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# Contents

<b>1</b>	<b>Hierarchical Index</b>	<b>1</b>
1.1	Class Hierarchy . . . . .	1
<b>2</b>	<b>Class Index</b>	<b>5</b>
2.1	Class List . . . . .	5
<b>3</b>	<b>Class Documentation</b>	<b>7</b>
3.1	BusyBar Class Reference . . . . .	7
3.1.1	Detailed Description . . . . .	7
3.1.2	Member Function Documentation . . . . .	7
3.1.2.1	run . . . . .	7
3.1.2.2	stop . . . . .	8
3.2	YQTimezoneSelectorPrivate::Location Struct Reference . . . . .	8
3.2.1	Detailed Description . . . . .	8
3.3	MyTextEdit Class Reference . . . . .	8
3.3.1	Detailed Description . . . . .	9
3.4	QY2CharValidator Class Reference . . . . .	9
3.4.1	Detailed Description . . . . .	9
3.4.2	Constructor & Destructor Documentation . . . . .	9
3.4.2.1	QY2CharValidator . . . . .	9
3.4.2.2	~QY2CharValidator . . . . .	10
3.4.3	Member Function Documentation . . . . .	10
3.4.3.1	setValidChars . . . . .	10
3.4.3.2	validate . . . . .	10
3.4.3.3	validChars . . . . .	10
3.5	QY2CheckListItem Class Reference . . . . .	10
3.5.1	Detailed Description . . . . .	11
3.5.2	Constructor & Destructor Documentation . . . . .	11
3.5.2.1	QY2CheckListItem . . . . .	11

3.5.2.2	QY2CheckListItem	11
3.5.2.3	~QY2CheckListItem	11
3.5.3	Member Function Documentation	11
3.5.3.1	serial	11
3.5.3.2	setBackgroundColor	12
3.5.3.3	setTextColor	12
3.5.3.4	toolTip	12
3.5.3.5	updateData	12
3.5.3.6	updateStatus	12
3.6	QY2ComboTabWidget Class Reference	12
3.6.1	Detailed Description	13
3.6.2	Constructor & Destructor Documentation	13
3.6.2.1	QY2ComboTabWidget	13
3.6.2.2	~QY2ComboTabWidget	14
3.6.3	Member Function Documentation	14
3.6.3.1	addPage	14
3.6.3.2	currentChanged	14
3.6.3.3	showPage	14
3.6.3.4	showPageIndex	14
3.7	QY2DiskUsageList Class Reference	14
3.7.1	Detailed Description	15
3.7.2	Constructor & Destructor Documentation	15
3.7.2.1	QY2DiskUsageList	15
3.7.2.2	~QY2DiskUsageList	15
3.8	QY2DiskUsageListItem Class Reference	16
3.8.1	Detailed Description	17
3.8.2	Constructor & Destructor Documentation	17
3.8.2.1	QY2DiskUsageListItem	17
3.8.2.2	~QY2DiskUsageListItem	17
3.8.3	Member Function Documentation	17
3.8.3.1	deviceName	17
3.8.3.2	freeSize	17
3.8.3.3	init	17
3.8.3.4	name	17
3.8.3.5	operator<	18
3.8.3.6	paintPercentageBar	18
3.8.3.7	setText	18

3.8.3.8	setText	18
3.8.3.9	totalSize	18
3.8.3.10	updateData	18
3.8.3.11	updateStatus	18
3.8.3.12	usedPercent	19
3.8.3.13	usedSize	19
3.9	QY2DiskUsagePercentageltem Class Reference	19
3.9.1	Detailed Description	19
3.10	QY2HelpDialog Class Reference	20
3.10.1	Detailed Description	20
3.11	QY2ListView Class Reference	20
3.11.1	Detailed Description	22
3.11.2	Constructor & Destructor Documentation	22
3.11.2.1	QY2ListView	22
3.11.2.2	~QY2ListView	22
3.11.3	Member Function Documentation	22
3.11.3.1	clear	22
3.11.3.2	columnClicked	22
3.11.3.3	columnDoubleClicked	22
3.11.3.4	columnWidthChanged	22
3.11.3.5	eventFilter	22
3.11.3.6	minimumSizeHint	23
3.11.3.7	mouseDoubleClickEvent	23
3.11.3.8	mousePressEvent	23
3.11.3.9	mouseReleaseEvent	23
3.11.3.10	nextSerial	23
3.11.3.11	restoreColumnWidths	23
3.11.3.12	saveColumnWidths	23
3.11.3.13	selectSomething	23
3.11.3.14	setSortByInsertionSequence	23
3.11.3.15	sortByInsertionSequence	24
3.11.3.16	toolTip	24
3.11.3.17	treeCollapsed	24
3.11.3.18	treeExpanded	24
3.11.3.19	updateItemData	24
3.11.3.20	updateItemStates	24
3.12	QY2ListViewItem Class Reference	25

3.12.1 Detailed Description . . . . .	25
3.12.2 Constructor & Destructor Documentation . . . . .	25
3.12.2.1 QY2ListViewItem . . . . .	25
3.12.2.2 QY2ListViewItem . . . . .	25
3.12.2.3 ~QY2ListViewItem . . . . .	26
3.12.3 Member Function Documentation . . . . .	26
3.12.3.1 operator< . . . . .	26
3.12.3.2 serial . . . . .	26
3.12.3.3 toolTip . . . . .	26
3.12.3.4 updateData . . . . .	26
3.12.3.5 updateStatus . . . . .	26
3.12.4 Member Data Documentation . . . . .	26
3.12.4.1 _serial . . . . .	26
3.13 QY2StyleEditor Class Reference . . . . .	27
3.13.1 Detailed Description . . . . .	27
3.13.2 Constructor & Destructor Documentation . . . . .	27
3.13.2.1 QY2StyleEditor . . . . .	27
3.13.2.2 ~QY2StyleEditor . . . . .	27
3.14 QY2Styler Class Reference . . . . .	28
3.14.1 Detailed Description . . . . .	28
3.14.2 Constructor & Destructor Documentation . . . . .	28
3.14.2.1 QY2Styler . . . . .	28
3.14.3 Member Function Documentation . . . . .	29
3.14.3.1 processUrls . . . . .	29
3.15 YQWizard::Step Class Reference . . . . .	29
3.15.1 Detailed Description . . . . .	30
3.15.2 Constructor & Destructor Documentation . . . . .	30
3.15.2.1 ~Step . . . . .	30
3.15.3 Member Function Documentation . . . . .	30
3.15.3.1 setStatus . . . . .	30
3.16 YQWizard::StepHeading Class Reference . . . . .	30
3.16.1 Detailed Description . . . . .	31
3.17 YQWizard::TreeItem Class Reference . . . . .	31
3.17.1 Detailed Description . . . . .	31
3.18 YQAlignment Class Reference . . . . .	32
3.18.1 Detailed Description . . . . .	32
3.18.2 Constructor & Destructor Documentation . . . . .	32

3.18.2.1	YQAlignment	32
3.18.2.2	YQAlignment	32
3.18.3	Member Function Documentation	33
3.18.3.1	moveChild	33
3.18.3.2	setBackgroundPixmap	33
3.18.3.3	setEnabled	33
3.18.3.4	setSize	33
3.19	YQApplication Class Reference	33
3.19.1	Detailed Description	35
3.19.2	Constructor & Destructor Documentation	35
3.19.2.1	YQApplication	35
3.19.2.2	~YQApplication	35
3.19.3	Member Function Documentation	36
3.19.3.1	askForExistingDirectory	36
3.19.3.2	askForExistingFile	36
3.19.3.3	askForSaveFileName	36
3.19.3.4	askForSaveFileName	36
3.19.3.5	autoFonts	37
3.19.3.6	beep	37
3.19.3.7	boldFont	37
3.19.3.8	busyCursor	37
3.19.3.9	contextMenuPos	37
3.19.3.10	currentFont	37
3.19.3.11	deleteFonts	37
3.19.3.12	deviceUnits	38
3.19.3.13	fontKey	38
3.19.3.14	glyph	38
3.19.3.15	graphPlugin	38
3.19.3.16	headingFont	38
3.19.3.17	layoutUnits	38
3.19.3.18	loadPredefinedQtTranslations	38
3.19.3.19	makeScreenShot	39
3.19.3.20	maybeLeftHandedUser	39
3.19.3.21	normalCursor	39
3.19.3.22	openContextMenu	39
3.19.3.23	packageSelectorPlugin	39
3.19.3.24	pickAutoFonts	39

3.19.3.25	setIcon	39
3.19.3.26	setTitle	40
3.19.3.27	setAutoFonts	40
3.19.3.28	setContextMenuPos	40
3.19.3.29	setLangFonts	40
3.19.3.30	setLanguage	40
3.19.3.31	setLayoutDirection	40
3.19.4	Member Data Documentation	40
3.19.4.1	_fontFamily	41
3.19.4.2	_langFonts	41
3.19.4.3	_qtTranslations	41
3.20	YQBarGraph Class Reference	41
3.20.1	Detailed Description	42
3.20.2	Constructor & Destructor Documentation	42
3.20.2.1	YQBarGraph	42
3.20.2.2	~YQBarGraph	42
3.20.3	Member Function Documentation	42
3.20.3.1	defaultSegmentColor	42
3.20.3.2	defaultTextColor	42
3.20.3.3	doUpdate	42
3.20.3.4	paintEvent	42
3.20.3.5	preferredHeight	42
3.20.3.6	preferredWidth	43
3.20.3.7	setEnabled	43
3.20.3.8	setSize	43
3.21	YQBusyIndicator Class Reference	43
3.21.1	Detailed Description	44
3.21.2	Constructor & Destructor Documentation	44
3.21.2.1	YQBusyIndicator	44
3.21.2.2	~YQBusyIndicator	44
3.21.3	Member Function Documentation	44
3.21.3.1	preferredHeight	44
3.21.3.2	preferredWidth	44
3.21.3.3	setAlive	45
3.21.3.4	setEnabled	45
3.21.3.5	setKeyboardFocus	45
3.21.3.6	setLabel	45



3.21.3.7	setSize	45
3.21.3.8	setTimeout	45
3.21.3.9	timeout	45
3.22	YQButtonBox Class Reference	46
3.22.1	Detailed Description	46
3.22.2	Constructor & Destructor Documentation	46
3.22.2.1	YQButtonBox	46
3.22.2.2	~YQButtonBox	46
3.22.3	Member Function Documentation	46
3.22.3.1	moveChild	46
3.22.3.2	setEnabled	47
3.22.3.3	setSize	47
3.23	YQCheckBox Class Reference	47
3.23.1	Detailed Description	47
3.23.2	Constructor & Destructor Documentation	48
3.23.2.1	YQCheckBox	48
3.23.2.2	~YQCheckBox	48
3.23.3	Member Function Documentation	48
3.23.3.1	preferredHeight	48
3.23.3.2	preferredWidth	48
3.23.3.3	setEnabled	48
3.23.3.4	setKeyboardFocus	48
3.23.3.5	setLabel	48
3.23.3.6	setSize	49
3.23.3.7	setUseBoldFont	49
3.23.3.8	setValue	49
3.23.3.9	value	49
3.24	YQCheckBoxFrame Class Reference	49
3.24.1	Detailed Description	50
3.24.2	Constructor & Destructor Documentation	50
3.24.2.1	YQCheckBoxFrame	50
3.24.3	Member Function Documentation	50
3.24.3.1	childEvent	50
3.24.3.2	preferredHeight	50
3.24.3.3	preferredWidth	50
3.24.3.4	setEnabled	51
3.24.3.5	setKeyboardFocus	51

3.24.3.6	setLabel	51
3.24.3.7	setSize	51
3.24.3.8	setValue	51
3.24.3.9	value	51
3.25	YQComboBox Class Reference	51
3.25.1	Detailed Description	52
3.25.2	Constructor & Destructor Documentation	52
3.25.2.1	YQComboBox	52
3.25.2.2	~YQComboBox	53
3.25.3	Member Function Documentation	53
3.25.3.1	addItem	53
3.25.3.2	deleteAllItems	53
3.25.3.3	isValidText	53
3.25.3.4	preferredHeight	53
3.25.3.5	preferredWidth	53
3.25.3.6	setEnabled	53
3.25.3.7	setInputMaxLength	54
3.25.3.8	setKeyboardFocus	54
3.25.3.9	setLabel	54
3.25.3.10	setSize	54
3.25.3.11	setText	54
3.25.3.12	setValidChars	54
3.25.3.13	slotSelected	54
3.25.3.14	text	55
3.25.3.15	textChanged	55
3.26	YQContextMenu Class Reference	55
3.26.1	Detailed Description	56
3.26.2	Constructor & Destructor Documentation	56
3.26.2.1	YQContextMenu	56
3.26.2.2	~YQContextMenu	56
3.26.3	Member Function Documentation	56
3.26.3.1	menuEntryActivated	56
3.26.3.2	preferredHeight	56
3.26.3.3	preferredWidth	56
3.26.3.4	rebuildMenuTree	57
3.26.3.5	rebuildMenuTree	57
3.26.3.6	returnNow	57

3.26.3.7	setSize	57
3.26.3.8	slotMenuHidden	57
3.26.3.9	slotReturnMenuHidden	57
3.27	YQDateField Class Reference	57
3.27.1	Detailed Description	58
3.27.2	Constructor & Destructor Documentation	58
3.27.2.1	YQDateField	58
3.27.2.2	~YQDateField	58
3.27.3	Member Function Documentation	58
3.27.3.1	preferredHeight	58
3.27.3.2	preferredWidth	59
3.27.3.3	setEnabled	59
3.27.3.4	setKeyboardFocus	59
3.27.3.5	setLabel	59
3.27.3.6	setSize	59
3.27.3.7	setValue	59
3.27.3.8	value	59
3.28	YQDialog Class Reference	60
3.28.1	Detailed Description	61
3.28.2	Constructor & Destructor Documentation	61
3.28.2.1	YQDialog	61
3.28.2.2	~YQDialog	62
3.28.3	Member Function Documentation	62
3.28.3.1	activate	62
3.28.3.2	activateDefaultButton	62
3.28.3.3	center	62
3.28.3.4	chooseParent	62
3.28.3.5	closeEvent	62
3.28.3.6	defaultButton	62
3.28.3.7	ensureOnlyOneDefaultButton	62
3.28.3.8	ensureOnlyOneDefaultButton	63
3.28.3.9	eventLoop	63
3.28.3.10	findDefaultButton	63
3.28.3.11	findDefaultButton	63
3.28.3.12	findWizard	63
3.28.3.13	findWizard	63
3.28.3.14	focusButton	63

3.28.3.15	gettingFocus	64
3.28.3.16	highlight	64
3.28.3.17	keyPressEvent	64
3.28.3.18	losingFocus	64
3.28.3.19	openInternal	64
3.28.3.20	pollEventInternal	64
3.28.3.21	preferredHeight	64
3.28.3.22	preferredWidth	65
3.28.3.23	setDefaultButton	65
3.28.3.24	setEnabled	65
3.28.3.25	setSize	65
3.28.3.26	userResized	65
3.28.3.27	waitForEventInternal	65
3.28.3.28	waitForEventTimeout	65
3.28.3.29	wizardDefaultButton	66
3.29	YQDownloadProgress Class Reference	66
3.29.1	Detailed Description	66
3.29.2	Constructor & Destructor Documentation	67
3.29.2.1	YQDownloadProgress	67
3.29.2.2	~YQDownloadProgress	67
3.29.3	Member Function Documentation	67
3.29.3.1	pollFileSize	67
3.29.3.2	preferredHeight	67
3.29.3.3	preferredWidth	67
3.29.3.4	setEnabled	67
3.29.3.5	setExpectedSize	67
3.29.3.6	setFilename	68
3.29.3.7	setLabel	68
3.29.3.8	setSize	68
3.30	YQDumbTab Class Reference	68
3.30.1	Detailed Description	69
3.30.2	Constructor & Destructor Documentation	69
3.30.2.1	YQDumbTab	69
3.30.2.2	~YQDumbTab	69
3.30.3	Member Function Documentation	69
3.30.3.1	addItem	69
3.30.3.2	deleteAllItems	69

3.30.3.3	deselectAllItems	69
3.30.3.4	preferredHeight	70
3.30.3.5	preferredWidth	70
3.30.3.6	selectItem	70
3.30.3.7	setEnabled	70
3.30.3.8	setSize	70
3.30.3.9	shortcutChanged	70
3.30.3.10	slotSelected	70
3.31	YQEmpty Class Reference	71
3.31.1	Detailed Description	71
3.31.2	Constructor & Destructor Documentation	71
3.31.2.1	YQEmpty	71
3.31.2.2	~YQEmpty	71
3.31.3	Member Function Documentation	71
3.31.3.1	setSize	71
3.32	YQFrame Class Reference	72
3.32.1	Detailed Description	72
3.32.2	Constructor & Destructor Documentation	72
3.32.2.1	YQFrame	72
3.32.2.2	~YQFrame	72
3.32.3	Member Function Documentation	72
3.32.3.1	preferredHeight	72
3.32.3.2	preferredWidth	73
3.32.3.3	setEnabled	73
3.32.3.4	setLabel	73
3.32.3.5	setSize	73
3.33	YQGenericButton Class Reference	73
3.33.1	Detailed Description	74
3.33.2	Constructor & Destructor Documentation	74
3.33.2.1	YQGenericButton	74
3.33.2.2	~YQGenericButton	74
3.33.3	Member Function Documentation	75
3.33.3.1	activate	75
3.33.3.2	dialog	75
3.33.3.3	eventFilter	75
3.33.3.4	isEnabled	75
3.33.3.5	isShownAsDefault	75

3.33.3.6	<a href="#">QPushButton</a>	75
3.33.3.7	<a href="#">setEnabled</a>	75
3.33.3.8	<a href="#">setIcon</a>	75
3.33.3.9	<a href="#">setKeyboardFocus</a>	76
3.33.3.10	<a href="#">setLabel</a>	76
3.33.3.11	<a href="#">setLabel</a>	76
3.33.3.12	<a href="#">setQPushButton</a>	76
3.33.3.13	<a href="#">showAsDefault</a>	76
3.33.3.14	<a href="#">text</a>	76
3.33.3.15	<a href="#">yQDialog</a>	76
3.34	<a href="#">YQGraphPluginIf Class Reference</a>	77
3.34.1	<a href="#">Detailed Description</a>	77
3.35	<a href="#">YQGraphPluginStub Class Reference</a>	77
3.35.1	<a href="#">Detailed Description</a>	77
3.35.2	<a href="#">Constructor &amp; Destructor Documentation</a>	77
3.35.2.1	<a href="#">YQGraphPluginStub</a>	77
3.35.2.2	<a href="#">~YQGraphPluginStub</a>	78
3.35.3	<a href="#">Member Function Documentation</a>	78
3.35.3.1	<a href="#">createGraph</a>	78
3.36	<a href="#">YQImage Class Reference</a>	78
3.36.1	<a href="#">Detailed Description</a>	79
3.36.2	<a href="#">Constructor &amp; Destructor Documentation</a>	79
3.36.2.1	<a href="#">YQImage</a>	79
3.36.2.2	<a href="#">~YQImage</a>	79
3.36.3	<a href="#">Member Function Documentation</a>	79
3.36.3.1	<a href="#">preferredHeight</a>	79
3.36.3.2	<a href="#">preferredWidth</a>	79
3.36.3.3	<a href="#">setAutoScale</a>	79
3.36.3.4	<a href="#">setEnabled</a>	79
3.36.3.5	<a href="#">setImage</a>	80
3.36.3.6	<a href="#">setSize</a>	80
3.37	<a href="#">YQInputField Class Reference</a>	80
3.37.1	<a href="#">Detailed Description</a>	81
3.37.2	<a href="#">Constructor &amp; Destructor Documentation</a>	81
3.37.2.1	<a href="#">YQInputField</a>	81
3.37.3	<a href="#">Member Function Documentation</a>	81
3.37.3.1	<a href="#">changed</a>	81

3.37.3.2	<a href="#">clearCapsLockWarning</a>	81
3.37.3.3	<a href="#">displayCapsLockWarning</a>	81
3.37.3.4	<a href="#">isValidText</a>	81
3.37.3.5	<a href="#">preferredHeight</a>	81
3.37.3.6	<a href="#">preferredWidth</a>	82
3.37.3.7	<a href="#">setEnabled</a>	82
3.37.3.8	<a href="#">setInputMaxLength</a>	82
3.37.3.9	<a href="#">setKeyboardFocus</a>	82
3.37.3.10	<a href="#">setLabel</a>	82
3.37.3.11	<a href="#">setSize</a>	82
3.37.3.12	<a href="#">setValidChars</a>	82
3.37.3.13	<a href="#">setValue</a>	83
3.37.3.14	<a href="#">value</a>	83
3.38	<a href="#">YQIntField Class Reference</a>	83
3.38.1	<a href="#">Detailed Description</a>	84
3.38.2	<a href="#">Constructor &amp; Destructor Documentation</a>	84
3.38.2.1	<a href="#">YQIntField</a>	84
3.38.2.2	<a href="#">~YQIntField</a>	84
3.38.3	<a href="#">Member Function Documentation</a>	84
3.38.3.1	<a href="#">preferredHeight</a>	84
3.38.3.2	<a href="#">preferredWidth</a>	84
3.38.3.3	<a href="#">setEnabled</a>	85
3.38.3.4	<a href="#">setKeyboardFocus</a>	85
3.38.3.5	<a href="#">setLabel</a>	85
3.38.3.6	<a href="#">setSize</a>	85
3.38.3.7	<a href="#">setValueInternal</a>	85
3.38.3.8	<a href="#">value</a>	85
3.38.3.9	<a href="#">valueChanged</a>	85
3.38.3.10	<a href="#">valueChangedSlot</a>	86
3.39	<a href="#">YQLabel Class Reference</a>	86
3.39.1	<a href="#">Detailed Description</a>	86
3.39.2	<a href="#">Constructor &amp; Destructor Documentation</a>	86
3.39.2.1	<a href="#">YQLabel</a>	86
3.39.2.2	<a href="#">~YQLabel</a>	86
3.39.3	<a href="#">Member Function Documentation</a>	87
3.39.3.1	<a href="#">preferredHeight</a>	87
3.39.3.2	<a href="#">preferredWidth</a>	87

3.39.3.3	setEnabled	87
3.39.3.4	setSize	87
3.39.3.5	setText	87
3.39.3.6	setUseBoldFont	87
3.40	YQLayoutBox Class Reference	88
3.40.1	Detailed Description	88
3.40.2	Constructor & Destructor Documentation	88
3.40.2.1	YQLayoutBox	88
3.40.2.2	~YQLayoutBox	88
3.40.3	Member Function Documentation	88
3.40.3.1	moveChild	88
3.40.3.2	setEnabled	89
3.40.3.3	setSize	89
3.41	YQLogView Class Reference	89
3.41.1	Detailed Description	90
3.41.2	Constructor & Destructor Documentation	90
3.41.2.1	YQLogView	90
3.41.2.2	~YQLogView	90
3.41.3	Member Function Documentation	90
3.41.3.1	displayLogText	90
3.41.3.2	preferredHeight	90
3.41.3.3	preferredWidth	90
3.41.3.4	setEnabled	90
3.41.3.5	setKeyboardFocus	91
3.41.3.6	setLabel	91
3.41.3.7	setSize	91
3.42	YQMainWinDock Class Reference	91
3.42.1	Detailed Description	92
3.42.2	Constructor & Destructor Documentation	92
3.42.2.1	YQMainWinDock	92
3.42.2.2	~YQMainWinDock	92
3.42.3	Member Function Documentation	93
3.42.3.1	activateCurrentDialog	93
3.42.3.2	add	93
3.42.3.3	closeEvent	93
3.42.3.4	couldDock	93
3.42.3.5	mainWinDock	93



3.42.3.6	<a href="#">paintEvent</a>	93
3.42.3.7	<a href="#">remove</a>	93
3.42.3.8	<a href="#">resizeEvent</a>	94
3.42.3.9	<a href="#">resizeVisibleChild</a>	94
3.42.3.10	<a href="#">setSideBarWidth</a>	94
3.42.3.11	<a href="#">show</a>	94
3.42.3.12	<a href="#">showCurrentDialog</a>	94
3.42.3.13	<a href="#">topmostDialog</a>	94
3.43	<a href="#">YQMenuButton Class Reference</a>	94
3.43.1	<a href="#">Detailed Description</a>	95
3.43.2	<a href="#">Constructor &amp; Destructor Documentation</a>	95
3.43.2.1	<a href="#">YQMenuButton</a>	95
3.43.2.2	<a href="#">~YQMenuButton</a>	96
3.43.3	<a href="#">Member Function Documentation</a>	96
3.43.3.1	<a href="#">menuEntryActivated</a>	96
3.43.3.2	<a href="#">preferredHeight</a>	96
3.43.3.3	<a href="#">preferredWidth</a>	96
3.43.3.4	<a href="#">rebuildMenuTree</a>	96
3.43.3.5	<a href="#">rebuildMenuTree</a>	96
3.43.3.6	<a href="#">returnNow</a>	96
3.43.3.7	<a href="#">setEnabled</a>	96
3.43.3.8	<a href="#">setKeyboardFocus</a>	97
3.43.3.9	<a href="#">setLabel</a>	97
3.43.3.10	<a href="#">setSize</a>	97
3.44	<a href="#">YQMultiLineEdit Class Reference</a>	97
3.44.1	<a href="#">Detailed Description</a>	98
3.44.2	<a href="#">Constructor &amp; Destructor Documentation</a>	98
3.44.2.1	<a href="#">YQMultiLineEdit</a>	98
3.44.2.2	<a href="#">~YQMultiLineEdit</a>	98
3.44.3	<a href="#">Member Function Documentation</a>	98
3.44.3.1	<a href="#">changed</a>	98
3.44.3.2	<a href="#">enforceMaxInputLength</a>	98
3.44.3.3	<a href="#">preferredHeight</a>	99
3.44.3.4	<a href="#">preferredWidth</a>	99
3.44.3.5	<a href="#">setEnabled</a>	99
3.44.3.6	<a href="#">setInputMaxLength</a>	99
3.44.3.7	<a href="#">setKeyboardFocus</a>	99

3.44.3.8	setLabel	99
3.44.3.9	setSize	99
3.44.3.10	setValue	100
3.44.3.11	value	100
3.45	YQMultiProgressMeter Class Reference	100
3.45.1	Detailed Description	101
3.45.2	Constructor & Destructor Documentation	101
3.45.2.1	YQMultiProgressMeter	101
3.45.2.2	~YQMultiProgressMeter	101
3.45.3	Member Function Documentation	101
3.45.3.1	doUpdate	101
3.45.3.2	drawMarkers	101
3.45.3.3	drawSegment	101
3.45.3.4	init	102
3.45.3.5	length	102
3.45.3.6	margin	102
3.45.3.7	paintEvent	102
3.45.3.8	preferredHeight	102
3.45.3.9	preferredWidth	102
3.45.3.10	segmentMinLength	102
3.45.3.11	setEnabled	102
3.45.3.12	setMargin	103
3.45.3.13	setSegmentMinLength	103
3.45.3.14	setSize	103
3.45.3.15	setSpacing	103
3.45.3.16	setTriSpacing	103
3.45.3.17	setTriThickness	103
3.45.3.18	spacing	103
3.45.3.19	thickness	103
3.45.3.20	triSpacing	104
3.45.3.21	triThickness	104
3.46	YQMultiSelectionBox Class Reference	104
3.46.1	Detailed Description	105
3.46.2	Constructor & Destructor Documentation	105
3.46.2.1	YQMultiSelectionBox	105
3.46.2.2	~YQMultiSelectionBox	105
3.46.3	Member Function Documentation	105

3.46.3.1	<a href="#">addItem</a>	105
3.46.3.2	<a href="#">currentItem</a>	105
3.46.3.3	<a href="#">deleteAllItems</a>	106
3.46.3.4	<a href="#">deselectAllItems</a>	106
3.46.3.5	<a href="#">findItem</a>	106
3.46.3.6	<a href="#">preferredHeight</a>	106
3.46.3.7	<a href="#">preferredWidth</a>	106
3.46.3.8	<a href="#">selectItem</a>	106
3.46.3.9	<a href="#">setCurrentItem</a>	106
3.46.3.10	<a href="#">setEnabled</a>	107
3.46.3.11	<a href="#">setKeyboardFocus</a>	107
3.46.3.12	<a href="#">setLabel</a>	107
3.46.3.13	<a href="#">setSize</a>	107
3.46.3.14	<a href="#">slotSelected</a>	107
3.46.3.15	<a href="#">slotValueChanged</a>	107
3.46.3.16	<a href="#">valueChanged</a>	107
3.47	<a href="#">YQMultiSelectionBoxItem Class Reference</a>	108
3.47.1	<a href="#">Detailed Description</a>	108
3.47.2	<a href="#">Constructor &amp; Destructor Documentation</a>	108
3.47.2.1	<a href="#">YQMultiSelectionBoxItem</a>	108
3.47.2.2	<a href="#">~YQMultiSelectionBoxItem</a>	108
3.47.3	<a href="#">Member Function Documentation</a>	109
3.47.3.1	<a href="#">yItem</a>	109
3.47.4	<a href="#">Member Data Documentation</a>	109
3.47.4.1	<a href="#">_item_count</a>	109
3.48	<a href="#">YQOptionalWidgetFactory Class Reference</a>	109
3.48.1	<a href="#">Detailed Description</a>	110
3.48.2	<a href="#">Constructor &amp; Destructor Documentation</a>	110
3.48.2.1	<a href="#">YQOptionalWidgetFactory</a>	110
3.48.2.2	<a href="#">~YQOptionalWidgetFactory</a>	111
3.49	<a href="#">YQPackageSelectorPluginIf Class Reference</a>	111
3.49.1	<a href="#">Detailed Description</a>	111
3.50	<a href="#">YQPackageSelectorPluginStub Class Reference</a>	111
3.50.1	<a href="#">Detailed Description</a>	112
3.50.2	<a href="#">Constructor &amp; Destructor Documentation</a>	112
3.50.2.1	<a href="#">YQPackageSelectorPluginStub</a>	112
3.50.2.2	<a href="#">~YQPackageSelectorPluginStub</a>	112

3.50.3	Member Function Documentation	112
3.50.3.1	createPackageSelector	112
3.50.3.2	createPatternSelector	112
3.50.3.3	createSimplePatchSelector	112
3.51	YQPartitionSplitter Class Reference	112
3.51.1	Detailed Description	113
3.51.2	Constructor & Destructor Documentation	113
3.51.2.1	YQPartitionSplitter	113
3.51.2.2	~YQPartitionSplitter	114
3.51.3	Member Function Documentation	114
3.51.3.1	preferredHeight	114
3.51.3.2	preferredWidth	114
3.51.3.3	setEnabled	114
3.51.3.4	setFreeSizeSlot	114
3.51.3.5	setKeyboardFocus	114
3.51.3.6	setNewPartSizeSlot	114
3.51.3.7	setSize	115
3.51.3.8	setValue	115
3.51.3.9	value	115
3.52	YQProgressBar Class Reference	115
3.52.1	Detailed Description	116
3.52.2	Constructor & Destructor Documentation	116
3.52.2.1	YQProgressBar	116
3.52.2.2	~YQProgressBar	116
3.52.3	Member Function Documentation	116
3.52.3.1	preferredHeight	116
3.52.3.2	preferredWidth	116
3.52.3.3	setEnabled	116
3.52.3.4	setKeyboardFocus	116
3.52.3.5	setLabel	117
3.52.3.6	setSize	117
3.52.3.7	setValue	117
3.53	YQPushButton Class Reference	117
3.53.1	Detailed Description	118
3.53.2	Constructor & Destructor Documentation	118
3.53.2.1	YQPushButton	118
3.53.2.2	~YQPushButton	118

3.53.3	Member Function Documentation	118
3.53.3.1	hit	118
3.53.3.2	preferredHeight	118
3.53.3.3	preferredWidth	118
3.53.3.4	setSize	118
3.54	YQRadioButton Class Reference	119
3.54.1	Detailed Description	119
3.54.2	Constructor & Destructor Documentation	119
3.54.2.1	YQRadioButton	119
3.54.3	Member Function Documentation	120
3.54.3.1	changed	120
3.54.3.2	eventFilter	120
3.54.3.3	preferredHeight	120
3.54.3.4	preferredWidth	120
3.54.3.5	setEnabled	120
3.54.3.6	setKeyboardFocus	120
3.54.3.7	setLabel	120
3.54.3.8	setSize	121
3.54.3.9	setUseBoldFont	121
3.54.3.10	setValue	121
3.54.3.11	value	121
3.55	YQRadioButtonGroup Class Reference	121
3.55.1	Detailed Description	122
3.55.2	Constructor & Destructor Documentation	122
3.55.2.1	YQRadioButtonGroup	122
3.55.2.2	~YQRadioButtonGroup	122
3.55.3	Member Function Documentation	122
3.55.3.1	addRadioButton	122
3.55.3.2	setEnabled	122
3.55.3.3	setSize	122
3.56	YQRawLineEdit Class Reference	122
3.56.1	Detailed Description	123
3.56.2	Constructor & Destructor Documentation	123
3.56.2.1	YQRawLineEdit	123
3.56.2.2	~YQRawLineEdit	123
3.56.3	Member Function Documentation	123
3.56.3.1	isCapsLockActive	123

3.56.3.2	x11Event	124
3.57	YQReplacePoint Class Reference	124
3.57.1	Detailed Description	124
3.57.2	Constructor & Destructor Documentation	124
3.57.2.1	YQReplacePoint	124
3.57.3	Member Function Documentation	124
3.57.3.1	setEnabled	124
3.57.3.2	setSize	125
3.57.3.3	showChild	125
3.58	YQRichText Class Reference	125
3.58.1	Detailed Description	126
3.58.2	Constructor & Destructor Documentation	126
3.58.2.1	YQRichText	126
3.58.2.2	~YQRichText	126
3.58.3	Member Function Documentation	126
3.58.3.1	eventFilter	126
3.58.3.2	haveHyperLinks	126
3.58.3.3	linkClicked	126
3.58.3.4	preferredHeight	127
3.58.3.5	preferredWidth	127
3.58.3.6	setAutoScrollDown	127
3.58.3.7	setEnabled	127
3.58.3.8	setKeyboardFocus	127
3.58.3.9	setPlainTextMode	127
3.58.3.10	setSize	127
3.58.3.11	setValue	128
3.59	YQSelectionBox Class Reference	128
3.59.1	Detailed Description	129
3.59.2	Constructor & Destructor Documentation	129
3.59.2.1	YQSelectionBox	129
3.59.2.2	~YQSelectionBox	129
3.59.3	Member Function Documentation	129
3.59.3.1	addItem	129
3.59.3.2	addItem	129
3.59.3.3	addItems	129
3.59.3.4	deleteAllItems	129
3.59.3.5	deselectAllItems	130

3.59.3.6	eventFilter	130
3.59.3.7	preferredHeight	130
3.59.3.8	preferredWidth	130
3.59.3.9	returnDelayed	130
3.59.3.10	returnImmediately	130
3.59.3.11	selectItem	130
3.59.3.12	selectItem	131
3.59.3.13	setEnabled	131
3.59.3.14	setKeyboardFocus	131
3.59.3.15	setLabel	131
3.59.3.16	setSize	131
3.59.3.17	slotActivated	131
3.59.3.18	slotSelectionChanged	131
3.60	YQSignalBlocker Class Reference	132
3.60.1	Detailed Description	132
3.60.2	Constructor & Destructor Documentation	132
3.60.2.1	YQSignalBlocker	132
3.60.2.2	~YQSignalBlocker	132
3.61	YQSlider Class Reference	132
3.61.1	Detailed Description	133
3.61.2	Constructor & Destructor Documentation	133
3.61.2.1	YQSlider	133
3.61.2.2	~YQSlider	134
3.61.3	Member Function Documentation	134
3.61.3.1	preferredHeight	134
3.61.3.2	preferredWidth	134
3.61.3.3	setEnabled	134
3.61.3.4	setKeyboardFocus	134
3.61.3.5	setLabel	134
3.61.3.6	setSize	134
3.61.3.7	setValueInternal	135
3.61.3.8	value	135
3.61.3.9	valueChanged	135
3.61.3.10	valueChangedSlot	135
3.62	YQSpacing Class Reference	135
3.62.1	Detailed Description	135
3.62.2	Constructor & Destructor Documentation	136

3.62.2.1	YQSpacing	136
3.62.3	Member Function Documentation	136
3.62.3.1	setSize	136
3.63	YQSquash Class Reference	136
3.63.1	Detailed Description	136
3.63.2	Constructor & Destructor Documentation	136
3.63.2.1	YQSquash	136
3.63.2.2	~YQSquash	137
3.63.3	Member Function Documentation	137
3.63.3.1	setEnabled	137
3.63.3.2	setSize	137
3.64	YQTable Class Reference	137
3.64.1	Detailed Description	138
3.64.2	Constructor & Destructor Documentation	138
3.64.2.1	YQTable	138
3.64.2.2	~YQTable	138
3.64.3	Member Function Documentation	138
3.64.3.1	addItem	138
3.64.3.2	addItem	139
3.64.3.3	addItems	139
3.64.3.4	cellChanged	139
3.64.3.5	deleteAllItems	139
3.64.3.6	deselectAllItems	139
3.64.3.7	preferredHeight	139
3.64.3.8	preferredWidth	139
3.64.3.9	selectItem	140
3.64.3.10	selectOrigItem	140
3.64.3.11	setEnabled	140
3.64.3.12	setKeepSorting	140
3.64.3.13	setKeyboardFocus	140
3.64.3.14	setSize	140
3.64.3.15	slotActivated	140
3.64.3.16	slotContextMenu	141
3.64.3.17	slotSelected	141
3.64.3.18	slotSelectionChanged	141
3.65	YQTableListViewItem Class Reference	141
3.65.1	Detailed Description	142



3.65.2	Constructor & Destructor Documentation	142
3.65.2.1	YQTableListViewItem	142
3.65.3	Member Function Documentation	142
3.65.3.1	origItem	142
3.65.3.2	table	142
3.65.3.3	updateCell	142
3.66	YQTextBrowser Class Reference	142
3.66.1	Detailed Description	143
3.66.2	Constructor & Destructor Documentation	143
3.66.2.1	YQTextBrowser	143
3.66.3	Member Function Documentation	143
3.66.3.1	setSource	143
3.67	YQTimeField Class Reference	143
3.67.1	Detailed Description	144
3.67.2	Constructor & Destructor Documentation	144
3.67.2.1	YQTimeField	144
3.67.2.2	~YQTimeField	144
3.67.3	Member Function Documentation	144
3.67.3.1	preferredHeight	144
3.67.3.2	preferredWidth	145
3.67.3.3	setEnabled	145
3.67.3.4	setKeyboardFocus	145
3.67.3.5	setLabel	145
3.67.3.6	setSize	145
3.67.3.7	setValue	145
3.67.3.8	value	145
3.68	YQTimezoneSelector Class Reference	146
3.68.1	Detailed Description	146
3.68.2	Constructor & Destructor Documentation	146
3.68.2.1	YQTimezoneSelector	146
3.68.2.2	~YQTimezoneSelector	147
3.68.3	Member Function Documentation	147
3.68.3.1	currentZone	147
3.68.3.2	preferredHeight	147
3.68.3.3	preferredWidth	147
3.68.3.4	setCurrentZone	147
3.68.3.5	setSize	147

3.69 YQTimezoneSelectorPrivate Class Reference . . . . .	147
3.69.1 Detailed Description . . . . .	148
3.70 YQTree Class Reference . . . . .	148
3.70.1 Detailed Description . . . . .	149
3.70.2 Constructor & Destructor Documentation . . . . .	149
3.70.2.1 YQTree . . . . .	149
3.70.2.2 ~YQTree . . . . .	149
3.70.3 Member Function Documentation . . . . .	149
3.70.3.1 buildDisplayTree . . . . .	149
3.70.3.2 currentItem . . . . .	150
3.70.3.3 deleteAllItems . . . . .	150
3.70.3.4 deselectAllItems . . . . .	150
3.70.3.5 openBranch . . . . .	150
3.70.3.6 preferredHeight . . . . .	150
3.70.3.7 preferredWidth . . . . .	150
3.70.3.8 rebuildTree . . . . .	150
3.70.3.9 selectItem . . . . .	151
3.70.3.10 selectItem . . . . .	151
3.70.3.11 selectItem . . . . .	151
3.70.3.12 setEnabled . . . . .	151
3.70.3.13 setKeyboardFocus . . . . .	151
3.70.3.14 setLabel . . . . .	151
3.70.3.15 setSize . . . . .	151
3.70.3.16 slotActivated . . . . .	151
3.70.3.17 slotContextMenu . . . . .	152
3.70.3.18 slotItemChanged . . . . .	152
3.70.3.19 slotItemCollapsed . . . . .	152
3.70.3.20 slotItemExpanded . . . . .	152
3.70.3.21 slotSelectionChanged . . . . .	152
3.71 YQTreeItem Class Reference . . . . .	152
3.71.1 Detailed Description . . . . .	153
3.71.2 Constructor & Destructor Documentation . . . . .	153
3.71.2.1 YQTreeItem . . . . .	153
3.71.2.2 YQTreeItem . . . . .	153
3.71.3 Member Function Documentation . . . . .	153
3.71.3.1 key . . . . .	153
3.71.3.2 origItem . . . . .	153

3.71.3.3	setOpen	154
3.72	YQUI Class Reference	154
3.72.1	Detailed Description	156
3.72.2	Constructor & Destructor Documentation	156
3.72.2.1	YQUI	156
3.72.2.2	~YQUI	156
3.72.3	Member Function Documentation	156
3.72.3.1	applicationTitle	156
3.72.3.2	askConfigureLogging	156
3.72.3.3	askPlayMacro	156
3.72.3.4	askSaveLogs	156
3.72.3.5	blockEvents	157
3.72.3.6	busyCursor	157
3.72.3.7	calcDefaultSize	157
3.72.3.8	close	157
3.72.3.9	consumePendingEvent	157
3.72.3.10	createOptionalWidgetFactory	157
3.72.3.11	createWidgetFactory	157
3.72.3.12	defaultSize	157
3.72.3.13	deleteNotify	158
3.72.3.14	eventPendingFor	158
3.72.3.15	eventsBlocked	158
3.72.3.16	fatalError	158
3.72.3.17	forceUnblockEvents	158
3.72.3.18	fullscreen	158
3.72.3.19	idleLoop	158
3.72.3.20	initUI	159
3.72.3.21	makeScreenShot	159
3.72.3.22	noBorder	159
3.72.3.23	normalCursor	159
3.72.3.24	normalPalette	159
3.72.3.25	pendingEvent	159
3.72.3.26	probeX11Display	159
3.72.3.27	processCommandLineArgs	159
3.72.3.28	raiseFatalError	160
3.72.3.29	receivedYCPCommand	160
3.72.3.30	runPkgSelection	160

3.72.3.31	sendEvent	160
3.72.3.32	setApplicationTitle	160
3.72.3.33	setTextdomain	160
3.72.3.34	timeoutBusyCursor	160
3.72.3.35	toggleRecordMacro	161
3.72.3.36	toggleVisionImpairedPalette	161
3.72.3.37	ui	161
3.72.3.38	usingVisionImpairedPalette	161
3.72.3.39	visionImpairedPalette	161
3.72.3.40	yqApp	161
3.73	YQUISignalReceiver Class Reference	161
3.73.1	Detailed Description	162
3.74	YQWidgetCaption Class Reference	162
3.74.1	Detailed Description	162
3.74.2	Constructor & Destructor Documentation	163
3.74.2.1	YQWidgetCaption	163
3.74.2.2	~YQWidgetCaption	163
3.74.3	Member Function Documentation	163
3.74.3.1	setText	163
3.75	YQWidgetFactory Class Reference	163
3.75.1	Detailed Description	164
3.75.2	Constructor & Destructor Documentation	165
3.75.2.1	YQWidgetFactory	165
3.75.2.2	~YQWidgetFactory	165
3.76	YQWizard Class Reference	165
3.76.1	Detailed Description	168
3.76.2	Constructor & Destructor Documentation	168
3.76.2.1	YQWizard	168
3.76.2.2	~YQWizard	168
3.76.3	Member Function Documentation	168
3.76.3.1	abortClicked	168
3.76.3.2	addMenu	169
3.76.3.3	addMenuEntry	169
3.76.3.4	addMenuSeparator	169
3.76.3.5	addStep	169
3.76.3.6	addStepHeading	169
3.76.3.7	addSubMenu	169

