

#### QAbstractButton ${\tt animateClick}$ setCheckable iconSize autoExclusive isCheckable setChecked autoRepeat isChecked setDown autoRepeatDelay isDown setIcon autoRepeatInterval nextCheckState setIconSize checkStateSet pressed setShortcut click released setText clicked setAutoExclusive shortcut group setAutoRepeat text hitButton setAutoRepeatDelay toggle icon setAutoRepeatInterval toggled

		QFrame	
Box HLine NoFrame Panel Plain Raised Shadow Shadow_Mask	Shape Shape_Mask StyleMask StyledPanel Sunken VLine WinPanel drawFrame	frameRect frameShadow frameShape frameStyle frameWidth initStyleOption lineWidth midLineWidth	setFrameRect setFrameShadow setFrameShape setFrameStyle setLineWidth setMidLineWidth

QAbstractSlider		
SliderAction SliderChange SliderMove SliderNoAction SliderOrientationChange SliderPageStepAdd SliderPageStepSub SliderRangeChange SliderSingleStepAdd SliderSingleStepAdd SliderSingleStepAdd SliderSingleStepAdd SliderSingleStepAdd SliderSingleStepOub SliderSingleStepOub SliderStepsChange SliderToMaximum SliderToMinimum SliderValueChange actionTriggered hasTracking invertedAppearance invertedControls isSliderDown maximum minimum orientation	repeatAction setInvertedAppearance setInvertedControls setMaximum setMinimum setOrientation setPageStep setRange setRepeatAction setSingleStep setSliderDown setSliderPosition setTracking setValue singleStep sliderChange sliderMoved sliderPosition sliderPressed sliderReleased triggerAction value	
pageStep   rangeChanged	valueChanged	

# QAbstractSpinBox

ButtonSymbols isReadOnly CorrectToNearestValue keyboardTracking CorrectToPreviousValue lineEdit CorrectionMode selectAll NoButtons setAccelerated PlusMinus setAlignment StepDownEnabled setButtonSymbols StepEnabled setCorrectionMode

StepEnabledFlag setFrame

StepNone setGroupSeparatorShown StepUpEnabled setKeyboardTracking

UpDownArrows setLineEdit alignment setReadOnly

setSpecialValueText buttonSymbols

clear setWrapping correctionMode specialValueText editingFinished stepBy

stepDown hasAcceptableInput stepEnabled hasFrame stepUp  $\verb"initStyleOption"$ text

interpretText validate isAccelerated wrapping

isGroupSeparatorShown

#### QCalendarWidget

HorizontalHeaderFormat isDateEditEnabled setMaximumDate ISOWeekNumbers isGridVisible  $\verb"isNavigationBarVisible"$ LongDayNames NoHorizontalHeader maximumDate NoSelection minimumDate NoVerticalHeader monthShown paintCell SelectionMode ShortDayNames selectedDate SingleLetterDayNames selectionChanged SingleSelection selectionMode VerticalHeaderFormat setCurrentPage activated setDateEditAcceptDelay clicked setDateEditEnabled currentPageChanged setDateRange dateEditAcceptDelay setDateTextFormat

setFirstDayOfWeek

setHeaderTextFormat

setGridVisible

horizontalHeaderFormat setHorizontalHeaderFormat

setMinimumDate setNavigationBarVisible setSelectedDate setSelectionMode setVerticalHeaderFormat setWeekdayTextFormat showNextMonth showNextYear showPreviousMonth showPreviousYear showSelectedDate showToday updateCell updateCells verticalHeaderFormat weekdayTextFormat

yearShown

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#### QDialog

dateTextFormat

firstDayOfWeek

headerTextFormat

Accepted isSizeGripEnabled DialogCode open Rejected reject accept rejected accepted result done setModal exec setResult setSizeGripEnabled exec

136 finished 137

QComboBox	
AdjustToContents	itemData
AdjustToContentsOnFirstShow	itemDelegate
AdjustToMinimumContentsLength	itemIcon
AdjustToMinimumContentsLengthWithIcon	itemText
InsertAfterCurrent	lineEdit
InsertAlphabetically	maxCount
InsertAtBottom	maxVisibleItems
InsertAtCurrent	minimumContentsLength
InsertAtTop	model
InsertBeforeCurrent	modelColumn
InsertPolicy	removeItem
NoInsert	rootModelIndex
SizeAdjustPolicy	setCompleter
len	setCurrentIndex
activated	setCurrentText
addItem	setDuplicatesEnabled
addItems	setEditText
clear	setEditable
clearEditText	setFrame
completer	setIconSize
count	setInsertPolicy
currentData	setItemData
currentIndex	setItemDelegate
currentIndexChanged	setItemIcon
currentText	setItemText
currentTextChanged	setLineEdit
duplicatesEnabled	setMaxCount
editTextChanged	setMaxVisibleItems
findData	setMinimumContentsLeng
findText	setModel
hasFrame	setModelColumn
hidePopup	setRootModelIndex
highlighted	setSizeAdjustPolicy
iconSize	setValidator
initStyleOption	setView
insertItem	showPopup
insertItems	sizeAdjustPolicy
insertPolicy	validator
insertSeparator	view
isEditable	

