wDelete** ()
- virtual void **wRedraw** ()
- virtual void **wRecoded** ()
- [wsz](#) **defPadSize** () const
- virtual [NCPad](#) * **CreatePad** ()
- virtual void **DrawPad** ()
- void **InitPad** ()
- void **AdjustPad** ([wsz](#) nsze)
- void **DelPad** ()
- virtual void **HScroll** (unsigned total, unsigned visible, unsigned start)
- virtual void **VScroll** (unsigned total, unsigned visible, unsigned start)
- virtual void **ScrollHead** ([NCursesWindow](#) &w, unsigned ccol)
- virtual void **AdjustPadSize** ([wsz](#) &minsze)
- virtual bool **handleInput** (wint_t key)

Protected Attributes

- bool **hasHeadline**
- bool **activeLabelOnly**

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCPadWidget](#) &OBJ)

Additional Inherited Members

3.41.1 Detailed Description

Definition at line 37 of file [NCPadWidget.h](#).

3.41.2 Member Function Documentation

3.41.2.1 myPad()

```
virtual NCPad* NCPadWidget::myPad ( ) const [inline], [protected], [virtual]
```

Return the current pad.

Make it virtual so descendant classes can narrow the return type.

Reimplemented in [NCTable](#), [NCTree](#), [NCMultiSelectionBox](#), [NCMultiLineEdit](#), and [NCSelectionBox](#).

Definition at line 62 of file [NCPadWidget.h](#).

3.41.2.2 setEnabled()

```
virtual void NCPadWidget::setEnabled (
    bool do_bv ) [inline], [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via [YWidget::setEnabled](#) perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

Reimplemented in [NCRichText](#), [NCMultiSelectionBox](#), [NCTree](#), [NCSelectionBox](#), [NCMultiLineEdit](#), [NCTable](#), and [NCLogView](#).

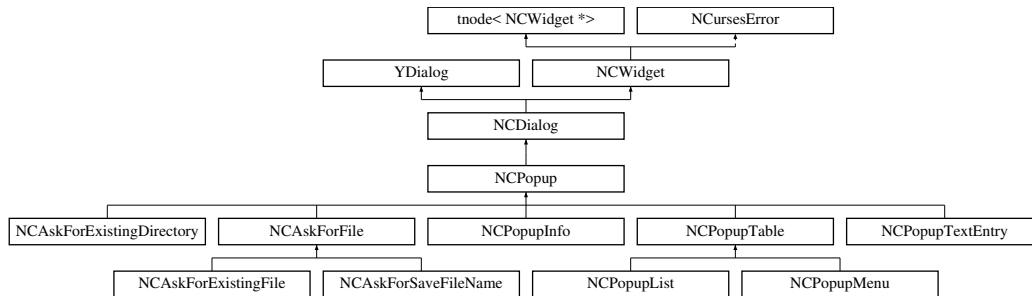
Definition at line 123 of file [NCPadWidget.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPadWidget.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPadWidget.cc

3.42 NCPopup Class Reference

Inheritance diagram for NCPopup:



Public Member Functions

- int **post** ([NCursesEvent](#) *returnevent=0)

Protected Member Functions

- void **popupDialog** ()
- void **popdownDialog** ()
- virtual [NCursesEvent](#) **wHandleInput** (wint_t ch)
- **NCPopup** (const [wpos](#) at, const bool boxed=true)
- virtual bool **postAgain** ()

Protected Attributes

- [NCursesEvent](#) **postevent**

Additional Inherited Members

3.42.1 Detailed Description

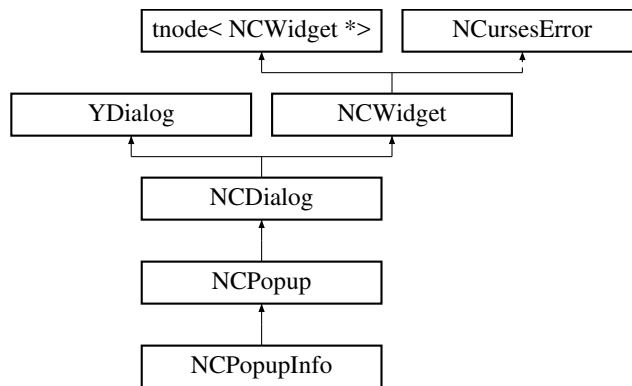
Definition at line 33 of file [NCPopup.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopup.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopup.cc

3.43 NCPopupInfo Class Reference

Inheritance diagram for NCPopupInfo:



Public Member Functions

- **NCPopupInfo** (const [wpos](#) at, const std::string &headline, const std::string &text, std::string okButtonLabel=_↵ ("&OK"), std::string cancelButtonLabel="")
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- void **createLayout** (const std::string &headline, const std::string &text, std::string okButtonLabel, std::string cancelButtonLabel)
- [NCursesEvent](#) & **showInfoPopup** ()
- void **popup** ()
- void **popdown** ()
- bool **isVisible** ()
- void **setPreferredSize** (int horiz, int vert)
- void **focusOkButton** ()
- void **focusCancelButton** ()

Protected Member Functions

- virtual bool **postAgain** ()
- virtual [NCursesEvent](#) **wHandleInput** (wint_t ch)

Additional Inherited Members

3.43.1 Detailed Description

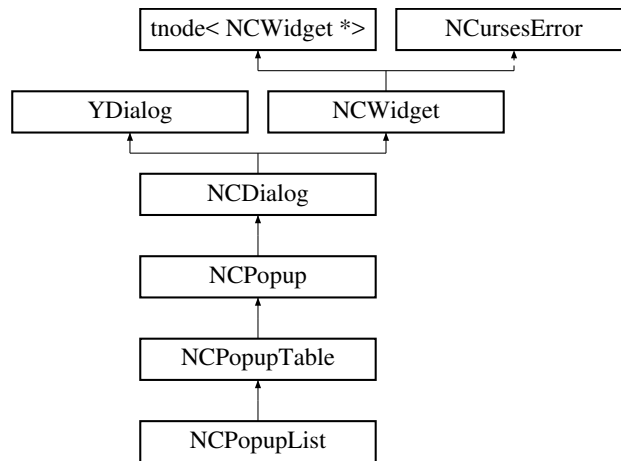
Definition at line 48 of file [NCPopupInfo.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopupInfo.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopupInfo.cc

3.44 NCPopupList Class Reference

Inheritance diagram for NCPopupList:



Public Member Functions

- **NCPopupList** (const [wpos](#) at, const std::string &label, const std::list< std::string > &deflist, int index=0)
- void **createEntries** (const std::list< std::string > &deflist, int index)

Protected Member Functions

- virtual bool **postAgain** ()

Additional Inherited Members

3.44.1 Detailed Description

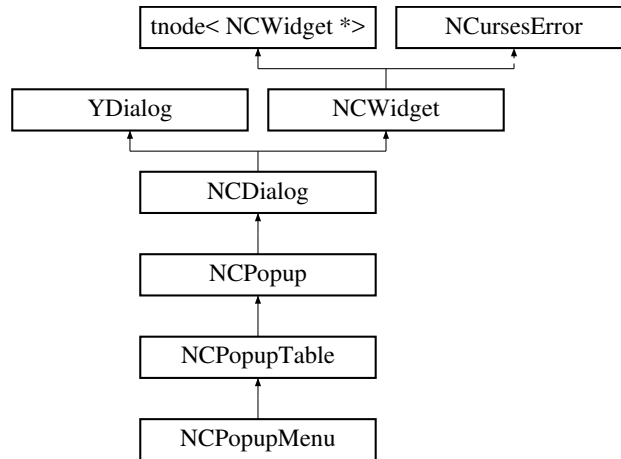
Definition at line [34](#) of file [NCPopupList.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopupList.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopupList.cc

3.45 NCPopupMenu Class Reference

Inheritance diagram for NCPopupMenu:



Public Member Functions

- **NCPopupMenu** (const [wpos](#) at, YItemIterator begin, YItemIterator end)

Protected Member Functions

- virtual [NCursesEvent](#) **wHandleInput** (wint_t ch)
- virtual bool **postAgain** ()

Additional Inherited Members

3.45.1 Detailed Description

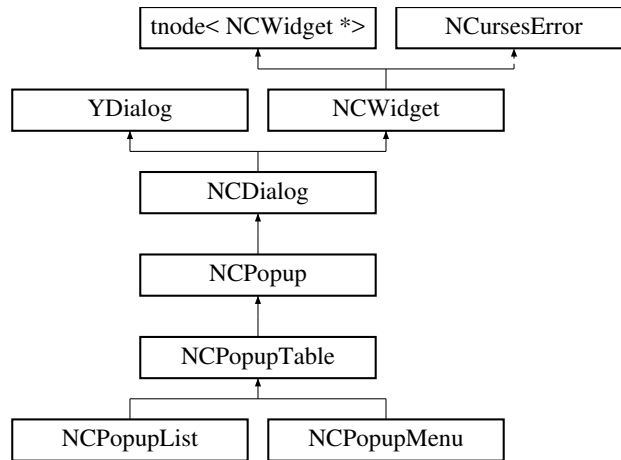
Definition at line 35 of file [NCPopupMenu.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopupMenu.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopupMenu.cc

3.46 NCPopupTable Class Reference

Inheritance diagram for NCPopupTable:



Public Member Functions

- void **stripHotkeys** ()

Protected Member Functions

- void **createList** (std::vector< std::string > &row)
- void **addItem** (YItem *yitem)
- void **setCurrentItem** (int index)
- int **getCurrentItem** () const
- YItem * **getCurrentItemPointer** () const
- virtual [NCursesEvent](#) **wHandleHotkey** (wint_t ch)
- **NCPopupTable** (const [wpos](#) at)
- virtual bool **postAgain** ()

Additional Inherited Members

3.46.1 Detailed Description

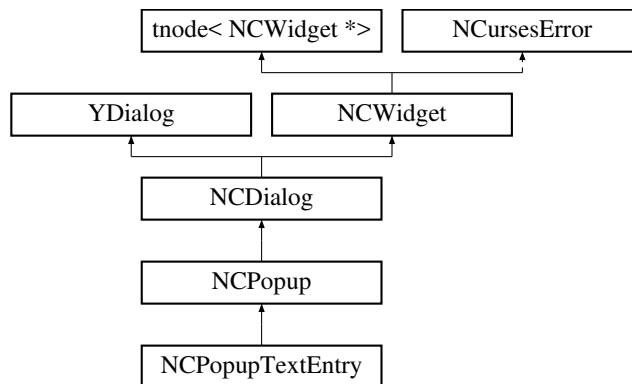
Definition at line 39 of file [NCPopupTable.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopupTable.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopupTable.cc

3.47 NCPopupTextEntry Class Reference

Inheritance diagram for NCPopupTextEntry:



Public Member Functions

- **NCPopupTextEntry** (const [wpos](#) at, const std::string &label, const std::string &text, unsigned maxInput=0, unsigned maxFld=0, NCInputField::FTYPE t=NCInputField::PLAIN)
- void **setValue** (const std::string &text)
- std::string **value** ()

Additional Inherited Members

3.47.1 Detailed Description

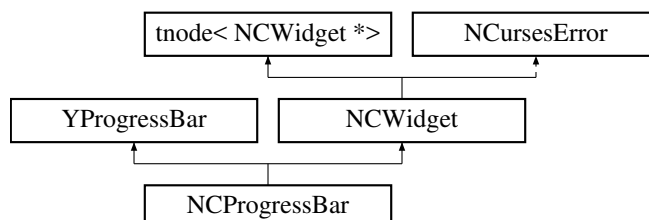
Definition at line 35 of file [NCPopupTextEntry.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopupTextEntry.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPopupTextEntry.cc

3.48 NCProgressBar Class Reference

Inheritance diagram for NCProgressBar:



Public Member Functions

- **NCPProgressBar** (YWidget *parent, const std::string &label, int maxValue=100)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **setValue** (int newValue)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wCreate** (const [wrect](#) &newrect)
- virtual void **wDelete** ()
- virtual void **wRedraw** ()

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCPProgressBar](#) &OBJ)

Additional Inherited Members

3.48.1 Detailed Description

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

3.48.2 Member Function Documentation

3.48.2.1 setEnabled()

```
void NCPProgressBar::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

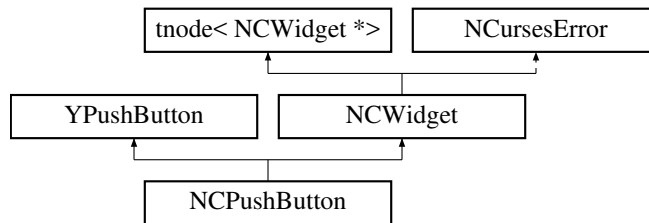
Definition at line 77 of file [NCPProgressBar.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPProgressBar.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPProgressBar.cc

3.49 NCPushButton Class Reference

Inheritance diagram for NCPushButton:



Public Member Functions

- **NCPushButton** (YWidget *parent, const std::string &label)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void [setEnabled](#) (bool do_bv)

Pure virtual to make sure every widget implements it.

- virtual bool **setKeyboardFocus** ()

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wRedraw** ()

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCPushButton](#) &OBJ)

Additional Inherited Members

3.49.1 Detailed Description

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

3.49.2 Member Function Documentation

3.49.2.1 `setEnabled()`

```
void NCPushButton::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

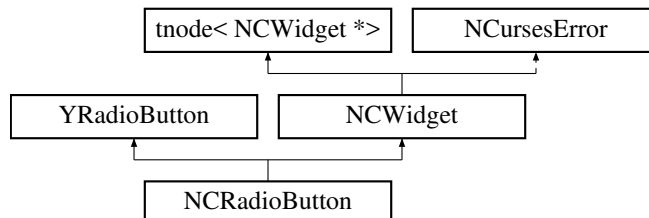
Definition at line 62 of file [NCPushButton.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPushButton.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPushButton.cc`

3.50 NCRadioButton Class Reference

Inheritance diagram for NCRadioButton:



Public Member Functions

- **NCRadioButton** (`YWidget *parent`, `const std::string &label`, `bool checked`)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **setValue** (bool newval)
- virtual bool **value** ()
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void [setEnabled](#) (bool do_bv)

Pure virtual to make sure every widget implements it.

- virtual bool **setKeyboardFocus** ()

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wRedraw** ()

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCRadioButton](#) &OBJ)

Additional Inherited Members

3.50.1 Detailed Description

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

3.50.2 Member Function Documentation

3.50.2.1 setEnabled()

```
void NCRadioButton::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

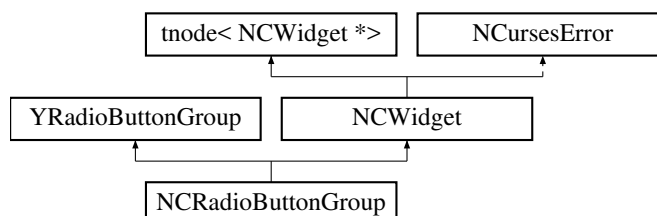
Definition at line 64 of file [NCRadioButton.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCRadioButton.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCRadioButton.cc

3.51 NCRadioButtonGroup Class Reference

Inheritance diagram for NCRadioButtonGroup:



Public Member Functions

- **NCRadioButtonGroup** (YWidget *parent)
 - virtual int **preferredWidth** ()
 - virtual int **preferredHeight** ()
 - virtual void **setSize** (int newWidth, int newHeight)
 - virtual void **addRadioButton** (YRadioButton *button)
 - virtual void **removeRadioButton** (YRadioButton *button)
 - virtual void **setEnabled** (bool do_bv)
- Pure virtual to make sure every widget implements it.*
- void **focusNextButton** ()
 - void **focusPrevButton** ()

Protected Member Functions

- virtual const char * **location** () const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCRadioButtonGroup](#) &OBJ)

Additional Inherited Members

3.51.1 Detailed Description

Definition at line 37 of file [NCRadioButtonGroup.h](#).