3.76.3.8	addTreeItem	170
3.76.3.9	backButton	170
3.76.3.10	backClicked	170
3.76.3.11	connectNotify	170
3.76.3.12	copySteps	170
3.76.3.13	currentStep	170
3.76.3.14	currentTreeSelection	170
3.76.3.15	debugLabel	170
3.76.3.16	deleteMenus	171
3.76.3.17	deleteSteps	171
3.76.3.18	deleteTreeItems	171
3.76.3.19	destroyButtons	171
3.76.3.20	direction	171
3.76.3.21	disconnectNotify	171
3.76.3.22	enableButton	171
3.76.3.23	eventFilter	172
3.76.3.24	findStep	172
3.76.3.25	findTreeItem	172
3.76.3.26	hideReleaseNotesButton	172
3.76.3.27	isSecondary	172
3.76.3.28	nextClicked	172
3.76.3.29	preferredHeight	172
3.76.3.30	preferredWidth	172
3.76.3.31	releaseNotesClicked	173
3.76.3.32	resizeClientArea	173
3.76.3.33	retranslateInternalButtons	173
3.76.3.34	selectTreeItem	173
3.76.3.35	sendEvent	173
3.76.3.36	sendMenuEvent	173
3.76.3.37	sendTreeEvent	174
3.76.3.38	setButtonFocus	174
3.76.3.39	setButtonLabel	174
3.76.3.40	setButtonLabel	174
3.76.3.41	setCurrentStep	174
3.76.3.42	setDialogHeading	174
3.76.3.43	setDialogIcon	174
3.76.3.44	setDialogTitle	174

3.76.3.45	setHelpText	175
3.76.3.46	setSize	175
3.76.3.47	showHelp	175
3.76.3.48	showReleaseNotesButton	175
3.76.3.49	showSteps	175
3.76.3.50	showTree	175
3.76.3.51	slotAbortClicked	175
3.76.3.52	slotBackClicked	176
3.76.3.53	slotNextClicked	176
3.76.3.54	stepsList	176
3.76.3.55	treeSelectionChanged	176
3.76.3.56	updateSteps	176
3.76.3.57	updateStepStates	176
3.76.3.58	workArea	176
3.77	YQWizardButton Class Reference	177
3.77.1	Detailed Description	177
3.77.2	Constructor & Destructor Documentation	177
3.77.2.1	YQWizardButton	177
3.77.2.2	~YQWizardButton	177
3.77.3	Member Function Documentation	178
3.77.3.1	clicked	178
3.77.3.2	hide	178
3.77.3.3	isHidden	178
3.77.3.4	isShown	178
3.77.3.5	preferredHeight	178
3.77.3.6	preferredWidth	178
3.77.3.7	setSize	178
3.77.3.8	show	178
3.77.3.9	widgetClass	179
3.77.3.10	wizard	179

# Chapter 1

## Hierarchical Index

### 1.1 Class Hierarchy

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

YQTimezoneSelectorPrivate::Location . . . . .	8
QCheckBox	
YQCheckBox . . . . .	47
QDialog	
QY2HelpDialog . . . . .	20
QY2StyleEditor . . . . .	27
QFrame	
BusyBar . . . . .	7
YQBarGraph . . . . .	41
YQBusyIndicator . . . . .	43
YQComboBox . . . . .	51
YQDateField . . . . .	57
YQDownloadProgress . . . . .	66
YQInputField . . . . .	80
YQIntField . . . . .	83
YQLogView . . . . .	89
YQMultiLineEdit . . . . .	97
YQMultiSelectionBox . . . . .	104
YQProgressBar . . . . .	115
YQRichText . . . . .	125
YQSelectionBox . . . . .	128
YQSlider . . . . .	132
YQTable . . . . .	137
YQTimeField . . . . .	143
YQTimezoneSelector . . . . .	146
YQTree . . . . .	148
QGroupBox	
YQCheckBoxFrame . . . . .	49
YQFrame . . . . .	72
QItemDelegate	
QY2DiskUsagePercentageltem . . . . .	19
QLabel	
YQImage . . . . .	78
YQLabel . . . . .	86

YQWidgetCaption . . . . .	162
QLineEdit	
YQRawLineEdit . . . . .	122
QObject	
QY2Styler . . . . .	28
YQApplication . . . . .	33
YQContextMenu . . . . .	55
YQUISignalReceiver . . . . .	161
QRadioButton	
YQRadioButton . . . . .	119
QSplitter	
YQWizard . . . . .	165
QTextBrowser	
YQTextBrowser . . . . .	142
QTextEdit	
MyTextEdit . . . . .	8
QTreeWidget	
QY2ListView . . . . .	20
QY2DiskUsageList . . . . .	14
QTreeWidgetItem	
QY2ListViewItem . . . . .	25
QY2CheckListItem . . . . .	10
QY2DiskUsageListItem . . . . .	16
YQTableListItem . . . . .	141
YQWizard::TreeItem . . . . .	31
YQMultiSelectionBoxItem . . . . .	108
YQTreeItem . . . . .	152
QValidator	
QY2CharValidator . . . . .	9
QWidget	
QY2ComboTabWidget . . . . .	12
YQAlignment . . . . .	32
YQButtonBox . . . . .	46
YQDialog . . . . .	60
YQDumbTab . . . . .	68
YQEmpty . . . . .	71
YQGenericButton . . . . .	73
YQPushButton . . . . .	117
YQWizardButton . . . . .	177
YQLayoutBox . . . . .	88
YQMainWinDock . . . . .	91
YQMenuButton . . . . .	94
YQMultiProgressMeter . . . . .	100
YQPartitionSplitter . . . . .	112
YQRadioButtonGroup . . . . .	121
YQReplacePoint . . . . .	124
YQSpacing . . . . .	135
YQSquash . . . . .	136
YQWizard::Step . . . . .	29
YQWizard::StepHeading . . . . .	30
YAlignment	
YQAlignment . . . . .	32
YApplication	
YQApplication . . . . .	33



YBarGraph	
YQBarGraph . . . . .	41
YBusyIndicator	
YQBusyIndicator . . . . .	43
YButtonBox	
YQButtonBox . . . . .	46
YCheckBox	
YQCheckBox . . . . .	47
YCheckBoxFrame	
YQCheckBoxFrame . . . . .	49
YComboBox	
YQComboBox . . . . .	51
YContextMenu	
YQContextMenu . . . . .	55
YDateField	
YQDateField . . . . .	57
YDialog	
YQDialog . . . . .	60
YDownloadProgress	
YQDownloadProgress . . . . .	66
YDumbTab	
YQDumbTab . . . . .	68
YEmpty	
YQEmpty . . . . .	71
YFrame	
YQFrame . . . . .	72
YGraphPlugin	
YQGraphPluginStub . . . . .	77
YImage	
YQImage . . . . .	78
YInputField	
YQInputField . . . . .	80
YIntField	
YQIntField . . . . .	83
YLabel	
YQLabel . . . . .	86
YLayoutBox	
YQLayoutBox . . . . .	88
YLogView	
YQLogView . . . . .	89
YMenuButton	
YQMenuButton . . . . .	94
YMultiLineEdit	
YQMultiLineEdit . . . . .	97
YMultiProgressMeter	
YQMultiProgressMeter . . . . .	100
YMultiSelectionBox	
YQMultiSelectionBox . . . . .	104
YOptionalWidgetFactory	
YQOptionalWidgetFactory . . . . .	109
YPackageSelectorPlugin	
YQPackageSelectorPluginStub . . . . .	111
YPartitionSplitter	
YQPartitionSplitter . . . . .	112

YProgressBar	
YQProgressBar . . . . .	115
YPushButton	
YQGenericButton . . . . .	73
YQGraphPluginIf . . . . .	77
YQPackageSelectorPluginIf . . . . .	111
YQSignalBlocker . . . . .	132
YQTimezoneSelectorPrivate . . . . .	147
YRadioButton	
YQRadioButton . . . . .	119
YRadioButtonGroup	
YQRadioButtonGroup . . . . .	121
YReplacePoint	
YQReplacePoint . . . . .	124
YRichText	
YQRichText . . . . .	125
YSelectionBox	
YQSelectionBox . . . . .	128
YSlider	
YQSlider . . . . .	132
YSpacing	
YQSpacing . . . . .	135
YSquash	
YQSquash . . . . .	136
YTable	
YQTable . . . . .	137
YTimeField	
YQTimeField . . . . .	143
YTimezoneSelector	
YQTimezoneSelector . . . . .	146
YTree	
YQTree . . . . .	148
YUI	
YQUI . . . . .	154
YWidgetFactory	
YQWidgetFactory . . . . .	163
YWizard	
YQWizard . . . . .	165

## Chapter 2

# Class Index

### 2.1 Class List

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

BusyBar	7
YQTimezoneSelectorPrivate::Location	8
MyTextEdit	8
QY2CharValidator	9
QY2CheckListItem	10
QY2ComboTabWidget	12
QY2DiskUsageList	14
QY2DiskUsageListItem	16
QY2DiskUsagePercentageltem	19
QY2HelpDialog	20
QY2ListView	
Enhanced QTreeWidgetItem	20
QY2ListViewItem	25
QY2StyleEditor	
Stylesheet Editor Dialog	27
QY2Styler	28
YQWizard::Step	29
YQWizard::StepHeading	30
YQWizard::TreeItem	31
YQAlignment	32
YQApplication	33
YQBarGraph	41
YQBusyIndicator	43
YQButtonBox	46
YQCheckBox	47
YQCheckBoxFrame	49
YQComboBox	51
YQContextMenu	55
YQDateField	57
YQDialog	60
YQDownloadProgress	66
YQDumbTab	68
YQEmpty	71
YQFrame	72

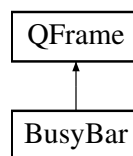
YQGenericButton	73
YQGraphPluginIf	77
YQGraphPluginStub	77
YQImage	78
YQInputField	80
YQIntField	83
YQLabel	86
YQLayoutBox	88
YQLogView	89
YQMainWinDock	91
YQMenuButton	94
YQMultiLineEdit	97
YQMultiProgressMeter	100
YQMultiSelectionBox	104
YQMultiSelectionBoxItem	108
YQOptionalWidgetFactory	109
YQPackageSelectorPluginIf	111
YQPackageSelectorPluginStub	111
YQPartitionSplitter	112
YQProgressBar	115
YQPushButton	117
YQRadioButton	119
YQRadioButtonGroup	121
YQRawLineEdit	122
YQReplacePoint	124
YQRichText	125
YQSelectionBox	128
YQSignalBlocker	132
YQSlider	132
YQSpacing	135
YQSquash	136
YQTable	137
YQTableListViewItem	141
YQTextBrowser	142
YQTimeField	143
YQTimezoneSelector	146
YQTimezoneSelectorPrivate	147
YQTree	148
YQTreeItem	152
YQUI	154
YUISignalReceiver	161
YQWidgetCaption	162
YQWidgetFactory	163
YQWizard	165
YQWizardButton	177

## Chapter 3

# Class Documentation

### 3.1 BusyBar Class Reference

Inheritance diagram for BusyBar:



#### Public Member Functions

- **BusyBar** (QWidget \*parent)
- void [run](#) ()
- void [stop](#) ()

#### Protected Member Functions

- void **paintEvent** (QPaintEvent \*event)

#### 3.1.1 Detailed Description

Definition at line [134](#) of file [YQBusyIndicator.h](#).

#### 3.1.2 Member Function Documentation

##### 3.1.2.1 void BusyBar::run ( )

start moving bar animation

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

### 3.1.2.2 void BusyBar::stop ( )

stop moving bar animation

Definition at line 90 of file [YQBusyIndicator.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQBusyIndicator.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQBusyIndicator.cc](#)

## 3.2 YQTimezoneSelectorPrivate::Location Struct Reference

### Public Member Functions

- bool **operator**< (const [Location](#) &l2) const

### Public Attributes

- QString **country**
- double **latitude**
- double **longitude**
- QString **zone**
- QString **comment**
- QString **tip**
- QPoint **pix\_pos**

### 3.2.1 Detailed Description

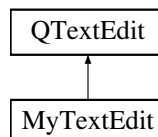
Definition at line 59 of file [YQTimezoneSelector.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTimezoneSelector.cc](#)

## 3.3 MyTextEdit Class Reference

Inheritance diagram for MyTextEdit:



### Signals

- void **resized** ()

## Public Member Functions

- **MyTextEdit** (QWidget \*parent)

## Protected Member Functions

- void **resizeEvent** (QResizeEvent \*event)

### 3.3.1 Detailed Description

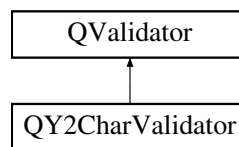
Definition at line 126 of file [YQLogView.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQLogView.h

## 3.4 QY2CharValidator Class Reference

Inheritance diagram for QY2CharValidator:



## Public Member Functions

- [QY2CharValidator](#) (const QString &initialValidChars, QObject \*parent=0, const char \*name=0)
- [~QY2CharValidator](#) ()
- virtual State [validate](#) (QString &input, int &pos) const
- void [setValidChars](#) (const QString &newValidChars)
- QString [validChars](#) () const

## Protected Attributes

- QString **\_validChars**

### 3.4.1 Detailed Description

Definition at line 34 of file [QY2CharValidator.h](#).

### 3.4.2 Constructor & Destructor Documentation

3.4.2.1 QY2CharValidator::QY2CharValidator ( const QString & *initialValidChars*, QObject \* *parent* = 0, const char \* *name* = 0 )

Constructor.

Create a validator object that checks for input characters being any one of 'validChars'. If this is empty, any input is accepted.

Definition at line 34 of file [QY2CharValidator.cc](#).

#### 3.4.2.2 QY2CharValidator::~~QY2CharValidator ( )

Destructor.

Definition at line 44 of file [QY2CharValidator.cc](#).

### 3.4.3 Member Function Documentation

#### 3.4.3.1 void QY2CharValidator::setValidChars ( const QString & newValidChars ) [inline]

Set the valid input characters. If 'newValidChars' is empty, any input is accepted.

Definition at line 66 of file [QY2CharValidator.h](#).

#### 3.4.3.2 QValidator::State QY2CharValidator::validate ( QString & input, int & pos ) const [virtual]

Check user input.

Reimplemented from QValidator.

Definition at line 51 of file [QY2CharValidator.cc](#).

#### 3.4.3.3 QString QY2CharValidator::validChars ( ) const [inline]

Retrieve the valid input characters.

Definition at line 72 of file [QY2CharValidator.h](#).

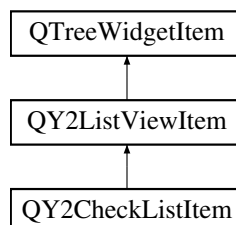
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2CharValidator.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2CharValidator.cc

## 3.5 QY2CheckListItem Class Reference

```
#include <QY2ListView.h>
```

Inheritance diagram for QY2CheckListItem:





## Public Member Functions

- [QY2CheckListItem](#) ([QY2ListView](#) \*parentListView, const QString &text)
- [QY2CheckListItem](#) (QTreeWidgetItem \*parentItem, const QString &text)
- virtual [~QY2CheckListItem](#) ()
- virtual void [updateStatus](#) ()
- virtual void [updateData](#) ()
- int [serial](#) () const
- void [setTextColor](#) (const QColor &col)
- void [setBackgroundColor](#) (const QColor &col)
- virtual QString [toolTip](#) (int column)

## Protected Attributes

- int [\\_serial](#)

### 3.5.1 Detailed Description

Enhanced QCheckListItem

Definition at line 322 of file [QY2ListView.h](#).

### 3.5.2 Constructor & Destructor Documentation

#### 3.5.2.1 QY2CheckListItem::QY2CheckListItem ( QY2ListView \* parentListView, const QString & text )

Constructor for toplevel items.

Definition at line 446 of file [QY2ListView.cc](#).

#### 3.5.2.2 QY2CheckListItem::QY2CheckListItem ( QTreeWidgetItem \* parentItem, const QString & text )

Constructor for deeper level items.

Definition at line 456 of file [QY2ListView.cc](#).

#### 3.5.2.3 QY2CheckListItem::~QY2CheckListItem ( ) [virtual]

Destructor

Definition at line 470 of file [QY2ListView.cc](#).

### 3.5.3 Member Function Documentation

#### 3.5.3.1 int QY2CheckListItem::serial ( ) const [inline]

Return this item's serial number. Useful for comparison functions that order by insertion sequence.

Definition at line 364 of file [QY2ListView.h](#).

### 3.5.3.2 void QY2CheckListItem::setBackgroundColor ( const QColor & col ) [inline]

Set the text background color for all columns. For more specific purposes reimplement paintCell().

Definition at line 377 of file [QY2ListView.h](#).

### 3.5.3.3 void QY2CheckListItem::setTextColor ( const QColor & col ) [inline]

Set the text foreground color for all columns. For more specific purposes reimplement paintCell().

Definition at line 370 of file [QY2ListView.h](#).

### 3.5.3.4 virtual QString QY2CheckListItem::toolTip ( int column ) [inline],[virtual]

Returns a tool tip text for a specific column of this item. 'column' is -1 if the mouse pointer is in the tree indentation area.

This default implementation does nothing.

Reimplemented from [QY2ListViewItem](#).

Definition at line 386 of file [QY2ListView.h](#).

### 3.5.3.5 virtual void QY2CheckListItem::updateData ( ) [inline],[virtual]

Update this item's data completely. Triggered by QY2ListView::updateAllItemData(). Derived classes should overwrite this. This default implementation does nothing.

Reimplemented from [QY2ListViewItem](#).

Definition at line 358 of file [QY2ListView.h](#).

### 3.5.3.6 virtual void QY2CheckListItem::updateStatus ( ) [inline],[virtual]

Update this item's status. Triggered by QY2ListView::updateAllItemStates(). Derived classes should overwrite this. This default implementation does nothing.

Reimplemented from [QY2ListViewItem](#).

Definition at line 350 of file [QY2ListView.h](#).

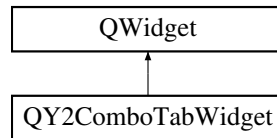
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2ListView.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2ListView.cc

## 3.6 QY2ComboTabWidget Class Reference

```
#include <QY2ComboTabWidget.h>
```

Inheritance diagram for QY2ComboTabWidget:



### Public Slots

- void [showPage](#) (QWidget \*page)

### Signals

- void [currentChanged](#) (QWidget \*newCurrentPage)

### Public Member Functions

- [QY2ComboTabWidget](#) (const QString &combo\_box\_label, QWidget \*parent=0, const char \*name=0)
- virtual [~QY2ComboTabWidget](#) ()
- void [addPage](#) (const QString &page\_label, QWidget \*page)

### Protected Slots

- void [showPageIndex](#) (int index)

### Protected Attributes

- QComboBox \* **combo\_box**
- QLabel \* **combo\_label**
- QStackedWidget \* **widget\_stack**
- QHash< int, QWidget \* > **pages**

#### 3.6.1 Detailed Description

This widget is very much like a `QTabWidget`, but it uses a combo box above the tab pages rather than a ( scrolled ) one-line row of tabs.

Definition at line 44 of file [QY2ComboTabWidget.h](#).

#### 3.6.2 Constructor & Destructor Documentation

3.6.2.1 `QY2ComboTabWidget::QY2ComboTabWidget ( const QString & combo_box_label, QWidget * parent = 0, const char * name = 0 )`

Constructor. 'combo\_box\_label' is the user-visible label of the combo box that is used to switch between the different tab pages.

Definition at line 46 of file [QY2ComboTabWidget.cc](#).

### 3.6.2.2 QY2ComboTabWidget::~QY2ComboTabWidget ( ) [virtual]

Destructor.

Definition at line 85 of file [QY2ComboTabWidget.cc](#).

## 3.6.3 Member Function Documentation

### 3.6.3.1 void QY2ComboTabWidget::addPage ( const QString & page\_label, QWidget \* page )

Add a page. 'page\_label' will be the user-visible combo box entry for that page.

Definition at line 92 of file [QY2ComboTabWidget.cc](#).

### 3.6.3.2 void QY2ComboTabWidget::currentChanged ( QWidget \* newCurrentPage ) [signal]

Emitted when the current page changes. NOT emitted initially for the very first page that is shown.

### 3.6.3.3 void QY2ComboTabWidget::showPage ( QWidget \* page ) [slot]

Show a page. Updates the combo box contents accordingly. This is an expensive operation: All combo box items are searched for the item that corresponds to this page.

Definition at line 122 of file [QY2ComboTabWidget.cc](#).

### 3.6.3.4 void QY2ComboTabWidget::showPageIndex ( int index ) [protected], [slot]

Show a page identified by its index. Does NOT update the combo box contents.

Definition at line 104 of file [QY2ComboTabWidget.cc](#).

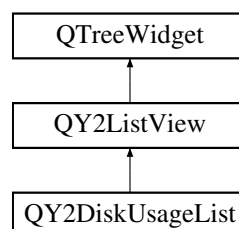
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2ComboTabWidget.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2ComboTabWidget.cc

## 3.7 QY2DiskUsageList Class Reference

```
#include <QY2DiskUsageList.h>
```

Inheritance diagram for QY2DiskUsageList:



## Public Member Functions

- [QY2DiskUsageList](#) (QWidget \*parent, bool addStdColumns=true)
- virtual [~QY2DiskUsageList](#) ()
- int **nameCol** () const
- int **percentageBarCol** () const
- int **usedSizeCol** () const
- int **freeSizeCol** () const
- int **totalSizeCol** () const
- int **deviceNameCol** () const
- virtual void **drawRow** (QPainter \*painter, const QStyleOptionViewItem &option, const QModelIndex &index) const
- QTreeWidgetItem \* **itemFromIndex** (const QModelIndex &index) const

## Protected Attributes

- int **\_nameCol**
- int **\_percentageBarCol**
- int **\_usedSizeCol**
- int **\_freeSizeCol**
- int **\_totalSizeCol**
- int **\_deviceNameCol**

## Additional Inherited Members

### 3.7.1 Detailed Description

Generic scrollable list of disk usage for any number of partitions.

Definition at line 42 of file [QY2DiskUsageList.h](#).

### 3.7.2 Constructor & Destructor Documentation

#### 3.7.2.1 QY2DiskUsageList::QY2DiskUsageList ( QWidget \* parent, bool addStdColumns = true )

Constructor.

Adds a standard set of list columns if 'addStdColumns' is 'true'. Otherwise the caller is responsible for adding any columns.

Definition at line 160 of file [QY2DiskUsageList.cc](#).

#### 3.7.2.2 QY2DiskUsageList::~~QY2DiskUsageList ( ) [virtual]

Destructor

Definition at line 205 of file [QY2DiskUsageList.cc](#).

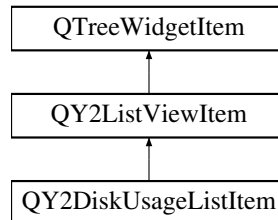
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2DiskUsageList.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2DiskUsageList.cc

### 3.8 QY2DiskUsageListItem Class Reference

```
#include <QY2DiskUsageList.h>
```

Inheritance diagram for QY2DiskUsageListItem:



#### Public Member Functions

- virtual FSize [usedSize](#) () const =0
- virtual FSize [totalSize](#) () const =0
- virtual FSize [freeSize](#) () const
- virtual int [usedPercent](#) () const
- virtual QString [name](#) () const =0
- virtual QString [deviceName](#) () const
- virtual void [updateStatus](#) ()
- virtual void [updateData](#) ()
- void [setText](#) (int column, const QString &text)
- void [setText](#) (int column, const FSize &size)
- virtual bool [operator<](#) (const QTreeWidgetItem &other) const
- int [nameCol](#) () const
- int [percentageBarCol](#) () const
- int [usedSizeCol](#) () const
- int [freeSizeCol](#) () const
- int [totalSizeCol](#) () const
- int [deviceNameCol](#) () const
- void [paintPercentageBar](#) (QPainter \*painter, QStyleOptionViewItem option, const QColor &fillColor)

#### Protected Member Functions

- [QY2DiskUsageListItem](#) ([QY2DiskUsageList](#) \*parent)
- virtual [~QY2DiskUsageListItem](#) ()
- void [init](#) (bool allFields)

#### Protected Attributes

- [QY2DiskUsageList](#) \* [\\_diskUsageList](#)

### 3.8.1 Detailed Description

Abstract base class for one partition ( mount point ) to display in a [QY2DiskUsageList](#).

This class contains pure virtuals, so it cannot be used directly.

Definition at line 96 of file [QY2DiskUsageList.h](#).

### 3.8.2 Constructor & Destructor Documentation

#### 3.8.2.1 `QY2DiskUsageListItem::QY2DiskUsageListItem ( QY2DiskUsageList * parent )` `[protected]`

Constructor.

Call [updateData\(\)](#) after the constructor for the initial display update. Unfortunately, this cannot be done automatically in the constructor since it uses virtual methods that are not available yet at this point.

Definition at line 219 of file [QY2DiskUsageList.cc](#).

#### 3.8.2.2 `QY2DiskUsageListItem::~~QY2DiskUsageListItem ( )` `[protected]`, `[virtual]`

Destructor.

Definition at line 228 of file [QY2DiskUsageList.cc](#).

### 3.8.3 Member Function Documentation

#### 3.8.3.1 `virtual QString QY2DiskUsageListItem::deviceName ( ) const` `[inline]`, `[virtual]`

The device name of this partition.

Derived classes may choose to reimplement this method. This default implementation returns an empty `std::string`.

Definition at line 166 of file [QY2DiskUsageList.h](#).

#### 3.8.3.2 `FSize QY2DiskUsageListItem::freeSize ( ) const` `[virtual]`

The current free size of this partition.

Derived classes can choose reimplement this if it is less expensive than calculating this value each time from [usedSize\(\)](#) and [totalSize\(\)](#) which is the default implementation.

Definition at line 269 of file [QY2DiskUsageList.cc](#).

#### 3.8.3.3 `void QY2DiskUsageListItem::init ( bool allFields )` `[protected]`

( Re- ) initialize fields - all displayed fields ( if 'allFields' is 'true' ) or only the varying fields ( used, free, percentage ).

Definition at line 237 of file [QY2DiskUsageList.cc](#).

#### 3.8.3.4 `virtual QString QY2DiskUsageListItem::name ( ) const` `[pure virtual]`

The name to display for this partition. It makes most sense to use the mount point here ( but this is not a requirement ). This is what will be displayed in the "Name" column.

Derived classes need to implement this method.

**3.8.3.5** `bool QY2DiskUsageListItem::operator< ( const QTreeWidgetItem & otherListViewItem ) const` `[virtual]`

Comparison function used for sorting the list. Reimplemented from `QTreeWidgetItem`

Reimplemented from [QY2ListViewItem](#).

Definition at line 309 of file [QY2DiskUsageList.cc](#).

**3.8.3.6** `void QY2DiskUsageListItem::paintPercentageBar ( QPainter * painter, QStyleOptionViewItem option, const QColor & fillColor )`

Paint method.

Reimplemented from [QY2ListViewItem](#). Paint a percentage bar into a `QListViewItem` cell. 'width' is the width of the entire cell. 'indent' is the number of pixels to indent the bar.

Stolen from `KDirStat::KDirTreeView` with the author's permission.

Stolen from `KDirStat::KDirTreeView` with the author's permission.

Definition at line 342 of file [QY2DiskUsageList.cc](#).

**3.8.3.7** `void QY2DiskUsageListItem::setText ( int column, const QString & text )` `[inline]`

Re-declare ordinary `setText()` method so the compiler doesn't get confused which one to use.

Definition at line 189 of file [QY2DiskUsageList.h](#).

**3.8.3.8** `void QY2DiskUsageListItem::setText ( int column, const FSize & size )`

Set a column text via `FSize`.

Definition at line 261 of file [QY2DiskUsageList.cc](#).

**3.8.3.9** `virtual FSize QY2DiskUsageListItem::totalSize ( ) const` `[pure virtual]`

The total size of this partition.

Derived classes need to implement this method.

**3.8.3.10** `void QY2DiskUsageListItem::updateData ( )` `[virtual]`

Update this item's data completely. Triggered by `QY2ListView::updateAllItemData()`.

Reimplemented from [QY2ListViewItem](#).

Reimplemented from [QY2ListViewItem](#).

Definition at line 295 of file [QY2DiskUsageList.cc](#).

**3.8.3.11** `void QY2DiskUsageListItem::updateStatus ( )` `[virtual]`

Update this item's status ( here: the numeric fields ). Triggered by `QY2ListView::updateAllItemStates()`.



Reimplemented from [QY2ListViewItem](#).

Reimplemented from [QY2ListViewItem](#).

Definition at line 288 of file [QY2DiskUsageList.cc](#).

**3.8.3.12** `int QY2DiskUsageListitem::usedPercent ( ) const` `[virtual]`

The currently used percentage ( 0..100 ) of this partition.

Derived classes can choose reimplement this if it is less expensive than calculating this value each time from [usedSize\(\)](#) and [totalSize\(\)](#) which is the default implementation.

Definition at line 276 of file [QY2DiskUsageList.cc](#).

**3.8.3.13** `virtual FSize QY2DiskUsageListitem::usedSize ( ) const` `[pure virtual]`

The currently used size of this partition.

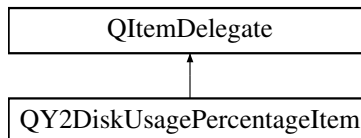
Derived classes need to implement this method.

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2DiskUsageList.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2DiskUsageList.cc](#)

## 3.9 QY2DiskUsagePercentageItem Class Reference

Inheritance diagram for QY2DiskUsagePercentageItem:



### Public Member Functions

- **QY2DiskUsagePercentageItem** ([QY2DiskUsageList](#) \*parent)
- virtual void **paint** (QPainter \*painter, const QStyleOptionViewItem &option, const QModelIndex &index) const

### 3.9.1 Detailed Description

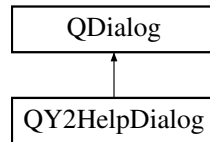
Definition at line 132 of file [QY2DiskUsageList.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2DiskUsageList.cc](#)

### 3.10 QY2HelpDialog Class Reference

Inheritance diagram for QY2HelpDialog:



#### Public Slots

- void **searchStringChanged** (QString)

#### Public Member Functions

- **QY2HelpDialog** (const QString &helpText, QWidget \*parent)
- void **setHelpText** (const QString &helpText)
- void **retranslate** ()

#### 3.10.1 Detailed Description

Definition at line 35 of file [QY2HelpDialog.h](#).

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

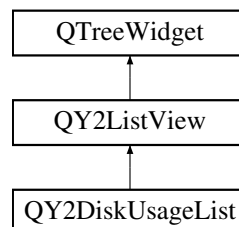
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2HelpDialog.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2HelpDialog.cc

### 3.11 QY2ListView Class Reference

Enhanced QTreeWidget.

```
#include <QY2ListView.h>
```

Inheritance diagram for QY2ListView:



#### Public Slots

- virtual void [selectSomething](#) ()

- virtual void [clear](#) ()
- void [updateItemStates](#) ()
- void [updateItemData](#) ()
- void [saveColumnWidths](#) ()
- void [restoreColumnWidths](#) ()

## Signals

- void [columnClicked](#) (int button, QTreeWidgetItem \*item, int col, const QPoint &pos)
- void [columnDoubleClicked](#) (int button, QTreeWidgetItem \*item, int col, const QPoint &pos)

## Public Member Functions

- [QY2ListView](#) (QWidget \*parent)
- virtual [~QY2ListView](#) ()
- virtual QString [toolTip](#) (QTreeWidgetItem \*item, int column)
- bool [sortByInsertionSequence](#) () const
- virtual void [setSortByInsertionSequence](#) (bool [sortByInsertionSequence](#))
- int [nextSerial](#) ()
- virtual QSize [minimumSizeHint](#) () const
- virtual bool [eventFilter](#) (QObject \*obj, QEvent \*event)

## Protected Slots

- void [columnWidthChanged](#) (int col, int oldSize, int newSize)
- void [treeExpanded](#) (QTreeWidgetItem \*listViewItem)
- void [treeCollapsed](#) (QTreeWidgetItem \*listViewItem)

## Protected Member Functions

- virtual void [mousePressEvent](#) (QMouseEvent \*e)
- virtual void [mouseReleaseEvent](#) (QMouseEvent \*)
- virtual void [mouseDoubleClickEvent](#) (QMouseEvent \*)

## Protected Attributes

- QTreeWidgetItem \* [\\_mousePressedItem](#)
- int [\\_mousePressedCol](#)
- int [\\_mousePressedButton](#)
- std::vector< int > [\\_savedColumnWidth](#)
- bool [\\_sortByInsertionSequence](#)
- int [\\_nextSerial](#)
- QY2ListViewToolTip \* [\\_toolTip](#)
- bool [\\_mouseButton1PressedInHeader](#)
- bool [\\_finalSizeChangeExpected](#)

### 3.11.1 Detailed Description

Enhanced QTreeWidgetItem.

Definition at line 47 of file [QY2ListView.h](#).

### 3.11.2 Constructor & Destructor Documentation

#### 3.11.2.1 QY2ListView::QY2ListView ( QWidget \* *parent* )

Constructor

Definition at line 36 of file [QY2ListView.cc](#).

#### 3.11.2.2 QY2ListView::~QY2ListView ( ) [virtual]

Destructor

Definition at line 71 of file [QY2ListView.cc](#).

### 3.11.3 Member Function Documentation

#### 3.11.3.1 void QY2ListView::clear ( ) [virtual],[slot]

Reimplemented from Q3ListView: Adjust header sizes after clearing contents.

Definition at line 101 of file [QY2ListView.cc](#).

#### 3.11.3.2 void QY2ListView::columnClicked ( int *button*, QTreeWidgetItem \* *item*, int *col*, const QPoint & *pos* ) [signal]

Emitted for mouse clicks on an item

#### 3.11.3.3 void QY2ListView::columnDoubleClicked ( int *button*, QTreeWidgetItem \* *item*, int *col*, const QPoint & *pos* ) [signal]

Emitted for mouse double clicks on an item

#### 3.11.3.4 void QY2ListView::columnWidthChanged ( int *col*, int *oldSize*, int *newSize* ) [protected],[slot]

Internal: Handle manual column resize. Save the user's preferred sizes so they don't get overwritten each time the list is cleared and filled with new contents.

Definition at line 288 of file [QY2ListView.cc](#).

#### 3.11.3.5 bool QY2ListView::eventFilter ( QObject \* *obj*, QEvent \* *event* ) [virtual]

Event filter - inherited from QWidget

Definition at line 316 of file [QY2ListView.cc](#).

**3.11.3.6** `QSize QY2ListView::minimumSizeHint ( ) const` `[virtual]`

Returns the minimum size required for this widget. Inherited from QWidget.

Definition at line 347 of file [QY2ListView.cc](#).

**3.11.3.7** `void QY2ListView::mouseDoubleClickEvent ( QMouseEvent * ev )` `[protected], [virtual]`

Handle mouse clicks. Reimplemented from QScrollView.

Definition at line 266 of file [QY2ListView.cc](#).

**3.11.3.8** `void QY2ListView::mousePressEvent ( QMouseEvent * e )` `[protected], [virtual]`

Handle mouse clicks. Reimplemented from QScrollView.

Definition at line 211 of file [QY2ListView.cc](#).

**3.11.3.9** `void QY2ListView::mouseReleaseEvent ( QMouseEvent * ev )` `[protected], [virtual]`

Handle mouse clicks. Reimplemented from QScrollView.

Definition at line 236 of file [QY2ListView.cc](#).

**3.11.3.10** `int QY2ListView::nextSerial ( )` `[inline]`

Returns the next free serial number for items that want to be ordered in insertion sequence.

Definition at line 156 of file [QY2ListView.h](#).

**3.11.3.11** `void QY2ListView::restoreColumnWidths ( )` `[slot]`

Restore the column widths to what was saved previously with [saveColumnWidths\(\)](#).

Definition at line 184 of file [QY2ListView.cc](#).

**3.11.3.12** `void QY2ListView::saveColumnWidths ( )` `[slot]`

Save the current column widths.

Definition at line 169 of file [QY2ListView.cc](#).

**3.11.3.13** `void QY2ListView::selectSomething ( )` `[virtual], [slot]`

Select a list entry (if there is any). Usually this will be the first list entry, but don't rely on that - this might change without notice. Emits signal [selectionChanged\(\)](#).

Definition at line 81 of file [QY2ListView.cc](#).

**3.11.3.14** `void QY2ListView::setSortByInsertionSequence ( bool sortByInsertionSequence )` `[virtual]`

Enforce sorting by item insertion order (true) or let user change sorting by clicking on a column header (false).

Definition at line 354 of file [QY2ListView.cc](#).

### 3.11.3.15 bool QY2ListView::sortByInsertionSequence ( ) const [inline]

Returns 'true' if the sort order should always be the item insertion order, 'false' if the user can change the sort order by clicking on a column header.

Definition at line 144 of file [QY2ListView.h](#).

### 3.11.3.16 QString QY2ListView::toolTip ( QTreeWidgetItem \* *item*, int *column* ) [virtual]

Returns a tool tip text for a specific column of a list item. 'column' is -1 if the mouse pointer is in the tree indentation area.

This default implementation tries to call [QY2ListViewItem::toolTip\( column \)](#) or [QY2CheckListItem::toolTip\( column \)](#), respectively if 'item' is a subclass of either.

Derived classes may handle this differently.

Definition at line 143 of file [QY2ListView.cc](#).

### 3.11.3.17 void QY2ListView::treeCollapsed ( QTreeWidgetItem \* *listViewItem* ) [protected], [slot]

Internal notification that a tree item has been collapsed

Definition at line 551 of file [QY2ListView.cc](#).

### 3.11.3.18 void QY2ListView::treeExpanded ( QTreeWidgetItem \* *listViewItem* ) [protected], [slot]

Internal notification that a tree item has been expanded

Definition at line 544 of file [QY2ListView.cc](#).

### 3.11.3.19 void QY2ListView::updateItemData ( ) [slot]

Update the status display of all list entries: Call [QY2ListViewItem::updateData\(\)](#) for each item. This is an expensive operation.

Definition at line 126 of file [QY2ListView.cc](#).

### 3.11.3.20 void QY2ListView::updateItemStates ( ) [slot]

Update the status display of all list entries: Call [QY2ListViewItem::updateStatus\(\)](#) for each item. This is an expensive operation.

Definition at line 109 of file [QY2ListView.cc](#).

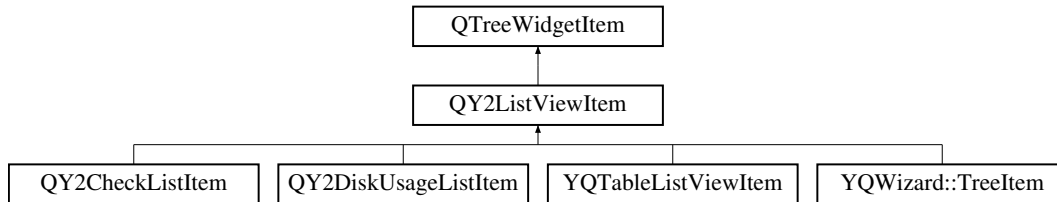
The documentation for this class was generated from the following files:

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2ListView.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2ListView.cc](#)

## 3.12 QY2ListViewItem Class Reference

```
#include <QY2ListView.h>
```

Inheritance diagram for QY2ListViewItem:



### Public Member Functions

- [QY2ListViewItem](#) ([QY2ListView](#) \*parentListView, const [QString](#) &text=[QString::null](#))
- [QY2ListViewItem](#) ([QTreeWidgetItem](#) \*parentItem, const [QString](#) &text=[QString::null](#))
- virtual [~QY2ListViewItem](#) ()
- virtual void [updateStatus](#) ()
- virtual void [updateData](#) ()
- virtual bool [operator<](#) (const [QTreeWidgetItem](#) &other) const
- int [serial](#) () const
- virtual [QString](#) [toolTip](#) (int column)

### Protected Attributes

- int [\\_serial](#)
- [QColor](#) [\\_textColor](#)
- [QColor](#) [\\_backgroundColor](#)

#### 3.12.1 Detailed Description

Enhanced [QTreeWidgetItem](#)

Definition at line [233](#) of file [QY2ListView.h](#).

#### 3.12.2 Constructor & Destructor Documentation

3.12.2.1 [QY2ListViewItem::QY2ListViewItem](#) ( [QY2ListView](#) \* *parentListView*, const [QString](#) & *text* = [QString::null](#) )

Constructor for toplevel items.

Definition at line [367](#) of file [QY2ListView.cc](#).

3.12.2.2 [QY2ListViewItem::QY2ListViewItem](#) ( [QTreeWidgetItem](#) \* *parentItem*, const [QString](#) & *text* = [QString::null](#) )

Constructor for deeper level items.

Definition at line [375](#) of file [QY2ListView.cc](#).

### 3.12.2.3 QY2ListViewItem::~~QY2ListViewItem ( ) [virtual]

Destructor

Definition at line 388 of file [QY2ListView.cc](#).

## 3.12.3 Member Function Documentation

### 3.12.3.1 bool QY2ListViewItem::operator< ( const QTreeWidgetItem & *other* ) const [virtual]

Comparison function used for sorting the list. Reimplemented from QTreeWidgetItem

Reimplemented in [QY2DiskUsageListItem](#).

Definition at line 395 of file [QY2ListView.cc](#).

### 3.12.3.2 int QY2ListViewItem::serial ( ) const [inline]

Return this item's serial number. Useful for comparison functions that order by insertion sequence.

Definition at line 281 of file [QY2ListView.h](#).

### 3.12.3.3 virtual QString QY2ListViewItem::toolTip ( int *column* ) [inline], [virtual]

Returns a tool tip text for a specific column of this item. 'column' is -1 if the mouse pointer is in the tree indentation area.

This default implementation does nothing.

Reimplemented in [QY2CheckListItem](#).

Definition at line 289 of file [QY2ListView.h](#).

### 3.12.3.4 virtual void QY2ListViewItem::updateData ( ) [inline], [virtual]

Update this item's data completely. Triggered by QY2ListView::updateAllItemData(). Derived classes should overwrite this. This default implementation does nothing.

Reimplemented in [QY2CheckListItem](#), and [QY2DiskUsageListItem](#).

Definition at line 269 of file [QY2ListView.h](#).

### 3.12.3.5 virtual void QY2ListViewItem::updateStatus ( ) [inline], [virtual]

Update this item's status. Triggered by QY2ListView::updateAllItemStates(). Derived classes should overwrite this. This default implementation does nothing.

Reimplemented in [QY2CheckListItem](#), and [QY2DiskUsageListItem](#).

Definition at line 261 of file [QY2ListView.h](#).

## 3.12.4 Member Data Documentation

### 3.12.4.1 int QY2ListViewItem::\_serial [protected]

Paint method. Reimplemented from QTreeWidgetItem so different colors can be used.



Reimplemented from QTreeWidgetItem.

Definition at line 311 of file [QY2ListView.h](#).

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

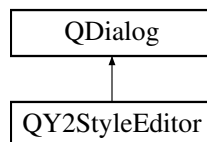
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2ListView.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2ListView.cc](#)

## 3.13 QY2StyleEditor Class Reference

Stylesheet Editor Dialog.

```
#include <QY2StyleEditor.h>
```

Inheritance diagram for QY2StyleEditor:



### Public Member Functions

- [QY2StyleEditor](#) (QWidget \*parent)
- [~QY2StyleEditor](#) ()

#### 3.13.1 Detailed Description

Stylesheet Editor Dialog.

Definition at line 38 of file [QY2StyleEditor.h](#).

#### 3.13.2 Constructor & Destructor Documentation

##### 3.13.2.1 QY2StyleEditor::QY2StyleEditor ( QWidget \* parent )

Constructor.

Definition at line 38 of file [QY2StyleEditor.cc](#).

##### 3.13.2.2 QY2StyleEditor::~~QY2StyleEditor ( )

Destructor.

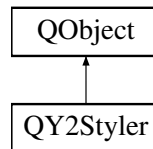
Definition at line 64 of file [QY2StyleEditor.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2StyleEditor.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2StyleEditor.cc](#)

### 3.14 QY2Styler Class Reference

Inheritance diagram for QY2Styler:



#### Public Member Functions

- void **loadStyleSheet** (const QString &file)
- void **setStyleSheet** (const QString &text)
- QString **themeDir** () const
- void **registerWidget** (QWidget \*widget)
- void **unregisterWidget** (QWidget \*widget)
- void **registerChildWidget** (QWidget \*parent, QWidget \*widget)
- QString **textStyle** () const
- bool **updateRendering** (QWidget \*wid)

#### Static Public Member Functions

- static [QY2Styler](#) \* **styler** ()

#### Protected Member Functions

- [QY2Styler](#) (QObject \*parent)
- void **renderParent** (QWidget \*wid)
- QImage **getScaled** (const QString name, const QSize &size)
- void [processUrls](#) (QString &text)
- bool **eventFilter** (QObject \*obj, QEvent \*ev)

#### 3.14.1 Detailed Description

Definition at line 36 of file [QY2Styler.h](#).