# QDesktopWidget

availableGeometry	screenCount
isVirtualDesktop	screenCountChanged
primaryScreen	screenGeometry
primaryScreenChanged	screenNumber
resized	workAreaResized
screen	

QDialogButtonBox			
Abort	No	YesToAll	
AcceptRole	NoButton	accepted	
ActionRole	NoRole	addButton	
Apply	NoToAll	button	
ApplyRole	Ok	buttonRole	
ButtonLayout	Open	buttons	
ButtonRole	RejectRole	centerButtons	
Cancel	Reset	clear	
Close	ResetRole	clicked	
DestructiveRole	RestoreDefaults	helpRequested	
Discard	Retry	orientation	
GnomeLayout	Save	rejected	
Help	SaveAll	removeButton	
HelpRole	StandardButton	setCenterButtons	
Ignore	StandardButtons	setOrientation	
InvalidRole	WinLayout	setStandardButtons	
KdeLayout	Yes	standardButton	
MacLayout	YesRole	standardButtons	

### QDockWidget

AllDockWidgetFeatures initStyleOption DockWidgetClosable isAreaAllowed DockWidgetFeature isFloating DockWidgetFeatures setAllowedAreas DockWidgetFloatable setFeatures DockWidgetMovable setFloating DockWidgetVerticalTitleBar setTitleBarWidget NoDockWidgetFeatures setWidget allowedAreas titleBarWidget allowedAreasChanged toggleViewAction dockLocationChanged topLevelChanged features visibilityChanged featuresChanged widget

#### QFocusFrame

initStyleOption
setWidget
widget

# QKeySequenceEdit

clear
editingFinished
keySequence
keySequenceChanged
setKeySequence

QGroupBox				
alignment clicked initStyleOption isCheckable isChecked	isFlat setAlignment setCheckable setChecked setFlat	setTitle title toggled		

277 278 279 280 ActionPosition 281 EchoMode 282 LeadingPosition NoEcho 283 284 Normal 285 Password 286 PasswordEchoOnEdit 287 TrailingPosition 288 alignment 289 backspace 290 clear 291 completer copy insert setPlaceholderText createStandardContextMenu isClearButtonEnabled setReadOnly 292 293 cursorBackward 294 295 cursorForward 296 cursorMoveStyle 297

cursorPosition

cursorPositionAt cursorPositionChanged cursorRect cursorWordBackward cursorWordForward cut

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del

deselect

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341 342

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displayText dragEnabled echoMode editingFinished

> end getTextMargins hasAcceptableInput hasFrame hasSelectedText

OLineEdit

home initStyleOption inputMask

isModified setSelection isReadOnly isRedoAvailable isUndoAvailable maxLength paste

placeholderText redo returnPressed selectAll selectedText selectionChanged selectionStart setAlignment

setClearButtonEnabled

setCompleter setCursorMoveStyle

setCursorPosition setDragEnabled setEchoMode setFrame setInputMask setMaxLength setModified

setText setTextMargins setValidator

text

textChanged textEdited textMargins

undo validator

unifiedTitleAndToolBarOnMac

## QMainWindow

AllowNestedDocks insertToolBarBreak setMenuBar AllowTabbedDocks isAnimated setMenuWidget AnimatedDocks isDockNestingEnabled setStatusBar
DockOption isSeparator setTabPosition
DockOptions menuBar setTabShape
ForceTabbedDocks menuWidget setToolButton setTabPosition setToolButtonStyle setUnifiedTitleAndToolBarOnMac GroupedDragging removeDockWidget VerticalTabs removeToolBar addDockWidget removeToolBarBreak addToolBar resizeDocks splitDockWidget statusBar tabPosition addToolBarBreak restoreDockWidget tabShape centralWidget restoreState corner saveState tabifiedDockWidgetActivated tabifiedDockWidgets createPopupMenu setAnimated tabifyDockWidget dockOptionssetCentralWidgettakeCentralWidgetdockWidgetAreasetCornertoolBarAreadocumentModesetDockNestingEnabledtoolBarBreakiconSizesetDockOptionstoolButtonSt takeCentralWidget iconSize setDockOptions toolButtonStyle iconSizeChanged setDocumentMode toolButtonStyleChanged