3.51.2 Member Function Documentation

3.51.2.1 setEnabled()

```
void NCRadioButtonGroup::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

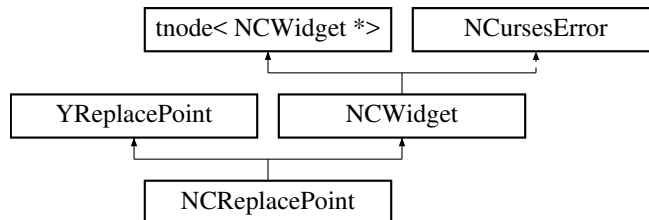
Definition at line 116 of file [NCRadioButtonGroup.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCRadioButtonGroup.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCRadioButtonGroup.cc

3.52 NCReplacePoint Class Reference

Inheritance diagram for NCReplacePoint:



Public Member Functions

- **NCReplacePoint** (YWidget *parent)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual const char * **location** () const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCReplacePoint](#) &OBJ)

Additional Inherited Members

3.52.1 Detailed Description

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

3.52.2 Member Function Documentation

3.52.2.1 `setEnabled()`

```
void NCReplacePoint::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

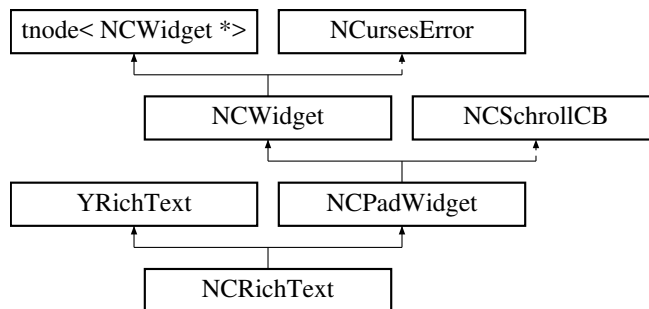
Definition at line 53 of file [NCReplacePoint.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCReplacePoint.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCReplacePoint.cc`

3.53 NCRichText Class Reference

Inheritance diagram for `NCRichText`:



Public Member Functions

- **NCRichText** (`YWidget *parent`, `const std::string &text`, `bool plainTextMode=false`)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void **setValue** (const std::string &text)
- virtual void [setEnabled](#) (bool do_bv)

Pure virtual to make sure every widget implements it.

- virtual bool **setKeyboardFocus** ()

Protected Member Functions

- virtual const char * **location** () const
- virtual void **wRedraw** ()
- virtual void **wRecoded** ()
- virtual [NCPad](#) * **CreatePad** ()
- virtual void **DrawPad** ()
- virtual void **HScroll** (unsigned total, unsigned visible, unsigned start)
- virtual void **VScroll** (unsigned total, unsigned visible, unsigned start)
- virtual bool **handleInput** (wint_t key)

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCRichText](#) &OBJ)

Additional Inherited Members

3.53.1 Detailed Description

Definition at line 35 of file [NCRichText.h](#).

3.53.2 Member Function Documentation

3.53.2.1 [setEnabled\(\)](#)

```
void NCRichText::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Reimplemented from [NCPadWidget](#).

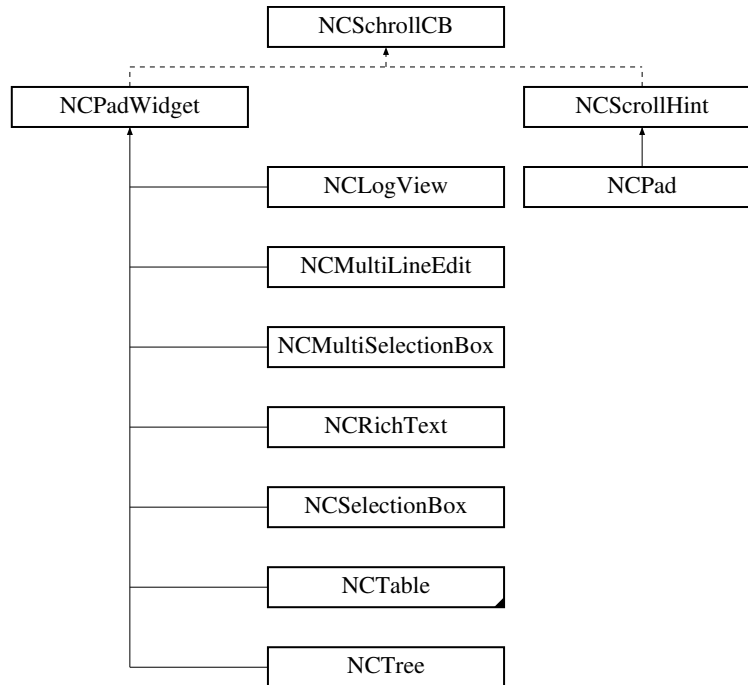
Definition at line 204 of file [NCRichText.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCRichText.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCRichText.cc

3.54 NCSchrollCB Class Reference

Inheritance diagram for NCSchrollCB:



Public Member Functions

- virtual void **HScroll** (unsigned total, unsigned visible, unsigned start)
- virtual void **VScroll** (unsigned total, unsigned visible, unsigned start)
- virtual void **ScrollHead** ([NCursesWindow](#) &w, unsigned ccol)
- virtual void **AdjustPadSize** ([wsz](#) &minsze)

3.54.1 Detailed Description

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

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPad.h](#)

3.55 NCScrollbar Class Reference

Public Types

- enum **orientation** { **HORZ**, **VERT** }

Public Member Functions

- **NCScrollbar** (const [NCWidget](#) &parwid, [NCursesWindow](#) &par, [wpos](#) p, unsigned l, orientation orient)
- void **set** (unsigned tot, unsigned vis, unsigned start)

3.55.1 Detailed Description

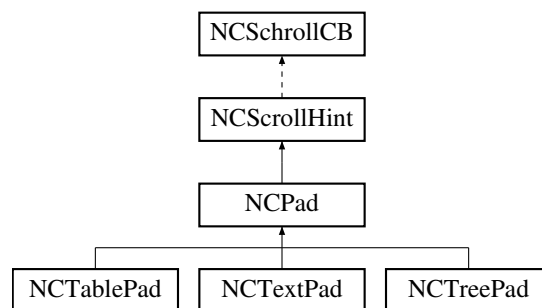
Definition at line 30 of file [NCPadWidget.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPadWidget.cc

3.56 NCScrollHint Class Reference

Inheritance diagram for NCScrollHint:



Public Member Functions

- void **SendSchrollCB** ([NCSchrollCB](#) *to)
- virtual void **SendHead** ()

Protected Member Functions

- virtual void **SetHead** ([NCursesWindow](#) &w, unsigned ccol)
- void **VSet** (unsigned total, unsigned visible, unsigned start)
- void **HSet** (unsigned total, unsigned visible, unsigned start)
- virtual void **SetPadSize** ([wsz](#) &minsz)

3.56.1 Detailed Description

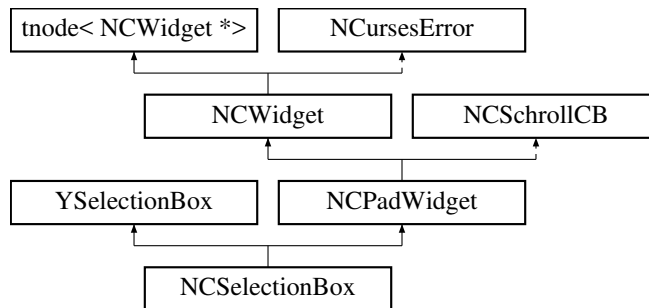
Definition at line 50 of file [NCPad.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCPad.h

3.57 NCSelectionBox Class Reference

Inheritance diagram for NCSelectionBox:



Public Member Functions

- **NCSelectionBox** (YWidget *parent, const std::string &label)
- bool **bigList** () const
- void **setBigList** (const bool big)
- virtual void **addItem** (YItem *item)
- virtual void **addItem** (const std::string &itemLabel, bool selected=false)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual int **getCurrentItem** ()
- virtual void **setCurrentItem** (int index)
- virtual void **selectItem** (YItem *item, bool selected)
- virtual void **selectItem** (int index)
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
- virtual void [setEnabled](#) (bool do_bv)

Pure virtual to make sure every widget implements it.

- virtual bool **setKeyboardFocus** ()
- std::string **getLine** (const int &index)
- void **clearTable** ()
- void [deleteAllItems](#) ()

Clear the table and the lists holding the values.

Protected Member Functions

- virtual [NCTablePad](#) * **myPad** () const
- *Overload myPad to narrow the type.*
- virtual const char * **location** () const
- virtual [NCPad](#) * **CreatePad** ()
- virtual void **wRecorded** ()

Protected Attributes

- bool **biglist**

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCSelectionBox](#) &OBJ)

Additional Inherited Members

3.57.1 Detailed Description

Definition at line 35 of file [NCSelectionBox.h](#).

3.57.2 Member Function Documentation

3.57.2.1 setEnabled()

```
void NCSelectionBox::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Reimplemented from [NCPadWidget](#).

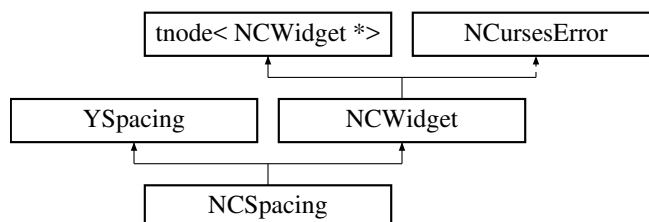
Definition at line 68 of file [NCSelectionBox.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCSelectionBox.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCSelectionBox.cc

3.58 NCSpacing Class Reference

Inheritance diagram for NCSpacing:



Public Member Functions

- **NCSpacing** (YWidget *parent, YUIDimension dim, bool stretchable=false, YLayoutSize_t layoutUnits=0.0)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual const char * **location** () const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCSpacing](#) &OBJ)

Additional Inherited Members

3.58.1 Detailed Description

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

3.58.2 Member Function Documentation

3.58.2.1 [setEnabled\(\)](#)

```
void NCSpacing::setEnabled (  
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

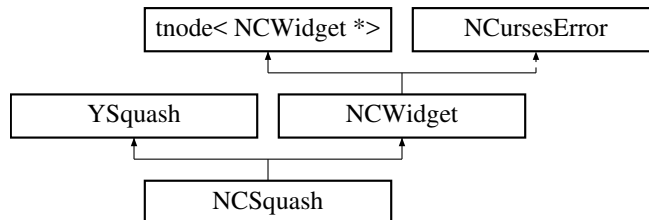
Definition at line 62 of file [NCSpacing.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCSpacing.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCSpacing.cc

3.59 NCSquash Class Reference

Inheritance diagram for NCSquash:



Public Member Functions

- **NCSquash** (YWidget *parent, bool hsquash, bool vsquash)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setEnabled** (bool do_bv)

Pure virtual to make sure every widget implements it.

Protected Member Functions

- virtual const char * **location** () const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCSquash](#) &OBJ)

Additional Inherited Members

3.59.1 Detailed Description

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

3.59.2 Member Function Documentation

3.59.2.1 `setEnabled()`

```
void NCSquash::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implements [NCWidget](#).

Definition at line 55 of file [NCSquash.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCSquash.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCSquash.cc](#)

3.60 NCstring Class Reference

Public Member Functions

- **NCstring** (const [NCstring](#) &nstr)
- **NCstring** (const std::wstring &wstr)
- **NCstring** (const std::string &str)
- **NCstring** (const char *cstr)
- std::string **Str** () const
- [NCstring](#) & **operator=** (const [NCstring](#) &nstr)
- [NCstring](#) & **operator+=** (const [NCstring](#) &nstr)
- const std::wstring & **str** () const
- void **getHotkey** () const

Static Public Member Functions

- static bool **RecodeToWchar** (const std::string &in, const std::string &from_encoding, std::wstring *out)
- static bool **RecodeFromWchar** (const std::wstring &in, const std::string &to_encoding, std::string *out)
- static const std::string & **terminalEncoding** ()
- static bool **setTerminalEncoding** (const std::string &encoding="")

Friends

- class **NCLabel**
- std::ostream & **operator<<** (std::ostream &STREAM, const [NCstring](#) &OBJ)

3.60.1 Detailed Description

Definition at line 32 of file [NCstring.h](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstring.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstring.cc](#)

3.61 NCstyle Class Reference

Classes

- struct [StBase](#)
- struct [STChar](#)
- struct [StDialog](#)
- struct [StItem](#)
- struct [StList](#)
- struct [StProgbars](#)
- struct [StRichText](#)
- struct [StWidget](#)
- class [Style](#)

Public Types

- enum [STglobal](#) { [AppTitle](#), [AppText](#), [MaxSTglobal](#) }
- enum [STlocal](#) { [DialogBorder](#), [DialogTitle](#), [DialogActiveBorder](#), [DialogActiveTitle](#), [DialogText](#), [DialogHeadline](#), [DialogDisabled](#), [DialogPlain](#), [DialogLabel](#), [DialogData](#), [DialogHint](#), [DialogScrl](#), [DialogActivePlain](#), [DialogActiveLabel](#), [DialogActiveData](#), [DialogActiveHint](#), [DialogActiveScrl](#), [DialogFramePlain](#), [DialogFrameLabel](#), [DialogFrameData](#), [DialogFrameHint](#), [DialogFrameScrl](#), [DialogActiveFramePlain](#), [DialogActiveFrameLabel](#), [DialogActiveFrameData](#), [DialogActiveFrameHint](#), [DialogActiveFrameScrl](#), [ListTitle](#), [ListPlain](#), [ListLabel](#), [ListData](#), [ListHint](#), [ListSelPlain](#), [ListSelLabel](#), [ListSelData](#), [ListSelHint](#), [ListActiveTitle](#), [ListActivePlain](#), [ListActiveLabel](#), [ListActiveData](#), [ListActiveHint](#), [ListActiveSelPlain](#), [ListActiveSelLabel](#), [ListActiveSelData](#), [ListActiveSelHint](#), [RichTextPlain](#), [RichTextTitle](#), [RichTextLink](#), [RichTextArmedlink](#), [RichTextActiveArmedlink](#), [RichTextVisitedLink](#), [RichTextB](#), [RichTextI](#), [RichTextT](#), [RichTextBI](#), [RichTextBT](#), [RichTextIT](#), [RichTextBIT](#), [ProgbarsCh](#), [ProgbarsBgch](#), [TextCursor](#), [MaxSTlocal](#) }
- enum [StyleSet](#) { [DefaultStyle](#), [InfoStyle](#), [WarnStyle](#), [PopupStyle](#), [MaxStyleSet](#) }

Public Member Functions

- **NCstyle** (std::string term_t)
- const ctype & **operator()** (STglobal a) const
- const [Style](#) & **operator[]** (StyleSet a) const
- void **changeSyle** ()
- void **nextStyle** ()

Static Public Member Functions

- static std::string **dumpName** (StyleSet a)
- static std::string **dumpName** (STglobal a)
- static std::string **dumpName** (STlocal a)

Friends

- class **NCStyleDef**

3.61.1 Detailed Description

Definition at line 232 of file [NCstyle.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.cc

3.62 NCStyleDef Class Reference

Classes

- struct [Aset](#)
- struct [lookupIdx](#)
helper struct to std::map strings to [NCstyle](#) enum values
- struct [queryCharEnt](#)
- struct [SubWin](#)
[SubWin](#): base class for the windows used.
- struct [Wchattr](#)
[Wchattr](#): handle modification of the current attribute std::set.
- struct [Wchstat](#)
[Wchstat](#): show current attributes definition.
- struct [Wex](#)
[Wex](#): popup and down the example Dialog.
- struct [Wset](#)
[Wset](#): Selection of the current attribute std::set to process.
- struct [Wstyle](#)
[Wstyle](#): Selection of the current [NCstyle::StyleSet](#) to process.

Public Types

- enum **ExMode** { **EX_OFF**, **EX_ON**, **EX_TOGGLE**, **EX_UPDATE** }
- enum **SetType** {
Global = 0, **DialogBorder**, **DialogBorderActive**, **DialogText**,
Widget, **WidgetActive**, **FrameWidget**, **FrameWidgetActive**,
List, **ListActive**, **RichText**, **ProgressBar**,
MaxSetType }

Public Member Functions

- void **pbox** (bool on=false)
- int **movePad** (int key=-1)
- const chtype & **attr** (NCstyle::STglobal a)
- const chtype & **attr** (NCstyle::STlocal a)
- void **doshowset** (SetType a, bool reset=false)
- void **doshowstat** (const [Aset](#) &a)
- **NCStyleDef** ([NCstyle](#) &style)
- void **changeStyle** ()
- void **saveStyle** ()
- std::ostream & **dumpChtype** (std::ostream &str, const chtype &ch)
- void **restoreStyle** ()
- void **showHelp** ()

Static Public Member Functions

- static const [NCursesPanel](#) & **pad** ()
- static void **refresh** ()
- static int **movepad** (int key=-1)
- static void **showex** (ExMode mode)
- static void **fakestyle** (NCstyle::StyleSet style)
- static void **attrchanged** ()
- static std::string **dumpName** (SetType a)
- static void **showset** (SetType a)
- static chtype **queryChar** (int column=0, chtype selbg=A_REVERSE)
- static void **showstat** (const [Aset](#) &a)
- static const char * **dumpColor** (short c)

Public Attributes

- [NCstyle](#) & **NCstyle_C**
- [NCursesPanel](#) **p**
- [Wstyle](#) **wStyle**
- [Wset](#) **wSet**
- [Wchstat](#) **wChstat**
- [Wchattr](#) **wChattr**
- [Wex](#) **wEx**

Static Public Attributes

- static [NCStyleDef](#) * **NCStyleDef_p** = 0

3.62.1 Detailed Description

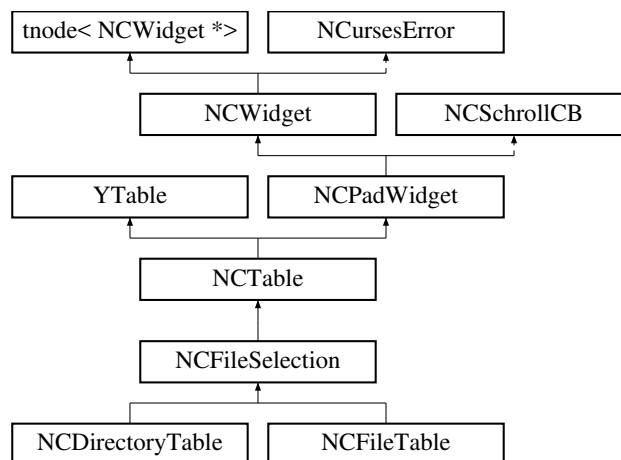
Definition at line 37 of file [NCStyleDef.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCStyleDef.cc

3.63 NCTable Class Reference

Inheritance diagram for NCTable:



Public Member Functions

- **NCTable** (YWidget *parent, YTableHeader *tableHeader, bool multiSelection=false)
- 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 chtype 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)
- Pure virtual to make sure every widget implements it.*
- bool **setItemByKey** (int key)
 - virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
 - virtual bool **setKeyboardFocus** ()
 - void **stripHotkeys** ()
 - void **setSortStrategy** ([NCTableSortStrategyBase](#) *newStrategy)

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**
- bool **multiselect**

Friends

- std::ostream & **operator<<** (std::ostream &STREAM, const [NCTable](#) &OBJ)

Additional Inherited Members

3.63.1 Detailed Description

Definition at line 35 of file [NCTable.h](#).