#### 3.14.2 Constructor & Destructor Documentation

##### 3.14.2.1 QY2Styler::QY2Styler ( QObject \* *parent* ) [protected]

Constructor. Use the static `styler()` function instead to return the singleton for this class.

Definition at line 53 of file [QY2Styler.cc](#).

### 3.14.3 Member Function Documentation

#### 3.14.3.1 void QY2Styler::processUrls ( QString & text ) [protected]

Search and replace some self-defined macros in the style sheet. Among other things, expands the file name inside url( filename.png ) in the style sheet with the full path.

Definition at line 116 of file [QY2Styler.cc](#).

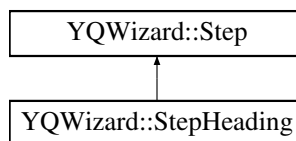
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2Styler.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/QY2Styler.cc

## 3.15 YQWizard::Step Class Reference

```
#include <YQWizard.h>
```

Inheritance diagram for YQWizard::Step:



### Public Types

- enum **Status** { **Unset**, **Todo**, **Current**, **Done** }

### Public Member Functions

- **Step** (const QString &name="", const QString &id="")
- virtual [~Step](#) ()
- virtual bool **isHeading** () const
- QString **name** () const
- QLabel \* **statusLabel** () const
- QLabel \* **nameLabel** () const
- bool **isEnabled** () const
- const QStringList & **id** () const
- void **addID** (const QString &id)
- virtual bool **hasID** (const QString &id)
- void **setStatusLabel** (QLabel \*label)
- void **setNameLabel** (QLabel \*label)
- void **setEnabled** (bool enabled)
- void **deleteLabels** ()
- void [setStatus](#) (Status s)

## Protected Attributes

- QString **\_name**
- QLabel \* **\_statusLabel**
- QLabel \* **\_nameLabel**
- bool **\_enabled**
- QStringList **\_idList**
- Status **\_status**

### 3.15.1 Detailed Description

Helper class to represent a wizard step internally

Definition at line 610 of file [YQWizard.h](#).

### 3.15.2 Constructor & Destructor Documentation

#### 3.15.2.1 YQWizard::Step::~~Step ( ) [virtual]

Destructor. Intentionally not deleting the widgets.

Definition at line 1283 of file [YQWizard.cc](#).

### 3.15.3 Member Function Documentation

#### 3.15.3.1 void YQWizard::Step::setStatus ( Status s )

Set text color and status icon for one wizard step

Definition at line 1289 of file [YQWizard.cc](#).

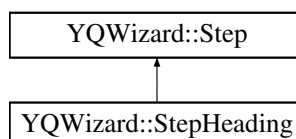
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWizard.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWizard.cc

## 3.16 YQWizard::StepHeading Class Reference

```
#include <YQWizard.h>
```

Inheritance diagram for YQWizard::StepHeading:



## Public Member Functions

- **StepHeading** (const QString &name= "")
- virtual bool **isHeading** () const
- virtual bool **hasID** (const QString &id)

## Additional Inherited Members

### 3.16.1 Detailed Description

Helper class to represent a wizard step heading internally

Definition at line 668 of file [YQWizard.h](#).

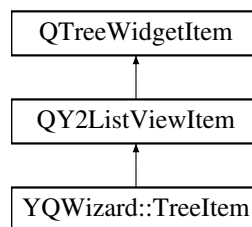
The documentation for this class was generated from the following file:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWizard.h

## 3.17 YQWizard::Treeltem Class Reference

```
#include <YQWizard.h>
```

Inheritance diagram for YQWizard::Treeltem:



## Public Member Functions

- **Treeltem** (QY2ListView \*parent, const QString &text, const QString &id)
- **Treeltem** (YQWizard::Treeltem \*parent, const QString &text, const QString &id)
- virtual QString **text** (int index) const
- QString **text** () const
- QString **id** () const

## Additional Inherited Members

### 3.17.1 Detailed Description

Helper class for wizard tree item

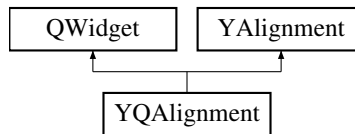
Definition at line 688 of file [YQWizard.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWizard.h

### 3.18 YQAlignment Class Reference

Inheritance diagram for YQAlignment:



#### Public Member Functions

- [YQAlignment](#) (YWidget \*parent, YAlignmentType horAlign, YAlignmentType vertAlign)
- [YQAlignment](#) (YWidget \*yParent, QWidget \*qParent, YAlignmentType horAlign, YAlignmentType vertAlign)
- virtual void [moveChild](#) (YWidget \*child, int newX, int newY)
- virtual void [setEnabled](#) (bool enabled)
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual void [setBackgroundPixmap](#) (const std::string &pixmapFileName)

#### Protected Member Functions

- virtual void [paintEvent](#) (QPaintEvent \*event)

#### Protected Attributes

- std::string [\\_pixmapFileName](#)

#### 3.18.1 Detailed Description

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

#### 3.18.2 Constructor & Destructor Documentation

##### 3.18.2.1 YQAlignment::YQAlignment ( YWidget \* *parent*, YAlignmentType *horAlign*, YAlignmentType *vertAlign* )

Constructor.

Definition at line 35 of file [YQAlignment.cc](#).

##### 3.18.2.2 YQAlignment::YQAlignment ( YWidget \* *yParent*, QWidget \* *qParent*, YAlignmentType *horAlign*, YAlignmentType *vertAlign* )

Constructor for cases where the YWidget parent's widgetRep() isn't the QWidget parent, for example in compound widgets like [YQWizard](#) where it makes sense to pass a child of the [YQWizard](#) (the client area) as the QWidget parent.

Use this only if you know very well what you are doing.

Definition at line 45 of file [YQAlignment.cc](#).

### 3.18.3 Member Function Documentation

3.18.3.1 `void YQAlignment::moveChild ( YWidget * child, int newX, int newY )` [virtual]

Move the child widget to a new position.

Implemented from YAlignment.

Definition at line 63 of file [YQAlignment.cc](#).

3.18.3.2 `void YQAlignment::setBackgroundPixmap ( const std::string & pixmapFileName )` [virtual]

Set the background pixmap.

Reimplemented from YAlignment.

Definition at line 84 of file [YQAlignment.cc](#).

3.18.3.3 `void YQAlignment::setEnabled ( bool enabled )` [virtual]

Enable or disable this widget and its child.

Reimplemented from YWidget.

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

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

Set the new size of the widget.

Reimplemented from YWidget.

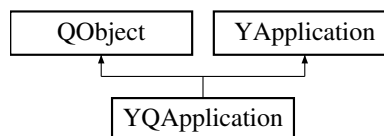
Definition at line 70 of file [YQAlignment.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQAlignment.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQAlignment.cc](#)

## 3.19 YQApplication Class Reference

Inheritance diagram for YQApplication:



### Public Member Functions

- virtual void [setLanguage](#) (const std::string &language, const std::string &encoding=std::string())
- void [loadPredefinedQtTranslations](#) ()

- void [setLayoutDirection](#) (const std::string &language)
- void [setLangFonts](#) (const std::string &language, const std::string &encoding=std::string())
- const QFont & [currentFont](#) ()
- const QFont & [boldFont](#) ()
- const QFont & [headingFont](#) ()
- void [deleteFonts](#) ()
- void [pickAutoFonts](#) ()
- bool [autoFonts](#) () const
- void [setAutoFonts](#) (bool useAutoFonts)
- virtual std::string [glyph](#) (const std::string &glyphSymbolName)
- virtual std::string [askForExistingDirectory](#) (const std::string &startDir, const std::string &headline)
- virtual std::string [askForExistingFile](#) (const std::string &startWith, const std::string &filter, const std::string &headline)
- virtual std::string [askForSaveFileName](#) (const std::string &startWith, const std::string &filter, const std::string &headline)
- virtual bool [openContextMenu](#) (const YItemCollection &itemCollection)
- void [maybeLeftHandedUser](#) ()
- virtual int [deviceUnits](#) (YUIDimension dim, float [layoutUnits](#))
- virtual float [layoutUnits](#) (YUIDimension dim, int [deviceUnits](#))
- virtual void [busyCursor](#) ()
- virtual void [normalCursor](#) ()
- virtual void [makeScreenShot](#) (const std::string &fileName)
- virtual void [beep](#) ()
- virtual QPoint [contextMenuPos](#) ()
- virtual void [setContextMenuPos](#) (QPoint [contextMenuPos](#))
- 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 [hasWizardDialogSupport](#) ()
- virtual bool [leftHandedMouse](#) ()
- virtual void [setApplicationTitle](#) (const std::string &title)
- virtual void [setApplicationIcon](#) (const std::string &icon)

## Static Public Member Functions

- static QString [askForSaveFileName](#) (const QString &startWith, const QString &filter, const QString &headline)
- static  
[YQPackageSelectorPluginStub](#) \* [packageSelectorPlugin](#) ()
- static [YQGraphPluginStub](#) \* [graphPlugin](#) ()



## Protected Member Functions

- [YQApplication](#) ()
- virtual [~YQApplication](#) ()
- QString [fontKey](#) (const QString &lang)

## Protected Attributes

- QFont \* [\\_currentFont](#)
- QFont \* [\\_headingFont](#)
- QFont \* [\\_boldFont](#)
- QString [\\_fontFamily](#)
- QSettings \* [\\_langFonts](#)
- QTranslator \* [\\_qtTranslations](#)
- bool [\\_autoFonts](#)
- int [\\_autoNormalFontSize](#)
- int [\\_autoHeadingFontSize](#)
- bool [\\_leftHandedMouse](#)
- bool [\\_askedForLeftHandedMouse](#)
- QPoint [\\_contextMenuPos](#)
- QMenu \* [\\_contextMenu](#)

## Friends

- class [YQUI](#)

### 3.19.1 Detailed Description

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

### 3.19.2 Constructor & Destructor Documentation

#### 3.19.2.1 YQApplication::YQApplication ( ) [protected]

Constructor.

Use [YUI::app\(\)](#) to get the singleton for this class.

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

#### 3.19.2.2 YQApplication::~YQApplication ( ) [protected], [virtual]

Destructor.

Definition at line [82](#) of file [YQApplication.cc](#).

### 3.19.3 Member Function Documentation

#### 3.19.3.1 `string YQApplication::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 483 of file [YQApplication.cc](#).

#### 3.19.3.2 `string YQApplication::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 500 of file [YQApplication.cc](#).

#### 3.19.3.3 `string YQApplication::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 526 of file [YQApplication.cc](#).

#### 3.19.3.4 `QString YQApplication::askForSaveFileName ( const QString & startWith, const QString & filter, const QString & headline ) [static]`

Lower-level version that works with QStrings and does not change the mouse cursor.

Definition at line 552 of file [YQApplication.cc](#).

#### 3.19.3.5 `bool YQApplication::autoFonts ( ) const [inline]`

Returns 'true' if the UI automatically picks fonts, disregarding Qt standard settings.

This makes sense during system installation system where the display DPI cannot reliably be retrieved and thus Qt uses random font sizes based on that random DPI.

Definition at line 138 of file [YQApplication.h](#).

#### 3.19.3.6 `void YQApplication::beep ( ) [virtual]`

Beep.

Reimplemented from YApplication.

Definition at line 699 of file [YQApplication.cc](#).

#### 3.19.3.7 `const QFont & YQApplication::boldFont ( )`

Returns the application's default bold font.

Definition at line 341 of file [YQApplication.cc](#).

#### 3.19.3.8 `void YQApplication::busyCursor ( ) [virtual]`

Change the (mouse) cursor to indicate busy status.

Reimplemented from YApplication.

Definition at line 705 of file [YQApplication.cc](#).

#### 3.19.3.9 `virtual QPoint YQApplication::contextMenuPos ( ) [inline], [virtual]`

Return position of the context menu (in gloabl coordinates)

Definition at line 302 of file [YQApplication.h](#).

#### 3.19.3.10 `const QFont & YQApplication::currentFont ( )`

Returns the application's default font. Brute force approach to make sure we'll really get a complete Unicode font: Explicitly load the one font that we made sure to contain all required characters, including Latin1, Latin2, Japanese, Korean, and the characters used for glyphs.

There are many fonts that claim to be Unicode, but most of them contain just a sorry excuse for a complete Unicode character set. Qt can't know how complete a font is, so it chooses one that might be better in otherf aspects, but lacks necessary characters.

Definition at line 299 of file [YQApplication.cc](#).

#### 3.19.3.11 `void YQApplication::deleteFonts ( )`

Delete the fonts so they will be reloaded upon their next usage.

Definition at line 385 of file [YQApplication.cc](#).

### 3.19.3.12 `int YQApplication::deviceUnits ( YUIDimension dim, float layoutUnits )` [virtual]

Convert logical layout spacing units into device dependent units. A default size dialog is assumed to be 80x25 layout spacing units.

Reimplemented from `YApplication`.

Definition at line 679 of file [YQApplication.cc](#).

### 3.19.3.13 `QString YQApplication::fontKey ( const QString & lang )` [protected]

Constructs a key for the language specific font file: "font[*lang*]" for font[de\_DE] = "Sans Serif" font[zh] = "ChineseSpecial, something" font[ja\_JP] = "JapaneseSpecial, something" font = "Sans Serif"

Definition at line 289 of file [YQApplication.cc](#).

### 3.19.3.14 `string YQApplication::glyph ( const std::string & glyphSymbolName )` [virtual]

Return a std::string for a named glyph.

Using this is discouraged in new applications.

Reimplemented from `YApplication`.

Definition at line 462 of file [YQApplication.cc](#).

### 3.19.3.15 `YQGraphPluginStub * YQApplication::graphPlugin ( )` [static]

Return the package selector plugin singleton or creates it (including loading the plugin lib) if it does not exist yet.

Definition at line 743 of file [YQApplication.cc](#).

### 3.19.3.16 `const QFont & YQApplication::headingFont ( )`

Returns the application's heading font. Brute force load the heading font - see [currentFont\(\)](#) above for more.

Definition at line 354 of file [YQApplication.cc](#).

### 3.19.3.17 `float YQApplication::layoutUnits ( YUIDimension dim, int deviceUnits )` [virtual]

Convert device dependent units into logical layout spacing units. A default size dialog is assumed to be 80x25 layout spacing units.

Reimplemented from `YApplication`.

Definition at line 688 of file [YQApplication.cc](#).

### 3.19.3.18 `void YQApplication::loadPredefinedQtTranslations ( )`

Load translations for Qt's predefined dialogs like file selection box etc.

Definition at line 115 of file [YQApplication.cc](#).

**3.19.3.19 void YQApplication::makeScreenShot ( const std::string & *fileName* ) [virtual]**

Make a screen shot and save it to the specified file.

Reimplemented from YApplication.

Definition at line 717 of file [YQApplication.cc](#).

**3.19.3.20 void YQApplication::maybeLeftHandedUser ( )**

A mouse click with the wrong mouse button was detected - e.g., a right click on a push button. The user might be left-handed, but his mouse might not (yet) be configured for left-handed use - e.g., during installation. Ask him if he would like his mouse temporarily configured as a left-handed mouse.

This status can be queried with YQApplication::leftHandedMouse().

Definition at line 629 of file [YQApplication.cc](#).

**3.19.3.21 void YQApplication::normalCursor ( ) [virtual]**

Change the (mouse) cursor back from busy status to normal.

Reimplemented from YApplication.

Definition at line 711 of file [YQApplication.cc](#).

**3.19.3.22 bool YQApplication::openContextMenu ( const YItemCollection & *itemCollection* ) [virtual]**

Open a context menu for a widget

'itemCollection' describes the menu structure

Returns true on success (otherwise false).

Implemented from YApplication.

Definition at line 542 of file [YQApplication.cc](#).

**3.19.3.23 YQPackageSelectorPluginStub \* YQApplication::packageSelectorPlugin ( ) [static]**

Return the package selector plugin singleton or creates it (including loading the plugin lib) if it does not exist yet.

Definition at line 724 of file [YQApplication.cc](#).

**3.19.3.24 void YQApplication::pickAutoFonts ( )**

Determine good fonts based on defaultsize geometry and set `_auto_normal_font_size` and `_auto_heading_font_size` accordingly. Caches the values, so it's safe to call this repeatedly.

Definition at line 405 of file [YQApplication.cc](#).

**3.19.3.25 void YQApplication::setApplicationIcon ( const std::string & *icon* ) [virtual]**

Set the application icon

Reimplemented from YApplication.

Definition at line 772 of file [YQApplication.cc](#).

#### 3.19.3.26 void YQApplication::setApplicationTitle ( const std::string & *title* ) [virtual]

Set the application title

Reimplemented from YApplication.

Definition at line 764 of file [YQApplication.cc](#).

#### 3.19.3.27 void YQApplication::setAutoFonts ( bool *useAutoFonts* )

Set whether or not fonts should automatically be picked.

Definition at line 398 of file [YQApplication.cc](#).

#### 3.19.3.28 void YQApplication::setContextMenuPos ( QPoint *contextMenuPos* ) [virtual]

Sets the position of the context menu (in global coordinates)

Definition at line 759 of file [YQApplication.cc](#).

#### 3.19.3.29 void YQApplication::setLangFonts ( const std::string & *language*, const std::string & *encoding* = std::string() )

Set fonts according to the specified language and encoding.

This is most important for some Asian languages that have overlaps in the Unicode table, like Japanese vs. Chinese.

Definition at line 206 of file [YQApplication.cc](#).

#### 3.19.3.30 void YQApplication::setLanguage ( const std::string & *language*, const std::string & *encoding* = std::string() ) [virtual]

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

Load UI-internal translations (e.g. for predefined dialogs like file selection) and fonts.

'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 93 of file [YQApplication.cc](#).

#### 3.19.3.31 void YQApplication::setLayoutDirection ( const std::string & *language* )

Set the layout direction (left-to-right or right-to-left) from 'language'.

Definition at line 168 of file [YQApplication.cc](#).

### 3.19.4 Member Data Documentation

## 3.19.4.1 QString YQApplication::\_fontFamily [protected]

Font family or list of font families to use ("Sans Serif" etc.)

Definition at line 375 of file [YQApplication.h](#).

## 3.19.4.2 QSettings\* YQApplication::\_langFonts [protected]

Language-specific font settings

Definition at line 380 of file [YQApplication.h](#).

## 3.19.4.3 QTranslator\* YQApplication::\_qtTranslations [protected]

Translator for the predefined Qt dialogs

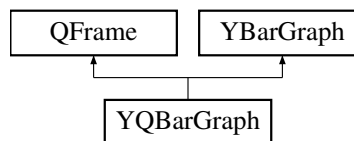
Definition at line 385 of file [YQApplication.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQApplication.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQApplication.cc

## 3.20 YQBarGraph Class Reference

Inheritance diagram for YQBarGraph:



### Public Member Functions

- [YQBarGraph](#) (YWidget \*parent)
- virtual [~YQBarGraph](#) ()
- virtual void [doUpdate](#) ()
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)

### Protected Member Functions

- virtual bool **event** (QEvent \*event)
- virtual void [paintEvent](#) (QPaintEvent \*painter)
- YColor [defaultSegmentColor](#) (unsigned index)
- YColor [defaultTextColor](#) (unsigned index)

### 3.20.1 Detailed Description

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

### 3.20.2 Constructor & Destructor Documentation

#### 3.20.2.1 YQBarGraph::YQBarGraph ( YWidget \* *parent* )

Constructor.

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

#### 3.20.2.2 YQBarGraph::~YQBarGraph ( ) [virtual]

Destructor.

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

### 3.20.3 Member Function Documentation

#### 3.20.3.1 YColor YQBarGraph::defaultSegmentColor ( unsigned *index* ) [protected]

Return one from a set of default segment background colors.

Definition at line 190 of file [YQBarGraph.cc](#).

#### 3.20.3.2 YColor YQBarGraph::defaultTextColor ( unsigned *index* ) [protected]

Return one from a set of default text colors. This text color is guaranteed to contrast with the defaultSegmentColor with the same index.

Definition at line 209 of file [YQBarGraph.cc](#).

#### 3.20.3.3 void YQBarGraph::doUpdate ( ) [virtual]

Perform a visual update on the screen.

Implemented from YBarGraph.

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

#### 3.20.3.4 void YQBarGraph::paintEvent ( QPaintEvent \* *painter* ) [protected],[virtual]

Draw the contents.

Reimplemented from QFrame.

Definition at line 93 of file [YQBarGraph.cc](#).

#### 3.20.3.5 int YQBarGraph::preferredHeight ( ) [virtual]

Preferred height of the widget.



Reimplemented from YWidget.

Definition at line 265 of file [YQBarGraph.cc](#).

3.20.3.6 `int YQBarGraph::preferredWidth ( )` [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 239 of file [YQBarGraph.cc](#).

3.20.3.7 `void YQBarGraph::setEnabled ( bool enabled )` [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 231 of file [YQBarGraph.cc](#).

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

Set the new size of the widget.

Reimplemented from YWidget.

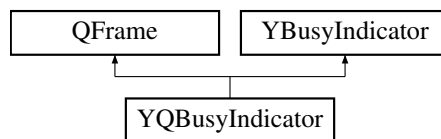
Definition at line 291 of file [YQBarGraph.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQBarGraph.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQBarGraph.cc](#)

## 3.21 YQBusyIndicator Class Reference

Inheritance diagram for YQBusyIndicator:



### Public Member Functions

- [YQBusyIndicator](#) (YWidget \*parent, const std::string &label, int [timeout](#)=1000)
- virtual [~YQBusyIndicator](#) ()
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setTimeout](#) (int newTimeout)
- int [timeout](#) () const
- virtual void [setAlive](#) (bool newAlive)
- virtual void [setEnabled](#) (bool enabled)

- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

### Protected Attributes

- [YQWidgetCaption](#) \* **\_caption**
- [BusyBar](#) \* **\_bar**
- QTimer \* **\_timer**
- int **\_timeout**

### 3.21.1 Detailed Description

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

### 3.21.2 Constructor & Destructor Documentation

3.21.2.1 [YQBusyIndicator::YQBusyIndicator](#) ( [YWidget](#) \* *parent*, const std::string & *label*, int *timeout* = 1000 )

Constructor.

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

3.21.2.2 [YQBusyIndicator::~~YQBusyIndicator](#) ( ) [virtual]

Destructor.

Definition at line 150 of file [YQBusyIndicator.cc](#).

### 3.21.3 Member Function Documentation

3.21.3.1 int [YQBusyIndicator::preferredHeight](#) ( ) [virtual]

Preferred height of the widget.

Reimplemented from [YWidget](#).

Definition at line 210 of file [YQBusyIndicator.cc](#).

3.21.3.2 int [YQBusyIndicator::preferredWidth](#) ( ) [virtual]

Preferred width of the widget.

Reimplemented from [YWidget](#).

Definition at line 201 of file [YQBusyIndicator.cc](#).

### 3.21.3.3 void YQBusyIndicator::setAlive ( bool *newAlive* ) [virtual]

Send a keep alive message.

Reimplemented from YBusyIndicator.

Definition at line 163 of file [YQBusyIndicator.cc](#).

### 3.21.3.4 void YQBusyIndicator::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 193 of file [YQBusyIndicator.cc](#).

### 3.21.3.5 bool YQBusyIndicator::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

Definition at line 222 of file [YQBusyIndicator.cc](#).

### 3.21.3.6 void YQBusyIndicator::setLabel ( const std::string & *label* ) [virtual]

Set the label (the caption above the progress bar).

Reimplemented from YBusyIndicator.

Definition at line 156 of file [YQBusyIndicator.cc](#).

### 3.21.3.7 void YQBusyIndicator::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 216 of file [YQBusyIndicator.cc](#).

### 3.21.3.8 void YQBusyIndicator::setTimeout ( int *newTimeout* ) [virtual]

Set the timeout is ms after that the widget shows 'stalled' when no new tick is received.

Reimplemented from YBusyIndicator.

Definition at line 186 of file [YQBusyIndicator.cc](#).

### 3.21.3.9 int YQBusyIndicator::timeout ( ) const [inline]

Return the timeout is ms after that the widget shows 'stalled' when no new tick is received.

Reimplemented from YBusyIndicator.

Definition at line 76 of file [YQBusyIndicator.h](#).

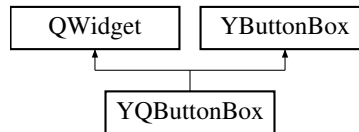
The documentation for this class was generated from the following files:

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQBusyIndicator.h](#)

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQBusyIndicator.cc](#)

## 3.22 YQGroupBox Class Reference

Inheritance diagram for YQGroupBox:



### Public Member Functions

- [YQGroupBox](#) (YWidget \*parent)
- virtual [~YQGroupBox](#) ()
- virtual void [setEnabled](#) (bool enabled)
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual void [moveChild](#) (YWidget \*child, int newX, int newY)

### 3.22.1 Detailed Description

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

### 3.22.2 Constructor & Destructor Documentation

#### 3.22.2.1 YQGroupBox::YQGroupBox ( YWidget \* parent )

Constructor.

Definition at line 31 of file [YQGroupBox.cc](#).

#### 3.22.2.2 YQGroupBox::~YQGroupBox ( ) [virtual]

Destructor.

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

### 3.22.3 Member Function Documentation

#### 3.22.3.1 void YQGroupBox::moveChild ( YWidget \* child, int newX, int newY ) [virtual]

Move a child widget to a new position.

Reimplemented from YGroupBox.

Definition at line 59 of file [YQGroupBox.cc](#).

### 3.22.3.2 void YQButtonBox::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 45 of file [YQButtonBox.cc](#).

### 3.22.3.3 void YQButtonBox::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

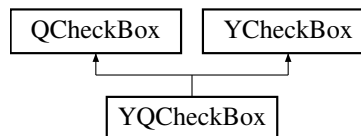
Definition at line 52 of file [YQButtonBox.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQButtonBox.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQButtonBox.cc

## 3.23 YQCheckBox Class Reference

Inheritance diagram for YQCheckBox:



### Public Member Functions

- [YQCheckBox](#) (YWidget \*parent, const std::string &label, bool checked)
- virtual [~YQCheckBox](#) ()
- virtual YCheckBoxState [value](#) ()
- virtual void [setValue](#) (YCheckBoxState state)
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setUseBoldFont](#) (bool bold=true)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

### 3.23.1 Detailed Description

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

### 3.23.2 Constructor & Destructor Documentation

#### 3.23.2.1 YQCheckBox::YQCheckBox ( YWidget \* *parent*, const std::string & *label*, bool *checked* )

Constructor.

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

#### 3.23.2.2 YQCheckBox::~YQCheckBox ( ) [virtual]

Destructor.

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

### 3.23.3 Member Function Documentation

#### 3.23.3.1 int YQCheckBox::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 129 of file [YQCheckBox.cc](#).

#### 3.23.3.2 int YQCheckBox::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 123 of file [YQCheckBox.cc](#).

#### 3.23.3.3 void YQCheckBox::setEnabled ( bool *enabled* ) [virtual]

Set enabled / disabled state.

Reimplemented from YWidget.

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

#### 3.23.3.4 bool YQCheckBox::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 141 of file [YQCheckBox.cc](#).

#### 3.23.3.5 void YQCheckBox::setLabel ( const std::string & *label* ) [virtual]

Change the label (the text) on the RadioButton.

Reimplemented from YRadioButton.

Definition at line 99 of file [YQCheckBox.cc](#).

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

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 135 of file [YQCheckBox.cc](#).

3.23.3.7 `void YQCheckBox::setUseBoldFont ( bool bold = true )` [virtual]

Use a bold font.

Reimplemented from YRadioButton.

Definition at line 106 of file [YQCheckBox.cc](#).

3.23.3.8 `void YQCheckBox::setValue ( YCheckBoxState state )` [virtual]

Set the CheckBox value (on/off/don't care).

Reimplemented from YCheckBox.

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

3.23.3.9 `YCheckBoxState YQCheckBox::value ( )` [virtual]

Get the current value:

YCheckBox\_on CheckBox is checked YCheckBox\_off CheckBox is unchecked

YCheckBox\_dont\_care tri-state: CheckBox is greyed out, neither checked nor unchecked

Reimplemented from YCheckBox.

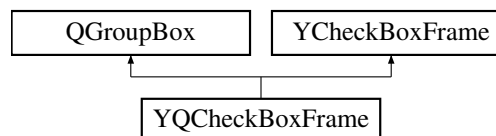
Definition at line 63 of file [YQCheckBox.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQCheckBox.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQCheckBox.cc](#)

## 3.24 YQCheckBoxFrame Class Reference

Inheritance diagram for YQCheckBoxFrame:



### Public Member Functions

- [YQCheckBoxFrame](#) (YWidget \*parent, const std::string &label, bool checked)

- virtual void [setLabel](#) (const std::string &label)
- virtual void [setValue](#) (bool isChecked)
- virtual bool [value](#) ()
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

### Protected Member Functions

- virtual void [childEvent](#) (QChildEvent \*)
- virtual bool [event](#) (QEvent \*e)

### 3.24.1 Detailed Description

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

### 3.24.2 Constructor & Destructor Documentation

3.24.2.1 [YQCheckBoxFrame::YQCheckBoxFrame](#) ( *YWidget \* parent*, const std::string & *label*, bool *checked* )

Constructor.

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

### 3.24.3 Member Function Documentation

3.24.3.1 [void YQCheckBoxFrame::childEvent](#) ( *QChildEvent \* event* ) [protected], [virtual]

Reimplemented from [QGroupBox](#) to prevent [QGroupBox](#) from disabling children according to the check box status as the children are inserted.

Definition at line 133 of file [YQCheckBoxFrame.cc](#).

3.24.3.2 [int YQCheckBoxFrame::preferredHeight](#) ( ) [virtual]

Preferred height of the widget.

Reimplemented from [YWidget](#).

Definition at line 177 of file [YQCheckBoxFrame.cc](#).

3.24.3.3 [int YQCheckBoxFrame::preferredWidth](#) ( ) [virtual]

Preferred width of the widget.

Reimplemented from [YWidget](#).

Definition at line 167 of file [YQCheckBoxFrame.cc](#).



3.24.3.4 `void YQCheckBoxFrame::setEnabled ( bool enabled ) [virtual]`

Set enabled / disabled state.

Reimplemented from YWidget.

Definition at line 79 of file [YQCheckBoxFrame.cc](#).

3.24.3.5 `bool YQCheckBoxFrame::setKeyboardFocus ( ) [virtual]`

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 187 of file [YQCheckBoxFrame.cc](#).

3.24.3.6 `void YQCheckBoxFrame::setLabel ( const std::string & label ) [virtual]`

Change the label text on the CheckBoxFrame.

Reimplemented from YCheckBoxFrame.

Definition at line 59 of file [YQCheckBoxFrame.cc](#).

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

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 148 of file [YQCheckBoxFrame.cc](#).

3.24.3.8 `void YQCheckBoxFrame::setValue ( bool isChecked ) [virtual]`

Check or uncheck the CheckBoxFrame's check box.

Reimplemented from YCheckBoxFrame.

Definition at line 72 of file [YQCheckBoxFrame.cc](#).

3.24.3.9 `bool YQCheckBoxFrame::value ( ) [virtual]`

Get the status of the CheckBoxFrame's check box.

Reimplemented from YCheckBoxFrame.

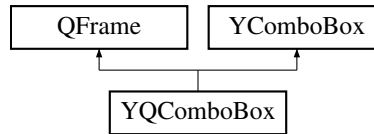
Definition at line 66 of file [YQCheckBoxFrame.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQCheckBoxFrame.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQCheckBoxFrame.cc](#)

## 3.25 YQComboBox Class Reference

Inheritance diagram for YQComboBox:



## Public Member Functions

- [YQComboBox](#) (YWidget \*parent, const std::string &label, bool editable)
- [~YQComboBox](#) ()
- virtual void [addItem](#) (YItem \*item)
- virtual void [deleteAllItems](#) ()
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setValidChars](#) (const std::string &validChars)
- virtual void [setInputMaxLength](#) (int numberOfChars)
- bool [isValidText](#) (const QString &txt) const
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

## Protected Slots

- void [slotSelected](#) (int i)
- void [textChanged](#) (QString)

## Protected Member Functions

- virtual std::string [text](#) ()
- virtual void [setText](#) (const std::string &newText)

## Protected Attributes

- [YQWidgetCaption](#) \* [\\_caption](#)
- [QComboBox](#) \* [\\_qt\\_comboBox](#)
- [QY2CharValidator](#) \* [\\_validator](#)

### 3.25.1 Detailed Description

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

### 3.25.2 Constructor & Destructor Documentation

#### 3.25.2.1 YQComboBox::YQComboBox ( YWidget \* parent, const std::string & label, bool editable )

Constructor.

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

### 3.25.2.2 YQComboBox::~YQComboBox ( )

Destructor.

Definition at line 84 of file [YQComboBox.cc](#).

## 3.25.3 Member Function Documentation

### 3.25.3.1 void YQComboBox::addItem ( YItem \* *item* ) [virtual]

Add one item. This widget assumes ownership of the item object and will delete it in its destructor.

Reimplemented from YComboBox.

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

### 3.25.3.2 void YQComboBox::deleteAllItems ( ) [virtual]

Delete all items.

Reimplemented from YSelectionWidget.

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

### 3.25.3.3 bool YQComboBox::isValidText ( const QString & *txt* ) const

Returns 'true' if the given text is valid according to the current setting of ValidChars.

Definition at line 194 of file [YQComboBox.cc](#).

### 3.25.3.4 int YQComboBox::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 240 of file [YQComboBox.cc](#).

### 3.25.3.5 int YQComboBox::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 234 of file [YQComboBox.cc](#).

### 3.25.3.6 void YQComboBox::setEnabled ( bool *enabled* ) [virtual]

Set enabled / disabled state.

Reimplemented from YWidget.

Definition at line 252 of file [YQComboBox.cc](#).

### 3.25.3.7 void YQComboBox::setInputMaxLength ( int *numberOfChars* ) [virtual]

Specify the amount of characters which can be inserted.

Reimplemented from YComboBox.

Definition at line 227 of file [YQComboBox.cc](#).

### 3.25.3.8 bool YQComboBox::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

Definition at line 260 of file [YQComboBox.cc](#).

### 3.25.3.9 void YQComboBox::setLabel ( const std::string & *label* ) [virtual]

Change the label text.

Reimplemented from YSelectionWidget.

Definition at line 154 of file [YQComboBox.cc](#).

### 3.25.3.10 void YQComboBox::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 246 of file [YQComboBox.cc](#).

### 3.25.3.11 void YQComboBox::setText ( const std::string & *newText* ) [protected], [virtual]

Set this ComboBox's current value as text.

Called internally whenever the content is to change programmatically. Don't call setValue() or selectItem() from here.

Implemented from YComboBox.

Definition at line 96 of file [YQComboBox.cc](#).

### 3.25.3.12 void YQComboBox::setValidChars ( const std::string & *validChars* ) [virtual]

Change the valid input characters.

Reimplemented from YComboBox.

Definition at line 161 of file [YQComboBox.cc](#).

### 3.25.3.13 void YQComboBox::slotSelected ( int *i* ) [protected], [slot]

Tells the ui that an item has been selected. This is only interesting if the 'notify option is set.

Definition at line 206 of file [YQComboBox.cc](#).

#### 3.25.3.14 `string YQComboBox::text ( )` `[protected]`, `[virtual]`

Return this ComboBox's current value as text.

Called internally from `value()`, `selectedItem()` and related.

Implemented from `YComboBox`.

Definition at line 90 of file [YQComboBox.cc](#).

#### 3.25.3.15 `void YQComboBox::textChanged ( QString )` `[protected]`, `[slot]`

Tells the ui that the user has edited the text ( if the 'editable' option is set ). This is only interesting if the 'notify option is set.

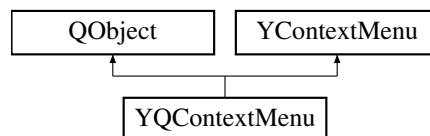
Definition at line 220 of file [YQComboBox.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQComboBox.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQComboBox.cc](#)

## 3.26 YQContextMenu Class Reference

Inheritance diagram for YQContextMenu:



### Public Member Functions

- [YQContextMenu \( \)](#)
- **YQContextMenu** (const QPoint position)
- virtual [~YQContextMenu \( \)](#)
- virtual void [rebuildMenuTree \( \)](#)
- virtual int [preferredWidth \( \)](#)
- virtual int [preferredHeight \( \)](#)
- virtual void [setSize \(int newWidth, int newHeight\)](#)

### Protected Slots

- void [menuEntryActivated \(QAction \\*menuItem\)](#)
- void [returnNow \( \)](#)
- void [slotMenuHidden \( \)](#)
- void [slotReturnMenuHidden \( \)](#)

## Protected Member Functions

- void [rebuildMenuTree](#) (QMenu \*menu, YItemIterator begin, YItemIterator end)

## Protected Attributes

- YMenuItem \* **\_selectedItem**
- QPushButton \* **\_qt\_button**
- QHash< QAction \*, int > **\_serials**

### 3.26.1 Detailed Description

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

### 3.26.2 Constructor & Destructor Documentation

#### 3.26.2.1 YQContextMenu::YQContextMenu ( )

Constructor.

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

#### 3.26.2.2 YQContextMenu::~YQContextMenu ( ) [virtual]

Destructor.

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

### 3.26.3 Member Function Documentation

#### 3.26.3.1 void YQContextMenu::menuEntryActivated ( QAction \* *menuItem* ) [protected],[slot]

Triggered when any menu item is activated.

Definition at line [151](#) of file [YQContextMenu.cc](#).

#### 3.26.3.2 int YQContextMenu::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line [200](#) of file [YQContextMenu.cc](#).

#### 3.26.3.3 int YQContextMenu::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line [194](#) of file [YQContextMenu.cc](#).

**3.26.3.4 void YQContextMenu::rebuildMenuTree ( ) [virtual]**

Change the label on the button.

Reimplemented from YContextMenu / YSelectionWidget. Rebuild the displayed menu tree from the internally stored YMenuItems.

Implemented from YContextMenu.

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

**3.26.3.5 void YQContextMenu::rebuildMenuTree ( QMenu \* menu, YItemIterator begin, YItemIterator end ) [protected]**

Recursively insert menu items into 'menu' from iterator 'begin' to iterator 'end'.

Definition at line 83 of file [YQContextMenu.cc](#).

**3.26.3.6 void YQContextMenu::returnNow ( ) [protected], [slot]**

Triggered via [menuEntryActivated\(\)](#) by zero timer to get back in sync with the Qt event loop.

Definition at line 184 of file [YQContextMenu.cc](#).

**3.26.3.7 void YQContextMenu::setSize ( int newWidth, int newHeight ) [virtual]**

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 207 of file [YQContextMenu.cc](#).

**3.26.3.8 void YQContextMenu::slotMenuHidden ( ) [protected], [slot]**

Triggered when the context menu is hidden

Definition at line 132 of file [YQContextMenu.cc](#).

**3.26.3.9 void YQContextMenu::slotReturnMenuHidden ( ) [protected], [slot]**

Triggered via [slotMenuHidden\(\)](#) by zero timer to get back in sync with the Qt event loop.

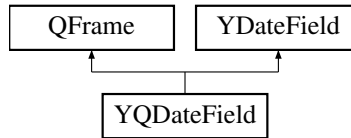
Definition at line 141 of file [YQContextMenu.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQContextMenu.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQContextMenu.cc](#)

**3.27 YQDateField Class Reference**

Inheritance diagram for YQDateField:



## Public Member Functions

- [YQDateField](#) (YWidget \*parent, const std::string &label)
- virtual [~YQDateField](#) ()
- virtual std::string [value](#) ()
- virtual void [setValue](#) (const std::string &newValue)
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

## Protected Attributes

- [YQWidgetCaption](#) \* **\_caption**
- QDateEdit \* **\_qt\_dateEdit**

### 3.27.1 Detailed Description

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

### 3.27.2 Constructor & Destructor Documentation

#### 3.27.2.1 YQDateField::YQDateField ( YWidget \* parent, const std::string & label )

Constructor.

Definition at line 38 of file [YQDateField.cc](#).

#### 3.27.2.2 YQDateField::~YQDateField ( ) [virtual]

Destructor.

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

### 3.27.3 Member Function Documentation

#### 3.27.3.1 int YQDateField::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 103 of file [YQDateField.cc](#).



### 3.27.3.2 int YQDateField::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

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

### 3.27.3.3 void YQDateField::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 90 of file [YQDateField.cc](#).

### 3.27.3.4 bool YQDateField::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 115 of file [YQDateField.cc](#).

### 3.27.3.5 void YQDateField::setLabel ( const std::string & *label* ) [virtual]

Set the label (the caption above the input field).

Reimplemented from YSimpleInputField.

Definition at line 83 of file [YQDateField.cc](#).

### 3.27.3.6 void YQDateField::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 109 of file [YQDateField.cc](#).

### 3.27.3.7 void YQDateField::setValue ( const std::string & *newValue* ) [virtual]

Set the current value (the text entered by the user or set from the outside) of this input field.

Implemented from YSimpleInputField.

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

### 3.27.3.8 string YQDateField::value ( ) [virtual]

Get the current value (the text entered by the user or set from the outside) of this input field.

Implemented from YSimpleInputField.

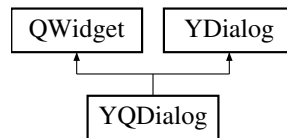
Definition at line 70 of file [YQDateField.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQDateField.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQDateField.cc

### 3.28 YQDialog Class Reference

Inheritance diagram for YQDialog:



#### Public Member Functions

- [YQDialog](#) (YDialogType dialogType, YDialogColorMode colorMode=YDialogNormalColor)
- void [closeEvent](#) (QCloseEvent \*ev)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- [YQGenericButton](#) \* [findDefaultButton](#) ()
- bool [userResized](#) ()
- [YQGenericButton](#) \* [focusButton](#) () const
- [YQGenericButton](#) \* [defaultButton](#) () const
- void [losingFocus](#) ([YQGenericButton](#) \*button)
- void [gettingFocus](#) ([YQGenericButton](#) \*button)
- void [setDefaultButton](#) (YPushButton \*newDefaultButton)
- void [ensureOnlyOneDefaultButton](#) ()
- bool [activateDefaultButton](#) (bool warn=true)
- [YQWizard](#) \* [findWizard](#) () const
- [YQGenericButton](#) \* [wizardDefaultButton](#) ([YQWizard](#) \*wizard) const
- virtual void [highlight](#) (YWidget \*child)
- QEventLoop \* [eventLoop](#) ()

#### Static Public Member Functions

- static void [center](#) (QWidget \*dialog, QWidget \*parent=0)

#### Protected Slots

- void [waitForEventTimeout](#) ()

## Protected Member Functions

- virtual `~YQDialog ()`
- `YQGenericButton * findDefaultButton (YWidgetListConstIterator begin, YWidgetListConstIterator end) const`
- `YQWizard * findWizard (YWidgetListConstIterator begin, YWidgetListConstIterator end) const`
- `YQWizard * ensureOnlyOneDefaultButton (YWidgetListConstIterator begin, YWidgetListConstIterator end)`
- virtual void `openInternal ()`
- virtual `YEvent * waitForEventInternal (int timeout_millisec)`
- virtual `YEvent * pollEventInternal ()`
- virtual void `activate ()`
- virtual void `keyPressEvent (QKeyEvent *event)`
- virtual void `focusInEvent (QFocusEvent *event)`
- virtual void `resizeEvent (QResizeEvent *event)`

## Static Protected Member Functions

- static `QWidget * chooseParent (YDialogType dialogType)`

## Protected Attributes

- bool `_userResized`
- `QSize _userSize`
- `YQGenericButton * _focusButton`
- `YQGenericButton * _defaultButton`
- `QTimer * _waitForEventTimer`
- `QEventLoop * _eventLoop`
- `YWidget * _highlightedChild`
- `QPalette _preHighlightPalette`
- bool `_preHighlightAutoFill`
- `QY2StyleEditor * _styleEditor`

### 3.28.1 Detailed Description

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

### 3.28.2 Constructor & Destructor Documentation

#### 3.28.2.1 `YQDialog::YQDialog ( YDialogType dialogType, YDialogColorMode colorMode = YDialogNormalColor )`

Constructor.

'dialogType' is one of YMainDialog, YWizardDialog, or YPopupDialog.

The Qt UI supports YWizardDialogs. They are handled very much like YMainDialogs, except for wizard dialogs that are opened over a wizard with a steps panel on the left side, in which case that new wizard dialog will be resized and moved so the steps panel from the wizard below will remain visible.