#### QMdiSubWindow

insertToolBar setIconSize

RubberBandMove setKeyboardSingleStep RubberBandResize setOption SubWindowOption setSystemMenu SubWindowOptions setWidget aboutToActivate showShaded isShaded showSystemMenu isShaded showSystemI keyboardPageStep systemMenu keyboardSingleStep testOption mdiArea widget  $\verb|setKeyboardPageStep| windowStateChanged|$ 

QMenu			
aboutToHide aboutToShow actionAt actionGeometry activeAction addMenu addSection addSeparator clear columnCount defaultAction	hideTearOffMenu hovered icon initStyleOption insertMenu insertSection insertSeparator isEmpty isTearOffEnabled isTearOffMenuVisible menuAction	setActiveAction setDefaultAction setIcon setNoReplayFor setSeparatorsCollapsible setTearOffEnabled setTitle setToolTipsVisible showTearOffMenu title toolTipsVisible	
exec exec	popup separatorsCollapsible	triggered	

actionAt insertMenu	QMenuBar		
actionGeometry insertSeparator activeAction isDefaultUp isNativeMenuBar addSeparator setActiveAction clear setCornerWidget cornerWidget setDefaultUp hovered setNativeMenuBar triggered	actionGeometry activeAction addMenu addSeparator clear cornerWidget hovered	insertSeparator isDefaultUp isNativeMenuBar setActiveAction setCornerWidget setDefaultUp setNativeMenuBar	

QOpenGLWidget		
NoPartialUpdate PartialUpdate UpdateBehavior aboutToCompose aboutToResize context defaultFramebufferObject doneCurrent format frameSwapped	grabFramebuffer initializeGL isValid makeCurrent paintGL resizeGL resized setFormat setUpdateBehavior updateBehavior	

QProgressBar		
BottomToTop Direction TopToBottom alignment format initStyleOption isTextVisible maximum minimum	orientation reset resetFormat setAlignment setFormat setInvertedAppearance setMaximum setMinimum setOrientation	setRange setTextDirection setTextVisible setValue text value valueChanged

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QTabBar	#[415
	#-483]
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# end

# pg7

# [415

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ButtonPosition expanding setTabTextColor LeftSide iconSize setTabToolTip RightSide initStyleOption setTabWhatsThis RoundedEast insertTab setTabsClosable RoundedNorth isMovable setUsesScrollButtons RoundedSouth isTabEnabled shape	
RightSide initStyleOption setTabWhatsThis RoundedEast insertTab setTabsClosable RoundedNorth isMovable setUsesScrollButtons	
RoundedEast insertTab setTabsClosable RoundedNorth isMovable setUsesScrollButtons	
RoundedNorth isMovable setUsesScrollButtons	
RoundedSouth isTabEnabled shape	;
RoundedWest minimumTabSizeHint tabAt	
SelectLeftTab moveTab tabBarClicked	
SelectPreviousTab removeTab tabBarDoubleClicked	
SelectRightTab selectionBehaviorOnRemove tabButton	
SelectionBehavior	
Shape setAutoHide tabData	
TriangularEast setChangeCurrentOnDrag tabIcon	
TriangularNorth setCurrentIndex tabInserted	
TriangularSouth setDocumentMode tabLayoutChange	
TriangularWest setDrawBase tabMoved	
len setElideMode tabRect	
accessibleTabName setExpanding tabRemoved	
addTab setIconSize tabSizeHint	
autoHide setMovable tabText	
changeCurrentOnDrag setSelectionBehaviorOnRemove tabTextColor	
count setShape tabToolTip	
currentChanged setTabButton tabWhatsThis	
currentIndex setTabData tabsClosable	
documentMode	
drawBase setTabIcon	
elideMode setTabText	

QTabWidget			
East	currentWidget	setIconSize	tabBarClicked
North	documentMode	setMovable	tabBarDoubleClicked
Rounded	elideMode	setTabBar	tabCloseRequested
South	iconSize	setTabBarAutoHide	tabIcon
TabPosition	indexOf	setTabEnabled	tabInserted
TabShape	initStyleOption	setTabIcon	tabPosition
Triangular	insertTab	setTabPosition	tabRemoved
West	isMovable	setTabShape	tabShape
len	isTabEnabled	setTabText	tabText
addTab	removeTab	setTabToolTip	tabToolTip
clear	setCornerWidget	setTabWhatsThis	tabWhatsThis
cornerWidget	setCurrentIndex	setTabsClosable	tabsClosable
count	setCurrentWidget	setUsesScrollButtons	usesScrollButtons
currentChanged	setDocumentMode	tabBar	widget
currentIndex	setElideMode	tabBarAutoHide	