3.63.2 Member Function Documentation

3.63.2.1 `setEnabled()`

```
void NCTable::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to `NCTable::setEnabled`.

Reimplemented from `NCPadWidget`.

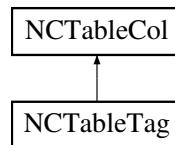
Definition at line 467 of file `NCTable.cc`.

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTable.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTable.cc`

3.64 NCTableCol Class Reference

Inheritance diagram for `NCTableCol`:



Public Types

- enum **STYLE** {
NONE = 0, **PLAIN**, **DATA**, **ACTIVEDATA**,
HINT, **SEPARATOR** }

Public Member Functions

- **NCTableCol** (const `NCString` &l="", const `STYLE` &st=ACTIVEDATA)
- const `NLabel` & **Label** () const
- virtual void **SetLabel** (const `NLabel` &l)
- void **stripHotkey** ()
- virtual `wsz` **Size** () const
- virtual void **DrawAt** (`NCursesWindow` &w, const `wrect` at, `NCTableStyle` &tableStyle, `NCTableLine::STATE` line-state, unsigned colidx) const
- bool **hasHotkey** () const
- unsigned char **hotkey** () const

Protected Member Functions

- chtype **setBkgd** ([NCursesWindow](#) &w, [NCTableStyle](#) &tableStyle, NCTableLine::STATE linestate, STYLE colstyle) const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCTableCol](#) &OBJ)

3.64.1 Detailed Description

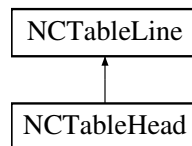
Definition at line 141 of file [NCTableItem.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTableItem.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTableItem.cc

3.65 NCTableHead Class Reference

Inheritance diagram for NCTableHead:



Public Member Functions

- **NCTableHead** (unsigned cols)
- **NCTableHead** (std::vector< [NCTableCol](#) *> &nItems)
- virtual void **DrawAt** ([NCursesWindow](#) &w, const [wrect](#) at, [NCTableStyle](#) &tableStyle, bool active) const

Additional Inherited Members

3.65.1 Detailed Description

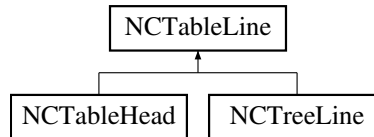
Definition at line 197 of file [NCTableItem.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTableItem.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTableItem.cc

3.66 NTableLine Class Reference

Inheritance diagram for NTableLine:



Public Types

- enum **STATE** {
S_NORMAL = 0x00, **S_ACTIVE** = 0x01, **S_DISABLED** = 0x10, **S_HIDDEN** = 0x20,
S_HEADLINE = 0x40 }

Public Member Functions

- **NTableLine** (unsigned cols, int index=-1, const unsigned s=S_NORMAL)
- **NTableLine** (std::vector< [NTableCol](#) *> &nItems, int index=-1, const unsigned s=S_NORMAL)
- void **setOrigItem** (YTableItem *it)
- YTableItem * **origItem** () const
- unsigned **Cols** () const
- void **SetCols** (unsigned idx)
- void **SetCols** (std::vector< [NTableCol](#) *> &nItems)
- void **ClearLine** ()
- std::vector< [NTableCol](#) * > **GetItems** () const
- void **Append** ([NTableCol](#) *item)
- void **AddCol** (unsigned idx, [NTableCol](#) *item)
- void **DelCol** (unsigned idx)
- [NTableCol](#) * **GetCol** (unsigned idx)
- const [NTableCol](#) * **GetCol** (unsigned idx) const
- void **SetState** (const STATE s)
- void **ClearState** (const STATE s)
- bool **isHidden** () const
- bool **isDisabled** () const
- bool **isSpecial** () const
- bool **isActive** () const
- virtual bool **isVisible** () const
- virtual bool **isEnabled** () const
- int **getIndex** () const
- virtual int **handleInput** (wint_t key)
- virtual int **ChangeToVisible** ()
- virtual unsigned **Hotspot** (unsigned &at) const
- virtual void **UpdateFormat** ([NTableStyle](#) &tableStyle)
- virtual void **DrawAt** ([NCursesWindow](#) &w, const [wrect](#) at, [NTableStyle](#) &tableStyle, bool active) const
- void **stripHotkeys** ()

Protected Member Functions

- virtual void **DrawItems** ([NCursesWindow](#) &w, const [wrect](#) at, [NCTableStyle](#) &tableStyle, bool active) const

Protected Attributes

- STATE **vstate**

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCTableLine](#) &OBJ)

3.66.1 Detailed Description

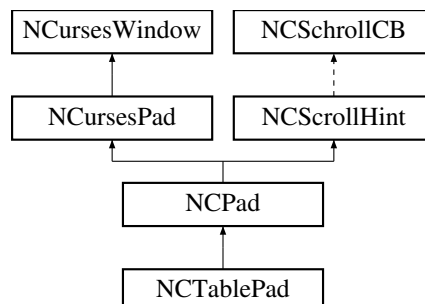
Definition at line 39 of file [NCTableItem.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTableItem.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTableItem.cc

3.67 NCTablePad Class Reference

Inheritance diagram for NCTablePad:



Public Member Functions

- **NCTablePad** (int [lines](#), int [cols](#), const [NCWidget](#) &p)
- virtual void **wRecorded** ()
- virtual [wpos](#) **CurPos** () const
- virtual bool **handleInput** (wint_t key)
- bool **setItemByKey** (int key)
- [wsz](#) **tableSize** ()
- void **setOrder** (int column, bool do_reverse=false)
- bool **SetHeadline** (const std::vector< [NCstring](#) > &head)
- virtual void **SendHead** ()
- void **SetSepChar** (const chtype colSepchar)
- void **SetSepWidth** (const unsigned sepwidth)
- void **SetHotCol** (const int hcol)
- unsigned **Cols** () const
- unsigned **Lines** () const
- unsigned **HotCol** () const
- void **SetLines** (unsigned idx)
- void **SetLines** (std::vector< [NCTableLine](#) *> &nItems)
- void **ClearTable** ()
- void **Append** ([NCTableLine](#) *item)
- void **Append** (std::vector< [NCTableCol](#) *> &nItems, int index=-1)
- void **AddLine** (unsigned idx, [NCTableLine](#) *item)
- void **DelLine** (unsigned idx)
- const [NCTableLine](#) * **GetLine** (unsigned idx) const
- [NCTableLine](#) * **ModifyLine** (unsigned idx)
- void **stripHotkeys** ()
- void **setSortStrategy** ([NCTableSortStrategyBase](#) *newSortStrategy)

Protected Member Functions

- void **DirtyFormat** ()
- virtual [wsz](#) **UpdateFormat** ()
- virtual int **dirtyPad** ()
- virtual int **setpos** (const [wpos](#) &newpos)
- virtual int **DoRedraw** ()
- virtual void **updateScrollHint** ()
- virtual void **directDraw** ([NCursesWindow](#) &w, const [wrect](#) at, unsigned lineno)

Directly draw a table item at a specific location.

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCTablePad](#) &OBJ)

Additional Inherited Members

3.67.1 Detailed Description

Definition at line 155 of file [NCTablePad.h](#).

3.67.2 Member Function Documentation

3.67.2.1 directDraw()

```
void NCTablePad::directDraw (
    NCursesWindow & w,
    const wrect at,
    unsigned lineno ) [protected], [virtual]
```

Directly draw a table item at a specific location.

update usually copies the visible table content from the [NCursesPad](#) to destwin. In case the [NCursesPad](#) is truncated, the visible lines are prepared immediately before they are written to destwin

See also

[_vheight](#).

Reimplemented from [NCPad](#).

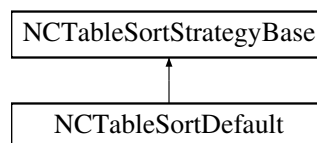
Definition at line 243 of file [NCTablePad.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTablePad.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTablePad.cc](#)

3.68 NCTableSortDefault Class Reference

Inheritance diagram for NCTableSortDefault:



Public Member Functions

- virtual void **sort** (std::vector< [NCTableLine](#) *>::iterator itemsBegin, std::vector< [NCTableLine](#) *>::iterator itemsEnd, int uiColumn)

3.68.1 Detailed Description

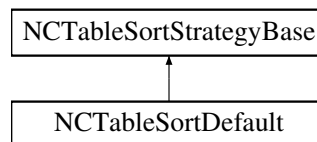
Definition at line 60 of file [NCTablePad.h](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTablePad.h](#)

3.69 NCTableSortStrategyBase Class Reference

Inheritance diagram for NCTableSortStrategyBase:



Public Member Functions

- virtual void **sort** (std::vector< [NCTableLine](#) *>::iterator itemsBegin, std::vector< [NCTableLine](#) *>::iterator itemsEnd, int uiColumn)=0
- int **getColumn** ()
- void **setColumn** (int column)

3.69.1 Detailed Description

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

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTablePad.h](#)

3.70 NTableStyle Class Reference

Public Member Functions

- **NTableStyle** (const [NCWidget](#) &p)
- bool **SetStyleFrom** (const std::vector< [NCstring](#) > &head)
- void **SetSepChar** (const ctype sepchar)
- void **SetSepWidth** (const unsigned sepwidth)
- void **SetHotCol** (const int hcol)
- void **ResetToMinCols** ()
- void **AssertMinCols** (unsigned num)
- void **MinColWidth** (unsigned num, unsigned val)
- NC::ADJUST **ColAdjust** (unsigned num) const
- unsigned **Cols** () const
- unsigned **ColWidth** (unsigned num) const
- unsigned **ColSepwidth** () const
- ctype **ColSepchar** () const
- unsigned **HotCol** () const
- const [NCstyle::StList](#) & **listStyle** () const
- ctype **getBG** () const
- ctype **getBG** (const NTableLine::STATE lstate, const NTableCol::STYLE cstyle=NTableCol::PLAIN) const
- ctype **highlightBG** (const NTableLine::STATE lstate, const NTableCol::STYLE cstyle, const NTableCol::STYLE dstyle=NTableCol::PLAIN) const
- ctype **hotBG** (const NTableLine::STATE lstate, unsigned colidx) const
- const [NTableLine](#) & **Headline** () const
- unsigned **TableWidth** () const

Static Public Attributes

- static const ctype **currentBG** = (ctype) - 1

Friends

- std::ostream & **operator<<** (std::ostream &STREAM, const [NTableStyle](#) &OBJ)

3.70.1 Detailed Description

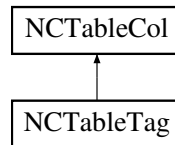
Definition at line 217 of file [NTableItem.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NTableItem.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NTableItem.cc

3.71 NCTableTag Class Reference

Inheritance diagram for NCTableTag:



Public Member Functions

- **NCTableTag** (YItem *item, const bool sel=false)
- virtual void **SetLabel** (const [NCstring](#) &)
- virtual void **DrawAt** ([NCursesWindow](#) &w, const [wrect](#) at, [NCTableStyle](#) &tableStyle, NCTableLine::STATE lines-
tate, unsigned colidx) const
- void **SetSelected** (const bool sel)
- bool **Selected** () const
- YItem * **origItem** ()

Additional Inherited Members

3.71.1 Detailed Description

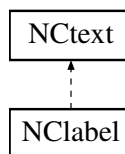
Definition at line 112 of file [NCTablePad.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTablePad.h

3.72 NCtext Class Reference

Inheritance diagram for NCtext:



Public Types

- typedef std::list< [NCstring](#) >::iterator **iterator**
- typedef std::list< [NCstring](#) >::const_iterator **const_iterator**

Public Member Functions

- **NCtext** (const [NCstring](#) &nstr="")
- **NCtext** (const [NCstring](#) &nstr, size_t columns)
- unsigned **Lines** () const
- size_t **Columns** () const
- void **append** (const [NCstring](#) &line)
- const std::list< [NCstring](#) > & **Text** () const
- const [NCstring](#) & **operator[]** (std::wstring::size_type idx) const
- const_iterator **begin** () const
- const_iterator **end** () const

Protected Member Functions

- virtual void **lset** (const [NCstring](#) &text)
- void **lbrset** (const [NCstring](#) &text, size_t columns)

Protected Attributes

- std::list< [NCstring](#) > **mtext**

Friends

- std::ostream & **operator<<** (std::ostream &STREAM, const [NCtext](#) &OBJ)

3.72.1 Detailed Description

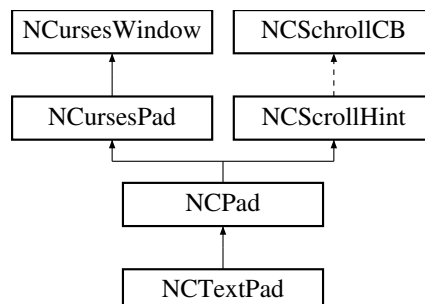
Definition at line 37 of file [NCtext.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCtext.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCtext.cc

3.73 NCTextPad Class Reference

Inheritance diagram for NCTextPad:



Public Member Functions

- **NCTextPad** (int lines, int cols, const NCWidget &p)
- virtual void **resize** (wsz nsz)
- virtual int **setpos** ()
- virtual wpos **CurPos** () const
- virtual bool **handleInput** (wint_t key)
- void **setText** (const NCtext &text)
- std::wstring **getText** () const
- void **setInputMaxLength** (int nr)

Protected Member Functions

- virtual int **setpos** (const wpos &newpos)

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const NCTextPad &OBJ)

Additional Inherited Members

3.73.1 Detailed Description

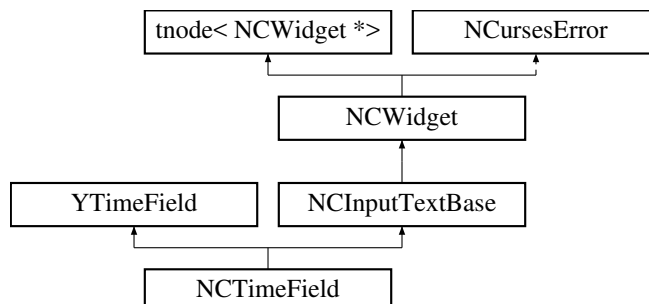
Definition at line 35 of file [NCTextPad.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTextPad.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTextPad.cc

3.74 NCTimeField Class Reference

Inheritance diagram for NCTimeField:



Public Member Functions

- **NCTimeField** (YWidget *parent, const std::string &label)
 - virtual int **preferredWidth** ()
 - virtual int **preferredHeight** ()
 - virtual void **setSize** (int newWidth, int newHeight)
 - virtual void **setLabel** (const std::string &nlabel)
 - virtual void **setValue** (const std::string &ntext)
 - virtual std::string **value** ()
 - virtual void **setEnabled** (bool do_bv)
- Pure virtual to make sure every widget implements it.*
- virtual [NCursesEvent](#) **wHandleInput** (wint_t key)
 - virtual bool **setKeyboardFocus** ()

Protected Member Functions

- virtual const char * **location** () const

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const [NCTimeField](#) &OBJ)

Additional Inherited Members

3.74.1 Detailed Description

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

3.74.2 Member Function Documentation

3.74.2.1 setEnabled()

```
void NCTimeField::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Reimplemented from [NCInputTextBase](#).

Definition at line 81 of file [NCTimeField.cc](#).