'colorMode' can be set to YDialogWarnColor to use very bright "warning" colors or YDialogInfoColor to use more prominent, yet not quite as bright as "warning" colors. Use both only very rarely.

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

### 3.28.2.2 YQDialog::~YQDialog ( ) [protected],[virtual]

Destructor. Don't delete a dialog directly, use YDialog::deleteTopmostDialog().

Definition at line 123 of file YQDialog.cc.

## 3.28.3 Member Function Documentation

### 3.28.3.1 void YQDialog::activate ( ) [protected],[virtual]

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

Implemented from YDialog.

Definition at line 178 of file YQDialog.cc.

### 3.28.3.2 bool YQDialog::activateDefaultButton ( bool *warn* = true )

Activate (i.e. click) this dialog's default button, if there is any. Issue a warning to the log file if 'warn' is true.

Definition at line 529 of file YQDialog.cc.

### 3.28.3.3 void YQDialog::center ( QWidget \* *dialog*, QWidget \* *parent* = 0 ) [static]

Center a dialog relative to 'parent'.

If 'parent' is 0, the dialog is centered relative to the application's main widget. If 'dialog' is the main widget and 'parent' is 0, the dialog is centered relative to the desktop.

Definition at line 831 of file YQDialog.cc.

### 3.28.3.4 QWidget \* YQDialog::chooseParent ( YDialogType *dialogType* ) [static],[protected]

Choose a parent widget for a dialog of the specified type: Either the main window dock (if this is a YMainDialog and the dock currently accepts child dialogs) or 0.

Definition at line 145 of file YQDialog.cc.

### 3.28.3.5 void YQDialog::closeEvent ( QCloseEvent \* *ev* )

Inherited from QDialog: The window was closed via the window manager close button.

Definition at line 714 of file YQDialog.cc.

### 3.28.3.6 YQGenericButton\* YQDialog::defaultButton ( ) const [inline]

Returns the dialog's default button - the button that is activated with [Return] if no button has the keyboard focus.

Definition at line 128 of file YQDialog.h.

### 3.28.3.7 void YQDialog::ensureOnlyOneDefaultButton ( )

Ensure presence of no more than one single default button.

Definition at line 395 of file [YQDialog.cc](#).

**3.28.3.8 YQWizard \* YQDialog::ensureOnlyOneDefaultButton ( YWidgetListConstIterator *begin*, YWidgetListConstIterator *end* )**  
[protected]

Helper function for [ensureOnlyOneDefaultButton\(\)](#): Recursively find all normal and wizard buttons between 'begin' and 'end' and make sure that no more than one button is marked as default. Return (the first) wizard widget found on the way.

Definition at line 344 of file [YQDialog.cc](#).

**3.28.3.9 QEventLoop\* YQDialog::eventLoop ( )** [inline]

Access to this dialog's event loop.

Definition at line 201 of file [YQDialog.h](#).

**3.28.3.10 YQGenericButton \* YQDialog::findDefaultButton ( )**

Return this dialog's (first) default button or 0 if none

Definition at line 292 of file [YQDialog.cc](#).

**3.28.3.11 YQGenericButton \* YQDialog::findDefaultButton ( YWidgetListConstIterator *begin*, YWidgetListConstIterator *end* )**  
const [protected]

Return the (first) default button between 'begin' and 'end' or 0 if there is none.

Definition at line 307 of file [YQDialog.cc](#).

**3.28.3.12 YQWizard \* YQDialog::findWizard ( )** const

Find the first wizard in that dialog, if there is any. Returns 0 if there is none.

Definition at line 420 of file [YQDialog.cc](#).

**3.28.3.13 YQWizard \* YQDialog::findWizard ( YWidgetListConstIterator *begin*, YWidgetListConstIterator *end* )** const  
[protected]

Return the (first) wizard widget between 'begin' and 'end' or 0 if there is none.

Definition at line 427 of file [YQDialog.cc](#).

**3.28.3.14 YQGenericButton\* YQDialog::focusButton ( )** const [inline]

Returns the button that has the keyboard focus or 0 if no button has the keyboard focus.

Definition at line 122 of file [YQDialog.h](#).

### 3.28.3.15 void YQDialog::getingFocus ( YQGenericButton \* *button* )

Notification that a button gets the keyboard focus.

All pushbuttons are required to call this whenever they gain focus so the dialog can keep track of its focusButton.

Definition at line 584 of file [YQDialog.cc](#).

### 3.28.3.16 void YQDialog::highlight ( YWidget \* *child* ) [virtual]

Highlight a child widget of this dialog. This is meant for debugging: YDialogSpy and similar uses.

No more than one widget can be highlighted at any one time in the same dialog. Highlighting another widget un-highlights a previously highlighted widget. 0 means 'unhighlight the last highlighted widget, but don't highlight any other'.

Implemented from YDialog.

Definition at line 847 of file [YQDialog.cc](#).

### 3.28.3.17 void YQDialog::keyPressEvent ( QKeyEvent \* *event* ) [protected],[virtual]

Qt event handlers.

All reimplemented from QWidget.

Definition at line 600 of file [YQDialog.cc](#).

### 3.28.3.18 void YQDialog::losingFocus ( YQGenericButton \* *button* )

Notification that a button loses the keyboard focus.

All pushbuttons are required to call this whenever they lose focus so the dialog can keep track of its focusButton.

Definition at line 568 of file [YQDialog.cc](#).

### 3.28.3.19 void YQDialog::openInternal ( ) [protected],[virtual]

Internal open() method, called exactly once during the life time of the dialog in open().

Implemented from YDialog.

Definition at line 168 of file [YQDialog.cc](#).

### 3.28.3.20 YEvent \* YQDialog::pollEventInternal ( ) [protected],[virtual]

Check if a user event is pending. If there is one, return it. If there is none, do not wait for one - return 0.

Implemented from YDialog.

Definition at line 799 of file [YQDialog.cc](#).

### 3.28.3.21 int YQDialog::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 217 of file [YQDialog.cc](#).

**3.28.3.22** `int YQDialog::preferredWidth ( ) [virtual]`

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 186 of file [YQDialog.cc](#).

**3.28.3.23** `void YQDialog::setDefaultButton ( YPushButton * newDefaultButton )`

Set the dialog's default button - the button that is activated with [Return] if no other button has the keyboard focus. 'newDefaultButton' may be 0 if the former default button is destroyed.

Definition at line 489 of file [YQDialog.cc](#).

**3.28.3.24** `void YQDialog::setEnabled ( bool enabled ) [virtual]`

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 248 of file [YQDialog.cc](#).

**3.28.3.25** `void YQDialog::setSize ( int newWidth, int newHeight ) [virtual]`

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 256 of file [YQDialog.cc](#).

**3.28.3.26** `bool YQDialog::userResized ( ) [inline]`

Return 'true' if the user resized this dialog.

Definition at line 116 of file [YQDialog.h](#).

**3.28.3.27** `YEvent * YQDialog::waitForEventInternal ( int timeout_millisec ) [protected], [virtual]`

Wait for a user event.

Implemented from YDialog.

Definition at line 749 of file [YQDialog.cc](#).

**3.28.3.28** `void YQDialog::waitForEventTimeout ( ) [protected], [slot]`

Timeout during waitForEvent()

Definition at line 819 of file [YQDialog.cc](#).

### 3.28.3.29 YQGenericButton \* YQDialog::wizardDefaultButton ( YQWizard \* wizard ) const

Find a wizard button that would make sense as a default button. Return 0 if none can be found.

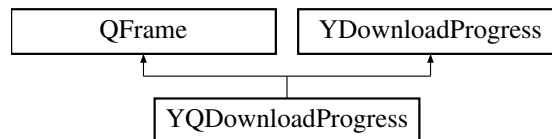
Definition at line 452 of file [YQDialog.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQDialog.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQDialog.cc

## 3.29 YQDownloadProgress Class Reference

Inheritance diagram for YQDownloadProgress:



### Public Slots

- void [pollFileSize](#) (void)

### Public Member Functions

- [YQDownloadProgress](#) (YWidget \*parent, const std::string &label, const std::string &filename, YFileSize\_t expectedSize)
- virtual [~YQDownloadProgress](#) ()
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setFilename](#) (const std::string &filename)
- virtual void [setExpectedSize](#) (YFileSize\_t expectedSize)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)

### Protected Attributes

- [YQWidgetCaption](#) \* [\\_caption](#)
- QProgressBar \* [\\_qt\\_progressBar](#)
- QTimer \* [\\_timer](#)

### 3.29.1 Detailed Description

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



### 3.29.2 Constructor & Destructor Documentation

3.29.2.1 `YQDownloadProgress::YQDownloadProgress ( YWidget * parent, const std::string & label, const std::string & filename, YFileSize_t expectedSize )`

Constructor.

Definition at line 38 of file [YQDownloadProgress.cc](#).

3.29.2.2 `YQDownloadProgress::~YQDownloadProgress ( )` [virtual]

Destructor.

Definition at line 73 of file [YQDownloadProgress.cc](#).

### 3.29.3 Member Function Documentation

3.29.3.1 `void YQDownloadProgress::pollFileSize ( void )` [slot]

Slot for polling and displaying the file size.

Definition at line 104 of file [YQDownloadProgress.cc](#).

3.29.3.2 `int YQDownloadProgress::preferredHeight ( )` [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

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

3.29.3.3 `int YQDownloadProgress::preferredWidth ( )` [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 120 of file [YQDownloadProgress.cc](#).

3.29.3.4 `void YQDownloadProgress::setEnabled ( bool enabled )` [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 111 of file [YQDownloadProgress.cc](#).

3.29.3.5 `void YQDownloadProgress::setExpectedSize ( YFileSize_t expectedSize )` [virtual]

Change the expected file size.

Reimplemented from YDownloadProgress.

Definition at line 96 of file [YQDownloadProgress.cc](#).

### 3.29.3.6 void YQDownloadProgress::setFilename ( const std::string & filename ) [virtual]

Set the name of a new file to monitor.

Reimplemented from YDownloadProgress.

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

### 3.29.3.7 void YQDownloadProgress::setLabel ( const std::string & label ) [virtual]

Set the label (the text above the progress bar).

Reimplemented from YDownloadProgress.

Definition at line 80 of file [YQDownloadProgress.cc](#).

### 3.29.3.8 void YQDownloadProgress::setSize ( int newWidth, int newHeight ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

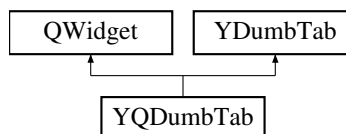
Definition at line 134 of file [YQDownloadProgress.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQDownloadProgress.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQDownloadProgress.cc

## 3.30 YQDumbTab Class Reference

Inheritance diagram for YQDumbTab:



### Public Slots

- void [slotSelected](#) (int index)

### Public Member Functions

- [YQDumbTab](#) (YWidget \*parent)
- virtual [~YQDumbTab](#) ()
- virtual void [addItem](#) (YItem \*item)
- virtual void [selectItem](#) (YItem \*item, bool selected=true)
- virtual void [deselectAllItems](#) ()
- virtual void [deleteAllItems](#) ()

- virtual void [shortcutChanged](#) ()
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)

### Protected Attributes

- QTabBar \* [\\_tabBar](#)

### 3.30.1 Detailed Description

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

### 3.30.2 Constructor & Destructor Documentation

#### 3.30.2.1 YQDumbTab::YQDumbTab ( YWidget \* *parent* )

Constructor.

Definition at line 45 of file [YQDumbTab.cc](#).

#### 3.30.2.2 YQDumbTab::~YQDumbTab ( ) [virtual]

Destructor.

Definition at line 67 of file [YQDumbTab.cc](#).

### 3.30.3 Member Function Documentation

#### 3.30.3.1 void YQDumbTab::addItem ( YItem \* *item* ) [virtual]

Add an item (a tab page).

Reimplemented from YDumbTab.

Definition at line 74 of file [YQDumbTab.cc](#).

#### 3.30.3.2 void YQDumbTab::deleteAllItems ( ) [virtual]

Delete all items (all tab pages).

Reimplemented from YSelectionWidget.

Definition at line 103 of file [YQDumbTab.cc](#).

#### 3.30.3.3 void YQDumbTab::deselectAllItems ( ) [virtual]

Deselect all items.

Reimplemented from YSelectionWidget.

Definition at line 117 of file [YQDumbTab.cc](#).

#### 3.30.3.4 `int YQDumbTab::preferredHeight ( ) [virtual]`

Preferred height of the widget.

Reimplemented from `YWidget`.

Definition at line 170 of file [YQDumbTab.cc](#).

#### 3.30.3.5 `int YQDumbTab::preferredWidth ( ) [virtual]`

Preferred width of the widget.

Reimplemented from `YWidget`.

Definition at line 160 of file [YQDumbTab.cc](#).

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

Select or deselect an item.

Reimplemented from `YSelectionWidget`.

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

#### 3.30.3.7 `void YQDumbTab::setEnabled ( bool enabled ) [virtual]`

Set enabled/disabled state.

Reimplemented from `YWidget`.

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

#### 3.30.3.8 `void YQDumbTab::setSize ( int newWidth, int newHeight ) [virtual]`

Set the new size of the widget.

Reimplemented from `YWidget`.

Definition at line 180 of file [YQDumbTab.cc](#).

#### 3.30.3.9 `void YQDumbTab::shortcutChanged ( ) [virtual]`

Notification that some shortcut was changed.

Reimplemented from `YDumbTab`.

Definition at line 136 of file [YQDumbTab.cc](#).

#### 3.30.3.10 `void YQDumbTab::slotSelected ( int index ) [slot]`

Send an event that the tab with the specified index is selected.

Definition at line 124 of file [YQDumbTab.cc](#).

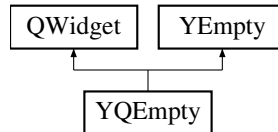
The documentation for this class was generated from the following files:

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQDumbTab.h](#)

- `/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQDumbTab.cc`

### 3.31 YQEmpty Class Reference

Inheritance diagram for YQEmpty:



#### Public Member Functions

- [YQEmpty](#) (YWidget \*parent)
- virtual [~YQEmpty](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)

#### 3.31.1 Detailed Description

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

#### 3.31.2 Constructor & Destructor Documentation

##### 3.31.2.1 YQEmpty::YQEmpty ( YWidget \* parent )

Constructor.

Definition at line 29 of file [YQEmpty.cc](#).

##### 3.31.2.2 YQEmpty::~~YQEmpty ( ) [virtual]

Destructor.

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

#### 3.31.3 Member Function Documentation

##### 3.31.3.1 void YQEmpty::setSize ( int newWidth, int newHeight ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

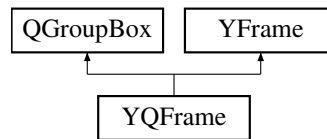
Definition at line 43 of file [YQEmpty.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQEmpty.h`
- `/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQEmpty.cc`

### 3.32 YQFrame Class Reference

Inheritance diagram for YQFrame:



#### Public Member Functions

- [YQFrame](#) (YWidget \*parent, const std::string &label)
- virtual [~YQFrame](#) ()
- virtual void [setLabel](#) (const std::string &newLabel)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)

#### 3.32.1 Detailed Description

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

#### 3.32.2 Constructor & Destructor Documentation

##### 3.32.2.1 YQFrame::YQFrame ( YWidget \* parent, const std::string & label )

Constructor.

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

##### 3.32.2.2 YQFrame::~YQFrame ( ) [virtual]

Destructor.

Definition at line 47 of file [YQFrame.cc](#).

#### 3.32.3 Member Function Documentation

##### 3.32.3.1 int YQFrame::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 103 of file [YQFrame.cc](#).

**3.32.3.2** `int YQFrame::preferredWidth ( ) [virtual]`

Preferred width of the widget.

Reimplemented from `YWidget`.

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

**3.32.3.3** `void YQFrame::setEnabled ( bool enabled ) [virtual]`

Set enabled/disabled state.

Reimplemented from `YWidget`.

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

**3.32.3.4** `void YQFrame::setLabel ( const std::string & newLabel ) [virtual]`

Change the frame label.

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

**3.32.3.5** `void YQFrame::setSize ( int newWidth, int newHeight ) [virtual]`

Set the new size of the widget.

Reimplemented from `YWidget`.

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

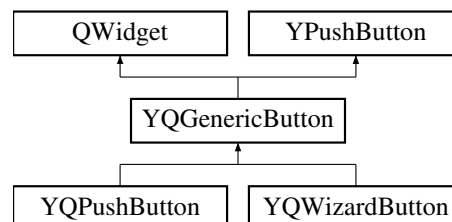
The documentation for this class was generated from the following files:

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQFrame.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQFrame.cc](#)

## 3.33 YQGenericButton Class Reference

```
#include <YQGenericButton.h>
```

Inheritance diagram for `YQGenericButton`:



### Public Slots

- void [activate](#) ()

## Public Member Functions

- virtual [~YQGenericButton](#) ()
- virtual void [setEnabled](#) (bool enabled)
- bool [isEnabled](#) () const
- void [setLabel](#) (const QString &label)
- virtual void [setLabel](#) (const std::string &label)
- void [showAsDefault](#) (bool show=true)
- bool [isShownAsDefault](#) () const
- virtual bool [setKeyboardFocus](#) ()
- virtual void [setIcon](#) (const std::string &iconName)
- QString [text](#) () const
- QPushButton \* [qPushButton](#) () const
- YQDialog \* [yQDialog](#) () const

## Protected Member Functions

- [YQGenericButton](#) (YWidget \*parent, const std::string &label)
- void [setQPushButton](#) (QPushButton \*pb)
- bool [eventFilter](#) (QObject \*obj, QEvent \*event)
- [YQDialog](#) \* [dialog](#) ()
- void [forgetDialog](#) ()

## Friends

- class **YQDialog**

### 3.33.1 Detailed Description

Abstract base class for push button and similar widgets - all that can become a [YQDialog](#)'s "default button".

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

### 3.33.2 Constructor & Destructor Documentation

3.33.2.1 [YQGenericButton::YQGenericButton](#) ( YWidget \* *parent*, const std::string & *label* ) [protected]

Constructor.

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

3.33.2.2 [YQGenericButton::~YQGenericButton](#) ( ) [virtual]

Destructor.

Definition at line 63 of file [YQGenericButton.cc](#).



### 3.33.3 Member Function Documentation

#### 3.33.3.1 void YQGenericButton::activate ( ) [slot]

Activate (animated) this button.

Definition at line 187 of file [YQGenericButton.cc](#).

#### 3.33.3.2 YQDialog \* YQGenericButton::dialog ( ) [protected]

Returns the corresponding [YQDialog](#). Throws an exception if there is none.

Definition at line 83 of file [YQGenericButton.cc](#).

#### 3.33.3.3 bool YQGenericButton::eventFilter ( QObject \* *obj*, QEvent \* *event* ) [protected]

Redirect events from the `_qPushButton` member to this object.

Overwritten from `QObject`.

Definition at line 194 of file [YQGenericButton.cc](#).

#### 3.33.3.4 bool YQGenericButton::isEnabled ( ) const

Returns 'true' if this button is enabled, 'false' otherwise.

Definition at line 108 of file [YQGenericButton.cc](#).

#### 3.33.3.5 bool YQGenericButton::isShownAsDefault ( ) const

Returns 'true' if this button is shown as a default button - which may mean that this really is the dialogs's default button or it is the dialog's focus button (a button that currently has the keyboard focus).

Don't confuse this with `YPushButton::isDefaultButton()`!

Definition at line 174 of file [YQGenericButton.cc](#).

#### 3.33.3.6 QPushButton\* YQGenericButton::qPushButton ( ) const [inline]

Returns the internal Qt PushButton.

Definition at line 124 of file [YQGenericButton.h](#).

#### 3.33.3.7 void YQGenericButton::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from `YWidget`.

Definition at line 99 of file [YQGenericButton.cc](#).

#### 3.33.3.8 void YQGenericButton::setIcon ( const std::string & *iconName* ) [virtual]

Set this button's icon.

Reimplemented from YPushButton.

Definition at line 114 of file [YQGenericButton.cc](#).

**3.33.3.9** `bool YQGenericButton::setKeyboardFocus ( )` `[virtual]`

Accept the keyboard focus.

Definition at line 225 of file [YQGenericButton.cc](#).

**3.33.3.10** `void YQGenericButton::setLabel ( const QString & label )`

Changes the label (the text) of the button.

Definition at line 141 of file [YQGenericButton.cc](#).

**3.33.3.11** `void YQGenericButton::setLabel ( const std::string & label )` `[virtual]`

Changes the label (the text) of the button.

Reimplemented from YWidget.

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

**3.33.3.12** `void YQGenericButton::setQPushButton ( QPushButton * pb )` `[protected]`

Set the corresponding QPushButton.

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

**3.33.3.13** `void YQGenericButton::showAsDefault ( bool show = true )`

Show this button as the dialog's default button. The button never calls this by itself - the parent dialog is responsible for that.

Definition at line 163 of file [YQGenericButton.cc](#).

**3.33.3.14** `QString YQGenericButton::text ( )` `const`

Returns the button's text (label) - useful for log messages etc.

Definition at line 181 of file [YQGenericButton.cc](#).

**3.33.3.15** `YQDialog* YQGenericButton::yQDialog ( )` `const` `[inline]`

Returns the internal parent dialog.

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

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQGenericButton.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQGenericButton.cc](#)

## 3.34 YQGraphPluginIf Class Reference

### Public Member Functions

- virtual YGraph \* **createGraph** (YWidget \*parent, const std::string &filename, const std::string &layoutAlgorithm)=0
- virtual YGraph \* **createGraph** (YWidget \*parent, void \*graph)=0

### 3.34.1 Detailed Description

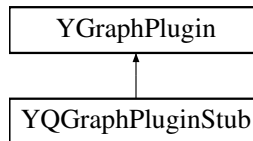
Definition at line 32 of file [YQGraphPluginIf.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQGraphPluginIf.h

## 3.35 YQGraphPluginStub Class Reference

Inheritance diagram for YQGraphPluginStub:



### Public Member Functions

- [YQGraphPluginStub](#) ()
- virtual [~YQGraphPluginStub](#) ()
- virtual YGraph \* [createGraph](#) (YWidget \*parent, const std::string &filename, const std::string &layoutAlgorithm)
- virtual YGraph \* **createGraph** (YWidget \*parent, void \*graph)

### Public Attributes

- [YQGraphPluginIf](#) \* **impl**

### 3.35.1 Detailed Description

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

### 3.35.2 Constructor & Destructor Documentation

#### 3.35.2.1 YQGraphPluginStub::YQGraphPluginStub ( )

Constructor: Load the plugin library for the package selector.

Definition at line 32 of file [YQGraphPluginStub.cc](#).

### 3.35.2.2 YQGraphPluginStub::~~YQGraphPluginStub ( ) [virtual]

Destructor.

Definition at line 51 of file [YQGraphPluginStub.cc](#).

## 3.35.3 Member Function Documentation

### 3.35.3.1 YGraph \* YQGraphPluginStub::createGraph ( YWidget \* *parent*, const std::string & *filename*, const std::string & *layoutAlgorithm* ) [virtual]

Create a package selector. Implemented from YGraphPlugin.

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.

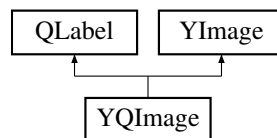
Definition at line 58 of file [YQGraphPluginStub.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQGraphPluginStub.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQGraphPluginStub.cc

## 3.36 YQImage Class Reference

Inheritance diagram for YQImage:



### Public Member Functions

- [YQImage](#) (YWidget \*parent, const std::string &imageFileName, bool animated=false)
- virtual [~YQImage](#) ()
- virtual void [setImage](#) (const std::string &imageFileName, bool animated=false)
- virtual void [setAutoScale](#) (bool autoScale=true)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)

### Protected Attributes

- int [\\_pixmapWidth](#)
- int [\\_pixmapHeight](#)

### 3.36.1 Detailed Description

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

### 3.36.2 Constructor & Destructor Documentation

#### 3.36.2.1 YQImage::YQImage ( YWidget \* *parent*, const std::string & *imageFileName*, bool *animated* = false )

Constructor.

'animated' indicates if 'imageFileName' is an animated image format (e.g., MNG).

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

#### 3.36.2.2 YQImage::~YQImage ( ) [virtual]

Destructor.

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

### 3.36.3 Member Function Documentation

#### 3.36.3.1 int YQImage::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 144 of file [YQImage.cc](#).

#### 3.36.3.2 int YQImage::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

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

#### 3.36.3.3 void YQImage::setAutoScale ( bool *autoScale* = true ) [virtual]

Make the image fit into the available space.

Reimplemented from YImage.

Definition at line 109 of file [YQImage.cc](#).

#### 3.36.3.4 void YQImage::setEnabled ( bool *enabled* ) [virtual]

if false, the image will be displayed in gray

Definition at line 171 of file [YQImage.cc](#).

**3.36.3.5** `void YQImage::setImage ( const std::string & imageName, bool animated = false )` [virtual]

Set and display a new image.

Reimplemented from YImage.

Definition at line 63 of file [YQImage.cc](#).

**3.36.3.6** `void YQImage::setSize ( int newWidth, int newHeight )` [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

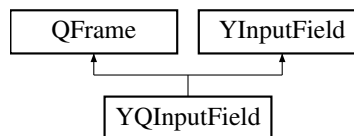
Definition at line 166 of file [YQImage.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQImage.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQImage.cc](#)

## 3.37 YQInputField Class Reference

Inheritance diagram for YQInputField:



### Public Member Functions

- [YQInputField](#) (YWidget \*parent, const std::string &label, bool passwordMode=false)
- virtual std::string [value](#) ()
- virtual void [setValue](#) (const std::string &text)
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setValidChars](#) (const std::string &validChars)
- virtual void [setInputMaxLength](#) (int numberOfChars)
- bool [isValidText](#) (const QString &text) const
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

### Protected Slots

- void [changed](#) (const QString &)
- void [displayCapsLockWarning](#) ()
- void [clearCapsLockWarning](#) ()

## Protected Attributes

- [YQWidgetCaption](#) \* **\_caption**
- [YQRawLineEdit](#) \* **\_qt\_lineEdit**
- [QY2CharValidator](#) \* **\_validator**
- bool **\_shrinkable**
- bool **\_displayingCapsLockWarning**

### 3.37.1 Detailed Description

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

### 3.37.2 Constructor & Destructor Documentation

3.37.2.1 `YQInputField::YQInputField ( YWidget * parent, const std::string & label, bool passwordMode = false )`

Constructor.

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

### 3.37.3 Member Function Documentation

3.37.3.1 `void YQInputField::changed ( const QString & ) [protected], [slot]`

Triggered when the text in the InputField changes. This *may* be of interest to the module.

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

3.37.3.2 `void YQInputField::clearCapsLockWarning ( ) [protected], [slot]`

Clear the CapsLock warning: Restore old label

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

3.37.3.3 `void YQInputField::displayCapsLockWarning ( ) [protected], [slot]`

Display a warning that CapsLock is active: Replace the label with "CapsLock!"

Definition at line 219 of file [YQInputField.cc](#).

3.37.3.4 `bool YQInputField::isValidText ( const QString & text ) const`

Returns 'true' if a given text is valid according to ValidChars.

Definition at line 157 of file [YQInputField.cc](#).

3.37.3.5 `int YQInputField::preferredHeight ( ) [virtual]`

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 138 of file [YQInputField.cc](#).

**3.37.3.6** `int YQInputField::preferredWidth ( ) [virtual]`

Preferred width of the widget.

Reimplemented from YWidget.

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

**3.37.3.7** `void YQInputField::setEnabled ( bool enabled ) [virtual]`

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 119 of file [YQInputField.cc](#).

**3.37.3.8** `void YQInputField::setInputMaxLength ( int numberOfChars ) [virtual]`

Specify the amount of characters which can be inserted.

Reimplemented from YInputField.

Definition at line 197 of file [YQInputField.cc](#).

**3.37.3.9** `bool YQInputField::setKeyboardFocus ( ) [virtual]`

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 203 of file [YQInputField.cc](#).

**3.37.3.10** `void YQInputField::setLabel ( const std::string & label ) [virtual]`

Set the label (the caption above the input field).

Reimplemented from YInputField.

Definition at line 150 of file [YQInputField.cc](#).

**3.37.3.11** `void YQInputField::setSize ( int newWidth, int newHeight ) [virtual]`

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 144 of file [YQInputField.cc](#).

**3.37.3.12** `void YQInputField::setValidChars ( const std::string & validChars ) [virtual]`

Set the valid input characters. No input validation is performed (i.e., the user can enter anything) if this is empty.

Reimplemented from YInputField.



Definition at line 169 of file [YQInputField.cc](#).

**3.37.3.13** void YQInputField::setValue ( const std::string & text ) [virtual]

Set the current value (the text entered by the user or set from the outside) of this input field.

Reimplemented from YInputField.

Definition at line 103 of file [YQInputField.cc](#).

**3.37.3.14** string YQInputField::value ( ) [virtual]

Get the current value (the text entered by the user or set from the outside) of this input field.

Reimplemented from YInputField.

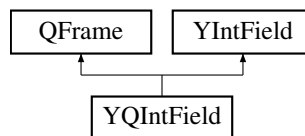
Definition at line 97 of file [YQInputField.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQInputField.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQInputField.cc

## 3.38 YQIntField Class Reference

Inheritance diagram for YQIntField:



### Signals

- void [valueChanged](#) (int newValue)

### Public Member Functions

- [YQIntField](#) (YWidget \*parent, const std::string &label, int minValue, int maxValue, int initialValue)
- virtual [~YQIntField](#) ()
- virtual int [value](#) ()
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

### Protected Slots

- void [valueChangedSlot](#) (int newValue)

### Protected Member Functions

- virtual void [setValueInternal](#) (int val)

### Protected Attributes

- [YQWidgetCaption](#) \* **\_caption**
- QSpinBox \* **\_qt\_spinBox**

## 3.38.1 Detailed Description

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

## 3.38.2 Constructor & Destructor Documentation

3.38.2.1 [YQIntField::YQIntField](#) ( *YWidget* \* *parent*, const std::string & *label*, int *minValue*, int *maxValue*, int *initialValue* )

Constructor.

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

3.38.2.2 [YQIntField::~YQIntField](#) ( ) [virtual]

Destructor.

Definition at line 78 of file [YQIntField.cc](#).

## 3.38.3 Member Function Documentation

3.38.3.1 [int YQIntField::preferredHeight](#) ( ) [virtual]

Preferred height of the widget.

Reimplemented from [YWidget](#).

Definition at line 133 of file [YQIntField.cc](#).

3.38.3.2 [int YQIntField::preferredWidth](#) ( ) [virtual]

Preferred width of the widget.

Reimplemented from [YWidget](#).

Definition at line 126 of file [YQIntField.cc](#).

**3.38.3.3 void YQIntField::setEnabled ( bool *enabled* ) [virtual]**

Sets the widget's enabled state.

Inherited from YWidget.

Definition at line 117 of file [YQIntField.cc](#).

**3.38.3.4 bool YQIntField::setKeyboardFocus ( ) [virtual]**

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 147 of file [YQIntField.cc](#).

**3.38.3.5 void YQIntField::setLabel ( const std::string & *label* ) [virtual]**

Set the label (the caption above the input field).

Reimplemented from YIntField.

Definition at line 109 of file [YQIntField.cc](#).

**3.38.3.6 void YQIntField::setSize ( int *newWidth*, int *newHeight* ) [virtual]**

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 140 of file [YQIntField.cc](#).

**3.38.3.7 void YQIntField::setValueInternal ( int *val* ) [protected], [virtual]**

Set the current value (the number entered by the user or set from the outside) of this IntField. 'val' is guaranteed to be between min**Value** and max**Value**; no further checks are required.

Implemented from YIntField.

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

**3.38.3.8 int YQIntField::value ( ) [virtual]**

Get the current value (the number entered by the user or set from the outside) of this IntField.

Implemented from YIntField.

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

**3.38.3.9 void YQIntField::valueChanged ( int *newValue* ) [signal]**

Emitted when the value changes (regardless of the notify flag).

3.38.3.10 void YQIntField::valueChangedSlot ( int *newValue* ) [protected], [slot]

Slot for "value changed". This will send a ValueChanged event if 'notify' is set.

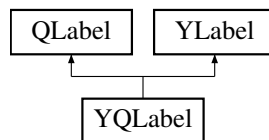
Definition at line 100 of file [YQIntField.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQIntField.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQIntField.cc

## 3.39 YQLabel Class Reference

Inheritance diagram for YQLabel:



### Public Member Functions

- [YQLabel](#) (YWidget \*parent, const std::string &text, bool isHeading=false, bool isOutputField=false)
- virtual [~YQLabel](#) ()
- virtual void [setText](#) (const std::string &newText)
- virtual void [setUseBoldFont](#) (bool bold)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)

### 3.39.1 Detailed Description

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

### 3.39.2 Constructor & Destructor Documentation

3.39.2.1 YQLabel::YQLabel ( YWidget \* *parent*, const std::string & *text*, bool *isHeading* = false, bool *isOutputField* = false )

Constructor.

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

3.39.2.2 YQLabel::~YQLabel ( ) [virtual]

Destructor.

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

### 3.39.3 Member Function Documentation

#### 3.39.3.1 `int YQLabel::preferredHeight ( ) [virtual]`

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 102 of file [YQLabel.cc](#).

#### 3.39.3.2 `int YQLabel::preferredWidth ( ) [virtual]`

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 96 of file [YQLabel.cc](#).

#### 3.39.3.3 `void YQLabel::setEnabled ( bool enabled ) [virtual]`

Set enabled / disabled state.

Reimplemented from YWidget.

Definition at line 89 of file [YQLabel.cc](#).

#### 3.39.3.4 `void YQLabel::setSize ( int newWidth, int newHeight ) [virtual]`

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 108 of file [YQLabel.cc](#).

#### 3.39.3.5 `void YQLabel::setText ( const std::string & newText ) [virtual]`

Set the text the widget displays.

Reimplemented from YLabel.

Definition at line 72 of file [YQLabel.cc](#).

#### 3.39.3.6 `void YQLabel::setUseBoldFont ( bool bold ) [virtual]`

Switch bold font on or off.

Reimplemented from YLabel.

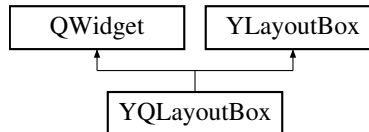
Definition at line 79 of file [YQLabel.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQLabel.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQLabel.cc](#)

### 3.40 YQLayoutBox Class Reference

Inheritance diagram for YQLayoutBox:



#### Public Member Functions

- [YQLayoutBox](#) (YWidget \*parent, YUIDimension dim)
- virtual [~YQLayoutBox](#) ()
- virtual void [setEnabled](#) (bool enabled)
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual void [moveChild](#) (YWidget \*child, int newX, int newY)

#### 3.40.1 Detailed Description

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

#### 3.40.2 Constructor & Destructor Documentation

##### 3.40.2.1 YQLayoutBox::YQLayoutBox ( YWidget \* *parent*, YUIDimension *dim* )

Constructor.

Creates a VBox for dim == YD\_VERT or a HBox for YD\_HORIZ.

Definition at line [31](#) of file [YQLayoutBox.cc](#).

##### 3.40.2.2 YQLayoutBox::~YQLayoutBox ( ) [virtual]

Destructor.

Definition at line [40](#) of file [YQLayoutBox.cc](#).

#### 3.40.3 Member Function Documentation

##### 3.40.3.1 void YQLayoutBox::moveChild ( YWidget \* *child*, int *newX*, int *newY* ) [virtual]

Move a child widget to a new position.

Reimplemented from YLayoutBox.

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

### 3.40.3.2 void YQLayoutBox::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

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

### 3.40.3.3 void YQLayoutBox::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

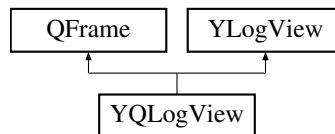
Definition at line 53 of file [YQLayoutBox.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQLayoutBox.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQLayoutBox.cc](#)

## 3.41 YQLogView Class Reference

Inheritance diagram for YQLogView:



### Public Member Functions

- [YQLogView](#) (YWidget \*parent, const std::string &label, int visibleLines, int maxLines)
- virtual [~YQLogView](#) ()
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

### Protected Member Functions

- virtual void [displayLogText](#) (const std::string &text)

### Protected Attributes

- [YQWidgetCaption](#) \* **\_caption**
- [MyTextEdit](#) \* **\_qt\_text**
- QString **\_lastText**

### 3.41.1 Detailed Description

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

### 3.41.2 Constructor & Destructor Documentation

#### 3.41.2.1 YQLogView::YQLogView ( YWidget \* *parent*, const std::string & *label*, int *visibleLines*, int *maxLines* )

Constructor

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

#### 3.41.2.2 YQLogView::~YQLogView ( ) [virtual]

Destructor.

Definition at line 74 of file [YQLogView.cc](#).

### 3.41.3 Member Function Documentation

#### 3.41.3.1 void YQLogView::displayLogText ( const std::string & *text* ) [protected], [virtual]

Display the part of the log text that should be displayed. 'text' contains the last 'visibleLines()' lines. This is called whenever the log text changes. Note that the text might also be empty, in which case the displayed log text should be cleared.

Implemented from YLogView.

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

#### 3.41.3.2 int YQLogView::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 141 of file [YQLogView.cc](#).

#### 3.41.3.3 int YQLogView::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 134 of file [YQLogView.cc](#).

#### 3.41.3.4 void YQLogView::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

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



3.41.3.5 `bool YQLogView::setKeyboardFocus ( )` [virtual]

Accept the keyboard focus.

Definition at line 176 of file [YQLogView.cc](#).

3.41.3.6 `void YQLogView::setLabel ( const std::string & label )` [virtual]

Set the label (the caption above the log text).

Reimplemented from YLogView.

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

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

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 169 of file [YQLogView.cc](#).

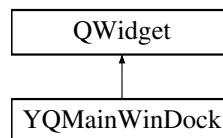
The documentation for this class was generated from the following files:

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQLogView.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQLogView.cc](#)

## 3.42 YQMainWinDock Class Reference

```
#include <YQMainWinDock.h>
```

Inheritance diagram for YQMainWinDock:



### Public Member Functions

- void [add](#) (YQDialog \*dialog)
- void [remove](#) (YQDialog \*dialog=0)
- YQDialog \* [topmostDialog](#) () const
- bool [couldDock](#) ()
- virtual void [show](#) ()
- virtual void [closeEvent](#) (QCloseEvent \*event)

### Static Public Member Functions

- static YQMainWinDock \* [mainWinDock](#) ()

## Protected Slots

- void [showCurrentDialog](#) ()

## Protected Member Functions

- [YQMainWinDock](#) ()
- virtual [~YQMainWinDock](#) ()
- virtual void [paintEvent](#) (QPaintEvent \*event)
- virtual void [resizeEvent](#) (QResizeEvent \*event)
- void [resizeVisibleChild](#) ()
- void [setSideBarWidth](#) (int width)
- void [activateCurrentDialog](#) (bool active)

## Friends

- class [YQWizard](#)

### 3.42.1 Detailed Description

Container window for YQDialogs of type YMainWindowDialog:

This widget "swallows" any main dialogs it gets so only the topmost of them is visible at any given time. It acts as a window stack for main dialogs, making the next lower dialog on the stack visible as when the (previously) topmost main dialog is closed.

This widget also handles its own visibility accordingly: It is visible if and only if it has a main dialog to display. It makes itself invisible when there is no more main dialog to display, and it makes itself visible again when a new main dialog appears.

This widget can swallow an arbitrary number of main dialogs as they are opened as long as there is no popup dialog in between.

Definition at line 51 of file [YQMainWinDock.h](#).

### 3.42.2 Constructor & Destructor Documentation

#### 3.42.2.1 [YQMainWinDock::YQMainWinDock](#) ( ) [protected]

Constructor.

Use the static [mainWinDock\(\)](#) method to access the singleton for this class.

Definition at line 50 of file [YQMainWinDock.cc](#).

#### 3.42.2.2 [YQMainWinDock::~~YQMainWinDock](#) ( ) [protected], [virtual]

Destructor.

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

### 3.42.3 Member Function Documentation

#### 3.42.3.1 void YQMainWinDock::activateCurrentDialog ( bool *active* ) [protected]

Activate or deactivate the next-lower dialog in the dock when a new dialog is opened or when a dialog is closed.

Definition at line 158 of file [YQMainWinDock.cc](#).

#### 3.42.3.2 void YQMainWinDock::add ( YQDialog \* *dialog* )

Add a dialog (the widgetRep() of a [YQDialog](#)) to the MainWinDock (on top of its widget stack. The widget stack does not assume ownership of the widget.

If the MainWinDock is not visible yet, this operation makes it visible.

Definition at line 135 of file [YQMainWinDock.cc](#).

#### 3.42.3.3 void YQMainWinDock::closeEvent ( QCloseEvent \* *event* ) [virtual]

Window manager close event (Alt-F4): Send a YCancelEvent and let the application handle that event.

Reimplemented from QWidget.

Definition at line 297 of file [YQMainWinDock.cc](#).

#### 3.42.3.4 bool YQMainWinDock::couldDock ( )

Return 'true' if the next main dialog could be docked, i.e., if there is either no open dialog at all or only main dialogs.

Definition at line 281 of file [YQMainWinDock.cc](#).

#### 3.42.3.5 YQMainWinDock \* YQMainWinDock::mainWinDock ( ) [static]

Static method to access the singleton for this class.

This creates the (one and only) instance of this class in the first call. Subsequent calls simply return this instance.

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

#### 3.42.3.6 void YQMainWinDock::paintEvent ( QPaintEvent \* *event* ) [protected],[virtual]

Paint event.

Reimplemented from QWidget.

Definition at line 310 of file [YQMainWinDock.cc](#).

#### 3.42.3.7 void YQMainWinDock::remove ( YQDialog \* *dialog* = 0 )

Remove a dialog from the MainWinDock (if it belongs to the MainWinDock). If dialog is 0, this removes the topmost dialog from the MainWinDock.

This can safely be called in the destructor of all dialogs, even those that were never added to the MainWinDock.

If that was the last main dialog in the MainWinDock, the MainWinDock will be hidden (until another main dialog is added).

Definition at line 208 of file [YQMainWinDock.cc](#).

**3.42.3.8** void YQMainWinDock::resizeEvent ( QResizeEvent \* *event* ) [protected],[virtual]

Resize event.

Reimplemented from QWidget.

Definition at line 75 of file [YQMainWinDock.cc](#).

**3.42.3.9** void YQMainWinDock::resizeVisibleChild ( ) [protected]

Resize the visible child to the current size of the dock.

Definition at line 86 of file [YQMainWinDock.cc](#).

**3.42.3.10** void YQMainWinDock::setSideBarWidth ( int *width* ) [protected]

For secondary wizards

Definition at line 317 of file [YQMainWinDock.cc](#).

**3.42.3.11** void YQMainWinDock::show ( ) [virtual]

Show the widget (make it visible).

Reimplemented from QWidget.

Definition at line 121 of file [YQMainWinDock.cc](#).

**3.42.3.12** void YQMainWinDock::showCurrentDialog ( ) [protected],[slot]

Show the current dialog.

Definition at line 195 of file [YQMainWinDock.cc](#).

**3.42.3.13** YQDialog \* YQMainWinDock::topmostDialog ( ) const

Return the current topmost dialog (the widgetRep() of a [YQDialog](#)) or 0 if there is none.

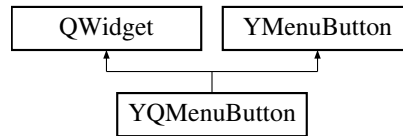
Definition at line 271 of file [YQMainWinDock.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMainWinDock.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMainWinDock.cc

## 3.43 YQMenuButton Class Reference

Inheritance diagram for YQMenuButton:



## Public Member Functions

- [YQMenuBar](#) (YWidget \*parent, const std::string &label)
- virtual [~YQMenuBar](#) ()
- virtual void [setLabel](#) (const std::string &label)
- virtual void [rebuildMenuTree](#) ()
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

## Protected Slots

- void [menuEntryActivated](#) (QAction \*menuItem)
- void [returnNow](#) ()

## Protected Member Functions

- void [rebuildMenuTree](#) (QMenu \*menu, YItemIterator begin, YItemIterator end)

## Protected Attributes

- YMenuItem \* **\_selectedItem**
- QPushButton \* **\_qt\_button**
- QHash< QAction \*, int > **\_serials**

### 3.43.1 Detailed Description

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

### 3.43.2 Constructor & Destructor Documentation

#### 3.43.2.1 YQMenuBar::YQMenuBar ( YWidget \* parent, const std::string & label )

Constructor.