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

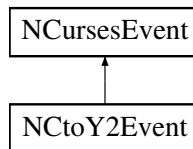
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTimeField.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTimeField.cc

3.75 NCtoY2Event Class Reference

Helper class for translating an [NCurses](#) event to a YEvent.

```
#include <NCtoY2Event.h>
```

Inheritance diagram for NCtoY2Event:



Public Member Functions

- [NCtoY2Event](#) ()
Default constructor.
- [NCtoY2Event](#) (const [NCursesEvent](#) &ncev)
Constructor from an [NCursesEvent](#).
- [NCtoY2Event](#) & [operator=](#) (const [NCursesEvent](#) &ncev)
Assignment operator.
- YEvent * [propagate](#) ()
The reason of existence of this class: Translate the [NCursesEvent](#) to a YEvent.

Friends

- std::ostream & [operator<<](#) (std::ostream &stream, const [NCtoY2Event](#) &event)

Additional Inherited Members

3.75.1 Detailed Description

Helper class for translating an [NCurses](#) event to a YEvent.

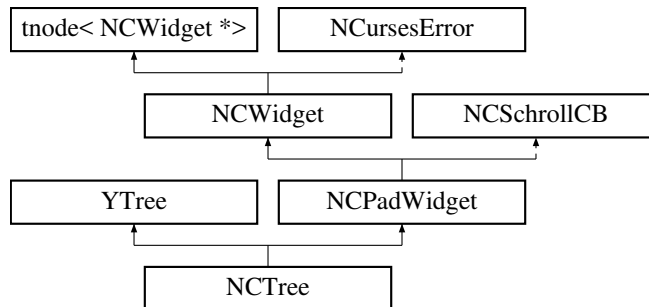
Definition at line 36 of file [NCtoY2Event.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCtoY2Event.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCtoY2Event.cc

3.76 NCTree Class Reference

Inheritance diagram for NCTree:



Public Member Functions

- **NCTree** (YWidget *parent, const std::string &label, bool multiselection=false, bool recursiveselection=false)
- virtual int **preferredWidth** ()
- virtual int **preferredHeight** ()
- virtual void **setSize** (int newWidth, int newHeight)
- virtual void **setLabel** (const std::string &nlabel)
- virtual void **rebuildTree** ()
- virtual YTreeItem * **getCurrentItem** () const
- virtual YTreeItem * **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)
- *Pure virtual to make sure every widget implements it.*
- virtual bool **setKeyboardFocus** ()
- void **deleteAllItems** ()

Protected Member Functions

- virtual [NCTreePad](#) * **myPad** () const
- *Return the current pad.*
- const [NCTreeLine](#) * **getTreeLine** (unsigned idx) const
- [NCTreeLine](#) * **modifyTreeLine** (unsigned idx)
- virtual const char * **location** () const
- virtual [NCPad](#) * **CreatePad** ()
- virtual void **DrawPad** ()
- virtual void **startMultipleChanges** ()
- virtual void **doneMultipleChanges** ()

Friends

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

Additional Inherited Members

3.76.1 Detailed Description

Definition at line 38 of file [NCTree.h](#).

3.76.2 Member Function Documentation

3.76.2.1 `myPad()`

```
virtual NCTreePad* NCTree::myPad ( ) const [inline], [protected], [virtual]
```

Return the current pad.

Make it virtual so descendant classes can narrow the return type.

Reimplemented from [NCPadWidget](#).

Definition at line 53 of file [NCTree.h](#).

3.76.2.2 `setEnabled()`

```
void NCTree::setEnabled (
    bool do_bv ) [virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via `YWidget::setEnabled` perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Reimplemented from [NCPadWidget](#).

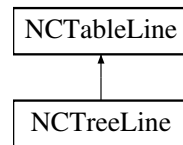
Definition at line 323 of file [NCTree.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTree.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTree.cc`

3.77 NCTreeLine Class Reference

Inheritance diagram for NCTreeLine:



Public Member Functions

- **NCTreeLine** ([NCTreeLine](#) *p, YTreeItem *item, bool multiSelection)
- YTreeItem * **YItem** () const
- unsigned **Level** () const
- virtual bool **isVisible** () const
- virtual int **ChangeToVisible** ()
- virtual unsigned **Hotspot** (unsigned &at) const
- virtual int **handleInput** (wint_t key)
- virtual void **DrawAt** ([NCursesWindow](#) &w, const [wrect](#) at, [NCTableStyle](#) &tableStyle, bool active) const

Additional Inherited Members

3.77.1 Detailed Description

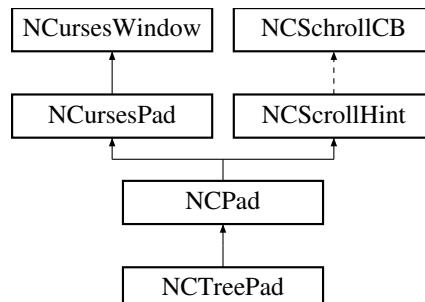
Definition at line 33 of file [NCTree.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTree.cc

3.78 NCTreePad Class Reference

Inheritance diagram for NCTreePad:



Public Member Functions

- **NCTreePad** (int [lines](#), int [cols](#), const [NCWidget](#) &p)
- [NCursesWindow](#) * **Destwin** ()
- virtual void **Destwin** ([NCursesWindow](#) *dwin)
- virtual void **wRecorded** ()
- virtual [wpos](#) **CurPos** () const
- virtual bool **handleInput** (wint_t key)
- bool **SetHeadline** (const std::vector< [NCstring](#) > &head)
- virtual void **SendHead** ()
- unsigned **Cols** () const
- unsigned **Lines** () const
- unsigned **visLines** () const
- void **SetLines** (unsigned idx)
- void **SetLines** (std::vector< [NCTableLine](#) *> &nItems)
- void **ClearTable** ()
- void **Append** ([NCTableLine](#) *item)
- void **Append** (std::vector< [NCTableCol](#) *> &nItems)
- void **AddLine** (unsigned idx, [NCTableLine](#) *item)
- void **DelLine** (unsigned idx)
- const [NCTableLine](#) * **GetCurrentLine** () const
- const [NCTableLine](#) * **GetLine** (unsigned idx) const
- [NCTableLine](#) * **ModifyLine** (unsigned idx)
- void **ShowItem** (const [NCTableLine](#) *item)

Protected Member Functions

- void **DirtyFormat** ()
- virtual [wsz](#) **UpdateFormat** ()
- virtual int **dirtyPad** ()
- virtual int **setpos** (const [wpos](#) &newpos)
- virtual int **DoRedraw** ()
- virtual void **updateScrollHint** ()

Friends

- std::ostream & **operator<<** (std::ostream &STREAM, const [NCTreePad](#) &OBJ)

Additional Inherited Members

3.78.1 Detailed Description

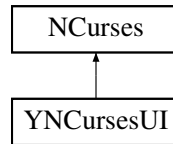
Definition at line 39 of file [NCTreePad.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTreePad.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCTreePad.cc

3.79 NCurses Class Reference

Inheritance diagram for NCurses:



Public Member Functions

- void **run** ()
- void **RedirectToLog** ()

Static Public Member Functions

- static int **cols** ()
- static int **lines** ()
- static int **tabsize** ()
- static const **NCstyle** & **style** ()
- static void **Update** ()
- static void **Redraw** ()
- static void **Refresh** ()
- static void **SetTitle** (const std::string &str)
- static void **SetStatusLine** (std::map< int, **NCstring** > fkeys)
- static void **ScreenShot** (const std::string &name="screen.shot")
- static void **drawTitle** ()
- static void **ForgetDlg** (**NCDialog** *dlg_r)
- static void **RememberDlg** (**NCDialog** *dlg_r)
- static void **ResizeEvent** ()

Public Attributes

- int **stdout_save**
- int **stderr_save**

Protected Member Functions

- void **init** ()
- bool **initialized** () const
- virtual bool **title_line** ()
- virtual bool **want_colors** ()
- virtual void **setup_screen** ()
- virtual void **init_title** ()
- virtual void **init_screen** ()

Protected Attributes

- SCREEN * **theTerm**
- std::string **myTerm**
- std::string **envTerm**
- WINDOW * **title_w**
- WINDOW * **status_w**
- std::string **title_t**
- std::map< int, NCstring > **status_line**
- NCstyle * **styleset**
- NCursesPanel * **stdpan**

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const NCurses &OBJ)

3.79.1 Detailed Description

Definition at line 141 of file [NCurses.h](#).

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

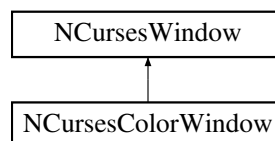
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCurses.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCurses.cc

3.80 NCursesColorWindow Class Reference

We leave this here for compatibility reasons.

```
#include <ncursesw.h>
```

Inheritance diagram for NCursesColorWindow:



Public Member Functions

- [NCursesColorWindow](#) (WINDOW *&window)
Constructor.
- [NCursesColorWindow](#) (int *lines*, int *cols*, int *begin_y*, int *begin_x*)
Constructor.
- [NCursesColorWindow](#) ([NCursesWindow](#) &*par*, int *lines*, int *cols*, int *begin_y*, int *begin_x*, char *absrel*='a')
Constructor.

Additional Inherited Members

3.80.1 Detailed Description

We leave this here for compatibility reasons.

Definition at line 1791 of file [ncursesw.h](#).

3.80.2 Constructor & Destructor Documentation

3.80.2.1 NCursesColorWindow() [1/2]

```
NCursesColorWindow::NCursesColorWindow (  
    WINDOW *& window ) [inline]
```

Constructor.

Useful only for stdscr

Definition at line 1798 of file [ncursesw.h](#).

3.80.2.2 NCursesColorWindow() [2/2]

```
NCursesColorWindow::NCursesColorWindow (  
    NCursesWindow & par,  
    int lines,  
    int cols,  
    int begin_y,  
    int begin_x,  
    char absrel = 'a' ) [inline]
```

Constructor.

If 'absrel' is 'a', begin_x/y are absolute screen pos, else if 'r', they are relative to par origin

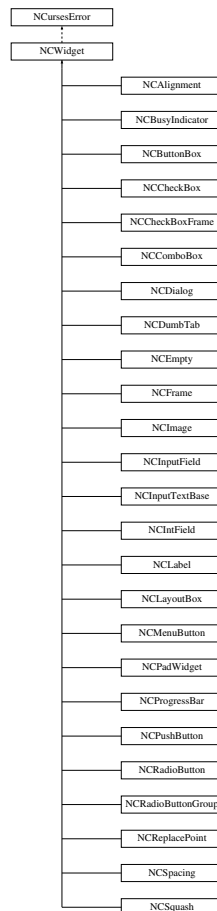
Definition at line 1822 of file [ncursesw.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/ncursesw.h

3.81 NCursesError Class Reference

Inheritance diagram for NCursesError:



Public Member Functions

- **NCursesError** (const char *msg="unknown error",...)
- **NCursesError** (int val, const char *msg="unknown error",...)
- **NCursesError** & **NCErr** (const char *msg="unknown error",...)
- **NCursesError** & **NCErr** (int val, const char *msg="unknown error",...)
- virtual const char * **location** () const

Public Attributes

- int **errval_i**
- std::string **errmsg_t**

3.81.1 Detailed Description

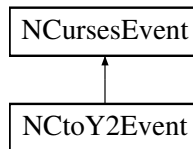
Definition at line 50 of file [NCurses.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCurses.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCurses.cc

3.82 NCursesEvent Class Reference

Inheritance diagram for NCursesEvent:



Public Types

- enum **Type** {
handled = -1, **none** = 0, **cancel**, **timeout**,
button, **menu**, **key** }
- enum **DETAIL** { **NODETAIL** = -1, **CONTINUE** = -2, **USERDEF** = -3 }

Public Member Functions

- **NCursesEvent** (Type t=none, YEvent::EventReason r=YEvent::UnknownReason)
- **operator void *** () const
- bool **operator==** (const [NCursesEvent](#) &e) const
- bool **operator!=** (const [NCursesEvent](#) &e) const
- bool **isReturnEvent** () const
- bool **isInternalEvent** () const

Public Attributes

- Type **type**
- [NCWidget](#) * **widget**
- YMenuItem * **selection**
- std::string **result**
- std::string **keySymbol**
- int **detail**
- YEvent::EventReason **reason**

Static Public Attributes

- static const [NCursesEvent](#) **Activated**
- static const [NCursesEvent](#) **SelectionChanged**
- static const [NCursesEvent](#) **ValueChanged**

3.82.1 Detailed Description

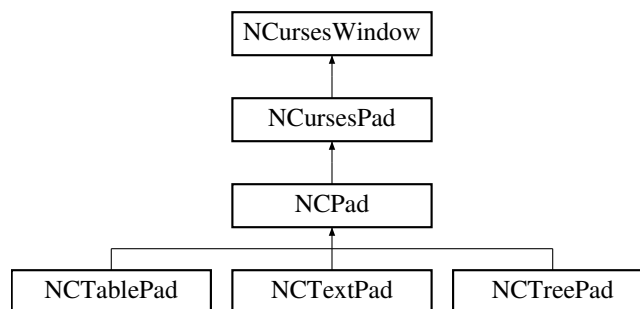
Definition at line 72 of file [NCurses.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCurses.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCurses.cc

3.83 NCursesPad Class Reference

Inheritance diagram for NCursesPad:



Public Member Functions

- **NCursesPad** (int [lines](#), int [cols](#))
- int [echochar](#) (const chtype ch)
Put the attributed character onto the pad and immediately do a [prefresh\(\)](#).
- int [refresh](#) ()
For Pad's we reimplement [refresh\(\)](#) and [noutrefresh\(\)](#) to do nothing.
- int [noutrefresh](#) ()
Propagate the changes in this window to the virtual screen.
- int [refresh](#) (int pminrow, int pmincol, int sminrow, int smincol, int smaxrow, int smaxcol)
The coordinates [sminrow](#),[smincol](#),[smaxrow](#),[smaxcol](#) describe a rectangle on the screen.
- int [noutrefresh](#) (int pminrow, int pmincol, int sminrow, int smincol, int smaxrow, int smaxcol)
Does the same like [refresh\(\)](#) but without calling [doupdate\(\)](#).

Additional Inherited Members

3.83.1 Detailed Description

Definition at line 1840 of file [ncursesw.h](#).

3.83.2 Member Function Documentation

3.83.2.1 noutrefresh()

```
int NCursesPad::noutrefresh ( ) [inline], [virtual]
```

Propagate the changes in this window to the virtual screen.

This is redefined in [NCursesPanel](#).

Reimplemented from [NCursesWindow](#).

Definition at line 1859 of file [ncursesw.h](#).

3.83.2.2 refresh() [1/2]

```
int NCursesPad::refresh ( ) [inline], [virtual]
```

For Pad's we reimplement [refresh\(\)](#) and [noutrefresh\(\)](#) to do nothing.

You should call the versions with the argument `std::list` that are specific for Pad's.

Reimplemented from [NCursesWindow](#).

Definition at line 1857 of file [ncursesw.h](#).

3.83.2.3 refresh() [2/2]

```
int NCursesPad::refresh (
    int pminrow,
    int pmincol,
    int sminrow,
    int smincol,
    int smaxrow,
    int smaxcol ) [inline]
```

The coordinates `sminrow`, `smincol`, `smaxrow`, `smaxcol` describe a rectangle on the screen.

refresh copies a rectangle of this size beginning with top left corner `pminrow`, `pmincol` onto the screen and calls [doupdate\(\)](#).

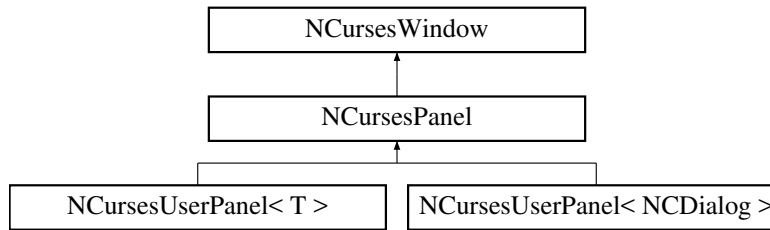
Definition at line 1866 of file [ncursesw.h](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/ncursesw.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/ncursesw.cc](#)

3.84 NCursesPanel Class Reference

Inheritance diagram for NCursesPanel:



Public Member Functions

- **NCursesPanel** (int [lines](#), int [cols](#), int begin_y=0, int begin_x=0)
Create a panel with this size starting at the requested position.
- **NCursesPanel** ()
This constructor creates the default Panel associated with the ::stdscr window.
- virtual int [resize](#) (int [lines](#), int columns)
Resize the panel window.
- void [hide](#) ()
Hide the panel.
- void [show](#) ()
Show the panel, i.e.
- void [top](#) ()
Make this panel the top panel in the stack.
- void [bottom](#) ()
Make this panel the bottom panel in the stack.
- int [mvwin](#) (int y, int x)
Move window to new position with the new position as top left corner.
- bool [hidden](#) () const
Return TRUE if the panel is hidden, FALSE otherwise.
- **NCursesPanel** & [above](#) () const
The functions panel_above() and panel_below() are not reflected in the [NCursesPanel](#) class.
- **NCursesPanel** & [below](#) () const
- PANEL * **PANEL_**[above](#) () const
- PANEL * **PANEL_**[below](#) () const
- int **transparent** (int y, int x)
- virtual int [refresh](#) ()
Propagate all panel changes to the virtual screen and update the physical screen.
- virtual int [noutrefresh](#) ()
Propagate all panel changes to the virtual screen.
- virtual void [frame](#) (const char *title=NULL, const char *btitle=NULL)
Put a frame around the panel and put the title centered in the top line and btitle in the bottom line.
- virtual void [boldframe](#) (const char *title=NULL, const char *btitle=NULL)
Same as [frame\(\)](#), but use highlighted attributes.
- virtual void [label](#) (const char *topLabel, const char *bottomLabel)
Put the title centered in the top line and btitle in the bottom line.
- virtual void [centertext](#) (int row, const char *label)
Put the label text centered in the specified row.

Static Public Member Functions

- static void [redraw](#) ()
Redraw all panels.

Protected Member Functions

- void [set_user](#) (void *user)
Set the user pointer of the panel.
- void * [get_user](#) () const
- void [OnError](#) (int err) const THROWS(NCursesPanelException)
If err is equal to the curses error indicator ERR, an error handler is called.

Static Protected Member Functions

- static const [NCursesPanel](#) * [get_Panel_of](#) (const PANEL &pan)

Protected Attributes

- PANEL * [p](#)

Static Protected Attributes

- static [NCursesPanel](#) * [dummy](#) = ([NCursesPanel](#)*)0

Friends

- class [NCDialog](#)
- std::ostream & [operator](#)<< (std::ostream &Stream, const [NCursesPanel](#) &Obj_Cv)
- std::ostream & [operator](#)<< (std::ostream &Stream, const [NCursesPanel](#) *Obj_Cv)

3.84.1 Detailed Description

Definition at line 35 of file [ncurses.h](#).

3.84.2 Member Function Documentation

3.84.2.1 [above\(\)](#)

```
NCursesPanel& NCursesPanel::above ( ) const [inline]
```

The functions [panel_above\(\)](#) and [panel_below\(\)](#) are not reflected in the [NCursesPanel](#) class.

The reason for this is, that we cannot assume that a panel retrieved by those operations is one wrapped by a C++ class. Although this situation might be handled, we also need a reverse mapping from PANEL to [NCursesPanel](#) which needs some redesign of the low level stuff. At the moment, we define them in the interface but they will always produce an error.

Definition at line 214 of file [ncurses.h](#).

3.84.2.2 `bottom()`

```
void NCursesPanel::bottom ( ) [inline]
```

Make this panel the bottom panel in the stack.

N.B.: The panel associated with `::stdscr` is always on the bottom. So actually `bottom()` makes the panel the first above `::stdscr`.

Definition at line 180 of file [ncurses.h](#).

3.84.2.3 `hide()`

```
void NCursesPanel::hide ( ) [inline]
```

Hide the panel.

It stays in the stack but becomes invisible.

Definition at line 150 of file [ncurses.h](#).

3.84.2.4 `mvwin()`

```
int NCursesPanel::mvwin (
    int begin_y,
    int begin_x ) [inline], [virtual]
```

Move window to new position with the new position as top left corner.

This is virtual because it is redefined in [NCursesPanel](#).

Reimplemented from [NCursesWindow](#).

Definition at line 191 of file [ncurses.h](#).

3.84.2.5 `show()`

```
void NCursesPanel::show ( ) [inline]
```

Show the panel, i.e.

make it visible.

Definition at line 162 of file [ncurses.h](#).

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

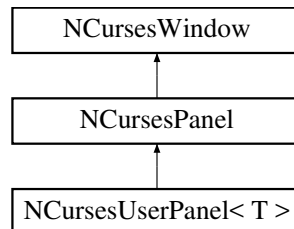
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/ncurses.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/ncurses.cc](#)

3.85 NCursesUserPanel< T > Class Template Reference

Associate user data with a panel.

```
#include <ncurses.h>
```

Inheritance diagram for NCursesUserPanel< T >:



Public Member Functions

- [NCursesUserPanel](#) (int [lines](#), int [cols](#), int begin_y=0, int begin_x=0, const T *p_UserData=(T *) 0)
This creates an user panel of the requested size with associated user data pointed to by p_UserData.
- [NCursesUserPanel](#) (const T *p_UserData=(T *) 0)
This creates an user panel associated with the ::stdscr and user data pointed to by p_UserData.
- T * [UserData](#) (void) const
Retrieve the user data associated with the panel.
- virtual void [setUserData](#) (const T *p_UserData)
Associate the user panel with the user data pointed to by p_UserData.

Static Public Member Functions

- static T * [UserDataOf](#) (const PANEL &pan)
Retrieve the user data if associated with the PANEL.

Additional Inherited Members

3.85.1 Detailed Description

```
template<class T>
class NCursesUserPanel< T >
```

Associate user data with a panel.

We use templates to provide a typesafe mechanism to associate user data with a panel. A NCursesUserPanel<T> is a panel associated with some user data of type T.

Definition at line [289](#) of file [ncurses.h](#).

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

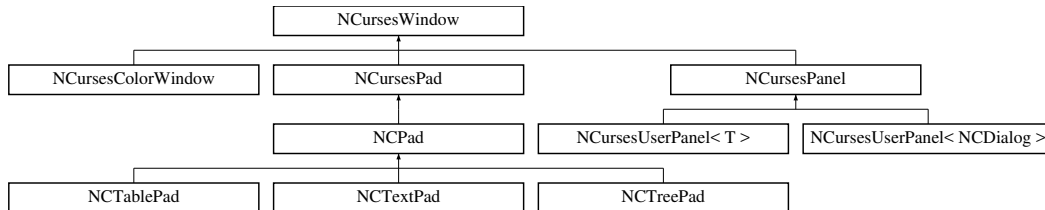
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/ncurses.h

3.86 NCursesWindow Class Reference

C++ class for windows.

```
#include <ncursesw.h>
```

Inheritance diagram for NCursesWindow:



Public Member Functions

- **NCursesWindow** (WINDOW *window)
Constructor.
- **NCursesWindow** (int lines, int cols, int begin_y, int begin_x)
Constructor.
- **NCursesWindow** (NCursesWindow &parent, int lines, int cols, int begin_y, int begin_x, char absrel='a')
Constructor.
- virtual ~NCursesWindow ()
Destructor.
- **NCursesWindow Clone** ()
Make an exact copy of the window.
- int colors () const
Number of available colors.
- int height () const
Number of lines in this window.
- int width () const
Number of columns in this window.
- int begx () const
Column of top left corner relative to stdscr.
- int begy () const
Line of top left corner relative to stdscr.
- int maxx () const
Largest x coord in window.
- int maxy () const
Largest y coord in window.
- wsze size () const
- wpos begpos () const
- wpos maxpos () const
- wrect area () const
- short getcolor () const

- Actual color pair.*
- short **foreground** () const
 - Actual foreground color.*
- short **background** () const
 - Actual background color.*
- int **setpalette** (short fore, short back)
 - Set color palette entry.*
- int **setcolor** (short pair)
 - Set actually used palette entry.*
- virtual int **mvwin** (int begin_y, int begin_x)
 - Move window to new position with the new position as top left corner.*
- int **mvsubwin** (NCursesWindow *sub, int begin_y, int begin_x)
- virtual int **resize** (int lines, int columns)
- int **move** (int y, int x)
 - Move cursor the this position.*
- void **getyx** (int &y, int &x) const
 - Get current position of the cursor.*
- int **mvcur** (int oldrow, int oldcol, int newrow, int newcol) const
 - Perform lowlevel cursor motion that takes effect immediately.*
- int **nodelay** (bool bf)
- int **getch** ()
 - Get a keystroke from the window.*
- int **getch** (int y, int x)
 - Move cursor to position and get a keystroke from the window.*
- int **getstr** (char *str, int n=-1)
 - Read a series of characters into str until a newline or carriage return is received.*
- int **getstr** (int y, int x, char *str, int n=-1)
 - Move the cursor to the requested position and then perform the **getstr()** as described above.*
- int **instr** (char *s, int n=-1)
 - Get a std::string of characters from the window into the buffer s.*
- int **instr** (int y, int x, char *s, int n=-1)
 - Move the cursor to the requested position and then perform the **instr()** as described above.*
- int **addch** (const char ch)
 - Put attributed character to the window.*
- int **addch** (const chtype ch)
- int **add_attr_char** (int y, int x)
 - Put attributed character from given position to the window.*
- int **add_attr_char** ()
- int **add_wch** (const cchar_t *cch)
 - Put a combined character to the window.*
- int **add_wch** (int y, int x, const cchar_t *cch)
- int **addch** (int y, int x, const char ch)
 - Move cursor to the requested position and then put attributed character to the window.*
- int **addch** (int y, int x, const chtype ch)
- int **echochar** (const char ch)
 - Put attributed character to the window and refresh it immediately.*
- int **echochar** (const chtype ch)
- int **addstr** (const char *str, int n=-1)

- Write the std::string str to the window, stop writing if the terminating NUL or the limit n is reached.*

 - int **addstr** (int y, int x, const char *str, int n=-1)

Move the cursor to the requested position and then perform the addstr as described above.
- int **addwstr** (const wchar_t *str, int n=-1)

Write the wchar_t str to the window, stop writing if the terminating NUL or the limit n is reached.
- int **addwstr** (int y, int x, const wchar_t *str, int n=-1)

Move the cursor to the requested position and then perform the addwstr as described above.
- int **printw** (const char *fmt,...)

Do a formatted print to the window.
- int **printw** (int y, int x, const char *fmt,...)

Move the cursor and then do a formatted print to the window.
- chtype **inch** () const

Retrieve attributed character under the current cursor position.
- chtype **inchar** () const
- chtype **inch** (int y, int x)

Move cursor to requested position and then retrieve attributed character at this position.
- chtype **inchar** (int y, int x)
- int **in_wchar** (cchar_t *cchar)

Retrieve combined character under the current cursor position.
- int **in_wchar** (int y, int x, cchar_t *cchar)
- int **insch** (chtype ch)

Insert attributed character into the window before current cursor position.
- int **insch** (int y, int x, chtype ch)

Move cursor to requested position and then insert the attributed character before that position.
- int **ins_wch** (int y, int x, const cchar_t *cchar)

Move cursor to requested position and then insert the attributed character before that position.
- int **insertln** ()

Insert an empty line above the current line.
- int **insdelln** (int n=1)

If n>0 insert that many lines above the current line.
- int **insstr** (const char *s, int n=-1)

Insert the std::string into the window before the current cursor position.
- int **insstr** (int y, int x, const char *s, int n=-1)

*Move the cursor to the requested position and then perform the **insstr()** as described above.*
- int **attron** (chtype at)

Switch on the window attributes;.
- int **attroff** (chtype at)

Switch off the window attributes;.
- int **attrset** (chtype at)

Set the window attributes;.
- int **chgat** (int n, attr_t attr, short color, const void *opts=NULL)

Change the attributes of the next n characters in the current line.
- int **chgat** (int y, int x, int n, attr_t attr, short color, const void *opts=NULL)

*Move the cursor to the requested position and then perform **chgat()** as described above.*
- chtype **getbkgd** () const

Get current background setting.
- int **bkgd** (const chtype ch)

- Set the background property and apply it to the window.*

 - void **bkgdset** (chtype ch)

Set the background property.
- int **box** ()

Draw a box around the window with the given vertical and horizontal drawing characters.
- int **border** (chtype left=0, chtype right=0, chtype top=0, chtype bottom=0, chtype top_left=0, chtype top_right=0, chtype bottom_left=0, chtype bottom_right=0)

Draw a border around the window with the given characters for the various parts of the border.
- int **hline** (int len, chtype ch=0)

Draw a horizontal line of len characters with the given character.
- int **hline** (int y, int x, int len, chtype ch=0)

Move the cursor to the requested position and then draw a horizontal line.
- int **vline** (int len, chtype ch=0)

Draw a vertical line of len characters with the given character.
- int **vline** (int y, int x, int len, chtype ch=0)

Move the cursor to the requested position and then draw a vertical line.
- int **box** (const **wrect** &dim)
- int **erase** ()

Erase the window.
- int **clear** ()

Clear the window.
- int **clearok** (bool bf)

Set/Reset the clear flag.
- int **clrtoobot** ()

Clear to the end of the window.
- int **clrtoeol** ()

Clear to the end of the line.
- int **delch** ()

Delete character under the cursor.
- int **delch** (int y, int x)

Move cursor to requested position and delete the character under the cursor.
- int **deleteln** ()

Delete the current line.
- int **scroll** (int amount=1)

Scroll amount lines.
- int **scrollok** (bool bf)

If bf is TRUE, window scrolls if cursor is moved off the bottom edge of the window or a scrolling region, otherwise the cursor is left at the bottom line.
- int **setscrreg** (int from, int to)

Define a soft scrolling region.
- int **idlok** (bool bf)

If bf is TRUE, use insert/delete line hardware support if possible.
- void **idcok** (bool bf)

If bf is TRUE, use insert/delete character hardware support if possible.
- int **touchwin** ()

Mark the whole window as modified.
- int **untouchwin** ()

- Mark the whole window as unmodified.*

 - int `touchln` (int s, int cnt, bool changed=TRUE)

Mark cnt lines beginning from line s as changed or unchanged, depending on the value of the changed flag.
- bool `is_linetouched` (int line) const

Return TRUE if line is marked as changed, FALSE otherwise.
- bool `is_wintouched` () const

Return TRUE if window is marked as changed, FALSE otherwise.
- int `leaveok` (bool bf)

If bf is TRUE, curses will leave the cursor after an update wherever it is after the update.
- int `redrawln` (int from, int n)

Redraw n lines starting from the requested line.
- int `redrawwin` ()

Redraw the whole window.
- int `doupdate` ()

Do all outputs to make the physical screen looking like the virtual one.
- void `syncdown` ()

Propagate the changes down to all descendant windows.
- void `syncup` ()

Propagate the changes up in the hierarchy.
- void `cursyncup` ()

Position the cursor in all ancestor windows corresponding to our setting.
- int `syncok` (bool bf)

If called with bf=TRUE, `syncup()` is called whenever the window is changed.
- void `immedok` (bool bf)

If called with bf=TRUE, any change in the window will cause an automatic immediate `refresh()`
- int `keypad` (bool bf)

If called with bf=TRUE, the application will interpret function keys.
- int `meta` (bool bf)

If called with bf=TRUE, keys may generate 8-Bit characters.
- int `standout` ()

Enable "standout" attributes.
- int `standend` ()

Disable "standout" attributes.
- virtual int `refresh` ()

Propagate the changes in this window to the virtual screen and call `doupdate()`.
- virtual int `noutrefresh` ()

Propagate the changes in this window to the virtual screen.
- int `overlay` (NCursesWindow &win)

Overlay this window over win.
- int `overwrite` (NCursesWindow &win)

Overwrite win with this window.
- int `copywin` (NCursesWindow &win, int sminrow, int smincol, int dminrow, int dmincol, int dmaxrow, int dmaxcol, bool overlay=TRUE)

Overlay or overwrite the rectangle in win given by dminrow,dmincol, dmaxrow,dmaxcol with the rectangle in this window beginning at sminrow,smicol.
- bool `has_mouse` () const

Return TRUE if terminal supports a mouse, FALSE otherwise.

- `NCursesWindow * child ()`
Get the first child window.
- `const NCursesWindow * child () const`
- `NCursesWindow * sibling ()`
Get the next child of my parent.
- `const NCursesWindow * sibling () const`
- `NCursesWindow * parent ()`
Get my parent.
- `const NCursesWindow * parent () const`
- `bool isDescendant (NCursesWindow &win)`
Return TRUE if win is a descendant of this.

Static Public Member Functions

- `static void useColors (void)`
Call this routine very early if you want to have colors.
- `static int ripoffline (int ripoff_lines, int(*init)(NCursesWindow &win))`
This function is used to generate a window of ripped-of lines.
- `static int lines ()`
Number of lines on terminal, not window.
- `static int cols ()`
Number of cols on terminal, not window.
- `static int tabsize ()`
Size of a tab on terminal, not window.
- `static int NumberOfColors ()`
Number of available colors.
- `static int maxcoord ()`
Ncurses up to ncurses5 internally uses short.

Protected Member Functions

- `void err_handler (const char *) const THROWS(NCursesException)`
Signal an error with the given message text.
- `void kill_subwindows ()`
Destroy all subwindows.
- `NCursesWindow ()`
Only for use by derived classes.

Protected Attributes

- `WINDOW * w`
the curses WINDOW
- `bool allocated`
TRUE if we own the WINDOW.
- `NCursesWindow * par`
parent, if subwindow
- `NCursesWindow * subwins`
head of subwindows std::list
- `NCursesWindow * sib`
next subwindow of parent

Static Protected Attributes

- static long `count` = 0L
count of all active windows

Friends

- class **NCursesMenu**
- class **NCursesForm**
- std::ostream & **operator**<< (std::ostream &Stream, const [NCursesWindow](#) &Obj_Cv)
- std::ostream & **operator**<< (std::ostream &Stream, const [NCursesWindow](#) *Obj_Cv)

3.86.1 Detailed Description

C++ class for windows.

Definition at line [904](#) of file [ncursesw.h](#).

3.86.2 Constructor & Destructor Documentation

3.86.2.1 NCursesWindow() [[1/3](#)]