Definition at line 40 of file [YQMenuBar.cc](#).

#### 3.43.2.2 YQMenuButton::~~YQMenuButton ( ) [virtual]

Destructor.

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

### 3.43.3 Member Function Documentation

#### 3.43.3.1 void YQMenuButton::menuEntryActivated ( QAction \* *menuItem* ) [protected], [slot]

Triggered when any menu item is activated.

Definition at line 151 of file [YQMenuButton.cc](#).

#### 3.43.3.2 int YQMenuButton::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 208 of file [YQMenuButton.cc](#).

#### 3.43.3.3 int YQMenuButton::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 202 of file [YQMenuButton.cc](#).

#### 3.43.3.4 void YQMenuButton::rebuildMenuTree ( ) [virtual]

Rebuild the displayed menu tree from the internally stored YMenuItems.

Implemented from YMenuButton.

Definition at line 70 of file [YQMenuButton.cc](#).

#### 3.43.3.5 void YQMenuButton::rebuildMenuTree ( QMenu \* *menu*, YItemIterator *begin*, YItemIterator *end* ) [protected]

Recursively insert menu items into 'menu' from iterator 'begin' to iterator 'end'.

Definition at line 101 of file [YQMenuButton.cc](#).

#### 3.43.3.6 void YQMenuButton::returnNow ( ) [protected], [slot]

Triggered via [menuEntryActivated\(\)](#) by zero timer to get back in sync with the Qt event loop.

Definition at line 183 of file [YQMenuButton.cc](#).

#### 3.43.3.7 void YQMenuButton::setEnabled ( bool *enabled* ) [virtual]

Set enabled / disabled state.

Reimplemented from YWidget.

Definition at line 195 of file [YQMenuButton.cc](#).

**3.43.3.8** `bool YQMenuButton::setKeyboardFocus ( ) [virtual]`

Accept the keyboard focus.

Definition at line 224 of file [YQMenuButton.cc](#).

**3.43.3.9** `void YQMenuButton::setLabel ( const std::string & label ) [virtual]`

Change the label on the button.

Reimplemented from YMenuButton / YSelectionWidget.

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

**3.43.3.10** `void YQMenuButton::setSize ( int newWidth, int newHeight ) [virtual]`

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 215 of file [YQMenuButton.cc](#).

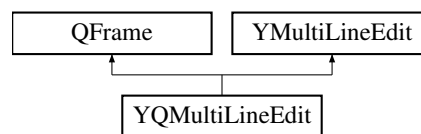
The documentation for this class was generated from the following files:

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMenuButton.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMenuButton.cc](#)

## 3.44 YQMultiLineEdit Class Reference

```
#include <YQMultiLineEdit.h>
```

Inheritance diagram for YQMultiLineEdit:



### Public Member Functions

- [YQMultiLineEdit](#) (YWidget \*parent, const std::string &label)
- virtual [~YQMultiLineEdit](#) ()
- virtual std::string [value](#) ()
- virtual void [setValue](#) (const std::string &text)
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setInputMaxLength](#) (int numberOfChars)
- virtual void [setEnabled](#) (bool enabled)

- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

### Protected Slots

- void [changed](#) ()
- void [enforceMaxInputLength](#) ()

### Protected Attributes

- [YQWidgetCaption](#) \* [\\_caption](#)
- [QTextEdit](#) \* [\\_qt\\_textEdit](#)

## 3.44.1 Detailed Description

MultiLineEdit - an input area for multi-line text.

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

## 3.44.2 Constructor & Destructor Documentation

### 3.44.2.1 YQMultiLineEdit::YQMultiLineEdit ( YQWidget \* *parent*, const std::string & *label* )

Constructor.

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

### 3.44.2.2 YQMultiLineEdit::~YQMultiLineEdit ( ) [virtual]

Destructor.

Definition at line 71 of file [YQMultiLineEdit.cc](#).

## 3.44.3 Member Function Documentation

### 3.44.3.1 void YQMultiLineEdit::changed ( ) [protected], [slot]

Triggered when the text changes.

Definition at line 119 of file [YQMultiLineEdit.cc](#).

### 3.44.3.2 void YQMultiLineEdit::enforceMaxInputLength ( ) [protected], [slot]

Enforce the maximum input length: If the text becomes too long, remove the just-entered character at the current cursor position.

Note that this is a lot more user friendly than silently truncating at the end of the text: In the latter case, chances are that the user never gets to know that text was truncated. Removing the just-typed character OTOH is something he will notice very quickly.



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

**3.44.3.3** `int YQMultiLineEdit::preferredHeight ( ) [virtual]`

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 142 of file [YQMultiLineEdit.cc](#).

**3.44.3.4** `int YQMultiLineEdit::preferredWidth ( ) [virtual]`

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 136 of file [YQMultiLineEdit.cc](#).

**3.44.3.5** `void YQMultiLineEdit::setEnabled ( bool enabled ) [virtual]`

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 128 of file [YQMultiLineEdit.cc](#).

**3.44.3.6** `void YQMultiLineEdit::setInputMaxLength ( int numberOfChars ) [virtual]`

Set the maximum input length, i.e., the maximum number of characters the user can enter. -1 means no limit.

Reimplemented from YMultiLineEdit.

Definition at line 98 of file [YQMultiLineEdit.cc](#).

**3.44.3.7** `bool YQMultiLineEdit::setKeyboardFocus ( ) [virtual]`

Accept the keyboard focus.

Definition at line 160 of file [YQMultiLineEdit.cc](#).

**3.44.3.8** `void YQMultiLineEdit::setLabel ( const std::string & label ) [virtual]`

Set the label (the caption above the MultiLineEdit).

Reimplemented from YMultiLineEdit.

Definition at line 91 of file [YQMultiLineEdit.cc](#).

**3.44.3.9** `void YQMultiLineEdit::setSize ( int newWidth, int newHeight ) [virtual]`

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 154 of file [YQMultiLineEdit.cc](#).

#### 3.44.3.10 void YQMultiLineEdit::setValue ( const std::string & text ) [virtual]

Set the current value (the text entered by the user or set from the outside) of this MultiLineEdit.

Implemented from YMultiLineEdit.

Definition at line 83 of file [YQMultiLineEdit.cc](#).

#### 3.44.3.11 string YQMultiLineEdit::value ( ) [virtual]

Get the current value (the text entered by the user or set from the outside) of this MultiLineEdit.

Implemented from YMultiLineEdit.

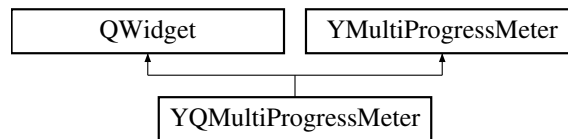
Definition at line 77 of file [YQMultiLineEdit.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMultiLineEdit.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMultiLineEdit.cc

## 3.45 YQMultiProgressMeter Class Reference

Inheritance diagram for YQMultiProgressMeter:



### Public Member Functions

- [YQMultiProgressMeter](#) (YWidget \*parent, YUIDimension dim, const vector< float > &maxValues)
- virtual [~YQMultiProgressMeter](#) ()
- int [thickness](#) ()
- int [length](#) ()
- int [margin](#) () const
- void [setMargin](#) (int value)
- int [spacing](#) () const
- void [setSpacing](#) (int value)
- int [segmentMinLength](#) () const
- void [setSegmentMinLength](#) (int val)
- int [triThickness](#) () const
- void [setTriThickness](#) (int value)
- int [triSpacing](#) () const
- void [setTriSpacing](#) (int value)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)

## Protected Member Functions

- void `init` ()
- virtual void `doUpdate` ()
- virtual void `paintEvent` (QPaintEvent \*)
- void `drawSegment` (int segment, QPainter &painter, int offset, int `length`, int `thickness`)
- void `drawMarkers` (QPainter &painter, int offset, int `thickness`)

### 3.45.1 Detailed Description

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

### 3.45.2 Constructor & Destructor Documentation

**3.45.2.1** `YQMultiProgressMeter::YQMultiProgressMeter ( YWidget * parent, YUIDimension dim, const vector< float > & maxValues )`

Constructor.

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

**3.45.2.2** `YQMultiProgressMeter::~~YQMultiProgressMeter ( )` [virtual]

Destructor.

Definition at line 50 of file [YQMultiProgressMeter.cc](#).

### 3.45.3 Member Function Documentation

**3.45.3.1** `void YQMultiProgressMeter::doUpdate ( )` [protected], [virtual]

Perform a visual update on the screen. Reimplemented from YMultiProgressMeter.

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

**3.45.3.2** `void YQMultiProgressMeter::drawMarkers ( QPainter & painter, int offset, int thickness )` [protected]

Draw markers between segments (or beside that spacing).

Definition at line 246 of file [YQMultiProgressMeter.cc](#).

**3.45.3.3** `void YQMultiProgressMeter::drawSegment ( int segment, QPainter & painter, int offset, int length, int thickness )` [protected]

Draw segment number 'segment' with pixel length 'length' from pixel coordinate 'offset' on and fill it according to that segment's current value. 'painter' is set up previously to take rotating into account (horizontal / vertical).

Definition at line 186 of file [YQMultiProgressMeter.cc](#).

#### 3.45.3.4 void YQMultiProgressMeter::init ( ) [protected]

Common initialization

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

#### 3.45.3.5 int YQMultiProgressMeter::length ( )

Overall length (in pixels) of the MultiProgressMeter.

Definition at line 298 of file [YQMultiProgressMeter.cc](#).

#### 3.45.3.6 int YQMultiProgressMeter::margin ( ) const [inline]

Returns the margin around the widget contents.

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

#### 3.45.3.7 void YQMultiProgressMeter::paintEvent ( QPaintEvent \* event ) [protected],[virtual]

Paint the widget's contents. Reimplemented from QWidget.

Definition at line 72 of file [YQMultiProgressMeter.cc](#).

#### 3.45.3.8 int YQMultiProgressMeter::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from QWidget.

Definition at line 329 of file [YQMultiProgressMeter.cc](#).

#### 3.45.3.9 int YQMultiProgressMeter::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from QWidget.

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

#### 3.45.3.10 int YQMultiProgressMeter::segmentMinLength ( ) const [inline]

Returns the minimal length of a segment in pixels.

Definition at line 94 of file [YQMultiProgressMeter.h](#).

#### 3.45.3.11 void YQMultiProgressMeter::setEnabled ( bool enabled ) [virtual]

Set enabled/disabled state.

Reimplemented from QWidget.

Definition at line 315 of file [YQMultiProgressMeter.cc](#).

**3.45.3.12** void YQMultiProgressMeter::setMargin ( int *value* ) [inline]

Sets the margin around the widget contents. Does not trigger an update.

Definition at line 78 of file [YQMultiProgressMeter.h](#).

**3.45.3.13** void YQMultiProgressMeter::setSegmentMinLength ( int *val* ) [inline]

Set the minimal length of a segment in pixels.

Definition at line 99 of file [YQMultiProgressMeter.h](#).

**3.45.3.14** void YQMultiProgressMeter::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 335 of file [YQMultiProgressMeter.cc](#).

**3.45.3.15** void YQMultiProgressMeter::setSpacing ( int *value* ) [inline]

Sets the spacing between segments in pixels. Does not trigger an update.

Definition at line 89 of file [YQMultiProgressMeter.h](#).

**3.45.3.16** void YQMultiProgressMeter::setTriSpacing ( int *value* ) [inline]

Sets the spacing between the segment indicators and the small triangles next to the spacing between segments.

Definition at line 131 of file [YQMultiProgressMeter.h](#).

**3.45.3.17** void YQMultiProgressMeter::setTriThickness ( int *value* )

Set the thickness (base to point) of the small triangles next to the spacing between individual segments. The base length of those small triangles is double this value minus one.

Use -1 to switch off those triangles - in which case triSpacing (see below) will be set to 0.

This call does not trigger a screen update.

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

**3.45.3.18** int YQMultiProgressMeter::spacing ( ) const [inline]

Returns the spacing between segments in pixels.

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

**3.45.3.19** int YQMultiProgressMeter::thickness ( )

Overall thickness (in pixels) of the MultiProgressMeter.

Definition at line 286 of file [YQMultiProgressMeter.cc](#).

### 3.45.3.20 int YQMultiProgressMeter::triSpacing ( ) const [inline]

Returns the spacing between the segment indicators and the small triangles next to the spacing between segments.

Definition at line 125 of file [YQMultiProgressMeter.h](#).

### 3.45.3.21 int YQMultiProgressMeter::triThickness ( ) const [inline]

Returns the thickness (base to point) of the small triangles next to the spacing between individual segments. The base length of those small triangles is double this value minus one. A value <1 indicates no such triangles will be drawn.

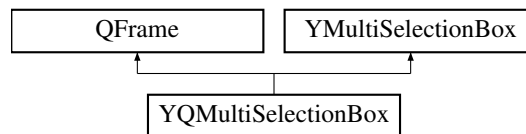
Definition at line 107 of file [YQMultiProgressMeter.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMultiProgressMeter.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMultiProgressMeter.cc

## 3.46 YQMultiSelectionBox Class Reference

Inheritance diagram for YQMultiSelectionBox:



### Signals

- void [valueChanged](#) ( )

### Public Member Functions

- [YQMultiSelectionBox](#) (YWidget \*parent, const std::string &label)
- [~YQMultiSelectionBox](#) ( )
- virtual void [setLabel](#) (const std::string &label)
- virtual void [addItem](#) (YItem \*item)
- virtual void [selectItem](#) (YItem \*item, bool selected=true)
- virtual void [deselectAllItems](#) ( )
- virtual void [deleteAllItems](#) ( )
- virtual YItem \* [currentItem](#) ( )
- virtual void [setCurrentItem](#) (YItem \*item)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ( )
- virtual int [preferredHeight](#) ( )
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ( )

### Protected Slots

- void [slotSelected](#) ()
- void [slotValueChanged](#) ()
- void [slotItemChanged](#) (QTreeWidgetItem \*, int)

### Protected Member Functions

- [YQMultiSelectionBoxItem](#) \* [findItem](#) (YItem \*item)

### Protected Attributes

- [YQWidgetCaption](#) \* [\\_caption](#)
- QTreeWidgetItem \* [\\_qt\\_listView](#)

## 3.46.1 Detailed Description

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

## 3.46.2 Constructor & Destructor Documentation

### 3.46.2.1 YQMultiSelectionBox::YQMultiSelectionBox ( YWidget \* *parent*, const std::string & *label* )

Constructor.

Definition at line 47 of file [YQMultiSelectionBox.cc](#).

### 3.46.2.2 YQMultiSelectionBox::~YQMultiSelectionBox ( )

Destructor.

Definition at line 89 of file [YQMultiSelectionBox.cc](#).

## 3.46.3 Member Function Documentation

### 3.46.3.1 void YQMultiSelectionBox::addItem ( YItem \* *item* ) [virtual]

Add an item.

Reimplemented from YSelectionWidget.

Definition at line 104 of file [YQMultiSelectionBox.cc](#).

### 3.46.3.2 YItem \* YQMultiSelectionBox::currentItem ( ) [virtual]

Return the the item that currently has the keyboard focus or 0 if no item currently has the keyboard focus.

Reimplemented from YMultiSelectionBox.

Definition at line 165 of file [YQMultiSelectionBox.cc](#).

### 3.46.3.3 void YQMultiSelectionBox::deleteAllItems ( ) [virtual]

Delete all items.

Reimplemented from YSelectionWidget.

Definition at line 155 of file [YQMultiSelectionBox.cc](#).

### 3.46.3.4 void YQMultiSelectionBox::deselectAllItems ( ) [virtual]

Deselect all items.

Reimplemented from YSelectionWidget.

Definition at line 135 of file [YQMultiSelectionBox.cc](#).

### 3.46.3.5 YQMultiSelectionBoxItem \* YQMultiSelectionBox::findItem ( YItem \* *item* ) [protected]

Find the counterpart of 'item'. Return 0 if there is none.

Definition at line 310 of file [YQMultiSelectionBox.cc](#).

### 3.46.3.6 int YQMultiSelectionBox::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 250 of file [YQMultiSelectionBox.cc](#).

### 3.46.3.7 int YQMultiSelectionBox::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 241 of file [YQMultiSelectionBox.cc](#).

### 3.46.3.8 void YQMultiSelectionBox::selectItem ( YItem \* *item*, bool *selected* = true ) [virtual]

Select or deselect an item.

Reimplemented from YSelectionWidget.

Definition at line 124 of file [YQMultiSelectionBox.cc](#).

### 3.46.3.9 void YQMultiSelectionBox::setCurrentItem ( YItem \* *item* ) [virtual]

Set the keyboard focus to the specified item. 0 means clear the keyboard focus.

Reimplemented from YMultiSelectionBox.

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



3.46.3.10 void YQMultiSelectionBox::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 232 of file [YQMultiSelectionBox.cc](#).

3.46.3.11 bool YQMultiSelectionBox::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

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

3.46.3.12 void YQMultiSelectionBox::setLabel ( const std::string & *label* ) [virtual]

Change the label text.

Reimplemented from YSelectionWidget.

Definition at line 96 of file [YQMultiSelectionBox.cc](#).

3.46.3.13 void YQMultiSelectionBox::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 262 of file [YQMultiSelectionBox.cc](#).

3.46.3.14 void YQMultiSelectionBox::slotSelected ( ) [protected],[slot]

Send SelectionChanged event if `opt` (notify) is set.

Definition at line 278 of file [YQMultiSelectionBox.cc](#).

3.46.3.15 void YQMultiSelectionBox::slotValueChanged ( ) [protected],[slot]

Send ValueChanged event if `opt` (notify) is set.

Definition at line 293 of file [YQMultiSelectionBox.cc](#).

3.46.3.16 void YQMultiSelectionBox::valueChanged ( ) [signal]

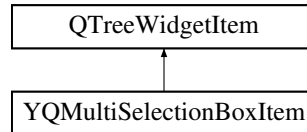
Emitted upon when an item changes its state.

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMultiSelectionBox.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMultiSelectionBox.cc](#)

### 3.47 YQMultiSelectionBoxItem Class Reference

Inheritance diagram for YQMultiSelectionBoxItem:



#### Public Member Functions

- [YQMultiSelectionBoxItem](#) ([YQMultiSelectionBox](#) \*parent, [QTreeWidgetItem](#) \*listView, [YItem](#) \*yItem)
- virtual [~YQMultiSelectionBoxItem](#) ()
- [YItem](#) \* [yItem](#) () const

#### Protected Attributes

- [YItem](#) \* [\\_yItem](#)
- int [\\_serial](#)
- [YQMultiSelectionBox](#) \* [\\_multiSelectionBox](#)

#### Static Protected Attributes

- static int [\\_item\\_count](#) = 0

#### 3.47.1 Detailed Description

Definition at line 173 of file [YQMultiSelectionBox.h](#).

#### 3.47.2 Constructor & Destructor Documentation

3.47.2.1 [YQMultiSelectionBoxItem::YQMultiSelectionBoxItem](#) ( [YQMultiSelectionBox](#) \* *parent*, [QTreeWidgetItem](#) \* *listView*, [YItem](#) \* *yItem* )

Constructor.

Definition at line 333 of file [YQMultiSelectionBox.cc](#).

3.47.2.2 [virtual YQMultiSelectionBoxItem::~~YQMultiSelectionBoxItem](#) ( ) [\[inline\]](#), [\[virtual\]](#)

Destructor.

Definition at line 186 of file [YQMultiSelectionBox.h](#).

### 3.47.3 Member Function Documentation

#### 3.47.3.1 YItem\* YQMultiSelectionBoxItem::yltem ( ) const [inline]

Return the corresponding YItem.

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

### 3.47.4 Member Data Documentation

#### 3.47.4.1 int YQMultiSelectionBoxItem::\_item\_count = 0 [static], [protected]

The next serial number to use

Definition at line 208 of file [YQMultiSelectionBox.h](#).

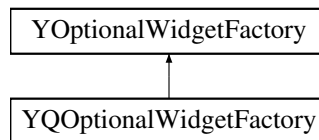
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMultiSelectionBox.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQMultiSelectionBox.cc

## 3.48 YQOptionalWidgetFactory Class Reference

```
#include <YQOptionalWidgetFactory.h>
```

Inheritance diagram for YQOptionalWidgetFactory:



### Public Member Functions

- virtual bool **hasWizard** ()
- virtual YWizard \* **createWizard** (YWidget \*parent, const std::string &backButtonLabel, const std::string &abortButtonLabel, const std::string &nextButtonLabel, YWizardMode wizardMode=YWizardMode\_Standard)
- virtual bool **hasDumbTab** ()
- virtual [YQDumbTab](#) \* **createDumbTab** (YWidget \*parent)
- virtual bool **hasSlider** ()
- virtual [YQSlider](#) \* **createSlider** (YWidget \*parent, const std::string &label, int minVal, int maxVal, int initialVal)
- virtual bool **hasDateField** ()
- virtual [YQDateField](#) \* **createDateField** (YWidget \*parent, const std::string &label)
- virtual bool **hasTimeField** ()
- virtual [YQTimeField](#) \* **createTimeField** (YWidget \*parent, const std::string &label)
- virtual bool **hasBarGraph** ()
- virtual [YQBarGraph](#) \* **createBarGraph** (YWidget \*parent)
- virtual bool **hasPatternSelector** ()
- virtual YWidget \* **createPatternSelector** (YWidget \*parent, long modeFlags=0)
- virtual bool **hasSimplePatchSelector** ()

- virtual YWidget \* **createSimplePatchSelector** (YWidget \*parent, long modeFlags=0)
- virtual bool **hasMultiProgressMeter** ()
- virtual [YQMultiProgressMeter](#) \* **createMultiProgressMeter** (YWidget \*parent, YUIDimension dim, const vector< float > &maxValues)
- virtual bool **hasPartitionSplitter** ()
- virtual [YQPartitionSplitter](#) \* **createPartitionSplitter** (YWidget \*parent, int usedSize, int totalFreeSize, int newPartSize, int minNewPartSize, int minFreeSize, const std::string &usedLabel, const std::string &freeLabel, const std::string &newPartLabel, const std::string &freeFieldLabel, const std::string &newPartFieldLabel)
- virtual bool **hasDownloadProgress** ()
- virtual [YQDownloadProgress](#) \* **createDownloadProgress** (YWidget \*parent, const std::string &label, const std::string &filename, YFileSize\_t expectedFileSize)
- virtual bool **hasTimezoneSelector** ()
- virtual YTimezoneSelector \* **createTimezoneSelector** (YWidget \*parent, const std::string &pixmap, const map< string, string > &timezones)
- virtual bool **hasGraph** ()
- virtual YGraph \* **createGraph** (YWidget \*parent, const std::string &filename, const std::string &layoutAlgorithm)
- virtual YGraph \* **createGraph** (YWidget \*parent, void \*graph)
- virtual bool **hasContextMenu** ()

### Protected Member Functions

- [YQOptionalWidgetFactory](#) ()
- virtual [~YQOptionalWidgetFactory](#) ()

### Friends

- class **YQUI**

### 3.48.1 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 54 of file [YQOptionalWidgetFactory.h](#).

### 3.48.2 Constructor & Destructor Documentation

#### 3.48.2.1 [YQOptionalWidgetFactory::YQOptionalWidgetFactory](#) ( ) [protected]

Constructor.

Use [YUI::optionalWidgetFactory\(\)](#) to get the singleton for this class.

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

### 3.48.2.2 YQOptionalWidgetFactory::~YQOptionalWidgetFactory ( ) [protected], [virtual]

Destructor.

Definition at line 45 of file [YQOptionalWidgetFactory.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQOptionalWidgetFactory.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQOptionalWidgetFactory.cc

## 3.49 YQPackageSelectorPluginIf Class Reference

### Public Member Functions

- virtual YPackageSelector \* **createPackageSelector** (YWidget \*parent, long modeFlags)=0
- virtual YWidget \* **createPatternSelector** (YWidget \*parent, long modeFlags)=0
- virtual YWidget \* **createSimplePatchSelector** (YWidget \*parent, long modeFlags)=0

### 3.49.1 Detailed Description

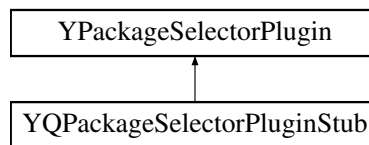
Definition at line 33 of file [YQPackageSelectorPluginIf.h](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQPackageSelectorPluginIf.h

## 3.50 YQPackageSelectorPluginStub Class Reference

Inheritance diagram for YQPackageSelectorPluginStub:



### Public Member Functions

- [YQPackageSelectorPluginStub](#) ( )
- virtual [~YQPackageSelectorPluginStub](#) ( )
- virtual YPackageSelector \* [createPackageSelector](#) (YWidget \*parent, long modeFlags)
- virtual YWidget \* [createPatternSelector](#) (YWidget \*parent, long modeFlags)
- virtual YWidget \* [createSimplePatchSelector](#) (YWidget \*parent, long modeFlags)

### Public Attributes

- [YQPackageSelectorPluginIf](#) \* **impl**

### 3.50.1 Detailed Description

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

### 3.50.2 Constructor & Destructor Documentation

#### 3.50.2.1 YQPackageSelectorPluginStub::YQPackageSelectorPluginStub ( )

Constructor: Load the plugin library for the package selector.

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

#### 3.50.2.2 YQPackageSelectorPluginStub::~~YQPackageSelectorPluginStub ( ) [virtual]

Destructor.

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

### 3.50.3 Member Function Documentation

#### 3.50.3.1 YPackageSelector \* YQPackageSelectorPluginStub::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 61 of file [YQPackageSelectorPluginStub.cc](#).

#### 3.50.3.2 YWidget \* YQPackageSelectorPluginStub::createPatternSelector ( YWidget \* *parent*, long *modeFlags* ) [virtual]

Create a pattern selector (optional widget).

Definition at line 71 of file [YQPackageSelectorPluginStub.cc](#).

#### 3.50.3.3 YWidget \* YQPackageSelectorPluginStub::createSimplePatchSelector ( YWidget \* *parent*, long *modeFlags* ) [virtual]

Create a simple patch selector (optional widget).

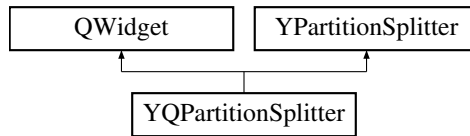
Definition at line 81 of file [YQPackageSelectorPluginStub.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQPackageSelectorPluginStub.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQPackageSelectorPluginStub.cc

## 3.51 YQPartitionSplitter Class Reference

Inheritance diagram for YQPartitionSplitter:



## Public Slots

- void [setFreeSizeSlot](#) (int newFreeSize)
- void [setNewPartSizeSlot](#) (int newNewSize)

## Public Member Functions

- [YQPartitionSplitter](#) (YWidget \*parent, int usedSize, int freeSize, int newPartSize, int minNewPartSize, int minFreeSize, const std::string &usedLabel, const std::string &freeLabel, const std::string &newPartLabel, const std::string &freeFieldLabel, const std::string &newPartFieldLabel)
- [~YQPartitionSplitter](#) ()
- virtual int [value](#) ()
- virtual void [setValue](#) (int newValue)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

## Protected Types

- enum { **usedSegment** = 0, **freeSegment** = 1, **newPartSegment** = 2 }

## Protected Attributes

- YLayoutBox \* **\_vbox**
- [YQBarGraph](#) \* **\_barGraph**
- YLayoutBox \* **\_hbox**
- [YQSlider](#) \* **\_freeSizeSlider**
- [YQIntField](#) \* **\_newPartField**

### 3.51.1 Detailed Description

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

### 3.51.2 Constructor & Destructor Documentation

- 3.51.2.1 [YQPartitionSplitter::YQPartitionSplitter](#) ( YWidget \* *parent*, int *usedSize*, int *freeSize*, int *newPartSize*, int *minNewPartSize*, int *minFreeSize*, const std::string & *usedLabel*, const std::string & *freeLabel*, const std::string & *newPartLabel*, const std::string & *freeFieldLabel*, const std::string & *newPartFieldLabel* )

Constructor.

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

#### 3.51.2.2 YQPartitionSplitter::~YQPartitionSplitter ( )

Destructor.

Definition at line 117 of file [YQPartitionSplitter.cc](#).

### 3.51.3 Member Function Documentation

#### 3.51.3.1 int YQPartitionSplitter::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 138 of file [YQPartitionSplitter.cc](#).

#### 3.51.3.2 int YQPartitionSplitter::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 132 of file [YQPartitionSplitter.cc](#).

#### 3.51.3.3 void YQPartitionSplitter::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 123 of file [YQPartitionSplitter.cc](#).

#### 3.51.3.4 void YQPartitionSplitter::setFreeSizeSlot ( int *newFreeSize* ) [slot]

Slot for setting the free size.

Definition at line 182 of file [YQPartitionSplitter.cc](#).

#### 3.51.3.5 bool YQPartitionSplitter::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

Definition at line 202 of file [YQPartitionSplitter.cc](#).

#### 3.51.3.6 void YQPartitionSplitter::setNewPartSizeSlot ( int *newNewSize* ) [slot]

Slot for setting the new size.

Definition at line 193 of file [YQPartitionSplitter.cc](#).



**3.51.3.7** `void YQPartitionSplitter::setSize ( int newWidth, int newHeight )` [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 144 of file [YQPartitionSplitter.cc](#).

**3.51.3.8** `void YQPartitionSplitter::setValue ( int newValue )` [virtual]

Set the value (the size of the new partition).

Implemented from YPartitionSplitter.

Definition at line 159 of file [YQPartitionSplitter.cc](#).

**3.51.3.9** `int YQPartitionSplitter::value ( )` [virtual]

Return the value (the size of the new partition).

Implemented from YPartitionSplitter.

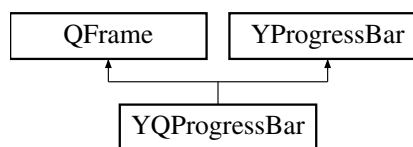
Definition at line 151 of file [YQPartitionSplitter.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQPartitionSplitter.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQPartitionSplitter.cc](#)

## 3.52 YQProgressBar Class Reference

Inheritance diagram for YQProgressBar:



### Public Member Functions

- [YQProgressBar](#) (YWidget \*parent, const std::string &label, int maxValue=100)
- virtual [~YQProgressBar](#) ()
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setValue](#) (int newValue)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

## Protected Attributes

- [YQWidgetCaption](#) \* **\_caption**
- [QProgressBar](#) \* **\_qt\_progressbar**

### 3.52.1 Detailed Description

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

### 3.52.2 Constructor & Destructor Documentation

#### 3.52.2.1 `YQProgressBar::YQProgressBar ( YQWidget * parent, const std::string & label, int maxValue = 100 )`

Constructor.

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

#### 3.52.2.2 `YQProgressBar::~YQProgressBar ( )` [virtual]

Destructor.

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

### 3.52.3 Member Function Documentation

#### 3.52.3.1 `int YQProgressBar::preferredHeight ( )` [virtual]

Preferred height of the widget.

Reimplemented from [YQWidget](#).

Definition at line 106 of file [YQProgressBar.cc](#).

#### 3.52.3.2 `int YQProgressBar::preferredWidth ( )` [virtual]

Preferred width of the widget.

Reimplemented from [YQWidget](#).

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

#### 3.52.3.3 `void YQProgressBar::setEnabled ( bool enabled )` [virtual]

Set enabled/disabled state.

Reimplemented from [YQWidget](#).

Definition at line 89 of file [YQProgressBar.cc](#).

#### 3.52.3.4 `bool YQProgressBar::setKeyboardFocus ( )` [virtual]

Accept the keyboard focus.

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

**3.52.3.5** void YQProgressBar::setLabel ( const std::string & *label* ) [virtual]

Set the label (the caption above the progress bar).

Reimplemented from YProgressBar.

Definition at line 74 of file [YQProgressBar.cc](#).

**3.52.3.6** void YQProgressBar::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

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

**3.52.3.7** void YQProgressBar::setValue ( int *newValue* ) [virtual]

Set the current progress value ( <= maxValue() ).

Reimplemented from YProgressBar.

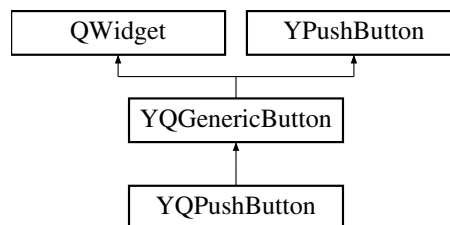
Definition at line 81 of file [YQProgressBar.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQProgressBar.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQProgressBar.cc

## 3.53 YQPushButton Class Reference

Inheritance diagram for YQPushButton:



### Public Slots

- void [hit](#) ()

### Public Member Functions

- [YQPushButton](#) (YWidget \*parent, const std::string &label)
- virtual [~YQPushButton](#) ()

- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)

## Additional Inherited Members

### 3.53.1 Detailed Description

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

### 3.53.2 Constructor & Destructor Documentation

#### 3.53.2.1 YQPushButton::YQPushButton ( YWidget \* *parent*, const std::string & *label* )

Constructor.

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

#### 3.53.2.2 YQPushButton::~YQPushButton ( ) [virtual]

Destructor.

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

### 3.53.3 Member Function Documentation

#### 3.53.3.1 void YQPushButton::hit ( ) [slot]

Triggered when the button is activated (clicked or via keyboard). Notifies the the ui about this.

Definition at line [83](#) of file [YQPushButton.cc](#).

#### 3.53.3.2 int YQPushButton::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line [69](#) of file [YQPushButton.cc](#).

#### 3.53.3.3 int YQPushButton::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line [63](#) of file [YQPushButton.cc](#).

#### 3.53.3.4 void YQPushButton::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

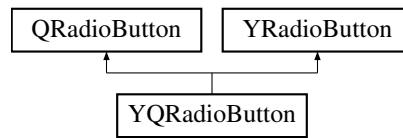
Definition at line 75 of file [YQPushButton.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQPushButton.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQPushButton.cc](#)

## 3.54 YQRadioButton Class Reference

Inheritance diagram for YQRadioButton:



### Public Member Functions

- [YQRadioButton](#) (YWidget \*parent, const std::string &label, bool checked)
- virtual bool [value](#) ()
- virtual void [setValue](#) (bool checked)
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setUseBoldFont](#) (bool bold=true)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

### Protected Slots

- void [changed](#) (bool newState)
- bool [eventFilter](#) (QObject \*obj, QEvent \*event)

### 3.54.1 Detailed Description

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

### 3.54.2 Constructor & Destructor Documentation

#### 3.54.2.1 YQRadioButton::YQRadioButton ( YWidget \* parent, const std::string & label, bool checked )

Constructor.

Definition at line 51 of file [YQRadioButton.cc](#).

### 3.54.3 Member Function Documentation

**3.54.3.1** `void YQRadioButton::changed ( bool newState )` [protected],[slot]

Triggered when the RadioButton is toggled.

Definition at line 148 of file [YQRadioButton.cc](#).

**3.54.3.2** `bool YQRadioButton::eventFilter ( QObject * obj, QEvent * event )` [protected],[slot]

Redirect events to this object.

Definition at line 169 of file [YQRadioButton.cc](#).

**3.54.3.3** `int YQRadioButton::preferredHeight ( )` [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 91 of file [YQRadioButton.cc](#).

**3.54.3.4** `int YQRadioButton::preferredWidth ( )` [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

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

**3.54.3.5** `void YQRadioButton::setEnabled ( bool enabled )` [virtual]

Set enabled / disabled state.

Reimplemented from YWidget.

Definition at line 133 of file [YQRadioButton.cc](#).

**3.54.3.6** `bool YQRadioButton::setKeyboardFocus ( )` [virtual]

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 140 of file [YQRadioButton.cc](#).

**3.54.3.7** `void YQRadioButton::setLabel ( const std::string & label )` [virtual]

Change the label (the text) on the RadioButton.

Reimplemented from YRadioButton.

Definition at line 126 of file [YQRadioButton.cc](#).

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

Set the new size of the widget.

Reimplemented from YWidget.

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

3.54.3.9 `void YQRadioButton::setUseBoldFont ( bool bold = true )` [virtual]

Use a bold font.

Reimplemented from YRadioButton.

Definition at line 75 of file [YQRadioButton.cc](#).

3.54.3.10 `void YQRadioButton::setValue ( bool checked )` [virtual]

Set the "checked" state of the RadioButton.

Reimplemented from YRadioButton.

Definition at line 109 of file [YQRadioButton.cc](#).

3.54.3.11 `bool YQRadioButton::value ( )` [virtual]

Return the "checked" state of the RadioButton.

Reimplemented from YRadioButton.

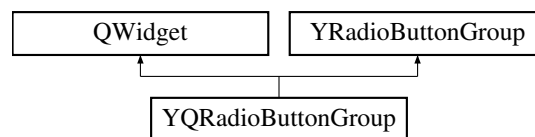
Definition at line 103 of file [YQRadioButton.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQRadioButton.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQRadioButton.cc](#)

## 3.55 YQRadioButtonGroup Class Reference

Inheritance diagram for YQRadioButtonGroup:



### Public Member Functions

- [YQRadioButtonGroup](#) (YWidget \*parent)
- virtual [~YQRadioButtonGroup](#) ()
- virtual void [addRadioButton](#) (YRadioButton \*button)
- virtual void [setEnabled](#) (bool enabled)
- virtual void [setSize](#) (int newWidth, int newHeight)

### 3.55.1 Detailed Description

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

### 3.55.2 Constructor & Destructor Documentation

#### 3.55.2.1 YQRadioButtonGroup::YQRadioButtonGroup ( YWidget \* *parent* )

Constructor.

Definition at line 35 of file [YQRadioButtonGroup.cc](#).

#### 3.55.2.2 YQRadioButtonGroup::~YQRadioButtonGroup ( ) [virtual]

Destructor.

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

### 3.55.3 Member Function Documentation

#### 3.55.3.1 void YQRadioButtonGroup::addRadioButton ( YRadioButton \* *button* ) [virtual]

Add a RadioButton.

Reimplemented from YRadioButtonGroup.

Definition at line 50 of file [YQRadioButtonGroup.cc](#).

#### 3.55.3.2 void YQRadioButtonGroup::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

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

#### 3.55.3.3 void YQRadioButtonGroup::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 70 of file [YQRadioButtonGroup.cc](#).

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

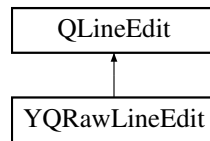
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQRadioButtonGroup.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQRadioButtonGroup.cc](#)

## 3.56 YQRawLineEdit Class Reference

```
#include <YQInputField.h>
```



Inheritance diagram for YQRawLineEdit:



## Signals

- void **capsLockActivated** ()
- void **capsLockDeactivated** ()

## Public Member Functions

- [YQRawLineEdit](#) (QWidget \*parent)
- virtual [~YQRawLineEdit](#) ()
- bool [isCapsLockActive](#) () const

## Protected Member Functions

- bool [x11Event](#) (XEvent \*event)

### 3.56.1 Detailed Description

Helper class that can obtain the CapsLock status, too. For some reason, Qt does not propagate that information from X11.

Definition at line 166 of file [YQInputField.h](#).

### 3.56.2 Constructor & Destructor Documentation

3.56.2.1 `YQRawLineEdit::YQRawLineEdit ( QWidget * parent ) [inline]`

Constructor

Definition at line 175 of file [YQInputField.h](#).

3.56.2.2 `virtual YQRawLineEdit::~~YQRawLineEdit ( ) [inline],[virtual]`

Destructor

Definition at line 183 of file [YQInputField.h](#).

### 3.56.3 Member Function Documentation

3.56.3.1 `bool YQRawLineEdit::isCapsLockActive ( ) const [inline]`

Check if CapsLock is active (rather: was active at the time of the last key or focus event)

Definition at line 189 of file [YQInputField.h](#).

3.56.3.2 `bool YQRawLineEdit::x11Event ( XEvent * event )` `[protected]`

X11 raw event handler. Propagates all events to the Qt event handlers, but updates `_capsLockActive` for key events.

Reimplemented from `QWidget`.

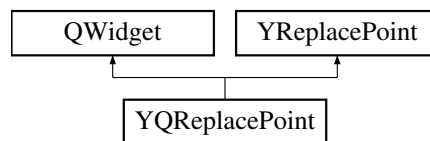
Definition at line 257 of file [YQInputField.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQInputField.h`
- `/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQInputField.cc`

## 3.57 YQReplacePoint Class Reference

Inheritance diagram for `YQReplacePoint`:



### Public Member Functions

- `YQReplacePoint (YWidget *parent)`
- virtual void `showChild ()`
- virtual void `setEnabled (bool enabled)`
- virtual void `setSize (int newWidth, int newHeight)`

### 3.57.1 Detailed Description

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

### 3.57.2 Constructor & Destructor Documentation

3.57.2.1 `YQReplacePoint::YQReplacePoint ( YWidget * parent )`

Constructor.

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

### 3.57.3 Member Function Documentation

3.57.3.1 `void YQReplacePoint::setEnabled ( bool enabled )` `[virtual]`

Set enabled/disabled state.

Reimplemented from YWidget.

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

**3.57.3.2** void YQReplacePoint::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

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

**3.57.3.3** void YQReplacePoint::showChild ( ) [virtual]

Show a newly added child.

Reimplemented from YReplacePoint.

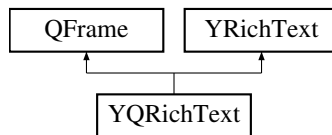
Definition at line 41 of file [YQReplacePoint.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQReplacePoint.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQReplacePoint.cc

## 3.58 YQRichText Class Reference

Inheritance diagram for YQRichText:



### Public Member Functions

- [YQRichText](#) (YWidget \*parent, const std::string &text, bool plainTextMode=false)
- virtual [~YQRichText](#) ()
- virtual void [setValue](#) (const std::string &newValue)
- virtual void [setPlainTextMode](#) (bool on=true)
- virtual void [setAutoScrollDown](#) (bool on=true)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual void [setEnabled](#) (bool enabled)
- virtual bool [setKeyboardFocus](#) ()
- virtual bool [eventFilter](#) (QObject \*obj, QEvent \*ev)
- bool [haveHyperLinks](#) ()

## Protected Slots

- void [linkClicked](#) (const QUrl &url)

## Protected Attributes

- [YQTextBrowser](#) \* `_textBrowser`

### 3.58.1 Detailed Description

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

### 3.58.2 Constructor & Destructor Documentation

3.58.2.1 `YQRichText::YQRichText ( YWidget * parent, const std::string & text, bool plainTextMode = false )`

Constructor.

Definition at line 45 of file [YQRichText.cc](#).

3.58.2.2 `YQRichText::~YQRichText ( )` [virtual]

Destructor.

Definition at line 93 of file [YQRichText.cc](#).

### 3.58.3 Member Function Documentation

3.58.3.1 `bool YQRichText::eventFilter ( QObject * obj, QEvent * ev )` [virtual]

Event filter.

Reimplemented from QWidget.

Definition at line 158 of file [YQRichText.cc](#).

3.58.3.2 `bool YQRichText::haveHyperLinks ( )`

Returns 'true' if the current text of this RichText widget contains hyperlinks.

Definition at line 182 of file [YQRichText.cc](#).

3.58.3.3 `void YQRichText::linkClicked ( const QUrl & url )` [protected], [slot]

Notification that a hyperlink is clicked.

Definition at line 151 of file [YQRichText.cc](#).

**3.58.3.4** `int YQRichText::preferredHeight ( ) [virtual]`

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 197 of file [YQRichText.cc](#).

**3.58.3.5** `int YQRichText::preferredWidth ( ) [virtual]`

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 191 of file [YQRichText.cc](#).

**3.58.3.6** `void YQRichText::setAutoScrollDown ( bool on = true ) [virtual]`

Set this RichText widget's "auto scroll down" mode on or off.

Reimplemented from YRichText.

Definition at line 142 of file [YQRichText.cc](#).

**3.58.3.7** `void YQRichText::setEnabled ( bool enabled ) [virtual]`

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 209 of file [YQRichText.cc](#).

**3.58.3.8** `bool YQRichText::setKeyboardFocus ( ) [virtual]`

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 216 of file [YQRichText.cc](#).

**3.58.3.9** `void YQRichText::setPlainTextMode ( bool on = true ) [virtual]`

Set this RichText widget's "plain text" mode on or off.

Reimplemented from YRichText.

Definition at line 131 of file [YQRichText.cc](#).

**3.58.3.10** `void YQRichText::setSize ( int newWidth, int newHeight ) [virtual]`

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 203 of file [YQRichText.cc](#).

3.58.3.11 void YQRichText::setValue ( const std::string & newValue ) [virtual]

Change the text content of the RichText widget.

Reimplemented from YRichText.