```
NCursesWindow::NCursesWindow ( ) [protected]
```

Only for use by derived classes.

They are then in charge to fill the member variables correctly.

Definition at line [255](#) of file [ncursesw.cc](#).

3.86.2.2 NCursesWindow() [[2/3](#)]

```
NCursesWindow::NCursesWindow (
    WINDOW * window )
```

Constructor.

Useful only for stdscr

Definition at line [300](#) of file [ncursesw.cc](#).

3.86.2.3 NCursesWindow() [3/3]

```
NCursesWindow::NCursesWindow (
    NCursesWindow & parent,
    int lines,
    int cols,
    int begin_y,
    int begin_x,
    char absrel = 'a' )
```

Constructor.

If 'absrel' is 'a', begin_x/y are absolute screen pos, if 'r', they are relative to parent origin.

Definition at line 313 of file [ncursesw.cc](#).

3.86.3 Member Function Documentation

3.86.3.1 addstr()

```
int NCursesWindow::addstr (
    const char * str,
    int n = -1 ) [inline]
```

Write the std::string str to the window, stop writing if the terminating NUL or the limit n is reached.

If n is negative, it is ignored.

Definition at line 1276 of file [ncursesw.h](#).

3.86.3.2 addwstr()

```
int NCursesWindow::addwstr (
    const wchar_t * str,
    int n = -1 )
```

Write the wchar_t str to the window, stop writing if the terminating NUL or the limit n is reached.

If n is negative, it is ignored.

Definition at line 123 of file [ncursesw.cc](#).

3.86.3.3 border()

```
int NCursesWindow::border (
    chtype left = 0,
    chtype right = 0,
    chtype top = 0,
    chtype bottom = 0,
    chtype top_left = 0,
    chtype top_right = 0,
    chtype bottom_left = 0,
    chtype bottom_right = 0 ) [inline]
```

Draw a border around the window with the given characters for the various parts of the border.

If you pass zero for a character, curses will try to find "nice" characters.

Definition at line 1469 of file [ncursesw.h](#).

3.86.3.4 box()

```
int NCursesWindow::box ( ) [inline]
```

Draw a box around the window with the given vertical and horizontal drawing characters.

If you specify a zero as character, curses will try to find a "nice" character.

Definition at line 1462 of file [ncursesw.h](#).

3.86.3.5 chgat()

```
int NCursesWindow::chgat (
    int n,
    attr_t attr,
    short color,
    const void * opts = NULL ) [inline]
```

Change the attributes of the next n characters in the current line.

If n is negative or greater than the number of remaining characters in the line, the attributes will be changed up to the end of the line.

Definition at line 1417 of file [ncursesw.h](#).

3.86.3.6 clearok()

```
int NCursesWindow::clearok (
    bool bf ) [inline]
```

Set/Reset the clear flag.

If std::set, the next [refresh\(\)](#) will clear the screen.

Definition at line 1528 of file [ncursesw.h](#).

3.86.3.7 getstr()

```
int NCursesWindow::getstr (
    char * str,
    int n = -1 ) [inline]
```

Read a series of characters into str until a newline or carriage return is received.

Read at most n characters. If n is negative, the limit is ignored.

Definition at line 1191 of file [ncursesw.h](#).

3.86.3.8 hline()

```
int NCursesWindow::hline (
    int len,
    chtype ch = 0 ) [inline]
```

Draw a horizontal line of len characters with the given character.

If you pass zero for the character, curses will try to find a "nice" one.

Definition at line 1485 of file [ncursesw.h](#).

3.86.3.9 idcok()

```
void NCursesWindow::idcok (
    bool bf ) [inline]
```

If bf is TRUE, use insert/delete character hardware support if possible.

Otherwise do it in software.

Definition at line 1590 of file [ncursesw.h](#).

3.86.3.10 idlok()

```
int NCursesWindow::idlok (
    bool bf ) [inline]
```

If bf is TRUE, use insert/delete line hardware support if possible.

Otherwise do it in software.

Definition at line 1584 of file [ncursesw.h](#).

3.86.3.11 insdelln()

```
int NCursesWindow::insdelln (
    int n = 1 ) [inline]
```

If $n > 0$ insert that many lines above the current line.

If $n < 0$ delete that many lines beginning with the current line.

Definition at line 1376 of file [ncursesw.h](#).

3.86.3.12 insstr()

```
int NCursesWindow::insstr (
    const char * s,
    int n = -1 ) [inline]
```

Insert the `std::string` into the window before the current cursor position.

Insert stops at end of `std::string` or when the limit n is reached. If n is negative, it is ignored.

Definition at line 1383 of file [ncursesw.h](#).

3.86.3.13 instr()

```
int NCursesWindow::instr (
    char * s,
    int n = -1 ) [inline]
```

Get a `std::string` of characters from the window into the buffer `s`.

Retrieve at most n characters, if n is negative retrieve all characters up to the end of the current line. Attributes are stripped from the characters.

Definition at line 1210 of file [ncursesw.h](#).

3.86.3.14 maxcoord()

```
static int NCursesWindow::maxcoord ( ) [inline], [static]
```

Ncurses up to ncurses5 internally uses `short`.

Definition at line 1098 of file [ncursesw.h](#).

3.86.3.15 meta()

```
int NCursesWindow::meta (
    bool bf ) [inline]
```

If called with bf=TRUE, keys may generate 8-Bit characters.

Otherwise 7-Bit characters are generated.

Definition at line 1688 of file [ncursesw.h](#).

3.86.3.16 mvwin()

```
virtual int NCursesWindow::mvwin (
    int begin_y,
    int begin_x ) [inline], [virtual]
```

Move window to new position with the new position as top left corner.

This is virtual because it is redefined in [NCursesPanel](#).

Reimplemented in [NCursesPanel](#).

Definition at line 1140 of file [ncursesw.h](#).

3.86.3.17 noutrefresh()

```
virtual int NCursesWindow::noutrefresh ( ) [inline], [virtual]
```

Propagate the changes in this window to the virtual screen.

This is redefined in [NCursesPanel](#).

Reimplemented in [NCursesPad](#), and [NCursesPanel](#).

Definition at line 1714 of file [ncursesw.h](#).

3.86.3.18 refresh()

```
virtual int NCursesWindow::refresh ( ) [inline], [virtual]
```

Propagate the changes in this window to the virtual screen and call [doupdate\(\)](#).

This is redefined in [NCursesPanel](#).

Reimplemented in [NCursesPad](#), and [NCursesPanel](#).

Definition at line 1708 of file [ncursesw.h](#).

3.86.3.19 ripoffline()

```
int NCursesWindow::ripoffline (
    int ripoff_lines,
    int(*) (NCursesWindow &win) init ) [static]
```

This function is used to generate a window of ripped-of lines.

If the argument is positive, lines are removed from the top, if it is negative lines are removed from the bottom. This enhances the lowlevel [ripoffline\(\)](#) function because it uses the internal implementation that allows to remove more than just a single line. This function must be called before any other ncurses function. The creation of the window is deferred until ncurses gets initialized. The initialization function is then called.

Definition at line [404](#) of file [ncursesw.cc](#).

3.86.3.20 scroll()

```
int NCursesWindow::scroll (
    int amount = 1 ) [inline]
```

Scroll amount lines.

If amount is positive, scroll up, otherwise scroll down.

Definition at line [1563](#) of file [ncursesw.h](#).

3.86.3.21 vline()

```
int NCursesWindow::vline (
    int len,
    chtype ch = 0 ) [inline]
```

Draw a vertical line of len characters with the given character.

If you pass zero for the character, curses will try to find a "nice" one.

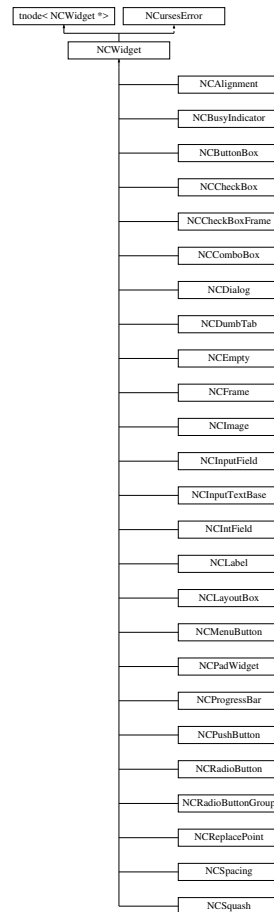
Definition at line [1499](#) of file [ncursesw.h](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/ncursesw.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/ncursesw.cc](#)

3.87 NCWidget Class Reference

Inheritance diagram for NCWidget:



Public Member Functions

- void **grabSet** (NCWidget *ngrab)
- void **grabRelease** (NCWidget *ograb)
- NCWidget (NCWidget *myparent)
- NCWidget (YWidget *parent=0)
- bool **isValid** () const
- bool **winExist** () const
- virtual const NCstyle::Style & **wStyle** () const
- const NCstyle::StWidget & **widgetStyle** (bool nonactive=false) const
- const NCstyle::StWidget & **frameStyle** () const
- const NCstyle::StList & **listStyle** () const
- **wsize** **wGetDefsize** () const
- **wrect** **wGetSize** () const
- void **Update** ()
- void **Redraw** (const bool sub=false)

- void **Recoded** ()
- NC::WState **GetState** () const
- void **SetState** (const NC::WState newstate, const bool force=false)
- virtual void **setEnabled** (bool do_bv)=0
Pure virtual to make sure every widget implements it.
- virtual bool **HasHotkey** (int key)
- virtual bool **HasFunctionHotkey** (int key) const
- virtual NCursesEvent **wHandleHotkey** (wint_t key)
- virtual NCursesEvent **wHandleInput** (wint_t key)
- void **DumpOn** (std::ostream &str, std::string prfx) const

Protected Member Functions

- virtual const char * **location** () const
- virtual void **PreDisconnect** ()
- virtual void **PostDisconnect** ()
- virtual void **PreReparent** ()
- virtual void **PostReparent** ()
- NCursesWindow * **ParentWin** ()
- bool **grabFocus** ()
- virtual void **grabNotify** (NCWidget *)
- virtual bool **wantFocus** (NCWidget &ngrab)
- void **wMoveChildTo** (NCWidget &child, const wpos &newpos)
- void **wRelocate** (const wrect &newrect)
- void **wRelocate** (const wpos &newpos, const wsze &newsze)
- virtual void **wCreate** (const wrect &newrect)
- virtual void **wMoveTo** (const wpos &newpos)
- virtual void **wDelete** ()
- virtual void **wUpdate** (bool forced_br=false)
- wpos **ScreenPos** () const
- virtual void **wRedraw** ()
- virtual void **wRecoded** ()

Protected Attributes

- NCWidget *const **grabedBy**
- NCursesWindow * **win**
- wsze **defsize**
- wrect **framedim**
- wrect **inparent**
- bool **noUpdates**
- bool **skipNoDimWin**
- NC::WState **wstate**
- NCLabel * **hotlabel**

Friends

- std::ostream & **operator**<< (std::ostream &STREAM, const NCWidget &OBJ)
- std::ostream & **operator**<< (std::ostream &STREAM, const NCWidget *OBJ)

Additional Inherited Members

3.87.1 Detailed Description

Definition at line 43 of file [NCWidget.h](#).

3.87.2 Member Function Documentation

3.87.2.1 setEnabled()

```
void NCWidget::setEnabled (
    bool do_bv ) [pure virtual]
```

Pure virtual to make sure every widget implements it.

Necessary to make sure that UI requests via YWidget::setEnabled perform, and behave the same way as direct calls to [NCWidget::setEnabled](#).

Implemented in [NCRichText](#), [NCDialog](#), [NCPadWidget](#), [NCInputField](#), [NCComboBox](#), [NCMultiSelectionBox](#), [NCInt↔Field](#), [NCBusyIndicator](#), [NCInputTextBase](#), [NCTree](#), [NCSelectionBox](#), [NCCheckBox](#), [NCProgressBar](#), [NCMultiLineEdit](#), [NCTable](#), [NCLogView](#), [NCRadioButton](#), [NCTimeField](#), [NCDateField](#), [NCMenuButton](#), [NCCheckBoxFrame](#), [NCLabel](#), [NCDumbTab](#), [NCFrame](#), [NCPushButton](#), [NCLayoutBox](#), [NCRadioButtonGroup](#), [NCSpacing](#), [NCImage](#), [NCAlignment](#), [NCEmpty](#), [NCReplacePoint](#), [NCSquash](#), and [NCButtonBox](#).

Definition at line 391 of file [NCWidget.cc](#).

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

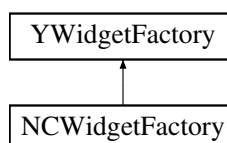
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCWidget.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCWidget.cc](#)

3.88 NCWidgetFactory Class Reference

Concrete widget factory for mandatory widgets.

```
#include <NCWidgetFactory.h>
```

Inheritance diagram for NCWidgetFactory:



Public Member Functions

- virtual [NCDialog](#) * **createDialog** (YDialogType dialogType, YDialogColorMode colorMode=YDialogNormalColor)
- virtual [NCLayoutBox](#) * **createLayoutBox** (YWidget *parent, YUIDimension dim)
- virtual [NCButtonBox](#) * **createButtonBox** (YWidget *parent)
- virtual [NCPushButton](#) * **createPushButton** (YWidget *parent, const std::string &label)
- virtual [NCLabel](#) * **createLabel** (YWidget *parent, const std::string &text, bool isHeading=false, bool isOutput←Field=false)
- virtual [NCInputField](#) * **createInputField** (YWidget *parent, const std::string &label, bool passwordMode=false)
- virtual [NCCheckBox](#) * **createCheckBox** (YWidget *parent, const std::string &label, bool isChecked=false)
- virtual [NCRadioButton](#) * **createRadioButton** (YWidget *parent, const std::string &label, bool isChecked=false)
- virtual [NCComboBox](#) * **createComboBox** (YWidget *parent, const std::string &label, bool editable=false)
- virtual [NCSelectionBox](#) * **createSelectionBox** (YWidget *parent, const std::string &label)
- virtual [NCTree](#) * **createTree** (YWidget *parent, const std::string &label, bool multiselection=false, bool recursive←election=false)
- virtual [NCTable](#) * **createTable** (YWidget *parent, YTableHeader *tableHeader, bool multiSelection=false)
- virtual [NCProgressBar](#) * **createProgressBar** (YWidget *parent, const std::string &label, int maxValue=100)
- virtual [NCRichText](#) * **createRichText** (YWidget *parent, const std::string &text=std::string(), bool plainText←Mode=false)
- virtual [NCIntField](#) * **createIntField** (YWidget *parent, const std::string &label, int minVal, int maxVal, int initialVal)
- virtual [NCMenuButton](#) * **createMenuButton** (YWidget *parent, const std::string &label)
- virtual [NCMultiLineEdit](#) * **createMultiLineEdit** (YWidget *parent, const std::string &label)
- virtual [NCImage](#) * **createImage** (YWidget *parent, const std::string &imagePath, bool animated=false)
- virtual [NCLogView](#) * **createLogView** (YWidget *parent, const std::string &label, int visibleLines, int stored←Lines=0)
- virtual [NCMultiSelectionBox](#) * **createMultiSelectionBox** (YWidget *parent, const std::string &label)
- virtual [YPackageSelector](#) * **createPackageSelector** (YWidget *parent, long ModeFlags=0)
- virtual [NCBusyIndicator](#) * **createBusyIndicator** (YWidget *parent, const std::string &label, int timeout=1000)
- virtual [YWidget](#) * **createPkgSpecial** (YWidget *parent, const std::string &subwidgetName)
- virtual [NCSpacing](#) * **createSpacing** (YWidget *parent, YUIDimension dim, bool stretchable=false, YLayout←Size_t size=0.0)
- virtual [NCEmpty](#) * **createEmpty** (YWidget *parent)
- virtual [NCAlignment](#) * **createAlignment** (YWidget *parent, YAlignmentType horAlignment, YAlignmentType vertAlignment)
- virtual [NCSquash](#) * **createSquash** (YWidget *parent, bool horSquash, bool vertSquash)
- virtual [NCFrame](#) * **createFrame** (YWidget *parent, const std::string &label)
- virtual [NCCheckBoxFrame](#) * **createCheckBoxFrame** (YWidget *parent, const std::string &label, bool checked)
- virtual [NCRadioButtonGroup](#) * **createRadioButtonGroup** (YWidget *parent)
- virtual [NCReplacePoint](#) * **createReplacePoint** (YWidget *parent)

Protected Member Functions

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

Friends

- class [YNCursesUI](#)

3.88.1 Detailed Description

Concrete widget factory for mandatory widgets.

Definition at line 66 of file [NCWidgetFactory.h](#).

3.88.2 Constructor & Destructor Documentation

3.88.2.1 NCWidgetFactory()

```
NCWidgetFactory::NCWidgetFactory ( ) [protected]
```

Constructor.

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

Definition at line 36 of file [NCWidgetFactory.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCWidgetFactory.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCWidgetFactory.cc](#)

3.89 NCStyleDef::queryCharEnt Struct Reference

Public Member Functions

- **queryCharEnt** (std::string L, chtype C)

Public Attributes

- std::string l
- chtype c

3.89.1 Detailed Description

Definition at line 193 of file [NCStyleDef.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCStyleDef.cc](#)

3.90 NCstyle::StBase Struct Reference

Public Member Functions

- **StBase** (const chtype &ti, const chtype &te)

Public Attributes

- const chtype & **title**
- const chtype & **text**

3.90.1 Detailed Description

Definition at line [325](#) of file [NCstyle.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h

3.91 NCstyle::STChar Struct Reference

Public Member Functions

- chtype **getChar** () const
- chtype **getNonChar** () const
- **STChar** (const chtype &cha)

Public Attributes

- const chtype & **chattr**

3.91.1 Detailed Description

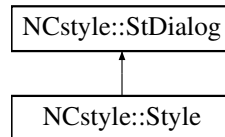
Definition at line [334](#) of file [NCstyle.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h

3.92 NCstyle::StDialog Struct Reference

Inheritance diagram for NCstyle::StDialog:



Public Member Functions

- **StDialog** (const [StBase](#) &b, const [StBase](#) &ab, const [StBase](#) &d, const [StWidget](#) &dis, const [StWidget](#) &n, const [StWidget](#) &a, const [StWidget](#) &f, const [StWidget](#) &af, const [StList](#) &l, const [StList](#) &al, const [StList](#) &dl, const [StProgbars](#) &pbar, const [StRichtext](#) &rtext, const chtype &curs)
- const [StBase](#) & **getDlgBorder** (bool active) const
- const [StBase](#) & **getDumb** () const
- const [StWidget](#) & **getWidget** (NC::WState s, bool nonactive=false) const
- const [StWidget](#) & **getFrame** (NC::WState s) const
- const [StList](#) & **getList** (NC::WState s) const

Public Attributes

- [StBase](#) **border**
- [StBase](#) **activeBorder**
- [StBase](#) **dumb**
- [StWidget](#) **disabled**
- [StWidget](#) **normal**
- [StWidget](#) **active**
- [StWidget](#) **frame**
- [StWidget](#) **activeFrame**
- [StList](#) **list**
- [StList](#) **activeList**
- [StList](#) **disabledList**
- [StProgbars](#) **progbars**
- [StRichtext](#) **richtext**
- const chtype & **cursor**

3.92.1 Detailed Description

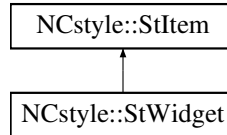
Definition at line 421 of file [NCstyle.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h

3.93 NCstyle::StItem Struct Reference

Inheritance diagram for NCstyle::StItem:



Public Member Functions

- **StItem** (const chtype &p, const chtype &l, const chtype &d, const chtype &h)

Public Attributes

- const chtype & **plain**
- const chtype & **label**
- const chtype & **data**
- const chtype & **hint**

3.93.1 Detailed Description

Definition at line [346](#) of file [NCstyle.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h

3.94 NCstyle::StList Struct Reference

Public Member Functions

- **StList** (const chtype &t, const [StItem](#) &i, const [StItem](#) &s)
- const [StItem](#) & **getitem** (bool sel) const

Public Attributes

- const chtype & **title**
- const [StItem](#) **item**
- const [StItem](#) **selected**

3.94.1 Detailed Description

Definition at line 366 of file [NCstyle.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h

3.95 NCstyle::StProgbars Struct Reference

Public Member Functions

- **StProgbars** (const chtype &b, const chtype &nb)

Public Attributes

- const [STChar](#) **bar**
- const [STChar](#) **nonbar**

3.95.1 Detailed Description

Definition at line 378 of file [NCstyle.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h

3.96 NCstyle::StRichtext Struct Reference

Public Member Functions

- **StRichtext** (const chtype &p, const chtype &tit, const chtype &l, const chtype &a1, const chtype &aal, const chtype &vl, const chtype &b, const chtype &i, const chtype &t, const chtype &bi, const chtype &bt, const chtype &it, const chtype &bit)
- const chtype & **getArmed** (NC::WState s) const

Public Attributes

- const ctype & **plain**
- const ctype & **title**
- const ctype & **link**
- const ctype & **armedlink**
- const ctype & **activearmedlink**
- const ctype & **visitedlink**
- const ctype & **B**
- const ctype & **I**
- const ctype & **T**
- const ctype & **BI**
- const ctype & **BT**
- const ctype & **IT**
- const ctype & **BIT**

3.96.1 Detailed Description

Definition at line 387 of file [NCstyle.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h

3.97 strutil::StrStr Struct Reference

StringStream with autoconversion to std::string.

```
#include <stringutil.h>
```

Public Member Functions

- template<class _Tp >
[StrStr](#) & **operator**<< (const _Tp &val)
- **operator std::string** () const

Public Attributes

- std::ostringstream **_str**

3.97.1 Detailed Description

StringStream with autoconversion to std::string.

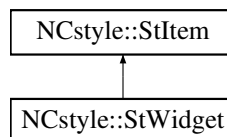
Definition at line 37 of file [stringutil.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/stringutil.h

3.98 NCstyle::StWidget Struct Reference

Inheritance diagram for NCstyle::StWidget:



Public Member Functions

- **StWidget** (const chtype &p, const chtype &l, const chtype &d, const chtype &h, const chtype &s)

Public Attributes

- const chtype & **scr1**

3.98.1 Detailed Description

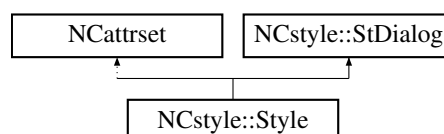
Definition at line 357 of file [NCstyle.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h

3.99 NCstyle::Style Class Reference

Inheritance diagram for NCstyle::Style:



Public Member Functions

- [NCattrset](#) & [getAttrGlobal](#) ()
- [NCattrset](#) & [getAttrLocal](#) ()
- **Style** (const [Style](#) &rhs)
- const chtype & **attr** (STglobal a) const
- const chtype & **attr** (STlocal a) const
- const chtype & **operator()** (STglobal a) const
- const chtype & **operator()** (STlocal a) const

Friends

- class **NCStyle**

Additional Inherited Members

3.99.1 Detailed Description

Definition at line 524 of file [NCstyle.h](#).

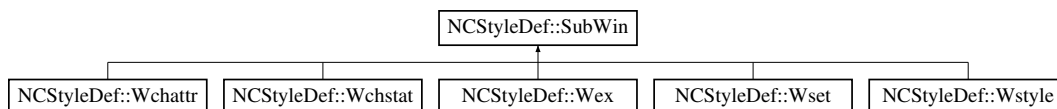
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.h
- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCstyle.cc

3.100 NCStyleDef::SubWin Struct Reference

[SubWin](#): base class for the windows used.

Inheritance diagram for NCStyleDef::SubWin:



Public Member Functions

- **SubWin** (std::string T, [NCursesWindow](#) &P, int H, int W, int L, int C)
- virtual void **draw** (bool immediate=false)
- virtual int **dtag** ()
- virtual int **change** ()
- virtual void **enterchange** ()
- virtual void **leavechange** ()
- virtual void **handle** (int in)

Public Attributes

- [NCursesWindow](#) **w**
- `std::string` **tag**
- `chtype` **changestyle**

Static Public Attributes

- static const int **taglen** = 7

3.100.1 Detailed Description

[SubWin](#): base class for the windows used.

Definition at line 259 of file [NCStyleDef.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCStyleDef.cc`

3.101 `tnode< n_value >` Class Template Reference

Public Member Functions

- **tnode** (`n_value` v, [self](#) *p=0, const bool behind=true)
- **tnode** (`n_value` v, [self](#) &p, const bool behind=true)
- **tnode** (`n_value` v, [self](#) &p, [self](#) &s, const bool behind=true)
- void **Disconnect** ()
- bool **ReparentTo** ([self](#) &p, const bool behind=true)
- bool **ReparentTo** ([self](#) &p, [self](#) &s, const bool behind=true)
- `n_value` & **Value** () const
- `n_value` & **operator()** () const
- [self](#) * **Parent** ()
- const [self](#) * **Parent** () const
- [self](#) * **Psibling** ()
- const [self](#) * **Psibling** () const
- [self](#) * **Nsibling** ()
- const [self](#) * **Nsibling** () const
- [self](#) * **Fchild** ()
- const [self](#) * **Fchild** () const
- [self](#) * **Lchild** ()
- const [self](#) * **Lchild** () const
- bool **HasParent** () const
- bool **HasSiblings** () const
- bool **HasChildren** () const
- bool **IsParentOf** (const [self](#) &c) const

- bool **IsSiblingOf** (const [self](#) &s) const
- bool **IsChildOf** (const [self](#) &p) const
- unsigned **Depth** () const
- bool **IsDescendantOf** (const [self](#) &n) const
- bool **IsDescendantOf** (const [self](#) *n) const
- [self](#) & **Top** ()
- [self](#) * **Next** (const bool restart=false)
- [self](#) * **Prev** (const bool restart=false)
- [self](#) * **Next** ([self](#) *&c, const bool restart=false)
- [self](#) * **Prev** ([self](#) *&c, const bool restart=false)
- const [self](#) & **Top** () const
- const [self](#) * **Next** (const bool restart=false) const
- const [self](#) * **Prev** (const bool restart=false) const
- const [self](#) * **Next** (const [self](#) *&c, const bool restart=false) const
- const [self](#) * **Prev** (const [self](#) *&c, const bool restart=false) const

Protected Types

- typedef [tnode](#)< n_value > **self**

Protected Member Functions

- virtual void **PreDisconnect** ()
- virtual void **PostDisconnect** ()
- virtual void **PreReparent** ()
- virtual void **PostReparent** ()

Protected Attributes

- n_value **val**

3.101.1 Detailed Description

```
template<class n_value>
class tnode< n_value >
```

Definition at line 31 of file [tnode.h](#).

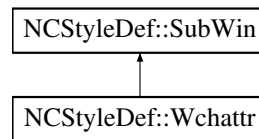
The documentation for this class was generated from the following file:

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/tnode.h

3.102 NCStyleDef::Wchattr Struct Reference

[Wchattr](#): handle modification of the current attribute std::set.

Inheritance diagram for NCStyleDef::Wchattr:



Public Member Functions

- **Wchattr** (std::string T, [NCursesWindow](#) &P, int H, int W, int L, int C)
- virtual void **draw** (bool immediate=false)
- virtual void **handle** (int in)
- void **set** (std::vector< [Aset](#) > &nset, bool reset=false)
- void **drawTable** (bool immediate=false)
- void **drawItemAt** (unsigned line, unsigned num)

Public Attributes

- std::vector< [Aset](#) > **aset**
- unsigned **fitem**
- unsigned **citem**

Additional Inherited Members

3.102.1 Detailed Description

[Wchattr](#): handle modification of the current attribute std::set.

Definition at line [469](#) of file [NCStyleDef.cc](#).

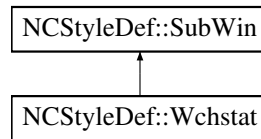
The documentation for this struct was generated from the following file:

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCStyleDef.cc

3.103 NCStyleDef::Wchstat Struct Reference

[Wchstat](#): show current attributes definition.

Inheritance diagram for NCStyleDef::Wchstat:



Public Member Functions

- **Wchstat** (std::string T, [NCursesWindow](#) &P, int H, int W, int L, int C)
- virtual int **change** ()
- virtual void **draw** (bool immediate=false)
- void **stat** (const [Aset](#) &a)

Additional Inherited Members

3.103.1 Detailed Description

[Wchstat](#): show current attributes definition.

Definition at line 678 of file [NCStyleDef.cc](#).

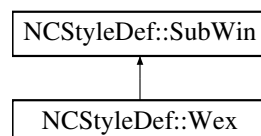
The documentation for this struct was generated from the following file:

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCStyleDef.cc

3.104 NCStyleDef::Wex Struct Reference

[Wex](#): popup and down the example Dialog.

Inheritance diagram for NCStyleDef::Wex:



Public Member Functions

- **Wex** (std::string T, [NCursesWindow](#) &P, int H, int W, int L, int C)
- virtual void **draw** (bool immediate=false)
- virtual int **change** ()

Public Attributes

- SetType **cset**

Additional Inherited Members

3.104.1 Detailed Description

[Wex](#): popup and down the example Dialog.

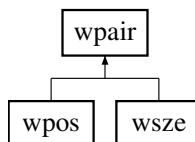
Definition at line 726 of file [NCStyleDef.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCStyleDef.cc

3.105 wpair Class Reference

Inheritance diagram for wpair:



Public Member Functions

- **wpair** (const int v=0)
- **wpair** (const int a, const int b)
- **wpair** (const [wpair](#) &Rhs)
- bool **operator==** (const [wpair](#) &Rhs) const
- bool **operator!=** (const [wpair](#) &Rhs) const
- bool **operator>** (const [wpair](#) &Rhs) const
- bool **operator<** (const [wpair](#) &Rhs) const
- bool **operator>=** (const [wpair](#) &Rhs) const
- bool **operator<=** (const [wpair](#) &Rhs) const
- [wpair](#) **between** (const [wpair](#) &Min, const [wpair](#) &Max) const

Static Public Member Functions

- static `wpair min` (const `wpair` &Lhs, const `wpair` &Rhs)
- static `wpair max` (const `wpair` &Lhs, const `wpair` &Rhs)

Protected Member Functions

- `wpair & operator=` (const `wpair` &Rhs)
- `wpair & operator+=` (const `wpair` &Rhs)
- `wpair & operator-=` (const `wpair` &Rhs)
- `wpair & operator*=` (const `wpair` &Rhs)
- `wpair & operator/=` (const `wpair` &Rhs)
- `wpair operator+` (const `wpair` &Rhs) const
- `wpair operator-` (const `wpair` &Rhs) const
- `wpair operator*` (const `wpair` &Rhs) const
- `wpair operator/` (const `wpair` &Rhs) const

Protected Attributes

- int **A**
- int **B**

Friends

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

3.105.1 Detailed Description

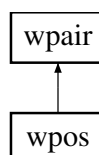
Definition at line 31 of file `position.h`.

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/position.h`

3.106 wpos Class Reference

Inheritance diagram for `wpos`:



Public Member Functions

- **wpos** (const int v=0)
- **wpos** (const int l, const int c)
- **wpos** (const [wpair](#) &Rhs)
- **wpos** (const [wpos](#) &Rhs)
- [wpos](#) & **operator=** (const [wpos](#) &Rhs)
- [wpos](#) & **operator+=** (const [wpair](#) &Rhs)
- [wpos](#) & **operator-=** (const [wpair](#) &Rhs)
- [wpos](#) & **operator*=** (const [wpair](#) &Rhs)
- [wpos](#) & **operator/=** (const [wpair](#) &Rhs)
- [wpos](#) **operator+** (const [wpair](#) &Rhs) const
- [wpos](#) **operator-** (const [wpair](#) &Rhs) const
- [wpos](#) **operator*** (const [wpair](#) &Rhs) const
- [wpos](#) **operator/** (const [wpair](#) &Rhs) const

Public Attributes

- int & **L**
- int & **C**

Additional Inherited Members

3.106.1 Detailed Description

Definition at line 109 of file [position.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/position.h

3.107 wrect Class Reference

Public Member Functions

- **wrect** (const [wpos](#) &pos, const [wsze](#) &size)
- bool **operator==** (const [wrect](#) &Rhs) const
- bool **operator!=** (const [wrect](#) &Rhs) const
- [wrect](#) **inside** () const
- [wrect](#) **intersectRelTo** (const [wrect](#) &par) const

Public Attributes

- [wpos](#) **Pos**
- [wsze](#) **Sze**

3.107.1 Detailed Description

Definition at line 197 of file [position.h](#).

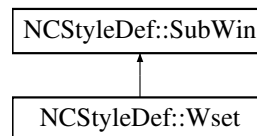
The documentation for this class was generated from the following file:

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/position.h](#)

3.108 NCStyleDef::Wset Struct Reference

[Wset](#): Selection of the current attribute std::set to process.

Inheritance diagram for NCStyleDef::Wset:



Public Member Functions

- **Wset** (std::string T, [NCursesWindow](#) &P, int H, int W, int L, int C)
- virtual void **draw** (bool immediate=false)
- virtual void **handle** (int in)

Public Attributes

- SetType **cset**

Additional Inherited Members

3.108.1 Detailed Description

[Wset](#): Selection of the current attribute std::set to process.

Definition at line 413 of file [NCStyleDef.cc](#).

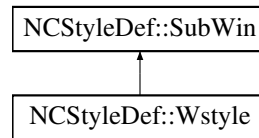
The documentation for this struct was generated from the following file:

- [/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCStyleDef.cc](#)

3.109 NCStyleDef::Wstyle Struct Reference

[Wstyle](#): Selection of the current NCstyle::StyleSet to process.

Inheritance diagram for NCStyleDef::Wstyle:



Public Member Functions

- **Wstyle** (std::string T, [NCursesWindow](#) &P, int H, int W, int L, int C)
- virtual void **draw** (bool immediate=false)
- virtual void **handle** (int in)

Public Attributes

- NCstyle::StyleSet **cset**

Additional Inherited Members

3.109.1 Detailed Description

[Wstyle](#): Selection of the current NCstyle::StyleSet to process.

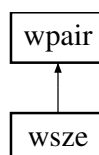
Definition at line 359 of file [NCStyleDef.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/NCStyleDef.cc

3.110 wsze Class Reference

Inheritance diagram for wsze:



Public Member Functions

- **wsze** (const int v=0)
- **wsze** (const int h, const int w)
- **wsze** (const [wpair](#) &Rhs)
- **wsze** (const [wsze](#) &Rhs)
- **wsze** & **operator=** (const [wsze](#) &Rhs)
- **wsze** & **operator+=** (const [wpair](#) &Rhs)
- **wsze** & **operator-=** (const [wpair](#) &Rhs)
- **wsze** & **operator*=** (const [wpair](#) &Rhs)
- **wsze** & **operator/=** (const [wpair](#) &Rhs)
- **wsze** **operator+** (const [wpair](#) &Rhs) const
- **wsze** **operator-** (const [wpair](#) &Rhs) const
- **wsze** **operator*** (const [wpair](#) &Rhs) const
- **wsze** **operator/** (const [wpair](#) &Rhs) const

Public Attributes

- int & **H**
- int & **W**

Additional Inherited Members

3.110.1 Detailed Description

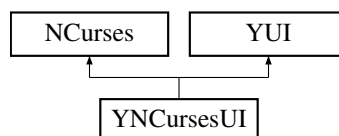
Definition at line 154 of file [position.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/position.h

3.111 YNCursesUI Class Reference

Inheritance diagram for YNCursesUI:



Public Member Functions

- [YNCursesUI](#) (bool withThreads)
Constructor.
- [~YNCursesUI](#) ()
Destructor.
- virtual void [idleLoop](#) (int fd_ycp)
Idle around until fd_ycp is readable.
- virtual void [setConsoleFont](#) (const std::string &console_magic, const std::string &font, const std::string &screen↵_map, const std::string &unicode_map, const std::string &lang)
Set the (text) console font according to the current encoding etc.
- virtual YEvent * [runPkgSelection](#) (YWidget *packageSelector)
Fills the PackageSelector widget and runs package selection.
- [NCPackageSelectorPluginStub](#) * [packageSelectorPlugin](#) ()
Returns the package selector plugin singleton of this UI or creates it (including loading the plugin lib) if it does not exist yet.

Static Public Member Functions

- static [YNCursesUI](#) * [ui](#) ()
Access the global Y2NCursesUI.

Protected Member Functions

- virtual YWidgetFactory * [createWidgetFactory](#) ()
Create the widget factory that provides all the createXY() methods for standard (mandatory, i.e.
- virtual YOptionalWidgetFactory * [createOptionalWidgetFactory](#) ()
Create the widget factory that provides all the createXY() methods for optional ("special") widgets and the corresponding hasXYWidget() methods.
- virtual YApplication * [createApplication](#) ()
- virtual bool [want_colors](#) ()
- virtual void [init_title](#) ()

Static Protected Attributes

- static [YNCursesUI](#) * [_ui](#) = 0
Global reference to the UI.

Additional Inherited Members

3.111.1 Detailed Description

Definition at line 38 of file [YNCursesUI.h](#).

3.111.2 Member Function Documentation

3.111.2.1 createOptionalWidgetFactory()