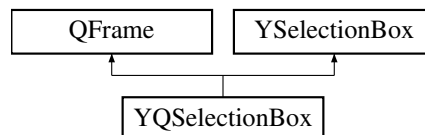
Definition at line 99 of file [YQRichText.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQRichText.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQRichText.cc

## 3.59 YQSelectionBox Class Reference

Inheritance diagram for YQSelectionBox:



### Public Member Functions

- [YQSelectionBox](#) (YWidget \*parent, const std::string &label)
- virtual [~YQSelectionBox](#) ()
- virtual void [setLabel](#) (const std::string &label)
- virtual void [addItem](#) (YItem \*item)
- virtual void [addItems](#) (const YItemCollection &itemCollection)
- virtual void [selectItem](#) (YItem \*item, bool selected=true)
- virtual void [deselectAllItems](#) ()
- virtual void [deleteAllItems](#) ()
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()
- virtual bool [eventFilter](#) (QObject \*obj, QEvent \*ev)

### Protected Slots

- void [slotSelectionChanged](#) ()
- void [slotActivated](#) (QListWidgetItem \*item)
- void [returnDelayed](#) ()
- void [returnImmediately](#) ()

### Protected Member Functions

- void [selectItem](#) (int index)
- void [addItem](#) (YItem \*item, bool batchMode)

## Protected Attributes

- [YQWidgetCaption](#) \* **\_caption**
- [QListWidget](#) \* **\_qt\_listWidget**
- [QTimer](#) **\_timer**

### 3.59.1 Detailed Description

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

### 3.59.2 Constructor & Destructor Documentation

#### 3.59.2.1 YQSelectionBox::YQSelectionBox ( YWidget \* *parent*, const std::string & *label* )

Constructor.

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

#### 3.59.2.2 YQSelectionBox::~YQSelectionBox ( ) [virtual]

Destructor.

Definition at line 91 of file [YQSelectionBox.cc](#).

### 3.59.3 Member Function Documentation

#### 3.59.3.1 void YQSelectionBox::addItem ( YItem \* *item* ) [virtual]

Add an item.

Reimplemented from [YSelectionWidget](#).

Definition at line 119 of file [YQSelectionBox.cc](#).

#### 3.59.3.2 void YQSelectionBox::addItem ( YItem \* *item*, bool *batchMode* ) [protected]

Internal [addItem\(\)](#) method that will not do expensive operations in batch mode.

Definition at line 126 of file [YQSelectionBox.cc](#).

#### 3.59.3.3 void YQSelectionBox::addItems ( const YItemCollection & *itemCollection* ) [virtual]

Add multiple items.

Reimplemented for efficiency from [YSelectionWidget](#).

Definition at line 104 of file [YQSelectionBox.cc](#).

#### 3.59.3.4 void YQSelectionBox::deleteAllItems ( ) [virtual]

Delete all items.

Reimplemented from YSelectionWidget.

Definition at line 217 of file [YQSelectionBox.cc](#).

**3.59.3.5** void YQSelectionBox::deselectAllItems ( ) [virtual]

Deselect all items.

Reimplemented from YSelectionWidget.

Definition at line 193 of file [YQSelectionBox.cc](#).

**3.59.3.6** bool YQSelectionBox::eventFilter ( QObject \* *obj*, QEvent \* *ev* ) [virtual]

Event filter.

Reimplemented from QWidget.

Definition at line 270 of file [YQSelectionBox.cc](#).

**3.59.3.7** int YQSelectionBox::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 236 of file [YQSelectionBox.cc](#).

**3.59.3.8** int YQSelectionBox::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 227 of file [YQSelectionBox.cc](#).

**3.59.3.9** void YQSelectionBox::returnDelayed ( ) [protected], [slot]

Return after some milliseconds delay - collect multiple events. This is only relevant if `opt (notify)` is set.

Definition at line 386 of file [YQSelectionBox.cc](#).

**3.59.3.10** void YQSelectionBox::returnImmediately ( ) [protected], [slot]

Return immediately. This is only relevant if `opt (notify)` is set.

Definition at line 363 of file [YQSelectionBox.cc](#).

**3.59.3.11** void YQSelectionBox::selectItem ( YItem \* *item*, bool *selected* = true ) [virtual]

Select or deselect an item.

Reimplemented from YSelectionWidget.

Definition at line 166 of file [YQSelectionBox.cc](#).



**3.59.3.12** void YQSelectionBox::selectItem ( int *index* ) [protected]

Select an item by index.

Definition at line 175 of file [YQSelectionBox.cc](#).

**3.59.3.13** void YQSelectionBox::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 253 of file [YQSelectionBox.cc](#).

**3.59.3.14** bool YQSelectionBox::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 262 of file [YQSelectionBox.cc](#).

**3.59.3.15** void YQSelectionBox::setLabel ( const std::string & *label* ) [virtual]

Change the label text.

Reimplemented from YSelectionWidget.

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

**3.59.3.16** void YQSelectionBox::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 247 of file [YQSelectionBox.cc](#).

**3.59.3.17** void YQSelectionBox::slotActivated ( QListWidgetItem \* *item* ) [protected],[slot]

Notification that an item has been activated (double clicked).

Definition at line 354 of file [YQSelectionBox.cc](#).

**3.59.3.18** void YQSelectionBox::slotSelectionChanged ( ) [protected],[slot]

Notification that an item has been selected. This is only relevant if `opt (notify)` is set.

Definition at line 311 of file [YQSelectionBox.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQSelectionBox.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQSelectionBox.cc](#)

## 3.60 YQSignalBlocker Class Reference

```
#include <YQSignalBlocker.h>
```

### Public Member Functions

- [YQSignalBlocker](#) (QObject \*qobject)
- [~YQSignalBlocker](#) ()

### 3.60.1 Detailed Description

Helper class to block Qt signals for QWidgets or QObjects as long as this object exists.

This object will restore the old blocked state when it goes out of scope.

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

### 3.60.2 Constructor & Destructor Documentation

#### 3.60.2.1 YQSignalBlocker::YQSignalBlocker ( QObject \* *qobject* )

Constructor.

Qt signals for 'qobject' will be blocked as long as this object exists. Remember that a QWidget is also a QObject.

Definition at line 29 of file [YQSignalBlocker.cc](#).

#### 3.60.2.2 YQSignalBlocker::~YQSignalBlocker ( )

Destructor.

This will restore the old signal state.

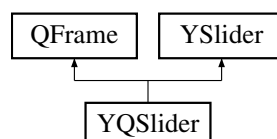
Definition at line 40 of file [YQSignalBlocker.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQSignalBlocker.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQSignalBlocker.cc

## 3.61 YQSlider Class Reference

Inheritance diagram for YQSlider:



## Public Slots

- void [valueChangedSlot](#) (int newValue)

## Signals

- void [valueChanged](#) (int newValue)

## Public Member Functions

- [YQSlider](#) (YWidget \*parent, const std::string &label, int minValue, int maxValue, int initialValue, bool reverseLayout=false)
- virtual [~YQSlider](#) ()
- virtual int [value](#) ()
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

## Protected Member Functions

- virtual void [setValueInternal](#) (int val)

## Protected Attributes

- [YQWidgetCaption](#) \* [\\_caption](#)
- QSlider \* [\\_qt\\_slider](#)
- QSpinBox \* [\\_qt\\_spinBox](#)
- QFrame \* [\\_hbox](#)

### 3.61.1 Detailed Description

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

### 3.61.2 Constructor & Destructor Documentation

3.61.2.1 [YQSlider::YQSlider](#) ( YWidget \* *parent*, const std::string & *label*, int *minValue*, int *maxValue*, int *initialValue*, bool *reverseLayout* = false )

Constructor.

'reverseLayout' creates the QSpinBox to the left and the QSlider to the right.

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

### 3.61.2.2 YQSlider::~~YQSlider ( ) [virtual]

Destructor.

Definition at line 120 of file [YQSlider.cc](#).

## 3.61.3 Member Function Documentation

### 3.61.3.1 int YQSlider::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 174 of file [YQSlider.cc](#).

### 3.61.3.2 int YQSlider::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 164 of file [YQSlider.cc](#).

### 3.61.3.3 void YQSlider::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 154 of file [YQSlider.cc](#).

### 3.61.3.4 bool YQSlider::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

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

### 3.61.3.5 void YQSlider::setLabel ( const std::string & *label* ) [virtual]

Set the label (the caption above the input field).

Reimplemented from YSlider / YIntField.

Definition at line 188 of file [YQSlider.cc](#).

### 3.61.3.6 void YQSlider::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 181 of file [YQSlider.cc](#).

**3.61.3.7** `void YQSlider::setValueInternal ( int val )` `[protected]`, `[virtual]`

Set the current value (the number entered by the user or set from the outside) of this slider. 'val' is guaranteed to be between `minValue` and `maxValue`; no further checks are required.

Implemented from `YSlider/ YIntField`.

Definition at line 134 of file [YQSlider.cc](#).

**3.61.3.8** `int YQSlider::value ( )` `[virtual]`

Get the current value (the number entered by the user or set from the outside) of this slider.

Implemented from `YSlider / YIntField`.

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

**3.61.3.9** `void YQSlider::valueChanged ( int newValue )` `[signal]`

Emitted when the value changes (regardless of the notify flag).

**3.61.3.10** `void YQSlider::valueChangedSlot ( int newValue )` `[slot]`

Slot for "value changed". This will send a `ValueChanged` event if 'notify' is set.

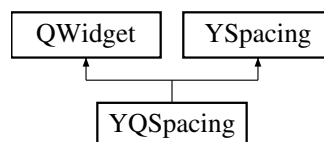
Definition at line 144 of file [YQSlider.cc](#).

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

- `/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQSlider.h`
- `/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQSlider.cc`

## 3.62 YQSpacing Class Reference

Inheritance diagram for `YQSpacing`:



### Public Member Functions

- [YQSpacing](#) (`YWidget *parent`, `YUIDimension dim`, `bool stretchable=false`, `YLayoutSize_t layoutUnits=0.0`)
- virtual void [setSize](#) (`int newWidth`, `int newHeight`)

### 3.62.1 Detailed Description

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

### 3.62.2 Constructor & Destructor Documentation

3.62.2.1 `YQSpacing::YQSpacing ( YWidget * parent, YUIDimension dim, bool stretchable = false, YLayoutSize_t layoutUnits = 0.0 )`

Constructor.

Definition at line 29 of file [YQSpacing.cc](#).

### 3.62.3 Member Function Documentation

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

Set the new size of the widget.

Reimplemented from YWidget.

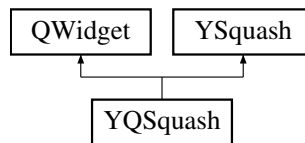
Definition at line 46 of file [YQSpacing.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQSpacing.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQSpacing.cc](#)

## 3.63 YQSquash Class Reference

Inheritance diagram for YQSquash:



### Public Member Functions

- [YQSquash](#) (YWidget \*parent, bool horSquash, bool vertSquash)
- virtual `~YQSquash ()`
- virtual void [setEnabled](#) (bool enabled)
- virtual void [setSize](#) (int newWidth, int newHeight)

### 3.63.1 Detailed Description

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

### 3.63.2 Constructor & Destructor Documentation

3.63.2.1 `YQSquash::YQSquash ( YWidget * parent, bool horSquash, bool vertSquash )`

Constructor.

Definition at line 29 of file [YQSquash.cc](#).

### 3.63.2.2 YQSquash::~YQSquash ( ) [virtual]

Destructor.

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

## 3.63.3 Member Function Documentation

### 3.63.3.1 void YQSquash::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 45 of file [YQSquash.cc](#).

### 3.63.3.2 void YQSquash::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

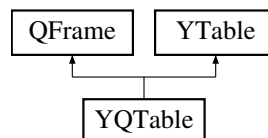
Definition at line 52 of file [YQSquash.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQSquash.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQSquash.cc

## 3.64 YQTable Class Reference

Inheritance diagram for YQTable:



### Public Member Functions

- [YQTable](#) (YWidget \*parent, YTableHeader \*header, bool multiSelection)
- virtual [~YQTable](#) ()
- virtual void [setKeepSorting](#) (bool keepSorting)
- virtual void [addItem](#) (YItem \*item)
- virtual void [addItemCollection](#) (const YItemCollection &itemCollection)
- virtual void [selectItem](#) (YItem \*item, bool selected=true)
- virtual void [deselectAllItems](#) ()
- virtual void [deleteAllItems](#) ()

- virtual void [cellChanged](#) (const YTableCell \*cell)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

### Protected Slots

- void [slotSelected](#) (QTreeWidgetItem \*)
- void [slotSelectionChanged](#) ()
- void [slotActivated](#) (QTreeWidgetItem \*)
- void [slotContextMenu](#) (const QPoint &pos)

### Protected Member Functions

- void [selectOrigItem](#) (QTreeWidgetItem \*listViewItem)
- void [addItem](#) (YItem \*item, bool batchMode, bool resizeColumnsToContent)

### Protected Attributes

- [QY2ListView](#) \* [\\_qt\\_listView](#)

## 3.64.1 Detailed Description

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

## 3.64.2 Constructor & Destructor Documentation

### 3.64.2.1 YQTable::YQTable ( YWidget \* *parent*, YTableHeader \* *header*, bool *multiSelection* )

Constructor.

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

### 3.64.2.2 YQTable::~YQTable ( ) [virtual]

Destructor.

Definition at line 109 of file [YQTable.cc](#).

## 3.64.3 Member Function Documentation

### 3.64.3.1 void YQTable::addItem ( YItem \* *item* ) [virtual]

Add an item.

Reimplemented from YSelectionWidget.

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



3.64.3.2 void YQTable::addItem ( YItem \* *item*, bool *batchMode*, bool *resizeColumnsToContent* ) [protected]

Internal [addItem\(\)](#) method that will not do expensive operations in batch mode.

Definition at line [134](#) of file [YQTable.cc](#).

3.64.3.3 void YQTable::addItemCollection ( const YItemCollection & *itemCollection* ) [virtual]

Add multiple items.

Reimplemented for efficiency from YSelectionWidget.

Definition at line [182](#) of file [YQTable.cc](#).

3.64.3.4 void YQTable::cellChanged ( const YTableCell \* *cell* ) [virtual]

Notification that a cell (its text and/or its icon) was changed from the outside. Applications are required to call this whenever a table cell is changed after adding the corresponding table item (the row) to the table widget.

Reimplemented from YTable.

Definition at line [254](#) of file [YQTable.cc](#).

3.64.3.5 void YQTable::deleteAllItems ( ) [virtual]

Delete all items.

Reimplemented from YSelectionWidget.

Definition at line [246](#) of file [YQTable.cc](#).

3.64.3.6 void YQTable::deselectAllItems ( ) [virtual]

Deselect all items.

Reimplemented from YSelectionWidget.

Definition at line [236](#) of file [YQTable.cc](#).

3.64.3.7 int YQTable::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line [374](#) of file [YQTable.cc](#).

3.64.3.8 int YQTable::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line [364](#) of file [YQTable.cc](#).

**3.64.3.9** void YQTable::selectItem ( YItem \* *item*, bool *selected* = true ) [virtual]

Select or deselect an item.

Reimplemented from YSelectionWidget.

Definition at line 209 of file [YQTable.cc](#).

**3.64.3.10** void YQTable::selectOrigItem ( QTreeWidgetItem \* *listViewItem* ) [protected]

Select the original item (the YTableWidgetItem) that corresponds to the specified listViewItem.

Definition at line 267 of file [YQTable.cc](#).

**3.64.3.11** void YQTable::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 354 of file [YQTable.cc](#).

**3.64.3.12** void YQTable::setKeepSorting ( bool *keepSorting* ) [virtual]

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

Reimplemented from YTable.

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

**3.64.3.13** bool YQTable::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

Reimplemented from YWidget.

Definition at line 391 of file [YQTable.cc](#).

**3.64.3.14** void YQTable::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 384 of file [YQTable.cc](#).

**3.64.3.15** void YQTable::slotActivated ( QTreeWidgetItem \* *listViewItem* ) [protected], [slot]

Notification that an item is activated (double click or keyboard).

Definition at line 341 of file [YQTable.cc](#).

3.64.3.16 void YQTable::slotContextMenu ( const QPoint & pos ) [protected], [slot]

Propagate a context menu selection

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

Definition at line 400 of file YQTable.cc.

3.64.3.17 void YQTable::slotSelected ( QTreeWidgetItem \* listViewItem ) [protected], [slot]

Notification that an item is selected (single click or keyboard).

Definition at line 280 of file YQTable.cc.

3.64.3.18 void YQTable::slotSelectionChanged ( ) [protected], [slot]

Notification that the item selection changed (relevant for multiSelection mode).

Definition at line 306 of file YQTable.cc.

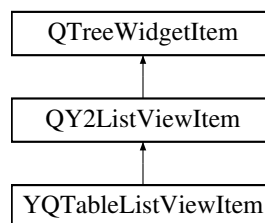
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTable.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTable.cc

## 3.65 YQTableListViewItem Class Reference

```
#include <YQTable.h>
```

Inheritance diagram for YQTableListViewItem:



### Public Member Functions

- YQTableListViewItem (YQTable \*table, QY2ListView \*parent, YTableItem \*origItem)
- YQTable \* table () const
- YTableItem \* origItem () const
- void updateCell (const YTableCell \*cell)

### Protected Attributes

- YQTable \* \_table
- YTableItem \* \_origItem

### 3.65.1 Detailed Description

Visual representation of a YTableWidgetItem.

Definition at line 196 of file [YQTable.h](#).

### 3.65.2 Constructor & Destructor Documentation

3.65.2.1 `YQTableListViewItem::YQTableListViewItem ( YQTable * table, QY2ListView * parent, YTableWidgetItem * origItem )`

Constructor.

Definition at line 414 of file [YQTable.cc](#).

### 3.65.3 Member Function Documentation

3.65.3.1 `YTableWidgetItem* YQTableListViewItem::origItem ( ) const` `[inline]`

Return the corresponding YTableWidgetItem.

Definition at line 215 of file [YQTable.h](#).

3.65.3.2 `YQTable* YQTableListViewItem::table ( ) const` `[inline]`

Return the parent table widget.

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

3.65.3.3 `void YQTableListViewItem::updateCell ( const YTableCell * cell )`

Update this item's display with the content of 'cell'.

Definition at line 436 of file [YQTable.cc](#).

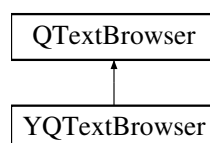
The documentation for this class was generated from the following files:

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTable.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTable.cc](#)

## 3.66 YQTextBrowser Class Reference

```
#include <YQRichText.h>
```

Inheritance diagram for YQTextBrowser:



## Public Slots

- virtual void [setSource](#) (const QUrl &name)

## Public Member Functions

- [YQTextBrowser](#) (QWidget \*parent=0)

### 3.66.1 Detailed Description

Helper class - needed to have the benefits of both QVBox as the base class for [YQRichText](#) so uniform margins can be implemented (outside, not inside the scroll window as QTextBrowser normally does it) and QTextBrowser's features (enable hyperlinks) without removing the text each time the user clicks.

This class is required only to overwrite [setSource\(\)](#).

Definition at line 156 of file [YQRichText.h](#).

### 3.66.2 Constructor & Destructor Documentation

3.66.2.1 [YQTextBrowser::YQTextBrowser](#) ( QWidget \* *parent* = 0 ) [inline]

Constructor

Definition at line 166 of file [YQRichText.h](#).

### 3.66.3 Member Function Documentation

3.66.3.1 void [YQTextBrowser::setSource](#) ( const QUrl & *name* ) [virtual],[slot]

Get the document pointed to by a hyperlink.

Reimplemented from QTextBrowser to avoid having an empty text each time the user clicks on a hyperlink.

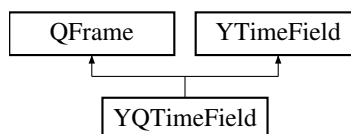
Definition at line 223 of file [YQRichText.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQRichText.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQRichText.cc

## 3.67 YQTimeField Class Reference

Inheritance diagram for YQTimeField:



## Public Member Functions

- [YQTimeField](#) (YWidget \*parent, const std::string &label)
- virtual [~YQTimeField](#) ()
- virtual std::string [value](#) ()
- virtual void [setValue](#) (const std::string &newValue)
- virtual void [setLabel](#) (const std::string &label)
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()

## Protected Attributes

- [YQWidgetCaption](#) \* [\\_caption](#)
- [QTimeEdit](#) \* [\\_qt\\_timeEdit](#)

### 3.67.1 Detailed Description

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

### 3.67.2 Constructor & Destructor Documentation

#### 3.67.2.1 YQTimeField::YQTimeField ( YWidget \* parent, const std::string & label )

Constructor.

Definition at line 38 of file [YQTimeField.cc](#).

#### 3.67.2.2 YQTimeField::~YQTimeField ( ) [virtual]

Destructor.

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

### 3.67.3 Member Function Documentation

#### 3.67.3.1 int YQTimeField::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 100 of file [YQTimeField.cc](#).

### 3.67.3.2 int YQTimeField::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

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

### 3.67.3.3 void YQTimeField::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disabled state.

Reimplemented from YWidget.

Definition at line 87 of file [YQTimeField.cc](#).

### 3.67.3.4 bool YQTimeField::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

Reimplemented from YWidget.

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

### 3.67.3.5 void YQTimeField::setLabel ( const std::string & *label* ) [virtual]

Set the label (the caption above the input field).

Reimplemented from YSimpleInputField.

Definition at line 80 of file [YQTimeField.cc](#).

### 3.67.3.6 void YQTimeField::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 106 of file [YQTimeField.cc](#).

### 3.67.3.7 void YQTimeField::setValue ( const std::string & *newValue* ) [virtual]

Set the current value (the text entered by the user or set from the outside) of this input field.

Implemented from YSimpleInputField.

Definition at line 74 of file [YQTimeField.cc](#).

### 3.67.3.8 string YQTimeField::value ( ) [virtual]

Get the current value (the text entered by the user or set from the outside) of this input field.

Implemented from YSimpleInputField.

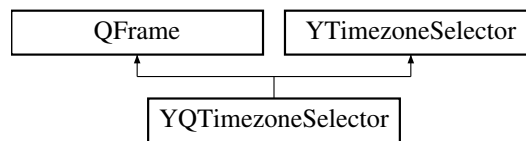
Definition at line 68 of file [YQTimeField.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTimeField.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTimeField.cc

### 3.68 YQTimezoneSelector Class Reference

Inheritance diagram for YQTimezoneSelector:



#### Public Member Functions

- [YQTimezoneSelector](#) (YWidget \*parent, const std::string &pixmap, const std::map< std::string, std::string > &timezones)
- virtual [~YQTimezoneSelector](#) ()
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual void [paintEvent](#) (QPaintEvent \*event)
- virtual void [mousePressEvent](#) (QMouseEvent \*event)
- virtual bool [event](#) (QEvent \*event)
- virtual std::string [currentZone](#) () const
- virtual void [setCurrentZone](#) (const std::string &zone, bool zoom)

#### Protected Slots

- void [slotBlink](#) ()

#### Protected Attributes

- [YQTimezoneSelectorPrivate](#) \* **d**

#### 3.68.1 Detailed Description

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

#### 3.68.2 Constructor & Destructor Documentation

- 3.68.2.1 [YQTimezoneSelector::YQTimezoneSelector](#) ( YWidget \* *parent*, const std::string & *pixmap*, const std::map< std::string, std::string > & *timezones* )

Constructor.

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



### 3.68.2.2 YQTimezoneSelector::~~YQTimezoneSelector ( ) [virtual]

Destructor.

Definition at line 167 of file [YQTimezoneSelector.cc](#).

## 3.68.3 Member Function Documentation

### 3.68.3.1 std::string YQTimezoneSelector::currentZone ( ) const [virtual]

subclasses have to implement this to return value

Definition at line 331 of file [YQTimezoneSelector.cc](#).

### 3.68.3.2 int YQTimezoneSelector::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 180 of file [YQTimezoneSelector.cc](#).

### 3.68.3.3 int YQTimezoneSelector::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 174 of file [YQTimezoneSelector.cc](#).

### 3.68.3.4 void YQTimezoneSelector::setCurrentZone ( const std::string & zone, bool zoom ) [virtual]

subclasses have to implement this to set value

Definition at line 349 of file [YQTimezoneSelector.cc](#).

### 3.68.3.5 void YQTimezoneSelector::setSize ( int newWidth, int newHeight ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 186 of file [YQTimezoneSelector.cc](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTimezoneSelector.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTimezoneSelector.cc](#)

## 3.69 YQTimezoneSelectorPrivate Class Reference

### Classes

- struct [Location](#)

## Public Member Functions

- **YQTimezoneSelectorPrivate** (QWidget \*p)
- [Location](#) **findBest** (const QPoint &pos) const
- QPoint **pixPosition** (const [Location](#) &pos) const
- QPoint **pixToWindow** (const QPoint &pos) const

## Public Attributes

- QImage **\_pix**
- QPoint **\_zoom**
- [Location](#) **\_best**
- QList< [Location](#) > **locations**
- QTimer \* **blink**
- int **highlight**
- QPixmap **cachePix**

### 3.69.1 Detailed Description

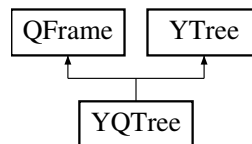
Definition at line 45 of file [YQTimezoneSelector.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTimezoneSelector.cc

## 3.70 YQTree Class Reference

Inheritance diagram for YQTree:



## Public Member Functions

- [YQTree](#) (YWidget \*parent, const std::string &label, bool multiSelection, bool recursiveSelection)
- virtual [~YQTree](#) ()
- virtual void [setLabel](#) (const std::string &label)
- virtual void [rebuildTree](#) ()
- virtual void [selectItem](#) (YItem \*item, bool selected=true)
- virtual void [deselectAllItems](#) ()
- virtual void [deleteAllItems](#) ()
- virtual void [setEnabled](#) (bool enabled)
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- virtual bool [setKeyboardFocus](#) ()
- virtual YTreeItem \* [currentItem](#) ()

## Protected Slots

- void [slotSelectionChanged](#) ()
- void [slotItemChanged](#) (QTreeWidgetItem \*item)
- void [slotItemClicked](#) (QTreeWidgetItem \*item, int column)
- void [slotActivated](#) (QTreeWidgetItem \*item)
- void [slotItemExpanded](#) (QTreeWidgetItem \*item)
- void [slotItemCollapsed](#) (QTreeWidgetItem \*item)
- void [slotContextMenu](#) (const QPoint &pos)

## Protected Member Functions

- void [selectItem](#) (YQTreeItem \*item)
- void [selectItem](#) (QTreeWidgetItem \*item, bool selected, bool recursive)
- void [openBranch](#) (YQTreeItem \*item)
- void [buildDisplayTree](#) (YQTreeItem \*parentItem, YItemIterator begin, YItemIterator end)

## Protected Attributes

- YQWidgetCaption \* [\\_caption](#)
- QTreeWidget \* [\\_qt\\_treeWidget](#)
- int [\\_nextSerialNo](#)

### 3.70.1 Detailed Description

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

### 3.70.2 Constructor & Destructor Documentation

3.70.2.1 YQTree::YQTree ( YQWidget \* *parent*, const std::string & *label*, bool *multiSelection*, bool *recursiveSelection* )

Constructor.

Definition at line 51 of file [YQTree.cc](#).

3.70.2.2 YQTree::~YQTree ( ) [virtual]

Destructor.

Definition at line 110 of file [YQTree.cc](#).

### 3.70.3 Member Function Documentation

3.70.3.1 void YQTree::buildDisplayTree ( YQTreeItem \* *parentItem*, YItemIterator *begin*, YItemIterator *end* ) [protected]

Build a tree of items that will be displayed (YQTreeItems) from the original items between iterators 'begin' and 'end' as child items of 'parentItem' (or as toplevel items if 'parentItem' is 0).

Definition at line 133 of file [YQTree.cc](#).

### 3.70.3.2 YTreeItem \* YQTree::currentItem ( ) [virtual]

Return the the item that currently has the keyboard focus or 0 if no item currently has the keyboard focus.

Reimplemented from YMultiSelectionBox.

Definition at line 418 of file [YQTree.cc](#).

### 3.70.3.3 void YQTree::deleteAllItems ( ) [virtual]

Delete all items.

Reimplemented from YSelectionWidget.

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

### 3.70.3.4 void YQTree::deselectAllItems ( ) [virtual]

Deselect all items.

Reimplemented from YSelectionWidget.

Definition at line 232 of file [YQTree.cc](#).

### 3.70.3.5 void YQTree::openBranch ( YQTreeItem \* item ) [protected]

Open the branch of 'item' recursively to its toplevel item.

Definition at line 201 of file [YQTree.cc](#).

### 3.70.3.6 int YQTree::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 373 of file [YQTree.cc](#).

### 3.70.3.7 int YQTree::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 366 of file [YQTree.cc](#).

### 3.70.3.8 void YQTree::rebuildTree ( ) [virtual]

Rebuild the displayed tree from the internally stored YTreeItems.

The application should call this (once) after all items have been added with addItem(). YTree::addItem() calls this automatically.

Implemented from YTree.

Definition at line 123 of file [YQTree.cc](#).

**3.70.3.9** void YQTree::selectItem ( YItem \* *item*, bool *selected* = true ) [virtual]

Select or deselect an item.

Reimplemented from YSelectionWidget.

Definition at line 155 of file YQTree.cc.

**3.70.3.10** void YQTree::selectItem ( YQTreeltem \* *item* ) [protected]

Select an item via the corresponding YQTreeltem.

Definition at line 178 of file YQTree.cc.

**3.70.3.11** void YQTree::selectItem ( QTreeWidgetItem \* *item*, bool *selected*, bool *recursive* ) [protected]

Select or deselect an item, recursively

Definition at line 267 of file YQTree.cc.

**3.70.3.12** void YQTree::setEnabled ( bool *enabled* ) [virtual]

Set enabled/disbled state.

Reimplemented from YWidget.

Definition at line 390 of file YQTree.cc.

**3.70.3.13** bool YQTree::setKeyboardFocus ( ) [virtual]

Accept the keyboard focus.

Definition at line 398 of file YQTree.cc.

**3.70.3.14** void YQTree::setLabel ( const std::string & *label* ) [virtual]

Change the label text.

Reimplemented from YSelectionWidget.

Definition at line 116 of file YQTree.cc.

**3.70.3.15** void YQTree::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 384 of file YQTree.cc.

**3.70.3.16** void YQTree::slotActivated ( QTreeWidgetItem \* *item* ) [protected], [slot]

Propagate a double click or pressing the space key on a tree item.

This will trigger an 'Activated' event if 'notify' is set.

Definition at line 357 of file [YQTree.cc](#).

**3.70.3.17** void YQTree::slotContextMenu ( const QPoint & pos ) [protected],[slot]

Propagate a context menu selection

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

Definition at line 406 of file [YQTree.cc](#).

**3.70.3.18** void YQTree::slotItemChanged ( QTreeWidgetItem \* item ) [protected],[slot]

Propagate a tree item change.

This will trigger a 'ValueChanged' event if 'notify' is set.

Definition at line 290 of file [YQTree.cc](#).

**3.70.3.19** void YQTree::slotItemCollapsed ( QTreeWidgetItem \* item ) [protected],[slot]

Propagate an "item collapsed" event to the underlying YTreeWidgetItem.

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

**3.70.3.20** void YQTree::slotItemExpanded ( QTreeWidgetItem \* item ) [protected],[slot]

Propagate an "item expanded" event to the underlying YTreeWidgetItem.

Definition at line 210 of file [YQTree.cc](#).

**3.70.3.21** void YQTree::slotSelectionChanged ( ) [protected],[slot]

Propagate a tree item selection.

This will trigger a 'SelectionChanged' event if 'notify' is set.

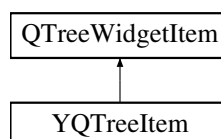
Definition at line 341 of file [YQTree.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTree.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTree.cc

## 3.71 YTreeWidgetItem Class Reference

Inheritance diagram for YTreeWidgetItem:



## Public Member Functions

- [YQTreeWidgetItem](#) ([YQTree](#) \*tree, [QTreeWidgetItem](#) \*parent, [YTreeWidgetItem](#) \*origItem, int serial)
- [YQTreeWidgetItem](#) ([YQTree](#) \*tree, [YQTreeWidgetItem](#) \*parent, [YTreeWidgetItem](#) \*origItem, int serial)
- [YTreeWidgetItem](#) \* [origItem](#) ()
- virtual void [setOpen](#) (bool open)

## Protected Member Functions

- [QString](#) [key](#) (int column, bool ascending) const

## Protected Attributes

- [YQTree](#) \* [\\_tree](#)
- [YTreeWidgetItem](#) \* [\\_origItem](#)
- int [\\_serialNo](#)

### 3.71.1 Detailed Description

Definition at line 220 of file [YQTree.h](#).

### 3.71.2 Constructor & Destructor Documentation

3.71.2.1 [YQTreeWidgetItem::YQTreeWidgetItem](#) ( [YQTree](#) \* tree, [QTreeWidgetItem](#) \* parent, [YTreeWidgetItem](#) \* origItem, int serial )

Constructor for a top level item.

Definition at line 440 of file [YQTree.cc](#).

3.71.2.2 [YQTreeWidgetItem::YQTreeWidgetItem](#) ( [YQTree](#) \* tree, [YTreeWidgetItem](#) \* parent, [YTreeWidgetItem](#) \* origItem, int serial )

Constructor for a non-top level item.

Definition at line 455 of file [YQTree.cc](#).

### 3.71.3 Member Function Documentation

3.71.3.1 [QString](#) [YQTreeWidgetItem::key](#) ( int column, bool ascending ) const [protected]

Sort key of this item.

Reimplemented from [QTreeWidgetItem](#).

Definition at line 516 of file [YQTree.cc](#).

3.71.3.2 [YTreeWidgetItem\\*](#) [YQTreeWidgetItem::origItem](#) ( ) [inline]

Returns the original [YTreeWidgetItem](#) of which this item is a clone.

Definition at line 243 of file [YQTree.h](#).

### 3.71.3.3 void YQTreeItem::setOpen ( bool *open* ) [virtual]

Open this item.

Reimplemented from QTreeWidgetItem.

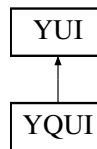
Definition at line 507 of file [YQTree.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTree.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQTree.cc

## 3.72 YQUI Class Reference

Inheritance diagram for YQUI:



### Public Member Functions

- [YQUI](#) (bool withThreads)
- virtual [~YQUI](#) ()
- void [initUI](#) ()
- void [sendEvent](#) (YEvent \*event)
- bool [eventPendingFor](#) (YWidget \*widget) const
- YEvent \* [pendingEvent](#) () const
- YEvent \* [consumePendingEvent](#) ()
- virtual void [deleteNotify](#) (YWidget \*widget)
- bool [fullscreen](#) () const
- bool [noBorder](#) () const
- bool [fatalError](#) () const
- void [raiseFatalError](#) ()
- int [defaultSize](#) (YUIDimension dim) const
- void [makeScreenShot](#) (std::string filename)
- virtual YEvent \* [runPkgSelection](#) (YWidget \*packageSelector)
- void [toggleRecordMacro](#) ()
- void [askPlayMacro](#) ()
- virtual void [blockEvents](#) (bool block=true)
- virtual bool [eventsBlocked](#) () const
- void [forceUnblockEvents](#) ()
- void [busyCursor](#) ()
- void [normalCursor](#) ()
- void [timeoutBusyCursor](#) ()
- void [askSaveLogs](#) ()
- void [askConfigureLogging](#) ()



- QPalette [normalPalette](#) () const
- void [toggleVisionImpairedPalette](#) ()
- bool [usingVisionImpairedPalette](#) () const
- QString [applicationTitle](#) ()
- void [setApplicationTitle](#) (const QString &title)

### Static Public Member Functions

- static YQUI \* [ui](#) ()
- static YQApplication \* [yqApp](#) ()
- static void [setTextdomain](#) (const char \*domain)
- static QPalette [visionImpairedPalette](#) ()

### Protected Member Functions

- virtual YWidgetFactory \* [createWidgetFactory](#) ()
- virtual YOptionalWidgetFactory \* [createOptionalWidgetFactory](#) ()
- virtual YApplication \* [createApplication](#) ()
- void [processCommandLineArgs](#) (int argc, char \*\*argv)
- void [probeX11Display](#) (const YCommandLine &cmdLine)
- void [calcDefaultSize](#) ()
- virtual void [idleLoop](#) (int fd\_ycp)
- void [receivedYCPCCommand](#) ()
- bool [close](#) ()

### Protected Attributes

- QMap< QString, int > [screenShotNo](#)
- QString [screenShotNameTemplate](#)
- bool [\\_fullscreen](#)
- bool [\\_noborder](#)
- QSize [\\_defaultSize](#)
- bool [\\_do\\_exit\\_loop](#)
- bool [\\_received\\_ycp\\_command](#)
- bool [\\_fatalError](#)
- QTimer \* [\\_busyCursorTimer](#)
- YSimpleEventHandler [\\_eventHandler](#)
- int [\\_blockedLevel](#)
- QPalette [\\_normalPalette](#)
- bool [\\_usingVisionImpairedPalette](#)
- bool [\\_leftHandedMouse](#)
- bool [\\_askedForLeftHandedMouse](#)
- bool [\\_uiInitialized](#)
- YQUISignalReceiver \* [\\_signalReceiver](#)
- QString [\\_applicationTitle](#)
- int [\\_ui\\_argc](#)

## Static Protected Attributes

- static [YQUI](#) \* `_ui` = 0

## Friends

- class [YQUISignalReceiver](#)

### 3.72.1 Detailed Description

Definition at line [55](#) of file [YQUI.h](#).

### 3.72.2 Constructor & Destructor Documentation

#### 3.72.2.1 [YQUI::YQUI](#) ( [bool](#) *withThreads* )

Constructor.

Definition at line [91](#) of file [YQUI.cc](#).

#### 3.72.2.2 [YQUI::~~YQUI](#) ( ) [[virtual](#)]

Destructor.

Definition at line [339](#) of file [YQUI.cc](#).

### 3.72.3 Member Function Documentation

#### 3.72.3.1 [QString](#) [YQUI::applicationTitle](#) ( ) [[inline](#)]

Returns the application name for the window title (e.g. "YaST2@hostname")

Definition at line [291](#) of file [YQUI.h](#).

#### 3.72.3.2 [void](#) [YQUI::askConfigureLogging](#) ( )

Open dialog to configure logging. (Shift-F7)

Definition at line [265](#) of file [YQUI\\_builtins.cc](#).

#### 3.72.3.3 [void](#) [YQUI::askPlayMacro](#) ( )

Open file selection box and ask for a macro file to play (activated by Ctrl-Shift-Alt-P)

Definition at line [335](#) of file [YQUI\\_builtins.cc](#).

#### 3.72.3.4 [void](#) [YQUI::askSaveLogs](#) ( )

Open file selection box and let the user save y2logs to that location. (Shift-F8)

Definition at line [206](#) of file [YQUI\\_builtins.cc](#).

**3.72.3.5 void YQUI::blockEvents ( bool *block* =true ) [virtual]**

Block (or unblock) events. If events are blocked, any event sent should be ignored until events are unblocked again.

Reimplemented from YUI.

Definition at line 510 of file [YQUI.cc](#).

**3.72.3.6 void YQUI::busyCursor ( )**

Show mouse cursor indicating busy state.

Definition at line 558 of file [YQUI.cc](#).

**3.72.3.7 void YQUI::calcDefaultSize ( ) [protected]**

Calculate size of `opt` (defaultsize) dialogs

Definition at line 388 of file [YQUI.cc](#).

**3.72.3.8 bool YQUI::close ( ) [protected]**

Application shutdown

Definition at line 676 of file [YQUI.cc](#).

**3.72.3.9 YEvent\* YQUI::consumePendingEvent ( ) [inline]**

Return the pending event, if there is one, and mark it as "consumed".

This returns 0 if there is no pending event.

Definition at line 148 of file [YQUI.h](#).

**3.72.3.10 YOptionalWidgetFactory \* YQUI::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 369 of file [YQUI.cc](#).

**3.72.3.11 YWidgetFactory \* YQUI::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 358 of file [YQUI.cc](#).

**3.72.3.12 int YQUI::defaultSize ( YUIDimension *dim* ) const**

Returns size for `opt` (defaultsize) dialogs (in one dimension).

Definition at line 583 of file [YQUI.cc](#).

**3.72.3.13** void YQUI::deleteNotify ( YWidget \* *widget* ) [virtual]

Notification that a widget is being deleted.

Reimplemented from YUI.

Definition at line 616 of file [YQUI.cc](#).

**3.72.3.14** bool YQUI::eventPendingFor ( YWidget \* *widget* ) const [inline]

Returns 'true' if there is any event pending for the specified widget.

Definition at line 133 of file [YQUI.h](#).

**3.72.3.15** bool YQUI::eventsBlocked ( ) const [virtual]

Returns 'true' if events are currently blocked.

Reimplemented from YUI.

Definition at line 552 of file [YQUI.cc](#).

**3.72.3.16** bool YQUI::fatalError ( ) const [inline]

Returns 'true' if the UI had a fatal error that requires the application to abort.

Definition at line 171 of file [YQUI.h](#).

**3.72.3.17** void YQUI::forceUnblockEvents ( )

Force unblocking all events, no matter how many times [blockEvents\(\)](#) has been called before. This returns 0 if there is no pending event.

Definition at line 544 of file [YQUI.cc](#).

**3.72.3.18** bool YQUI::fullscreen ( ) const [inline]

Return 'true' if defaultsize windows should use the full screen.

Definition at line 160 of file [YQUI.h](#).

**3.72.3.19** void YQUI::idleLoop ( int *fd\_ycp* ) [protected],[virtual]

Idle around until fd\_ycp is readable and handle repaints. This is only used when a separate ui thread is running.

Reimplemented from YUI.

Definition at line 437 of file [YQUI.cc](#).

**3.72.3.20 void YQUI::initUI ( )**

Post-constructor initialization. If running with threads, this has to be called in the UI thread. Any subsequent calls will do nothing.

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

**3.72.3.21 void YQUI::makeScreenShot ( std::string filename )**

Make a screen shot in .png format and save it to 'filename'. Opens a file selection box if 'filename' is empty.

Definition at line 92 of file [YQUI\\_builtins.cc](#).

**3.72.3.22 bool YQUI::noBorder ( ) const [inline]**

Return 'true' if defaultsize windows should not get window manager borders / frames.

Definition at line 166 of file [YQUI.h](#).

**3.72.3.23 void YQUI::normalCursor ( )**

Show normal mouse cursor not indicating busy status.

Definition at line 564 of file [YQUI.cc](#).

**3.72.3.24 QPalette YQUI::normalPalette ( ) const [inline]**

Returns the normal color palette

Definition at line 275 of file [YQUI.h](#).

**3.72.3.25 YEvent\* YQUI::pendingEvent ( ) const [inline]**

Returns the last event that isn't processed yet or 0 if there is none.

The Qt UI keeps track of only one single (the last one) event.

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

**3.72.3.26 void YQUI::probeX11Display ( const YCommandLine & cmdLine ) [protected]**

Probe the X11 display. Throw exception upon failure. A "-display" command line argument is taken into account.

Definition at line 589 of file [YQUI.cc](#).

**3.72.3.27 void YQUI::processCommandLineArgs ( int argc, char \*\* argv ) [protected]**

Handle command line args

Definition at line 289 of file [YQUI.cc](#).

### 3.72.3.28 void YQUI::raiseFatalError ( ) [inline]

Raise a fatal UI error. It will be delivered when it is safe to do so. The caller should make sure it can continue for some time until the error is delivered.

Definition at line 178 of file [YQUI.h](#).

### 3.72.3.29 void YQUI::receivedYCPCommand ( ) [protected]

Notification that a YCP command has been received on fd\_ycp to leave [idleLoop\(\)](#)

Definition at line 470 of file [YQUI.cc](#).

### 3.72.3.30 YEvent \* YQUI::runPkgSelection ( YWidget \* *packageSelector* ) [virtual]

UI-specific runPkgSelecion method: Start the package selection. This implementation does the same as UserInput().

Reimplemented from YUI.

Definition at line 62 of file [YQUI\\_builtins.cc](#).

### 3.72.3.31 void YQUI::sendEvent ( YEvent \* *event* )

Widget event handlers (slots) call this when an event occurred that should be the answer to a UserInput() / PollInput() (etc.) call.

The UI assumes ownership of the event object that 'event' points to. In particular, it takes care to delete that object.

It is an error to pass 0 for 'event'.

Definition at line 476 of file [YQUI.cc](#).