```
YOptionalWidgetFactory * YNCursesUI::createOptionalWidgetFactory ( ) [protected], [virtual]
```

Create the widget factory that provides all the createXY() methods for optional ("special") widgets and the corresponding hasXYWidget() methods.

Reimplemented from YUI.

Definition at line 128 of file [YNCursesUI.cc](#).

3.111.2.2 createWidgetFactory()

```
YWidgetFactory * YNCursesUI::createWidgetFactory ( ) [protected], [virtual]
```

Create the widget factory that provides all the createXY() methods for standard (mandatory, i.e. non-optional) widgets.

Reimplemented from YUI.

Definition at line 118 of file [YNCursesUI.cc](#).

3.111.2.3 packageSelectorPlugin()

```
NCPackageSelectorPluginStub * YNCursesUI::packageSelectorPlugin ( )
```

Returns the package selector plugin singleton of this UI or creates it (including loading the plugin lib) if it does not exist yet.

Create the package selector plugin.

Definition at line 201 of file [YNCursesUI.cc](#).

3.111.2.4 setConsoleFont()

```
void YNCursesUI::setConsoleFont (
    const std::string & console_magic,
    const std::string & font,
    const std::string & screen_map,
    const std::string & unicode_map,
    const std::string & lang ) [virtual]
```

Set the (text) console font according to the current encoding etc.

Set the console font, encoding etc.

See the `setfont(8)` command and the console `HowTo` for details.

This should really be in [NCApplication](#), but it uses so many non-exported member variables that it's not easy to move it there.

This is called from `Console.ycp`. The terminal encoding must be `std::set` correctly.

This doesn't belong here, but it is so utterly entangled with member variables that are not exported at all (sic!) that it's not really feasible to extract the relevant parts.

Definition at line [337](#) of file [YNCursesUI.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/YNCursesUI.h`
- `/home/iurt/rpmbuild/BUILD/libyui-ncurses-2.47.6/src/YNCursesUI.cc`

Index

~NCPackageSelectorPluginStub
NCPackageSelectorPluginStub, [63](#)

above
NCursesPanel, [119](#)

activate
NCDialog, [33](#)

addstr
NCursesWindow, [129](#)

addwstr
NCursesWindow, [129](#)

askForExistingDirectory
NCApplication, [13](#)

askForExistingFile
NCApplication, [13](#)

askForSaveFileName
NCApplication, [14](#)

beep
NCApplication, [14](#)

border
NCursesWindow, [129](#)

bottom
NCursesPanel, [119](#)

box
NCursesWindow, [130](#)

chgat
NCursesWindow, [130](#)

clearok
NCursesWindow, [130](#)

createOptionalWidgetFactory
YNCursesUI, [158](#)
createPackageSelector
NCPackageSelectorPluginStub, [63](#)

createWidgetFactory
YNCursesUI, [158](#)

directDraw
NCPad, [65](#)
NCTablePad, [99](#)

fillList
NCDirectoryTable, [35](#)

getFileInfo
NCFileSelection, [41](#)

getstr
NCursesWindow, [130](#)

hide
NCursesPanel, [120](#)

hline
NCursesWindow, [131](#)

idcok
NCursesWindow, [131](#)

idlok
NCursesWindow, [131](#)

initConsoleKeyboard
NCApplication, [14](#)

insdelln
NCursesWindow, [131](#)

insstr
NCursesWindow, [132](#)

instr
NCursesWindow, [132](#)

maxcoord
NCursesWindow, [132](#)

meta
NCursesWindow, [132](#)

mvwin
NCursesPanel, [120](#)
NCursesWindow, [133](#)

myPad
NCPadWidget, [67](#)
NCTree, [108](#)

NCAAlignment, [10](#)
setEnabled, [11](#)

NCApplication, [11](#)
askForExistingDirectory, [13](#)
askForExistingFile, [13](#)
askForSaveFileName, [14](#)
beep, [14](#)
initConsoleKeyboard, [14](#)
NCApplication, [13](#)
openUI, [15](#)
redrawScreen, [15](#)
runInTerminal, [15](#)
setApplicationTitle, [15](#)
setConsoleFont, [16](#)

- setLanguage, 16
- NCAskForExistingDirectory, 17
- NCAskForExistingFile, 18
- NCAskForFile, 19
- NCAskForSaveFileName, 20
- NCBusyIndicator, 23
 - setEnabled, 24
- NCButtonBox, 24
 - setEnabled, 25
- NCCheckBox, 26
 - setEnabled, 27
- NCCheckBoxFrame, 27
 - setEnabled, 28
- NCComboBox, 28
 - setEnabled, 30
- NCDateField, 30
 - setEnabled, 31
- NCDialog, 31
 - activate, 33
 - openInternal, 33
 - pollEventInternal, 33
 - setEnabled, 34
 - waitForEventInternal, 34
- NCDirectoryTable, 35
 - fillList, 35
- NCDumbTab, 36
 - setEnabled, 37
- NCEmpty, 37
 - setEnabled, 38
- NCFileInfo, 38
 - NCFileInfo, 39
- NCFileSelection, 40
 - getFileInfo, 41
- NCFileSelectionTag, 42
- NCFileTable, 42
- NCFrame, 43
 - setEnabled, 44
- NImage, 44
 - setEnabled, 45
- NCInputField, 46
 - setEnabled, 47
- NCInputTextBase, 47
 - setEnabled, 49
- NCIntField, 49
 - setEnabled, 50
- NCLabel, 51
 - setEnabled, 52
- NCLayoutBox, 53
 - setEnabled, 54
- NLogView, 55
 - setEnabled, 56
- NCMenuButton, 56
 - setEnabled, 57
- NCMultiLineEdit, 57
 - setEnabled, 58
- NCMultiSelectionBox, 59
 - setEnabled, 60
- NCOptionalWidgetFactory, 60
 - NCOptionalWidgetFactory, 61
- NCPackageSelectorPluginIf, 62
- NCPackageSelectorPluginStub, 62
 - ~NCPackageSelectorPluginStub, 63
 - createPackageSelector, 63
- NCPad, 63
 - directDraw, 65
 - pageing, 65
 - vheight, 65
- NCPadWidget, 66
 - myPad, 67
 - setEnabled, 67
- NCPopup, 68
- NCPopupInfo, 69
- NCPopupList, 70
- NCPopupMenu, 71
- NCPopupTable, 72
- NCPopupTextEntry, 73
- NCPProgressBar, 73
 - setEnabled, 74
- NCPushButton, 75
 - setEnabled, 76
- NCRadioButton, 76
 - setEnabled, 77
- NCRadioButtonGroup, 77
 - setEnabled, 78
- NCRReplacePoint, 79
 - setEnabled, 80
- NCRichText, 80
 - setEnabled, 81
- NCSchrollCB, 82
- NCSrollHint, 83
- NCSrollbar, 82
- NCSelectionBox, 84
 - setEnabled, 85
- NCSpacing, 85
 - setEnabled, 86
- NCSquash, 87
 - setEnabled, 88
- NCStyleDef, 90
- NCStyleDef::Aset, 9
- NCStyleDef::SubWin, 146
- NCStyleDef::Wchattr, 149
- NCStyleDef::Wchstat, 150
- NCStyleDef::Wex, 150
- NCStyleDef::Wset, 154
- NCStyleDef::Wstyle, 155
- NCStyleDef::lookupIdx, 9
- NCStyleDef::queryCharEnt, 139
- NCTable, 92

- setEnabled, [94](#)
- NCTableCol, [94](#)
- NCTableHead, [95](#)
- NCTableLine, [96](#)
- NCTablePad, [97](#)
 - directDraw, [99](#)
- NCTableSortDefault, [99](#)
- NCTableSortStrategyBase, [100](#)
- NCTableStyle, [101](#)
- NCTableTag, [102](#)
- NCTextPad, [103](#)
- NCTimeField, [104](#)
 - setEnabled, [105](#)
- NCTree, [107](#)
 - myPad, [108](#)
 - setEnabled, [108](#)
- NCTreeLine, [109](#)
- NCTreePad, [109](#)
- NCWidget, [135](#)
 - setEnabled, [137](#)
- NCWidgetFactory, [137](#)
 - NCWidgetFactory, [139](#)
- NCattribute, [21](#)
- NCattrset, [22](#)
- NClabel, [52](#)
- NCstring, [88](#)
- NCstyle, [89](#)
- NCstyle::STChar, [140](#)
- NCstyle::StBase, [140](#)
- NCstyle::StDialog, [141](#)
- NCstyle::StItem, [142](#)
- NCstyle::StList, [142](#)
- NCstyle::StProgbar, [143](#)
- NCstyle::StRichtext, [143](#)
- NCstyle::StWidget, [145](#)
- NCstyle::Style, [145](#)
- NCtext, [102](#)
- NCtoY2Event, [106](#)
- NCurses, [111](#)
- NCursesColorWindow, [112](#)
 - NCursesColorWindow, [113](#)
- NCursesError, [114](#)
- NCursesEvent, [115](#)
- NCursesPad, [116](#)
 - noutrefresh, [117](#)
 - refresh, [117](#)
- NCursesPanel, [118](#)
 - above, [119](#)
 - bottom, [119](#)
 - hide, [120](#)
 - mvwin, [120](#)
 - show, [120](#)
- NCursesUserPanel< T >, [121](#)
- NCursesWindow, [122](#)
 - addstr, [129](#)
 - addwstr, [129](#)
 - border, [129](#)
 - box, [130](#)
 - chgat, [130](#)
 - clearok, [130](#)
 - getstr, [130](#)
 - hline, [131](#)
 - idcok, [131](#)
 - idlok, [131](#)
 - insdelln, [131](#)
 - insstr, [132](#)
 - instr, [132](#)
 - maxcoord, [132](#)
 - meta, [132](#)
 - mvwin, [133](#)
 - NCursesWindow, [128](#)
 - noutrefresh, [133](#)
 - refresh, [133](#)
 - ripcoffline, [133](#)
 - scroll, [134](#)
 - vline, [134](#)
- noutrefresh
 - NCursesPad, [117](#)
 - NCursesWindow, [133](#)
- openInternal
 - NCDialog, [33](#)
- openUI
 - NCAApplication, [15](#)
- packageSelectorPlugin
 - YNCursesUI, [158](#)
- pageing
 - NCPad, [65](#)
- pollEventInternal
 - NCDialog, [33](#)
- redrawScreen
 - NCAApplication, [15](#)
- refresh
 - NCursesPad, [117](#)
 - NCursesWindow, [133](#)
- ripcoffline
 - NCursesWindow, [133](#)
- runInTerminal
 - NCAApplication, [15](#)
- scroll
 - NCursesWindow, [134](#)
- setApplicationTitle
 - NCAApplication, [15](#)
- setConsoleFont
 - NCAApplication, [16](#)
 - YNCursesUI, [158](#)

setEnabled
 NCAlignment, [11](#)
 NCBusyIndicator, [24](#)
 NCButtonBox, [25](#)
 NCCheckBox, [27](#)
 NCCheckBoxFrame, [28](#)
 NCComboBox, [30](#)
 NCDateField, [31](#)
 NCDialog, [34](#)
 NCDumbTab, [37](#)
 NCEmpty, [38](#)
 NCFrame, [44](#)
 NCImage, [45](#)
 NCInputField, [47](#)
 NCInputTextBase, [49](#)
 NCIntField, [50](#)
 NCLabel, [52](#)
 NCLayoutBox, [54](#)
 NCLogView, [56](#)
 NCMenuButton, [57](#)
 NCMultiLineEdit, [58](#)
 NCMultiSelectionBox, [60](#)
 NCPadWidget, [67](#)
 NCProgressBar, [74](#)
 NCPushButton, [76](#)
 NCRadioButton, [77](#)
 NCRadioButtonGroup, [78](#)
 NCReplacePoint, [80](#)
 NCRichText, [81](#)
 NCSelectionBox, [85](#)
 NCSpacing, [86](#)
 NCSquash, [88](#)
 NCTable, [94](#)
 NCTimeField, [105](#)
 NCTree, [108](#)
 NCWidget, [137](#)
setLanguage
 NCApplication, [16](#)
show
 NCursesPanel, [120](#)
strutil::StrStr, [144](#)

tnode< n_value >, [147](#)

vheight
 NCPad, [65](#)
vline
 NCursesWindow, [134](#)

waitForEventInternal
 NCDialog, [34](#)
wpair, [151](#)
wpos, [152](#)
wrect, [153](#)
wsze, [155](#)

YNCursesUI, [156](#)
 createOptionalWidgetFactory, [158](#)
 createWidgetFactory, [158](#)
 packageSelectorPlugin, [158](#)
 setConsoleFont, [158](#)