### 3.72.3.32 void YQUI::setApplicationTitle ( const QString & *title* ) [inline]

Sets the application name for the window title

Definition at line 296 of file [YQUI.h](#).

### 3.72.3.33 void YQUI::setTextdomain ( const char \* *domain* ) [static]

Initialize and set a textdomain for gettext()

Definition at line 496 of file [YQUI.cc](#).

### 3.72.3.34 void YQUI::timeoutBusyCursor ( )

Show mouse cursor indicating busy state if the UI is unable to respond to user input for more than a predefined timeout (200 millisec).

Definition at line 574 of file [YQUI.cc](#).

**3.72.3.35 void YQUI::toggleRecordMacro ( )**

Toggle macro recording (activated by Ctrl-Shift-Alt-M): Stop macro recording if it is in progress, open a file selection box and ask for a macro file name to save to and start recording if no recording has been in progress.

Definition at line 293 of file [YQUI\\_builtins.cc](#).

**3.72.3.36 void YQUI::toggleVisionImpairedPalette ( )**

Toggle between the vision impaired and the normal color palette.

Definition at line 622 of file [YQUI.cc](#).

**3.72.3.37 static YQUI\* YQUI::ui ( ) [inline], [static]**

Access the global Qt-UI.

Definition at line 74 of file [YQUI.h](#).

**3.72.3.38 bool YQUI::usingVisionImpairedPalette ( ) const [inline]**

Returns 'true' if high-contrast colors for vision impaired users is in use. This should be queried at other places before using custom colors.

Definition at line 286 of file [YQUI.h](#).

**3.72.3.39 QPalette YQUI::visionImpairedPalette ( ) [static]**

Returns a high-contrast color palette suitable for vision impaired users.

Definition at line 640 of file [YQUI.cc](#).

**3.72.3.40 YQApplication \* YQUI::yqApp ( ) [static]**

Return the global YApplication object as [YQApplication](#).

This will create the Y(Q)Application upon the first call and return a pointer to the one and only (singleton) Y(Q)Application upon each subsequent call. This may throw exceptions if the Y(Q)Application cannot be created.

Definition at line 283 of file [YQUI.cc](#).

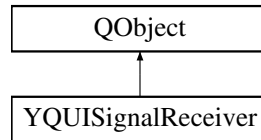
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQUI.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQUI.cc
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQUI\_builtins.cc

**3.73 YQUISignalReceiver Class Reference**

```
#include <YQUI.h>
```

Inheritance diagram for YQUISignalReceiver:



### Public Slots

- void **slotBusyCursor** ()
- void **slotReceivedYCPCCommand** ()

#### 3.73.1 Detailed Description

Helper class that acts as a Qt signal receiver for [YQUI](#). [YQUI](#) itself cannot be a QObject to avoid problems with starting up the UI with multiple threads.

Definition at line [379](#) of file [YQUI.h](#).

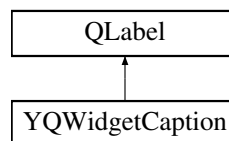
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQUI.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQUI.cc

## 3.74 YQWidgetCaption Class Reference

```
#include <YQWidgetCaption.h>
```

Inheritance diagram for YQWidgetCaption:



### Public Member Functions

- [YQWidgetCaption](#) (QWidget \*parent, const std::string &text)
- **YQWidgetCaption** (QWidget \*parent, const QString &text)
- virtual [~YQWidgetCaption](#) ()
- virtual void [setText](#) (const std::string &newText)
- virtual void **setText** (const QString &newText)

#### 3.74.1 Detailed Description

Helper class for captions (labels) above a widget: Takes care of hiding itself when its text is empty and showing when its text becomes non-empty.

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



### 3.74.2 Constructor & Destructor Documentation

#### 3.74.2.1 YQWidgetCaption::YQWidgetCaption ( QWidget \* *parent*, const std::string & *text* )

Constructors.

If the text is empty, the widget will be created, but hidden right away. It can later be made visible again with [setText\(\)](#) with a non-empty text.

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

#### 3.74.2.2 YQWidgetCaption::~YQWidgetCaption ( ) [virtual]

Destructor.

Definition at line 50 of file [YQWidgetCaption.cc](#).

### 3.74.3 Member Function Documentation

#### 3.74.3.1 void YQWidgetCaption::setText ( const std::string & *newText* ) [virtual]

Change the text and handle visibility: If the new text is empty, hide this widget. If the new text is non-empty, show this widget.

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

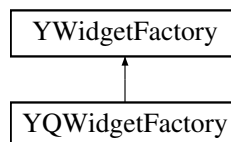
The documentation for this class was generated from the following files:

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWidgetCaption.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWidgetCaption.cc

## 3.75 YQWidgetFactory Class Reference

```
#include <YQWidgetFactory.h>
```

Inheritance diagram for YQWidgetFactory:



### Public Member Functions

- virtual [YQDialog](#) \* **createDialog** (YDialogType dialogType, YDialogColorMode colorMode=YDialogNormalColor)
- virtual [YQLayoutBox](#) \* **createLayoutBox** (YWidget \*parent, YUIDimension dim)
- virtual [YQButtonBox](#) \* **createButtonBox** (YWidget \*parent)
- virtual [YQPPushButton](#) \* **createPushButton** (YWidget \*parent, const std::string &label)
- virtual [YQLabel](#) \* **createLabel** (YWidget \*parent, const std::string &text, bool isHeading=false, bool isOutputField=false)
- virtual [YQInputField](#) \* **createInputField** (YWidget \*parent, const std::string &label, bool passwordMode=false)

- virtual [YQCheckBox](#) \* **createCheckBox** (YWidget \*parent, const std::string &label, bool isChecked=false)
- virtual [YQRadioButton](#) \* **createRadioButton** (YWidget \*parent, const std::string &label, bool isChecked=false)
- virtual [YQComboBox](#) \* **createComboBox** (YWidget \*parent, const std::string &label, bool editable=false)
- virtual [YQSelectionBox](#) \* **createSelectionBox** (YWidget \*parent, const std::string &label)
- virtual [YQTree](#) \* **createTree** (YWidget \*parent, const std::string &label, bool multiselection=false, bool recursive-election=false)
- virtual [YQTable](#) \* **createTable** (YWidget \*parent, YTableHeader \*header, bool multiSelection=false)
- virtual [YQProgressBar](#) \* **createProgressBar** (YWidget \*parent, const std::string &label, int maxValue=100)
- virtual [YQRichText](#) \* **createRichText** (YWidget \*parent, const std::string &text=std::string(), bool plainText-Mode=false)
- virtual [YQIntField](#) \* **createIntField** (YWidget \*parent, const std::string &label, int minVal, int maxVal, int initialVal)
- virtual [YQMenuButton](#) \* **createMenuButton** (YWidget \*parent, const std::string &label)
- virtual [YQMultiLineEdit](#) \* **createMultiLineEdit** (YWidget \*parent, const std::string &label)
- virtual [YQImage](#) \* **createImage** (YWidget \*parent, const std::string &imageFileName, bool animated=false)
- virtual [YQLogView](#) \* **createLogView** (YWidget \*parent, const std::string &label, int visibleLines, int stored-Lines=0)
- virtual [YQMultiSelectionBox](#) \* **createMultiSelectionBox** (YWidget \*parent, const std::string &label)
- virtual [YQBusyIndicator](#) \* **createBusyIndicator** (YWidget \*parent, const std::string &label, int maxValue=100)
- virtual YPackageSelector \* **createPackageSelector** (YWidget \*parent, long modeFlags=0)
- virtual YWidget \* **createPkgSpecial** (YWidget \*parent, const std::string &name)
- virtual [YQSpacing](#) \* **createSpacing** (YWidget \*parent, YUIDimension dim, bool stretchable=false, YLayoutSize\_t size=0.0)
- virtual [YQEmpty](#) \* **createEmpty** (YWidget \*parent)
- virtual [YQAlignment](#) \* **createAlignment** (YWidget \*parent, YAlignmentType horAlignment, YAlignmentType vert-Alignment)
- virtual [YQSquash](#) \* **createSquash** (YWidget \*parent, bool horSquash, bool vertSquash)
- virtual [YQFrame](#) \* **createFrame** (YWidget \*parent, const std::string &label)
- virtual [YQCheckBoxFrame](#) \* **createCheckBoxFrame** (YWidget \*parent, const std::string &label, bool checked)
- virtual [YQRadioButtonGroup](#) \* **createRadioButtonGroup** (YWidget \*parent)
- virtual [YQReplacePoint](#) \* **createReplacePoint** (YWidget \*parent)

## Protected Member Functions

- [YQWidgetFactory](#) ()
- virtual [~YQWidgetFactory](#) ()

## Friends

- class **YQUI**

### 3.75.1 Detailed Description

Concrete widget factory for mandatory widgets.

Definition at line 68 of file [YQWidgetFactory.h](#).

### 3.75.2 Constructor & Destructor Documentation

#### 3.75.2.1 YQWidgetFactory::YQWidgetFactory ( ) [protected]

Constructor.

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

Definition at line 40 of file [YQWidgetFactory.cc](#).

#### 3.75.2.2 YQWidgetFactory::~YQWidgetFactory ( ) [protected], [virtual]

Destructor.

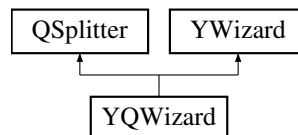
Definition at line 47 of file [YQWidgetFactory.cc](#).

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

- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWidgetFactory.h
- /home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWidgetFactory.cc

## 3.76 YQWizard Class Reference

Inheritance diagram for YQWizard:



### Classes

- class [Step](#)
- class [StepHeading](#)
- class [TreeItem](#)

### Public Types

- enum **Direction** { **Forward**, **Backward** }

### Public Slots

- void [resizeClientArea](#) ()
- void [showHelp](#) ()
- void [showSteps](#) ()
- void [showTree](#) ()

## Signals

- void [backClicked](#) ()
- void [abortClicked](#) ()
- void [nextClicked](#) ()

## Public Member Functions

- [YQWizard](#) (YWidget \*parent, const std::string &backButtonLabel, const std::string &abortButtonLabel, const std::string &nextButtonLabel, YWizardMode wizardMode=YWizardMode\_Standard)
- virtual [~YQWizard](#) ()
- virtual std::string [debugLabel](#) () const
- Direction [direction](#) () const
- virtual [YQWizardButton](#) \* [backButton](#) () const
- virtual [YQWizardButton](#) \* [abortButton](#) () const
- virtual [YQWizardButton](#) \* [nextButton](#) () const
- virtual YReplacePoint \* [contentsReplacePoint](#) () const
- virtual void [setButtonLabel](#) (YPushButton \*button, const std::string &newLabel)
- virtual void [setHelpText](#) (const std::string &helpText)
- virtual void [setDialogIcon](#) (const std::string &iconName)
- virtual void [setDialogTitle](#) (const std::string &titleText)
- virtual void [setDialogHeading](#) (const std::string &headingText)
- virtual void [addStep](#) (const std::string &text, const std::string &id)
- virtual void [addStepHeading](#) (const std::string &text)
- QList< [YQWizard::Step](#) \* > [stepsList](#) ()
- void [copySteps](#) ([YQWizard](#) \*wizard)
- virtual void [deleteSteps](#) ()
- virtual void [setCurrentStep](#) (const std::string &id)
- QString [currentStep](#) ()
- virtual void [updateSteps](#) ()
- virtual void [addTreeItem](#) (const std::string &parentID, const std::string &text, const std::string &id)
- virtual void [selectTreeItem](#) (const std::string &id)
- virtual std::string [currentTreeSelection](#) ()
- virtual void [deleteTreeItems](#) ()
- virtual void [addMenu](#) (const std::string &text, const std::string &id)
- virtual void [addSubMenu](#) (const std::string &parentMenuID, const std::string &text, const std::string &id)
- virtual void [addMenuEntry](#) (const std::string &parentMenuID, const std::string &text, const std::string &id)
- virtual void [addMenuSeparator](#) (const std::string &parentMenuID)
- virtual void [deleteMenus](#) ()
- virtual void [showReleaseNotesButton](#) (const std::string &label, const std::string &id)
- virtual void [hideReleaseNotesButton](#) ()
- virtual void [retranslateInternalButtons](#) ()
- virtual bool [eventFilter](#) (QObject \*obj, QEvent \*ev)
- QWidget \* [workArea](#) () const
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int newWidth, int newHeight)
- bool [isSecondary](#) () const

## Protected Slots

- void [slotBackClicked](#) ()
- void [slotAbortClicked](#) ()
- void [slotNextClicked](#) ()
- void [releaseNotesClicked](#) ()
- void [sendTreeEvent](#) (QTreeWidgetItem \*item)
- void [treeSelectionChanged](#) ()
- void [sendMenuEvent](#) (QAction \*action)

## Protected Member Functions

- void **layoutTitleBar** (QWidget \*parent)
- QLayout \* **layoutSideBar** (QWidget \*parent)
- void **layoutSideBarButtonBox** (QWidget \*parent, QPushButton \*button)
- void **layoutStepsPanel** ()
- void **layoutTreePanel** ()
- QWidget \* **layoutWorkArea** (QWidget \*parent)
- void **layoutClientArea** (QWidget \*parent)
- QLayout \* **layoutButtonBox** (QWidget \*parent)
- void [destroyButtons](#) ()
- void [updateStepStates](#) ()
- void [sendEvent](#) (const std::string &id)
- void [connectNotify](#) (const char \*signal)
- void [disconnectNotify](#) (const char \*signal)
- void [setButtonLabel](#) (YQWizardButton \*button, const QString &newLabel)
- void [enableButton](#) (YQWizardButton \*button, bool enabled)
- void [setButtonFocus](#) (YQWizardButton \*button)
- YQWizard::Step \* [findStep](#) (const QString &id)
- YQWizard::TreeWidgetItem \* [findTreeWidgetItem](#) (const std::string &id)

## Protected Attributes

- std::string **\_backButtonLabel**
- std::string **\_abortButtonLabel**
- std::string **\_nextButtonLabel**
- bool **\_stepsEnabled**
- bool **\_stepsRegistered**
- bool **\_treeEnabled**
- bool **\_protectNextButton**
- bool **\_stepsDirty**
- bool **\_sendButtonEvents**
- Direction **\_direction**
- QString **\_currentStepID**
- QString **\_qHelpText**
- QY2HelpDialog \* **\_helpDlg**
- QStackedWidget \* **\_sideBar**
- QWidget \* **\_stepsPanel**
- QPushButton \* **\_releaseNotesButton**
- std::string **\_releaseNotesButtonId**

- QPushButton \* **\_helpButton**
- QPushButton \* **\_stepsButton**
- QPushButton \* **\_treeButton**
- QFrame \* **\_treePanel**
- [QY2ListView](#) \* **\_tree**
- QFrame \* **\_workArea**
- QWidget \* **\_clientArea**
- QMenuBar \* **\_menuBar**
- QLabel \* **\_dialogIcon**
- QLabel \* **\_dialogHeading**
- [YQAlignment](#) \* **\_contents**
- [YQWizardButton](#) \* **\_backButton**
- [YQWizardButton](#) \* **\_abortButton**
- [YQWizardButton](#) \* **\_nextButton**
- YReplacePoint \* **\_contentsReplacePoint**
- QList< [YQWizard::Step](#) \* > **\_stepsList**
- QHash< QString, [YQWizard::Step](#) \* > **\_stepsIDs**
- QHash< QString, [YQWizard::TreeItem](#) \* > **\_treeIDs**
- QHash< QString, QMenu \* > **\_menuIDs**
- QHash< QAction \*, std::string > **\_menuEntryIDs**
- QIcon **\_previousWindowIcon**

### 3.76.1 Detailed Description

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

### 3.76.2 Constructor & Destructor Documentation

3.76.2.1 `YQWizard::YQWizard ( QWidget * parent, const std::string & backButtonLabel, const std::string & abortButtonLabel, const std::string & nextButtonLabel, YWizardMode wizardMode = YWizardMode_Standard )`

Constructor.

Definition at line 86 of file [YQWizard.cc](#).

3.76.2.2 `YQWizard::~YQWizard ( ) [virtual]`

Destructor.

Definition at line 178 of file [YQWizard.cc](#).

### 3.76.3 Member Function Documentation

3.76.3.1 `void YQWizard::abortClicked ( ) [signal]`

Emitted when the "Abort" button is clicked.

**3.76.3.2 void YQWizard::addMenu ( const std::string & *text*, const std::string & *id* ) [virtual]**

Add a menu to the menu bar. If the menu bar is not visible yet, it will be made visible. 'text' is the user-visible text for the menu bar (including keyboard shortcuts marked with '&'), 'id' is the menu ID for later [addMenuEntry\(\)](#) etc. calls.

Implemented from YWizard.

Definition at line [1053](#) of file [YQWizard.cc](#).

**3.76.3.3 void YQWizard::addMenuEntry ( const std::string & *parentMenuID*, const std::string & *text*, const std::string & *id* ) [virtual]**

Add a menu entry to the menu with ID 'parentMenuID'. 'id' is what will be returned by `UI::UserInput()` etc. when a user activates this menu entry.

Implemented from YWizard.

Definition at line [1097](#) of file [YQWizard.cc](#).

**3.76.3.4 void YQWizard::addMenuSeparator ( const std::string & *parentMenuID* ) [virtual]**

Add a menu separator to a menu.

Implemented from YWizard.

Definition at line [1120](#) of file [YQWizard.cc](#).

**3.76.3.5 void YQWizard::addStep ( const std::string & *text*, const std::string & *id* ) [virtual]**

Add a step for the steps panel on the side bar. This only adds the step to the internal list of steps. The display is only updated upon calling [updateSteps\(\)](#).

Implemented from YWizard.

Definition at line [282](#) of file [YQWizard.cc](#).

**3.76.3.6 void YQWizard::addStepHeading ( const std::string & *text* ) [virtual]**

Add a step heading for the steps panel on the side bar. This only adds the heading to the internal list of steps. The display is only updated upon calling [updateSteps\(\)](#).

Implemented from YWizard.

Definition at line [318](#) of file [YQWizard.cc](#).

**3.76.3.7 void YQWizard::addSubMenu ( const std::string & *parentMenuID*, const std::string & *text*, const std::string & *id* ) [virtual]**

Add a submenu to the menu with ID 'parentMenuID'.

Implemented from YWizard.

Definition at line [1073](#) of file [YQWizard.cc](#).

**3.76.3.8** `void YQWizard::addTreeltem ( const std::string & parentID, const std::string & text, const std::string & id )`  
[virtual]

Add a tree item. If "parentID" is an empty std::string, it will be a root item. 'text' is the text that will be displayed in the tree, 'id' the ID with which this newly created item can be referenced - and that will be returned when the user clicks on a tree item.

Implemented from YWizard.

Definition at line 573 of file [YQWizard.cc](#).

**3.76.3.9** `virtual YQWizardButton* YQWizard::backButton ( ) const` [inline], [virtual]

Return internal widgets.

Implemented from YWizard.

Definition at line 110 of file [YQWizard.h](#).

**3.76.3.10** `void YQWizard::backClicked ( )` [signal]

Emitted when the "Back" or "Cancel" button is clicked.

**3.76.3.11** `void YQWizard::connectNotify ( const char * signal )` [protected]

Notification that a signal is being connected.

Reimplemented from QObject.

Definition at line 886 of file [YQWizard.cc](#).

**3.76.3.12** `void YQWizard::copySteps ( YQWizard * wizard )`

Create a copy of given wizard's steps set (names & IDs) Populates \_stepsList structure of current wizard

Definition at line 485 of file [YQWizard.cc](#).

**3.76.3.13** `QString YQWizard::currentStep ( )` [inline]

Return QString ID of currently active step

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

**3.76.3.14** `string YQWizard::currentTreeSelection ( )` [virtual]

Returns the current tree selection or an empty std::string if nothing is selected or there is no tree.

Implemented from YWizard.

Definition at line 663 of file [YQWizard.cc](#).

**3.76.3.15** `string YQWizard::debugLabel ( ) const` [virtual]

Returns a descriptive label of this dialog instance for debugging.



Reimplemented from YWidget.

Definition at line 953 of file [YQWizard.cc](#).

#### 3.76.3.16 void YQWizard::deleteMenus ( ) [virtual]

Delete all menus and hide the menu bar.

Implemented from YWizard.

Definition at line 1135 of file [YQWizard.cc](#).

#### 3.76.3.17 void YQWizard::deleteSteps ( ) [virtual]

Delete all steps and step headings from the internal lists. The display is only updated upon calling [updateSteps\(\)](#).

Implemented from YWizard.

Definition at line 517 of file [YQWizard.cc](#).

#### 3.76.3.18 void YQWizard::deleteTreeItems ( ) [virtual]

Delete all tree items.

Implemented from YWizard.

Definition at line 608 of file [YQWizard.cc](#).

#### 3.76.3.19 void YQWizard::destroyButtons ( ) [protected]

Destroy the button box's buttons

Definition at line 873 of file [YQWizard.cc](#).

#### 3.76.3.20 Direction YQWizard::direction ( ) const [inline]

Returns the current direction of wizard operations - going forward or going backward. This can be used to maintain a consistent direction when assigning default buttons to a dialog.

Definition at line 99 of file [YQWizard.h](#).

#### 3.76.3.21 void YQWizard::disconnectNotify ( const char \* *signal* ) [protected]

Notification that a signal is being disconnected.

Reimplemented from QObject.

Definition at line 896 of file [YQWizard.cc](#).

#### 3.76.3.22 void YQWizard::enableButton ( YQWizardButton \* *button*, bool *enabled* ) [protected]

Enable or disable a button.

**3.76.3.23** `bool YQWizard::eventFilter ( QObject * obj, QEvent * ev ) [virtual]`

Event filter.

Reimplemented from QWidget.

Definition at line 1190 of file [YQWizard.cc](#).

**3.76.3.24** `YQWizard::Step * YQWizard::findStep ( const QString & id ) [protected]`

Find a step with the specified ID. Returns 0 if there is no such step.

Definition at line 532 of file [YQWizard.cc](#).

**3.76.3.25** `YQWizard::TreeItem * YQWizard::findTreeItem ( const std::string & id ) [protected]`

Find a tree item with the specified ID. Tree items without IDs cannot be found at all. Returns the item or 0 if no such item found.

Definition at line 618 of file [YQWizard.cc](#).

**3.76.3.26** `void YQWizard::hideReleaseNotesButton ( ) [virtual]`

Hide an existing "Release Notes" button.

Implemented from YWizard.

Definition at line 1245 of file [YQWizard.cc](#).

**3.76.3.27** `bool YQWizard::isSecondary ( ) const`

Returns true if the wizard should follow the first wizard with steps

Definition at line 198 of file [YQWizard.cc](#).

**3.76.3.28** `void YQWizard::nextClicked ( ) [signal]`

Emitted when the "Next" or "OK" button is clicked.

Notice: As long as this signal is connected, the wizard will no longer send button events to the UI. Rather, the connected QObject has to take care to propagate those events. This is used in YQPatternSelector, for example.

**3.76.3.29** `int YQWizard::preferredHeight ( ) [virtual]`

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 1172 of file [YQWizard.cc](#).

**3.76.3.30** `int YQWizard::preferredWidth ( ) [virtual]`

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 1166 of file [YQWizard.cc](#).

**3.76.3.31** void YQWizard::releaseNotesClicked ( ) [protected], [slot]

Propagate button clicked event of release notes button to the application.

Definition at line 1023 of file [YQWizard.cc](#).

**3.76.3.32** void YQWizard::resizeClientArea ( ) [slot]

Adapt the size of the client area (the ReplacePoint(id (contents)) to fit in its current space.

Definition at line 1184 of file [YQWizard.cc](#).

**3.76.3.33** void YQWizard::retranslateInternalButtons ( ) [virtual]

Retranslate internal buttons that are not accessible from the outside:

- [Help]
- [Steps]
- [Tree]

Implemented from YWizard.

Definition at line 1252 of file [YQWizard.cc](#).

**3.76.3.34** void YQWizard::selectTreeItem ( const std::string & id ) [virtual]

Select the tree item with the specified ID, if such an item exists.

Implemented from YWizard.

Definition at line 627 of file [YQWizard.cc](#).

**3.76.3.35** void YQWizard::sendEvent ( const std::string & id ) [protected]

Send a wizard event with the specified ID.

Definition at line 1160 of file [YQWizard.cc](#).

**3.76.3.36** void YQWizard::sendMenuEvent ( QAction \* action ) [protected], [slot]

Internal notification that a menu item with numeric ID 'numID' has been activated.

Definition at line 1147 of file [YQWizard.cc](#).

**3.76.3.37** void YQWizard::sendTreeEvent ( QTreeWidgetItem \* *item* ) [protected],[slot]

Internal notification that [Space] or [Return] has been pressed on a tree item. If the item has an ID, that ID will be returned to UI::UserInput().

Definition at line 644 of file [YQWizard.cc](#).

**3.76.3.38** void YQWizard::setButtonFocus ( YQWizardButton \* *button* ) [protected]

Set the keyboard focus to a button.

**3.76.3.39** void YQWizard::setButtonLabel ( YPushButton \* *button*, const std::string & *newLabel* ) [virtual]

Set the label of one of the wizard buttons ([backButton\(\)](#), [abortButton\(\)](#), [nextButton\(\)](#) ) if that button is non-null.

Implemented from YWizard.

Definition at line 1208 of file [YQWizard.cc](#).

**3.76.3.40** void YQWizard::setButtonLabel ( YQWizardButton \* *button*, const QString & *newLabel* ) [protected]

Set a button's label.

**3.76.3.41** void YQWizard::setCurrentStep ( const std::string & *id* ) [virtual]

Set the current step. This also triggers [updateSteps\(\)](#) if necessary.

Implemented from YWizard.

Definition at line 477 of file [YQWizard.cc](#).

**3.76.3.42** void YQWizard::setDialogHeading ( const std::string & *headingText* ) [virtual]

Set the dialog heading.

Implemented from YWizard.

Definition at line 942 of file [YQWizard.cc](#).

**3.76.3.43** void YQWizard::setDialogIcon ( const std::string & *iconName* ) [virtual]

Set the dialog icon. An empty icon name clears the current icon.

Implemented from YWizard.

Definition at line 906 of file [YQWizard.cc](#).

**3.76.3.44** void YQWizard::setDialogTitle ( const std::string & *titleText* ) [virtual]

Set the dialog title shown in window manager's title bar. An empty std::string clears the current text.

Implemented from YWizard.

Definition at line 931 of file [YQWizard.cc](#).

**3.76.3.45** void YQWizard::setHelpText ( const std::string & *helpText* ) [virtual]

Set the help text.

Implemented from YWizard.

Definition at line 968 of file [YQWizard.cc](#).

**3.76.3.46** void YQWizard::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 1178 of file [YQWizard.cc](#).

**3.76.3.47** void YQWizard::showHelp ( ) [slot]

Show the current help text.

This is useful only if it is obscured by any wizard steps, but it can safely be called at any time.

Definition at line 1006 of file [YQWizard.cc](#).

**3.76.3.48** void YQWizard::showReleaseNotesButton ( const std::string & *label*, const std::string & *id* ) [virtual]

Show a "Release Notes" button above the "Help" button in the steps panel with the specified label that will return the specified id to UI::UserInput() when clicked.

The button (or the wizard) will assume ownership of the id and delete it in the destructor.

Implemented from YWizard.

Definition at line 1225 of file [YQWizard.cc](#).

**3.76.3.49** void YQWizard::showSteps ( ) [slot]

Show the current wizard steps, if there are any. If there are none, nothing happens.

Definition at line 1035 of file [YQWizard.cc](#).

**3.76.3.50** void YQWizard::showTree ( ) [slot]

Show the current selection tree in the side panel, if there is any. If there is none, nothing happens.

Definition at line 1044 of file [YQWizard.cc](#).

**3.76.3.51** void YQWizard::slotAbortClicked ( ) [protected],[slot]

Internal notification that the "Abort" button has been clicked.

Definition at line 986 of file [YQWizard.cc](#).

### 3.76.3.52 void YQWizard::slotBackClicked ( ) [protected],[slot]

Internal notification that the "Back" button has been clicked.

Definition at line 975 of file [YQWizard.cc](#).

### 3.76.3.53 void YQWizard::slotNextClicked ( ) [protected],[slot]

Internal notification that the "Next" button has been clicked.

Definition at line 995 of file [YQWizard.cc](#).

### 3.76.3.54 QList<YQWizard::Step\*> YQWizard::stepsList ( ) [inline]

Return list of pointers to steps. Not needed outside [copySteps\(\)](#) function

Definition at line 182 of file [YQWizard.h](#).

### 3.76.3.55 void YQWizard::treeSelectionChanged ( ) [protected],[slot]

Internal notification that the tree selection has changed.

If the currently selected item has an ID, that ID will be returned to [UI::UserInput\(\)](#).

Definition at line 656 of file [YQWizard.cc](#).

### 3.76.3.56 void YQWizard::updateSteps ( ) [virtual]

Update the steps display: Reflect the internal steps and heading lists in the layout.

Implemented from YWizard.

Definition at line 325 of file [YQWizard.cc](#).

### 3.76.3.57 void YQWizard::updateStepStates ( ) [protected]

Update all step - use appropriate icons and colors

Definition at line 434 of file [YQWizard.cc](#).

### 3.76.3.58 QWidget\* YQWizard::workArea ( ) const [inline]

Return this wizard's work area (the pane right of the side bar). This should not be needed outside of [YQMainWinDock](#).

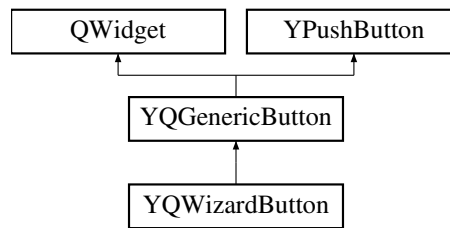
Definition at line 354 of file [YQWizard.h](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWizard.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWizard.cc](#)

## 3.77 YQWizardButton Class Reference

Inheritance diagram for YQWizardButton:



### Signals

- void [clicked](#) ()

### Public Member Functions

- [YQWizardButton](#) ([YQWizard](#) \*[wizard](#), QWidget \*[buttonParent](#), const std::string &[label](#))
- virtual [~YQWizardButton](#) ()
- virtual const char \* [widgetClass](#) () const
- void [hide](#) ()
- void [show](#) ()
- bool [isShown](#) () const
- bool [isHidden](#) () const
- virtual int [preferredWidth](#) ()
- virtual int [preferredHeight](#) ()
- virtual void [setSize](#) (int [newWidth](#), int [newHeight](#))
- [YQWizard](#) \* [wizard](#) () const

### Additional Inherited Members

#### 3.77.1 Detailed Description

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

#### 3.77.2 Constructor & Destructor Documentation

##### 3.77.2.1 YQWizardButton::YQWizardButton ( YQWizard \* *wizard*, QWidget \* *buttonParent*, const std::string & *label* )

Constructor.

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

##### 3.77.2.2 YQWizardButton::~YQWizardButton ( ) [virtual]

Destructor.

Definition at line 59 of file [YQWizardButton.cc](#).

### 3.77.3 Member Function Documentation

#### 3.77.3.1 void YQWizardButton::clicked ( ) [signal]

Emitted when the button is clicked or otherwise activated.

#### 3.77.3.2 void YQWizardButton::hide ( )

Hide the associated QPushButton.

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

#### 3.77.3.3 bool YQWizardButton::isHidden ( ) const

Returns 'true' if the associated QPushButton (!) is hidden.

Definition at line 89 of file [YQWizardButton.cc](#).

#### 3.77.3.4 bool YQWizardButton::isShown ( ) const

Returns 'true' if the associated QPushButton (!) is shown.

Definition at line 80 of file [YQWizardButton.cc](#).

#### 3.77.3.5 int YQWizardButton::preferredHeight ( ) [virtual]

Preferred height of the widget.

Reimplemented from YWidget.

Definition at line 104 of file [YQWizardButton.cc](#).

#### 3.77.3.6 int YQWizardButton::preferredWidth ( ) [virtual]

Preferred width of the widget.

Reimplemented from YWidget.

Definition at line 95 of file [YQWizardButton.cc](#).

#### 3.77.3.7 void YQWizardButton::setSize ( int *newWidth*, int *newHeight* ) [virtual]

Set the new size of the widget.

Reimplemented from YWidget.

Definition at line 113 of file [YQWizardButton.cc](#).

#### 3.77.3.8 void YQWizardButton::show ( )

Show the associated QPushButton - not this widget itself (!). This widget itself will never become visible.

Definition at line 73 of file [YQWizardButton.cc](#).



**3.77.3.9** `virtual const char* YQWizardButton::widgetClass ( ) const [inline],[virtual]`

Returns a descriptive name of this widget class for logging, debugging etc.

Definition at line 58 of file [YQWizardButton.h](#).

**3.77.3.10** `YQWizard* YQWizardButton::wizard ( ) const [inline]`

Returns the wizard this wizard button belongs to.

Definition at line 105 of file [YQWizardButton.h](#).

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

- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWizardButton.h](#)
- [/home/iurt/rpmbuild/BUILD/libyui-qt-2.43.5-a7daf1f/src/YQWizardButton.cc](#)

# Index

- ~QY2CharValidator
  - QY2CharValidator, [10](#)
- ~QY2CheckListItem
  - QY2CheckListItem, [11](#)
- ~QY2ComboTabWidget
  - QY2ComboTabWidget, [13](#)
- ~QY2DiskUsageList
  - QY2DiskUsageList, [15](#)
- ~QY2DiskUsageListItem
  - QY2DiskUsageListItem, [17](#)
- ~QY2ListView
  - QY2ListView, [22](#)
- ~QY2ListViewItem
  - QY2ListViewItem, [25](#)
- ~QY2StyleEditor
  - QY2StyleEditor, [27](#)
- ~Step
  - YQWizard::Step, [30](#)
- ~YQApplication
  - YQApplication, [35](#)
- ~YQBarGraph
  - YQBarGraph, [42](#)
- ~YQBusyIndicator
  - YQBusyIndicator, [44](#)
- ~YQButtonBox
  - YQButtonBox, [46](#)
- ~YQCheckBox
  - YQCheckBox, [48](#)
- ~YQComboBox
  - YQComboBox, [52](#)
- ~YQContextMenu
  - YQContextMenu, [56](#)
- ~YQDateField
  - YQDateField, [58](#)
- ~YQDialog
  - YQDialog, [61](#)
- ~YQDownloadProgress
  - YQDownloadProgress, [67](#)
- ~YQDumbTab
  - YQDumbTab, [69](#)
- ~YQEmpty
  - YQEmpty, [71](#)
- ~YQFrame
  - YQFrame, [72](#)
- ~YQGenericButton
  - YQGenericButton, [74](#)
- ~YQGraphPluginStub
  - YQGraphPluginStub, [77](#)
- ~YQImage
  - YQImage, [79](#)
- ~YQIntField
  - YQIntField, [84](#)
- ~YQLabel
  - YQLabel, [86](#)
- ~YQLayoutBox
  - YQLayoutBox, [88](#)
- ~YQLogView
  - YQLogView, [90](#)
- ~YQMainWinDock
  - YQMainWinDock, [92](#)
- ~YQMenuButton
  - YQMenuButton, [95](#)
- ~YQMultiLineEdit
  - YQMultiLineEdit, [98](#)
- ~YQMultiProgressMeter
  - YQMultiProgressMeter, [101](#)
- ~YQMultiSelectionBox
  - YQMultiSelectionBox, [105](#)
- ~YQMultiSelectionBoxItem
  - YQMultiSelectionBoxItem, [108](#)
- ~YQOptionalWidgetFactory
  - YQOptionalWidgetFactory, [110](#)
- ~YQPackageSelectorPluginStub
  - YQPackageSelectorPluginStub, [112](#)
- ~YQPartitionSplitter
  - YQPartitionSplitter, [114](#)
- ~YQProgressBar
  - YQProgressBar, [116](#)
- ~YQPushButton
  - YQPushButton, [118](#)
- ~YQRadioButtonGroup
  - YQRadioButtonGroup, [122](#)
- ~YQRawLineEdit
  - YQRawLineEdit, [123](#)
- ~YQRichText
  - YQRichText, [126](#)
- ~YQSelectionBox
  - YQSelectionBox, [129](#)
- ~YQSignalBlocker
  - YQSignalBlocker, [132](#)

- ~YQSlider
  - YQSlider, [133](#)
- ~YQSquash
  - YQSquash, [137](#)
- ~YQTable
  - YQTable, [138](#)
- ~YQTimeField
  - YQTimeField, [144](#)
- ~YQTimezoneSelector
  - YQTimezoneSelector, [146](#)
- ~YQTree
  - YQTree, [149](#)
- ~YQUI
  - YQUI, [156](#)
- ~YQWidgetCaption
  - YQWidgetCaption, [163](#)
- ~YQWidgetFactory
  - YQWidgetFactory, [165](#)
- ~YQWizard
  - YQWizard, [168](#)
- ~YQWizardButton
  - YQWizardButton, [177](#)
- \_fontFamily
  - YQApplication, [40](#)
- \_item\_count
  - YQMultiSelectionBoxItem, [109](#)
- \_langFonts
  - YQApplication, [41](#)
- \_qtTranslations
  - YQApplication, [41](#)
- \_serial
  - QY2ListViewItem, [26](#)
- abortClicked
  - YQWizard, [168](#)
- activate
  - YQDialog, [62](#)
  - YQGenericButton, [75](#)
- activateCurrentDialog
  - YQMainWinDock, [93](#)
- activateDefaultButton
  - YQDialog, [62](#)
- add
  - YQMainWinDock, [93](#)
- addItem
  - YQComboBox, [53](#)
  - YQDumbTab, [69](#)
  - YQMultiSelectionBox, [105](#)
  - YQSelectionBox, [129](#)
  - YQTable, [138](#)
- addItems
  - YQSelectionBox, [129](#)
  - YQTable, [139](#)
- addMenu
  - YQWizard, [168](#)
- addMenuEntry
  - YQWizard, [169](#)
- addMenuSeparator
  - YQWizard, [169](#)
- addPage
  - QY2ComboTabWidget, [14](#)
- addRadioButton
  - YQRadioButtonGroup, [122](#)
- addStep
  - YQWizard, [169](#)
- addStepHeading
  - YQWizard, [169](#)
- addSubMenu
  - YQWizard, [169](#)
- addTreeWidgetItem
  - YQWizard, [169](#)
- applicationTitle
  - YQUI, [156](#)
- askConfigureLogging
  - YQUI, [156](#)
- askForExistingDirectory
  - YQApplication, [36](#)
- askForExistingFile
  - YQApplication, [36](#)
- askForSaveFileName
  - YQApplication, [36](#)
- askPlayMacro
  - YQUI, [156](#)
- askSaveLogs
  - YQUI, [156](#)
- autoFonts
  - YQApplication, [36](#)
- backButton
  - YQWizard, [170](#)
- backClicked
  - YQWizard, [170](#)
- beep
  - YQApplication, [37](#)
- blockEvents
  - YQUI, [156](#)
- boldFont
  - YQApplication, [37](#)
- buildDisplayTree
  - YQTree, [149](#)
- BusyBar, [7](#)
  - run, [7](#)
  - stop, [7](#)
- busyCursor
  - YQApplication, [37](#)
  - YQUI, [157](#)
- calcDefaultSize
  - YQUI, [157](#)

- cellChanged
  - YQTable, [139](#)
- center
  - YQDialog, [62](#)
- changed
  - YQInputField, [81](#)
  - YQMultiLineEdit, [98](#)
  - YQRadioButton, [120](#)
- childEvent
  - YQCheckBoxFrame, [50](#)
- chooseParent
  - YQDialog, [62](#)
- clear
  - QY2ListView, [22](#)
- clearCapsLockWarning
  - YQInputField, [81](#)
- clicked
  - YQWizardButton, [178](#)
- close
  - YQUI, [157](#)
- closeEvent
  - YQDialog, [62](#)
  - YQMainWinDock, [93](#)
- columnClicked
  - QY2ListView, [22](#)
- columnDoubleClicked
  - QY2ListView, [22](#)
- columnWidthChanged
  - QY2ListView, [22](#)
- connectNotify
  - YQWizard, [170](#)
- consumePendingEvent
  - YQUI, [157](#)
- contextMenuPos
  - YQApplication, [37](#)
- copySteps
  - YQWizard, [170](#)
- couldDock
  - YQMainWinDock, [93](#)
- createGraph
  - YQGraphPluginStub, [78](#)
- createOptionalWidgetFactory
  - YQUI, [157](#)
- createPackageSelector
  - YQPackageSelectorPluginStub, [112](#)
- createPatternSelector
  - YQPackageSelectorPluginStub, [112](#)
- createSimplePatchSelector
  - YQPackageSelectorPluginStub, [112](#)
- createWidgetFactory
  - YQUI, [157](#)
- currentChanged
  - QY2ComboBoxWidget, [14](#)
- currentFont
  - YQApplication, [37](#)
- currentItem
  - YQMultiSelectionBox, [105](#)
  - YQTree, [149](#)
- currentStep
  - YQWizard, [170](#)
- currentTreeSelection
  - YQWizard, [170](#)
- currentZone
  - YQTimezoneSelector, [147](#)
- debugLabel
  - YQWizard, [170](#)
- defaultButton
  - YQDialog, [62](#)
- defaultSegmentColor
  - YQBarGraph, [42](#)
- defaultSize
  - YQUI, [157](#)
- defaultTextColor
  - YQBarGraph, [42](#)
- deleteAllItems
  - YQComboBox, [53](#)
  - YQDumbTab, [69](#)
  - YQMultiSelectionBox, [105](#)
  - YQSelectionBox, [129](#)
  - YQTable, [139](#)
  - YQTree, [150](#)
- deleteFonts
  - YQApplication, [37](#)
- deleteMenus
  - YQWizard, [171](#)
- deleteNotify
  - YQUI, [158](#)
- deleteSteps
  - YQWizard, [171](#)
- deleteTreeItems
  - YQWizard, [171](#)
- deselectAllItems
  - YQDumbTab, [69](#)
  - YQMultiSelectionBox, [106](#)
  - YQSelectionBox, [130](#)
  - YQTable, [139](#)
  - YQTree, [150](#)
- destroyButtons
  - YQWizard, [171](#)
- deviceName
  - QY2DiskUsageListItem, [17](#)
- deviceUnits
  - YQApplication, [37](#)
- dialog
  - YQGenericButton, [75](#)
- direction
  - YQWizard, [171](#)

- disconnectNotify
  - YQWizard, [171](#)
- displayCapsLockWarning
  - YQInputField, [81](#)
- displayLogText
  - YQLogView, [90](#)
- doUpdate
  - YQBarGraph, [42](#)
  - YQMultiProgressMeter, [101](#)
- drawMarkers
  - YQMultiProgressMeter, [101](#)
- drawSegment
  - YQMultiProgressMeter, [101](#)
- enableButton
  - YQWizard, [171](#)
- enforceMaxInputLength
  - YQMultiLineEdit, [98](#)
- ensureOnlyOneDefaultButton
  - YQDialog, [62](#), [63](#)
- eventFilter
  - QY2ListView, [22](#)
  - YQGenericButton, [75](#)
  - YQRadioButton, [120](#)
  - YQRichText, [126](#)
  - YQSelectionBox, [130](#)
  - YQWizard, [171](#)
- eventLoop
  - YQDialog, [63](#)
- eventPendingFor
  - YQUI, [158](#)
- eventsBlocked
  - YQUI, [158](#)
- fatalError
  - YQUI, [158](#)
- findDefaultButton
  - YQDialog, [63](#)
- findItem
  - YQMultiSelectionBox, [106](#)
- findStep
  - YQWizard, [172](#)
- findTreeItem
  - YQWizard, [172](#)
- findWizard
  - YQDialog, [63](#)
- focusButton
  - YQDialog, [63](#)
- fontKey
  - YQApplication, [38](#)
- forceUnblockEvents
  - YQUI, [158](#)
- freeSize
  - QY2DiskUsageListItem, [17](#)
- fullscreen
  - YQUI, [158](#)
- gettingFocus
  - YQDialog, [63](#)
- glyph
  - YQApplication, [38](#)
- graphPlugin
  - YQApplication, [38](#)
- haveHyperLinks
  - YQRichText, [126](#)
- headingFont
  - YQApplication, [38](#)
- hide
  - YQWizardButton, [178](#)
- hideReleaseNotesButton
  - YQWizard, [172](#)
- highlight
  - YQDialog, [64](#)
- hit
  - YQPushButton, [118](#)
- idleLoop
  - YQUI, [158](#)
- init
  - QY2DiskUsageListItem, [17](#)
  - YQMultiProgressMeter, [101](#)
- initUI
  - YQUI, [158](#)
- isCapsLockActive
  - YQRawLineEdit, [123](#)
- isEnabled
  - YQGenericButton, [75](#)
- isHidden
  - YQWizardButton, [178](#)
- isSecondary
  - YQWizard, [172](#)
- isShown
  - YQWizardButton, [178](#)
- isShownAsDefault
  - YQGenericButton, [75](#)
- isValidText
  - YQComboBox, [53](#)
  - YQInputField, [81](#)
- key
  - YQTreeItem, [153](#)
- keyPressEvent
  - YQDialog, [64](#)
- layoutUnits
  - YQApplication, [38](#)
- length
  - YQMultiProgressMeter, [102](#)
- linkClicked

- YQRichText, 126
- loadPredefinedQtTranslations
  - YQApplication, 38
- losingFocus
  - YQDialog, 64
- mainWinDock
  - YQMainWinDock, 93
- makeScreenShot
  - YQApplication, 38
  - YQUI, 159
- margin
  - YQMultiProgressMeter, 102
- maybeLeftHandedUser
  - YQApplication, 39
- menuEntryActivated
  - YQContextMenu, 56
  - YQMenuButton, 96
- minimumSizeHint
  - QY2ListView, 22
- mouseDoubleClickEvent
  - QY2ListView, 23
- mousePressEvent
  - QY2ListView, 23
- mouseReleaseEvent
  - QY2ListView, 23
- moveChild
  - YQAlignment, 33
  - YQButtonBox, 46
  - YQLayoutBox, 88
- MyTextEdit, 8
- name
  - QY2DiskUsageListItem, 17
- nextClicked
  - YQWizard, 172
- nextSerial
  - QY2ListView, 23
- noBorder
  - YQUI, 159
- normalCursor
  - YQApplication, 39
  - YQUI, 159
- normalPalette
  - YQUI, 159
- openBranch
  - YQTree, 150
- openContextMenu
  - YQApplication, 39
- openInternal
  - YQDialog, 64
- operator<
  - QY2DiskUsageListItem, 18
  - QY2ListViewItem, 26
- origItem
  - YQTableListViewItem, 142
  - YQTreelItem, 153
- packageSelectorPlugin
  - YQApplication, 39
- paintEvent
  - YQBarGraph, 42
  - YQMainWinDock, 93
  - YQMultiProgressMeter, 102
- paintPercentageBar
  - QY2DiskUsageListItem, 18
- pendingEvent
  - YQUI, 159
- pickAutoFonts
  - YQApplication, 39
- pollEventInternal
  - YQDialog, 64
- pollFileSize
  - YQDownloadProgress, 67
- preferredHeight
  - YQBarGraph, 42
  - YQBusyIndicator, 44
  - YQCheckBox, 48
  - YQCheckBoxFrame, 50
  - YQComboBox, 53
  - YQContextMenu, 56
  - YQDateField, 58
  - YQDialog, 64
  - YQDownloadProgress, 67
  - YQDumbTab, 69
  - YQFrame, 72
  - YQImage, 79
  - YQInputField, 81
  - YQIntField, 84
  - YQLabel, 87
  - YQLogView, 90
  - YQMenuButton, 96
  - YQMultiLineEdit, 99
  - YQMultiProgressMeter, 102
  - YQMultiSelectionBox, 106
  - YQPartitionSplitter, 114
  - YQProgressBar, 116
  - YQPushButton, 118
  - YQRadioButton, 120
  - YQRichText, 126
  - YQSelectionBox, 130
  - YQSlider, 134
  - YQTable, 139
  - YQTimeField, 144
  - YQTimezoneSelector, 147
  - YQTree, 150
  - YQWizard, 172
  - YQWizardButton, 178

- preferredWidth
  - YQBarGraph, [43](#)
  - YQBusyIndicator, [44](#)
  - YQCheckBox, [48](#)
  - YQCheckBoxFrame, [50](#)
  - YQComboBox, [53](#)
  - YQContextMenu, [56](#)
  - YQDateField, [58](#)
  - YQDialog, [65](#)
  - YQDownloadProgress, [67](#)
  - YQDumbTab, [70](#)
  - YQFrame, [72](#)
  - YQImage, [79](#)
  - YQInputField, [82](#)
  - YQIntField, [84](#)
  - YQLabel, [87](#)
  - YQLogView, [90](#)
  - YQMenuButton, [96](#)
  - YQMultiLineEdit, [99](#)
  - YQMultiProgressMeter, [102](#)
  - YQMultiSelectionBox, [106](#)
  - YQPartitionSplitter, [114](#)
  - YQProgressBar, [116](#)
  - YQPushButton, [118](#)
  - YQRadioButton, [120](#)
  - YQRichText, [127](#)
  - YQSelectionBox, [130](#)
  - YQSlider, [134](#)
  - YQTable, [139](#)
  - YQTimeField, [144](#)
  - YQTimezoneSelector, [147](#)
  - YQTree, [150](#)
  - YQWizard, [172](#)
  - YQWizardButton, [178](#)
- probeX11Display
  - YQUI, [159](#)
- processCommandLineArgs
  - YQUI, [159](#)
- processUrls
  - QY2Styler, [29](#)
- qPushButton
  - YQGenericButton, [75](#)
- QY2CharValidator, [9](#)
  - ~QY2CharValidator, [10](#)
  - QY2CharValidator, [9](#)
  - QY2CharValidator, [9](#)
  - setValidChars, [10](#)
  - validChars, [10](#)
  - validate, [10](#)
- QY2CheckListItem, [10](#)
  - ~QY2CheckListItem, [11](#)
  - QY2CheckListItem, [11](#)
  - QY2CheckListItem, [11](#)
- serial, [11](#)
- setBackgroundColor, [11](#)
- setTextColor, [12](#)
- toolTip, [12](#)
- updateData, [12](#)
- updateStatus, [12](#)
- QY2ComboTabWidget, [12](#)
  - ~QY2ComboTabWidget, [13](#)
  - addPage, [14](#)
  - currentChanged, [14](#)
  - QY2ComboTabWidget, [13](#)
  - QY2ComboTabWidget, [13](#)
  - showPage, [14](#)
  - showPageIndex, [14](#)
- QY2DiskUsageList, [14](#)
  - ~QY2DiskUsageList, [15](#)
  - QY2DiskUsageList, [15](#)
  - QY2DiskUsageList, [15](#)
- QY2DiskUsageListItem, [16](#)
  - ~QY2DiskUsageListItem, [17](#)
  - deviceName, [17](#)
  - freeSize, [17](#)
  - init, [17](#)
  - name, [17](#)
  - operator<, [18](#)
  - paintPercentageBar, [18](#)
  - QY2DiskUsageListItem, [17](#)
  - QY2DiskUsageListItem, [17](#)
  - setText, [18](#)
  - totalSize, [18](#)
  - updateData, [18](#)
  - updateStatus, [18](#)
  - usedPercent, [19](#)
  - usedSize, [19](#)
- QY2DiskUsagePercentageItem, [19](#)
- QY2HelpDialog, [20](#)
- QY2ListView, [20](#)
  - ~QY2ListView, [22](#)
  - clear, [22](#)
  - columnClicked, [22](#)
  - columnDoubleClicked, [22](#)
  - columnWidthChanged, [22](#)
  - eventFilter, [22](#)
  - minimumSizeHint, [22](#)
  - mouseDoubleClickEvent, [23](#)
  - mousePressEvent, [23](#)
  - mouseReleaseEvent, [23](#)
  - nextSerial, [23](#)
  - QY2ListView, [22](#)
  - QY2ListView, [22](#)
  - restoreColumnWidths, [23](#)
  - saveColumnWidths, [23](#)
  - selectSomething, [23](#)
  - setSortByInsertionSequence, [23](#)

- sortByInsertionSequence, 24
- toolTip, 24
- treeCollapsed, 24
- treeExpanded, 24
- updateItemData, 24
- updateItemStates, 24
- QY2ListViewItem, 25
  - ~QY2ListViewItem, 25
  - \_serial, 26
  - operator<, 26
  - QY2ListViewItem, 25
  - QY2ListViewItem, 25
  - serial, 26
  - toolTip, 26
  - updateData, 26
  - updateStatus, 26
- QY2StyleEditor, 27
  - ~QY2StyleEditor, 27
  - QY2StyleEditor, 27
  - QY2StyleEditor, 27
- QY2Styler, 28
  - processUrls, 29
  - QY2Styler, 28
  - QY2Styler, 28
- raiseFatalError
  - YQUI, 159
- rebuildMenuTree
  - YQContextMenu, 56, 57
  - YQMenuButton, 96
- rebuildTree
  - YQTree, 150
- receivedYCPCCommand
  - YQUI, 160
- releaseNotesClicked
  - YQWizard, 173
- remove
  - YQMainWinDock, 93
- resizeClientArea
  - YQWizard, 173
- resizeEvent
  - YQMainWinDock, 94
- resizeVisibleChild
  - YQMainWinDock, 94
- restoreColumnWidths
  - QY2ListView, 23
- retranslateInternalButtons
  - YQWizard, 173
- returnDelayed
  - YQSelectionBox, 130
- returnImmediately
  - YQSelectionBox, 130
- returnNow
  - YQContextMenu, 57
- YQMenuButton, 96
- run
  - BusyBar, 7
- runPkgSelection
  - YQUI, 160
- saveColumnWidths
  - QY2ListView, 23
- segmentMinLength
  - YQMultiProgressMeter, 102
- selectItem
  - YQDumbTab, 70
  - YQMultiSelectionBox, 106
  - YQSelectionBox, 130
  - YQTable, 139
  - YQTree, 150, 151
- selectOrigItem
  - YQTable, 140
- selectSomething
  - QY2ListView, 23
- selectTreeItem
  - YQWizard, 173
- sendEvent
  - YQUI, 160
  - YQWizard, 173
- sendMenuEvent
  - YQWizard, 173
- sendTreeEvent
  - YQWizard, 173
- serial
  - QY2CheckListItem, 11
  - QY2ListViewItem, 26
- setAlive
  - YQBusyIndicator, 44
- setApplicationIcon
  - YQApplication, 39
- setApplicationTitle
  - YQApplication, 40
  - YQUI, 160
- setAutoFonts
  - YQApplication, 40
- setAutoScale
  - YQImage, 79
- setAutoScrollDown
  - YQRichText, 127
- setBackgroundColor
  - QY2CheckListItem, 11
- setBackgroundPixmap
  - YQAlignment, 33
- setButtonFocus
  - YQWizard, 174
- setButtonLabel
  - YQWizard, 174
- setContextMenuPos



- YQApplication, 40
- setCurrentItem
  - YQMultiSelectionBox, 106
- setCurrentStep
  - YQWizard, 174
- setCurrentZone
  - YQTimezoneSelector, 147
- setDefaultButton
  - YQDialog, 65
- setDialogHeading
  - YQWizard, 174
- setDialogIcon
  - YQWizard, 174
- setDialogTitle
  - YQWizard, 174
- setEnabled
  - YQAlignment, 33
  - YQBarGraph, 43
  - YQBusyIndicator, 45
  - YQButtonBox, 46
  - YQCheckBox, 48
  - YQCheckBoxFrame, 50
  - YQComboBox, 53
  - YQDateField, 59
  - YQDialog, 65
  - YQDownloadProgress, 67
  - YQDumbTab, 70
  - YQFrame, 73
  - YQGenericButton, 75
  - YQImage, 79
  - YQInputField, 82
  - YQIntField, 84
  - YQLabel, 87
  - YQLayoutBox, 88
  - YQLogView, 90
  - YQMenuButton, 96
  - YQMultiLineEdit, 99
  - YQMultiProgressMeter, 102
  - YQMultiSelectionBox, 106
  - YQPartitionSplitter, 114
  - YQProgressBar, 116
  - YQRadioButton, 120
  - YQRadioButtonGroup, 122
  - YQReplacePoint, 124
  - YQRichText, 127
  - YQSelectionBox, 131
  - YQSlider, 134
  - YQSquash, 137
  - YQTable, 140
  - YQTimeField, 145
  - YQTree, 151
- setExpectedSize
  - YQDownloadProgress, 67
- setFilename
  - YQDownloadProgress, 67
- setFreeSizeSlot
  - YQPartitionSplitter, 114
- setHelpText
  - YQWizard, 174
- setIcon
  - YQGenericButton, 75
- setImage
  - YQImage, 79
- setInputMaxLength
  - YQComboBox, 53
  - YQInputField, 82
  - YQMultiLineEdit, 99
- setKeepSorting
  - YQTable, 140
- setKeyboardFocus
  - YQBusyIndicator, 45
  - YQCheckBox, 48
  - YQCheckBoxFrame, 51
  - YQComboBox, 54
  - YQDateField, 59
  - YQGenericButton, 76
  - YQInputField, 82
  - YQIntField, 85
  - YQLogView, 90
  - YQMenuButton, 97
  - YQMultiLineEdit, 99
  - YQMultiSelectionBox, 107
  - YQPartitionSplitter, 114
  - YQProgressBar, 116
  - YQRadioButton, 120
  - YQRichText, 127
  - YQSelectionBox, 131
  - YQSlider, 134
  - YQTable, 140
  - YQTimeField, 145
  - YQTree, 151
- setLabel
  - YQBusyIndicator, 45
  - YQCheckBox, 48
  - YQCheckBoxFrame, 51
  - YQComboBox, 54
  - YQDateField, 59
  - YQDownloadProgress, 68
  - YQFrame, 73
  - YQGenericButton, 76
  - YQInputField, 82
  - YQIntField, 85
  - YQLogView, 91
  - YQMenuButton, 97
  - YQMultiLineEdit, 99
  - YQMultiSelectionBox, 107
  - YQProgressBar, 117
  - YQRadioButton, 120

- YQSelectionBox, [131](#)
- YQSlider, [134](#)
- YQTimeField, [145](#)
- YQTree, [151](#)
- setLangFonts
  - YQApplication, [40](#)
- setLanguage
  - YQApplication, [40](#)
- setLayoutDirection
  - YQApplication, [40](#)
- setMargin
  - YQMultiProgressMeter, [102](#)
- setNewPartSizeSlot
  - YQPartitionSplitter, [114](#)
- setOpen
  - YQTreeWidgetItem, [153](#)
- setPlainTextMode
  - YQRichText, [127](#)
- setQPushButton
  - YQGenericButton, [76](#)
- setSegmentMinLength
  - YQMultiProgressMeter, [103](#)
- setSideBarWidth
  - YQMainWinDock, [94](#)
- setSize
  - YQAlignment, [33](#)
  - YQBarGraph, [43](#)
  - YQBusyIndicator, [45](#)
  - YQButtonBox, [47](#)
  - YQCheckBox, [48](#)
  - YQCheckBoxFrame, [51](#)
  - YQComboBox, [54](#)
  - YQContextMenu, [57](#)
  - YQDateField, [59](#)
  - YQDialog, [65](#)
  - YQDownloadProgress, [68](#)
  - YQDumbTab, [70](#)
  - YQEmpty, [71](#)
  - YQFrame, [73](#)
  - YQImage, [80](#)
  - YQInputField, [82](#)
  - YQIntField, [85](#)
  - YQLabel, [87](#)
  - YQLayoutBox, [89](#)
  - YQLogView, [91](#)
  - YQMenuButton, [97](#)
  - YQMultiLineEdit, [99](#)
  - YQMultiProgressMeter, [103](#)
  - YQMultiSelectionBox, [107](#)
  - YQPartitionSplitter, [114](#)
  - YQProgressBar, [117](#)
  - YQPushButton, [118](#)
  - YQRadioButton, [120](#)
  - YQRadioButtonGroup, [122](#)
  - YQReplacePoint, [125](#)
  - YQRichText, [127](#)
  - YQSelectionBox, [131](#)
  - YQSlider, [134](#)
  - YQSpacing, [136](#)
  - YQSquash, [137](#)
  - YQTable, [140](#)
  - YQTimeField, [145](#)
  - YQTimezoneSelector, [147](#)
  - YQTree, [151](#)
  - YQWizard, [175](#)
  - YQWizardButton, [178](#)
  - setSortByInsertionSequence
    - QY2ListView, [23](#)
  - setSource
    - YQTextBrowser, [143](#)
  - setSpacing
    - YQMultiProgressMeter, [103](#)
  - setStatus
    - YQWizard::Step, [30](#)
  - setText
    - QY2DiskUsageListItem, [18](#)
    - YQComboBox, [54](#)
    - YQLabel, [87](#)
    - YQWidgetCaption, [163](#)
  - setTextColor
    - QY2CheckListItem, [12](#)
  - setTextdomain
    - YQUI, [160](#)
  - setTimeout
    - YQBusyIndicator, [45](#)
  - setTriSpacing
    - YQMultiProgressMeter, [103](#)
  - setTriThickness
    - YQMultiProgressMeter, [103](#)
  - setUseBoldFont
    - YQCheckBox, [49](#)
    - YQLabel, [87](#)
    - YQRadioButton, [121](#)
  - setValidChars
    - QY2CharValidator, [10](#)
    - YQComboBox, [54](#)
    - YQInputField, [82](#)
  - setValue
    - YQCheckBox, [49](#)
    - YQCheckBoxFrame, [51](#)
    - YQDateField, [59](#)
    - YQInputField, [83](#)
    - YQMultiLineEdit, [99](#)
    - YQPartitionSplitter, [115](#)
    - YQProgressBar, [117](#)
    - YQRadioButton, [121](#)
    - YQRichText, [127](#)
    - YQTimeField, [145](#)

- setValueInternal
  - YQIntField, 85
  - YQSlider, 134
- shortcutChanged
  - YQDumbTab, 70
- show
  - YQMainWinDock, 94
  - YQWizardButton, 178
- showAsDefault
  - YQGenericButton, 76
- showChild
  - YQReplacePoint, 125
- showCurrentDialog
  - YQMainWinDock, 94
- showHelp
  - YQWizard, 175
- showPage
  - QY2ComboTabWidget, 14
- showPageIndex
  - QY2ComboTabWidget, 14
- showReleaseNotesButton
  - YQWizard, 175
- showSteps
  - YQWizard, 175
- showTree
  - YQWizard, 175
- slotAbortClicked
  - YQWizard, 175
- slotActivated
  - YQSelectionBox, 131
  - YQTable, 140
  - YQTree, 151
- slotBackClicked
  - YQWizard, 175
- slotContextMenu
  - YQTable, 140
  - YQTree, 152
- slotItemChanged
  - YQTree, 152
- slotItemCollapsed
  - YQTree, 152
- slotItemExpanded
  - YQTree, 152
- slotMenuHidden
  - YQContextMenu, 57
- slotNextClicked
  - YQWizard, 176
- slotReturnMenuHidden
  - YQContextMenu, 57
- slotSelected
  - YQComboBox, 54
  - YQDumbTab, 70
  - YQMultiSelectionBox, 107
  - YQTable, 141
- slotSelectionChanged
  - YQSelectionBox, 131
  - YQTable, 141
  - YQTree, 152
- slotValueChanged
  - YQMultiSelectionBox, 107
- sortByInsertionSequence
  - QY2ListView, 24
- spacing
  - YQMultiProgressMeter, 103
- stepsList
  - YQWizard, 176
- stop
  - BusyBar, 7
- table
  - YQTableListViewItem, 142
- text
  - YQComboBox, 54
  - YQGenericButton, 76
- textChanged
  - YQComboBox, 55
- thickness
  - YQMultiProgressMeter, 103
- timeout
  - YQBusyIndicator, 45
- timeoutBusyCursor
  - YQUI, 160
- toggleRecordMacro
  - YQUI, 160
- toggleVisionImpairedPalette
  - YQUI, 161
- toolTip
  - QY2CheckListItem, 12
  - QY2ListView, 24
  - QY2ListViewItem, 26
- topmostDialog
  - YQMainWinDock, 94
- totalSize
  - QY2DiskUsageListItem, 18
- treeCollapsed
  - QY2ListView, 24
- treeExpanded
  - QY2ListView, 24
- treeSelectionChanged
  - YQWizard, 176
- triSpacing
  - YQMultiProgressMeter, 103
- triThickness
  - YQMultiProgressMeter, 104
- ui
  - YQUI, 161
- updateCell
  - YQTableListViewItem, 142

- updateData
  - QY2CheckListItem, 12
  - QY2DiskUsageListItem, 18
  - QY2ListViewItem, 26
- updateItemData
  - QY2ListView, 24
- updateItemStates
  - QY2ListView, 24
- updateStatus
  - QY2CheckListItem, 12
  - QY2DiskUsageListItem, 18
  - QY2ListViewItem, 26
- updateStepStates
  - YQWizard, 176
- updateSteps
  - YQWizard, 176
- usedPercent
  - QY2DiskUsageListItem, 19
- usedSize
  - QY2DiskUsageListItem, 19
- userResized
  - YQDialog, 65
- usingVisionImpairedPalette
  - YQUI, 161
- validChars
  - QY2CharValidator, 10
- validate
  - QY2CharValidator, 10
- value
  - YQCheckBox, 49
  - YQCheckBoxFrame, 51
  - YQDateField, 59
  - YQIntegerField, 83
  - YQIntField, 85
  - YQMultiLineEdit, 100
  - YQPartitionSplitter, 115
  - YQRadioButton, 121
  - YQSlider, 135
  - YQTimeField, 145
- valueChanged
  - YQIntField, 85
  - YQMultiSelectionBox, 107
  - YQSlider, 135
- valueChangedSlot
  - YQIntField, 85
  - YQSlider, 135
- visionImpairedPalette
  - YQUI, 161
- waitForEventInternal
  - YQDialog, 65
- waitForEventTimeout
  - YQDialog, 65
- widgetClass
  - YQWizardButton, 178
- wizard
  - YQWizardButton, 179
- wizardDefaultButton
  - YQDialog, 65
- workArea
  - YQWizard, 176
- x11Event
  - YQRawLineEdit, 124
- yltem
  - YQMultiSelectionBoxItem, 109
- YQAlignment, 32
  - moveChild, 33
  - setBackgroundPixmap, 33
  - setEnabled, 33
  - setSize, 33
  - YQAlignment, 32
  - YQAlignment, 32
- YQApplication, 33
  - ~YQApplication, 35
  - \_fontFamily, 40
  - \_langFonts, 41
  - \_qtTranslations, 41
  - askForExistingDirectory, 36
  - askForExistingFile, 36
  - askForSaveFileName, 36
  - autoFonts, 36
  - beep, 37
  - boldFont, 37
  - busyCursor, 37
  - contextMenuPos, 37
  - currentFont, 37
  - deleteFonts, 37
  - deviceUnits, 37
  - fontKey, 38
  - glyph, 38
  - graphPlugin, 38
  - headingFont, 38
  - layoutUnits, 38
  - loadPredefinedQtTranslations, 38
  - makeScreenShot, 38
  - maybeLeftHandedUser, 39
  - normalCursor, 39
  - openContextMenu, 39
  - packageSelectorPlugin, 39
  - pickAutoFonts, 39
  - setApplicationIcon, 39
  - setApplicationTitle, 40
  - setAutoFonts, 40
  - setContextMenuPos, 40
  - setLangFonts, 40
  - setLanguage, 40
  - setLayoutDirection, 40

- YQApplication, 35
- YQApplication, 35
- YQBarGraph, 41
  - ~YQBarGraph, 42
  - defaultSegmentColor, 42
  - defaultTextColor, 42
  - doUpdate, 42
  - paintEvent, 42
  - preferredHeight, 42
  - preferredWidth, 43
  - setEnabled, 43
  - setSize, 43
  - YQBarGraph, 42
  - YQBarGraph, 42
- YQBusyIndicator, 43
  - ~YQBusyIndicator, 44
  - preferredHeight, 44
  - preferredWidth, 44
  - setAlive, 44
  - setEnabled, 45
  - setKeyboardFocus, 45
  - setLabel, 45
  - setSize, 45
  - setTimeout, 45
  - timeout, 45
  - YQBusyIndicator, 44
  - YQBusyIndicator, 44
- YQButtonBox, 46
  - ~YQButtonBox, 46
  - moveChild, 46
  - setEnabled, 46
  - setSize, 47
  - YQButtonBox, 46
  - YQButtonBox, 46
- YQCheckBox, 47
  - ~YQCheckBox, 48
  - preferredHeight, 48
  - preferredWidth, 48
  - setEnabled, 48
  - setKeyboardFocus, 48
  - setLabel, 48
  - setSize, 48
  - setUseBoldFont, 49
  - setValue, 49
  - value, 49
  - YQCheckBox, 48
  - YQCheckBox, 48
- YQCheckBoxFrame, 49
  - childEvent, 50
  - preferredHeight, 50
  - preferredWidth, 50
  - setEnabled, 50
  - setKeyboardFocus, 51
  - setLabel, 51
  - setSize, 51
  - setValue, 51
  - value, 51
  - YQCheckBoxFrame, 50
  - YQCheckBoxFrame, 50
- YQComboBox, 51
  - ~YQComboBox, 52
  - addItem, 53
  - deleteAllItems, 53
  - isValidText, 53
  - preferredHeight, 53
  - preferredWidth, 53
  - setEnabled, 53
  - setInputMaxLength, 53
  - setKeyboardFocus, 54
  - setLabel, 54
  - setSize, 54
  - setText, 54
  - setValidChars, 54
  - slotSelected, 54
  - text, 54
  - textChanged, 55
  - YQComboBox, 52
  - YQComboBox, 52
- YQContextMenu, 55
  - ~YQContextMenu, 56
  - menuEntryActivated, 56
  - preferredHeight, 56
  - preferredWidth, 56
  - rebuildMenuTree, 56, 57
  - returnNow, 57
  - setSize, 57
  - slotMenuHidden, 57
  - slotReturnMenuHidden, 57
  - YQContextMenu, 56
  - YQContextMenu, 56
- YQDateField, 57
  - ~YQDateField, 58
  - preferredHeight, 58
  - preferredWidth, 58
  - setEnabled, 59
  - setKeyboardFocus, 59
  - setLabel, 59
  - setSize, 59
  - setValue, 59
  - value, 59
  - YQDateField, 58
  - YQDateField, 58
- YQDialog, 60
  - ~YQDialog, 61
  - activate, 62
  - activateDefaultButton, 62
  - center, 62
  - chooseParent, 62

- closeEvent, 62
- defaultButton, 62
- ensureOnlyOneDefaultButton, 62, 63
- eventLoop, 63
- findDefaultButton, 63
- findWizard, 63
- focusButton, 63
- gettingFocus, 63
- highlight, 64
- keyPressEvent, 64
- losingFocus, 64
- openInternal, 64
- pollEventInternal, 64
- preferredHeight, 64
- preferredWidth, 65
- setDefaultButton, 65
- setEnabled, 65
- setSize, 65
- userResized, 65
- waitForEventInternal, 65
- waitForEventTimeout, 65
- wizardDefaultButton, 65
- YQDialog, 61
- YQDialog, 61
- yQDialog
  - YQGenericButton, 76
- YQDownloadProgress, 66
  - ~YQDownloadProgress, 67
  - pollFileSize, 67
  - preferredHeight, 67
  - preferredWidth, 67
  - setEnabled, 67
  - setExpectedSize, 67
  - setFilename, 67
  - setLabel, 68
  - setSize, 68
  - YQDownloadProgress, 67
  - YQDownloadProgress, 67
- YQDumbTab, 68
  - ~YQDumbTab, 69
  - addItem, 69
  - deleteAllItems, 69
  - deselectAllItems, 69
  - preferredHeight, 69
  - preferredWidth, 70
  - selectItem, 70
  - setEnabled, 70
  - setSize, 70
  - shortcutChanged, 70
  - slotSelected, 70
  - YQDumbTab, 69
  - YQDumbTab, 69
- YQEmpty, 71
  - ~YQEmpty, 71
  - setSize, 71
  - YQEmpty, 71
  - YQEmpty, 71
- YQFrame, 72
  - ~YQFrame, 72
  - preferredHeight, 72
  - preferredWidth, 72
  - setEnabled, 73
  - setLabel, 73
  - setSize, 73
  - YQFrame, 72
  - YQFrame, 72
- YQGenericButton, 73
  - ~YQGenericButton, 74
  - activate, 75
  - dialog, 75
  - eventFilter, 75
  - isEnabled, 75
  - isShownAsDefault, 75
  - qPushButton, 75
  - setEnabled, 75
  - setIcon, 75
  - setKeyboardFocus, 76
  - setLabel, 76
  - setQPushButton, 76
  - showAsDefault, 76
  - text, 76
  - yQDialog, 76
  - YQGenericButton, 74
  - YQGenericButton, 74
- YQGraphPluginIf, 77
- YQGraphPluginStub, 77
  - ~YQGraphPluginStub, 77
  - createGraph, 78
  - YQGraphPluginStub, 77
  - YQGraphPluginStub, 77
- YQImage, 78
  - ~YQImage, 79
  - preferredHeight, 79
  - preferredWidth, 79
  - setAutoScale, 79
  - setEnabled, 79
  - setImage, 79
  - setSize, 80
  - YQImage, 79
  - YQImage, 79
- YQInputField, 80
  - changed, 81
  - clearCapsLockWarning, 81
  - displayCapsLockWarning, 81
  - isValidText, 81
  - preferredHeight, 81
  - preferredWidth, 82
  - setEnabled, 82

- setInputMaxLength, [82](#)
- setKeyboardFocus, [82](#)
- setLabel, [82](#)
- setSize, [82](#)
- setValidChars, [82](#)
- setValue, [83](#)
- value, [83](#)
- YQInputField, [81](#)
- YQInputField, [81](#)
- YQIntField, [83](#)
  - ~YQIntField, [84](#)
  - preferredHeight, [84](#)
  - preferredWidth, [84](#)
  - setEnabled, [84](#)
  - setKeyboardFocus, [85](#)
  - setLabel, [85](#)
  - setSize, [85](#)
  - setValueInternal, [85](#)
  - value, [85](#)
  - valueChanged, [85](#)
  - valueChangedSlot, [85](#)
  - YQIntField, [84](#)
  - YQIntField, [84](#)
- YQLabel, [86](#)
  - ~YQLabel, [86](#)
  - preferredHeight, [87](#)
  - preferredWidth, [87](#)
  - setEnabled, [87](#)
  - setSize, [87](#)
  - setText, [87](#)
  - setUseBoldFont, [87](#)
  - YQLabel, [86](#)
  - YQLabel, [86](#)
- YQLayoutBox, [88](#)
  - ~YQLayoutBox, [88](#)
  - moveChild, [88](#)
  - setEnabled, [88](#)
  - setSize, [89](#)
  - YQLayoutBox, [88](#)
  - YQLayoutBox, [88](#)
- YQLogView, [89](#)
  - ~YQLogView, [90](#)
  - displayLogText, [90](#)
  - preferredHeight, [90](#)
  - preferredWidth, [90](#)
  - setEnabled, [90](#)
  - setKeyboardFocus, [90](#)
  - setLabel, [91](#)
  - setSize, [91](#)
  - YQLogView, [90](#)
  - YQLogView, [90](#)
- YQMainWinDock, [91](#)
  - ~YQMainWinDock, [92](#)
  - activateCurrentDialog, [93](#)
  - add, [93](#)
  - closeEvent, [93](#)
  - couldDock, [93](#)
  - mainWinDock, [93](#)
  - paintEvent, [93](#)
  - remove, [93](#)
  - resizeEvent, [94](#)
  - resizeVisibleChild, [94](#)
  - setSideBarWidth, [94](#)
  - show, [94](#)
  - showCurrentDialog, [94](#)
  - topmostDialog, [94](#)
  - YQMainWinDock, [92](#)
  - YQMainWinDock, [92](#)
- YQMenuButton, [94](#)
  - ~YQMenuButton, [95](#)
  - menuEntryActivated, [96](#)
  - preferredHeight, [96](#)
  - preferredWidth, [96](#)
  - rebuildMenuTree, [96](#)
  - returnNow, [96](#)
  - setEnabled, [96](#)
  - setKeyboardFocus, [97](#)
  - setLabel, [97](#)
  - setSize, [97](#)
  - YQMenuButton, [95](#)
  - YQMenuButton, [95](#)
- YQMultiLineEdit, [97](#)
  - ~YQMultiLineEdit, [98](#)
  - changed, [98](#)
  - enforceMaxInputLength, [98](#)
  - preferredHeight, [99](#)
  - preferredWidth, [99](#)
  - setEnabled, [99](#)
  - setInputMaxLength, [99](#)
  - setKeyboardFocus, [99](#)
  - setLabel, [99](#)
  - setSize, [99](#)
  - setValue, [99](#)
  - value, [100](#)
  - YQMultiLineEdit, [98](#)
  - YQMultiLineEdit, [98](#)
- YQMultiProgressMeter, [100](#)
  - ~YQMultiProgressMeter, [101](#)
  - doUpdate, [101](#)
  - drawMarkers, [101](#)
  - drawSegment, [101](#)
  - init, [101](#)
  - length, [102](#)
  - margin, [102](#)
  - paintEvent, [102](#)
  - preferredHeight, [102](#)
  - preferredWidth, [102](#)
  - segmentMinLength, [102](#)

- setEnabled, 102
- setMargin, 102
- setSegmentMinLength, 103
- setSize, 103
- setSpacing, 103
- setTriSpacing, 103
- setTriThickness, 103
- spacing, 103
- thickness, 103
- triSpacing, 103
- triThickness, 104
- YQMultiProgressMeter, 101
- YQMultiProgressMeter, 101
- YQMultiSelectionBox, 104
  - ~YQMultiSelectionBox, 105
  - addItem, 105
  - currentItem, 105
  - deleteAllItems, 105
  - deselectAllItems, 106
  - findItem, 106
  - preferredHeight, 106
  - preferredWidth, 106
  - selectItem, 106
  - setCurrentItem, 106
  - setEnabled, 106
  - setKeyboardFocus, 107
  - setLabel, 107
  - setSize, 107
  - slotSelected, 107
  - slotValueChanged, 107
  - valueChanged, 107
  - YQMultiSelectionBox, 105
  - YQMultiSelectionBox, 105
- YQMultiSelectionBoxItem, 108
  - ~YQMultiSelectionBoxItem, 108
  - \_item\_count, 109
  - ylItem, 109
  - YQMultiSelectionBoxItem, 108
  - YQMultiSelectionBoxItem, 108
- YQOptionalWidgetFactory, 109
  - ~YQOptionalWidgetFactory, 110
  - YQOptionalWidgetFactory, 110
  - YQOptionalWidgetFactory, 110
- YQPackageSelectorPluginIf, 111
- YQPackageSelectorPluginStub, 111
  - ~YQPackageSelectorPluginStub, 112
  - createPackageSelector, 112
  - createPatternSelector, 112
  - createSimplePatchSelector, 112
  - YQPackageSelectorPluginStub, 112
  - YQPackageSelectorPluginStub, 112
- YQPartitionSplitter, 112
  - ~YQPartitionSplitter, 114
  - preferredHeight, 114
  - preferredWidth, 114
  - setEnabled, 114
  - setFreeSizeSlot, 114
  - setKeyboardFocus, 114
  - setNewPartSizeSlot, 114
  - setSize, 114
  - setValue, 115
  - value, 115
  - YQPartitionSplitter, 113
  - YQPartitionSplitter, 113
- YQProgressBar, 115
  - ~YQProgressBar, 116
  - preferredHeight, 116
  - preferredWidth, 116
  - setEnabled, 116
  - setKeyboardFocus, 116
  - setLabel, 117
  - setSize, 117
  - setValue, 117
  - YQProgressBar, 116
  - YQProgressBar, 116
- YQPushButton, 117
  - ~YQPushButton, 118
  - hit, 118
  - preferredHeight, 118
  - preferredWidth, 118
  - setSize, 118
  - YQPushButton, 118
  - YQPushButton, 118
- YQRadioButton, 119
  - changed, 120
  - eventFilter, 120
  - preferredHeight, 120
  - preferredWidth, 120
  - setEnabled, 120
  - setKeyboardFocus, 120
  - setLabel, 120
  - setSize, 120
  - setUseBoldFont, 121
  - setValue, 121
  - value, 121
  - YQRadioButton, 119
  - YQRadioButton, 119
- YQRadioButtonGroup, 121
  - ~YQRadioButtonGroup, 122
  - addRadioButton, 122
  - setEnabled, 122
  - setSize, 122
  - YQRadioButtonGroup, 122
  - YQRadioButtonGroup, 122
- YQRawLineEdit, 122
  - ~YQRawLineEdit, 123
  - isCapsLockActive, 123
  - x11Event, 124



- YQRawLineEdit, 123
- YQRawLineEdit, 123
- YQReplacePoint, 124
  - setEnabled, 124
  - setSize, 125
  - showChild, 125
  - YQReplacePoint, 124
  - YQReplacePoint, 124
- YQRichText, 125
  - ~YQRichText, 126
  - eventFilter, 126
  - haveHyperLinks, 126
  - linkClicked, 126
  - preferredHeight, 126
  - preferredWidth, 127
  - setAutoScrollDown, 127
  - setEnabled, 127
  - setKeyboardFocus, 127
  - setPlainTextMode, 127
  - setSize, 127
  - setValue, 127
  - YQRichText, 126
  - YQRichText, 126
- YQSelectionBox, 128
  - ~YQSelectionBox, 129
  - addItem, 129
  - addItems, 129
  - deleteAllItems, 129
  - deselectAllItems, 130
  - eventFilter, 130
  - preferredHeight, 130
  - preferredWidth, 130
  - returnDelayed, 130
  - returnImmediately, 130
  - selectItem, 130
  - setEnabled, 131
  - setKeyboardFocus, 131
  - setLabel, 131
  - setSize, 131
  - slotActivated, 131
  - slotSelectionChanged, 131
  - YQSelectionBox, 129
  - YQSelectionBox, 129
- YQSignalBlocker, 132
  - ~YQSignalBlocker, 132
  - YQSignalBlocker, 132
  - YQSignalBlocker, 132
- YQSlider, 132
  - ~YQSlider, 133
  - preferredHeight, 134
  - preferredWidth, 134
  - setEnabled, 134
  - setKeyboardFocus, 134
  - setLabel, 134
  - setSize, 134
  - setValueInternal, 134
  - value, 135
  - valueChanged, 135
  - valueChangedSlot, 135
- YQSlider, 133
- YQSlider, 133
- YQSpacing, 135
  - setSize, 136
  - YQSpacing, 136
  - YQSpacing, 136
- YQSquash, 136
  - ~YQSquash, 137
  - setEnabled, 137
  - setSize, 137
  - YQSquash, 136
  - YQSquash, 136
- YQTable, 137
  - ~YQTable, 138
  - addItem, 138
  - addItems, 139
  - cellChanged, 139
  - deleteAllItems, 139
  - deselectAllItems, 139
  - preferredHeight, 139
  - preferredWidth, 139
  - selectItem, 139
  - selectOrigItem, 140
  - setEnabled, 140
  - setKeepSorting, 140
  - setKeyboardFocus, 140
  - setSize, 140
  - slotActivated, 140
  - slotContextMenu, 140
  - slotSelected, 141
  - slotSelectionChanged, 141
  - YQTable, 138
  - YQTable, 138
- YQTableListViewItem, 141
  - origItem, 142
  - table, 142
  - updateCell, 142
  - YQTableListViewItem, 142
  - YQTableListViewItem, 142
- YQTextBrowser, 142
  - setSource, 143
  - YQTextBrowser, 143
  - YQTextBrowser, 143
- YQTimeField, 143
  - ~YQTimeField, 144
  - preferredHeight, 144
  - preferredWidth, 144
  - setEnabled, 145
  - setKeyboardFocus, 145

- setLabel, 145
  - setSize, 145
  - setValue, 145
  - value, 145
  - YQTimeField, 144
  - YQTimeField, 144
- YQTimezoneSelector, 146
  - ~YQTimezoneSelector, 146
  - currentZone, 147
  - preferredHeight, 147
  - preferredWidth, 147
  - setCurrentZone, 147
  - setSize, 147
  - YQTimezoneSelector, 146
  - YQTimezoneSelector, 146
- YQTimezoneSelectorPrivate, 147
- YQTimezoneSelectorPrivate::Location, 8
- YQTree, 148
  - ~YQTree, 149
  - buildDisplayTree, 149
  - currentItem, 149
  - deleteAllItems, 150
  - deselectAllItems, 150
  - openBranch, 150
  - preferredHeight, 150
  - preferredWidth, 150
  - rebuildTree, 150
  - selectItem, 150, 151
  - setEnabled, 151
  - setKeyboardFocus, 151
  - setLabel, 151
  - setSize, 151
  - slotActivated, 151
  - slotContextMenu, 152
  - slotItemChanged, 152
  - slotItemCollapsed, 152
  - slotItemExpanded, 152
  - slotSelectionChanged, 152
  - YQTree, 149
  - YQTree, 149
- YQTreeItem, 152
  - key, 153
  - origItem, 153
  - setOpen, 153
  - YQTreeItem, 153
  - YQTreeItem, 153
- YQUI, 154
  - ~YQUI, 156
  - applicationTitle, 156
  - askConfigureLogging, 156
  - askPlayMacro, 156
  - askSaveLogs, 156
  - blockEvents, 156
  - busyCursor, 157
  - calcDefaultSize, 157
  - close, 157
  - consumePendingEvent, 157
  - createOptionalWidgetFactory, 157
  - createWidgetFactory, 157
  - defaultSize, 157
  - deleteNotify, 158
  - eventPendingFor, 158
  - eventsBlocked, 158
  - fatalError, 158
  - forceUnblockEvents, 158
  - fullscreen, 158
  - idleLoop, 158
  - initUI, 158
  - makeScreenShot, 159
  - noBorder, 159
  - normalCursor, 159
  - normalPalette, 159
  - pendingEvent, 159
  - probeX11Display, 159
  - processCommandLineArgs, 159
  - raiseFatalError, 159
  - receivedYCPCCommand, 160
  - runPkgSelection, 160
  - sendEvent, 160
  - setApplicationTitle, 160
  - setTextdomain, 160
  - timeoutBusyCursor, 160
  - toggleRecordMacro, 160
  - toggleVisionImpairedPalette, 161
  - ui, 161
  - usingVisionImpairedPalette, 161
  - visionImpairedPalette, 161
  - YQUI, 156
  - yqApp, 161
  - YQUI, 156
- YQUISignalReceiver, 161
- YQWidgetCaption, 162
  - ~YQWidgetCaption, 163
  - setText, 163
  - YQWidgetCaption, 163
  - YQWidgetCaption, 163
- YQWidgetFactory, 163
  - ~YQWidgetFactory, 165
  - YQWidgetFactory, 165
  - YQWidgetFactory, 165
- YQWizard, 165
  - ~YQWizard, 168
  - abortClicked, 168
  - addMenu, 168
  - addMenuEntry, 169
  - addMenuSeparator, 169
  - addStep, 169
  - addStepHeading, 169

- addSubMenu, 169
- addTreeWidgetItem, 169
- backButton, 170
- backClicked, 170
- connectNotify, 170
- copySteps, 170
- currentStep, 170
- currentTreeSelection, 170
- debugLabel, 170
- deleteMenus, 171
- deleteSteps, 171
- deleteTreeWidgetItems, 171
- destroyButtons, 171
- direction, 171
- disconnectNotify, 171
- enableButton, 171
- eventFilter, 171
- findStep, 172
- findTreeWidgetItem, 172
- hideReleaseNotesButton, 172
- isSecondary, 172
- nextClicked, 172
- preferredHeight, 172
- preferredWidth, 172
- releaseNotesClicked, 173
- resizeClientArea, 173
- retranslateInternalButtons, 173
- selectTreeWidgetItem, 173
- sendEvent, 173
- sendMenuEvent, 173
- sendTreeEvent, 173
- setButtonFocus, 174
- setButtonLabel, 174
- setCurrentStep, 174
- setDialogHeading, 174
- setDialogIcon, 174
- setDialogTitle, 174
- setHelpText, 174
- setSize, 175
- showHelp, 175
- showReleaseNotesButton, 175
- showSteps, 175
- showTree, 175
- slotAbortClicked, 175
- slotBackClicked, 175
- slotNextClicked, 176
- stepsList, 176
- treeSelectionChanged, 176
- updateStepStates, 176
- updateSteps, 176
- workArea, 176
- YQWizard, 168
- YQWizard, 168
- YQWizard::Step, 29
  - ~Step, 30
  - setStatus, 30
- YQWizard::StepHeading, 30
- YQWizard::TreeWidgetItem, 31
- YQWizardButton, 177
  - ~YQWizardButton, 177
  - clicked, 178
  - hide, 178
  - isHidden, 178
  - isShown, 178
  - preferredHeight, 178
  - preferredWidth, 178
  - setSize, 178
  - show, 178
  - widgetClass, 178
  - wizard, 179
- YQWizardButton, 177
- YQWizardButton, 177
- yqApp
  - YQUI, 161