QToolBar			
actionAt actionGeometry actionTriggered addSeparator addWidget allowedAreas allowedAreasChanged clear iconSize iconSizeChanged initStyleOption	insertSeparator insertWidget isAreaAllowed isFloatable isFloating isMovable movableChanged orientation orientationChanged setAllowedAreas setFloatable	setIconSize setMovable setOrientation setToolButtonStyle toggleViewAction toolButtonStyle toolButtonStyle toolButtonStyleChanged topLevelChanged visibilityChanged widgetForAction	

#### QSplashScreen

clearMessage drawContents finish message messageChanged pixmap setPixmap showMessage

#### QStatusBar

addPermanentWidget
addWidget
clearMessage
currentMessage
hideOrShow
insertPermanentWidget
insertWidget
isSizeGripEnabled
messageChanged
reformat
removeWidget
setSizeGripEnabled
showMessage

#### QSplitterHandle

closestLegalPosition
moveSplitter
opaqueResize
orientation
setOrientation
splitter

#### QRubberBand

Line
Rectangle
Shape
initStyleOption
shape

#### QSizeGrip

	QWizardPage	
buttonText cleanupPage completeChanged field initializePage isCommitPage isComplete isFinalPage	nextId pixmap registerField setButtonText setCommitPage setField setFinalPage setPixmap	setSubTitle setTitle subTitle title title validatePage wizard

 Ted Nelson said the PUI was a paper simulater, but it was dummed down paper: Example: I cant write on this, I can't put two boxes next to each other, I can't even move the cursor to the end of the line, which MS Dos's 16Bit Edit could do.

		QFrame	
Box HLine NoFrame Panel Plain Raised Shadow Shadow_Mask	Shape Shape_Mask StyleMask StyledPanel Sunken VLine WinPanel drawFrame	frameRect frameShadow frameShape frameStyle frameWidth initStyleOption lineWidth midLineWidth	setFrameRect setFrameShadow setFrameShape setFrameStyle setLineWidth setMidLineWidth

QFocusFrame initStyleOption setWidget widget

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QDockWidge QDesktopWidget	t	I
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AllDockWidgetFeatures screenCount	initStyleOption	availableGeometry
DockWidgetClosable   CreenCountChanged	isAreaAllowed	isVirtualDesktop
DockWidgetFeature  screenGeometry	isFloating	primaryScreen
DockWidgetFeatures	setAllowedAreas	primaryScreenChanged
DockWidgetFloatable workAreaResized	setFeatures	resized
DockWidgetMovable	setFloating	
DockWidgetVerticalTitleBar	setTitleBarWidget  	
NoDockWidgetFeatures	setWidget	
allowedAreasChanged	titleBarWidget toggleViewAction	
dockLocationChanged	topLevelChanged	
features	visibilityChanged	
featuresChanged	widget	

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594	QAbstractSlider			
595	QAbstractSpinBox			
596	SliderAction	repeatAction	_	ButtonSymbols
	isReadOnly		1	
597	SliderChange	setInvertedAppearance		CorrectToNearestValue
	keyboardTracking			
598	SliderMove	setInvertedControls		CorrectToPreviousValue
	lineEdit			
599	SliderNoAction	setMaximum		CorrectionMode
	selectAll			
600	SliderOrientationChange	setMinimum		NoButtons
	setAccelerated			
601	SliderPageStepAdd	setOrientation		PlusMinus
	setAlignment			
602	SliderPageStepSub	setPageStep		StepDownEnabled

	setButtonSymbols			
603	SliderRangeChange	setRange		StepEnabled
	setCorrectionMode			
604	SliderSingleStepAdd	setRepeatAction		StepEnabledFlag
605	setFrame		1	la. v
605	SliderSingleStepSub	setSingleStep '	I	StepNone
606	setGroupSeparatorShown   SliderStepsChange	 setSliderDown	1	StepUpEnabled
000	setKeyboardTracking		ı	b cepopEnabled
607	SliderToMaximum	setSliderPosition	1	UpDownArrows
	setLineEdit	1	ı	•
608	SliderToMinimum	setTracking	1	alignment
	setReadOnly		•	·
609	SliderValueChange	setValue		buttonSymbols
	setSpecialValueText			
610	actionTriggered	singleStep		clear
C11	setWrapping		1	1
611	hasTracking	sliderChange I	I	correctionMode
612	<pre>specialValueText linvertedAppearance</pre>	   sliderMoved	1	editingFinished
012	stepBy	I	ı	editingrinished
613	invertedControls	   sliderPosition	1	fixup
	stepDown	1	ı	r
614	isSliderDown	sliderPressed	1	hasAcceptableInput
	stepEnabled		,	
615	maximum	sliderReleased		hasFrame
	stepUp			
616	minimum	triggerAction		initStyleOption
61.0	text	l ,	1	1
617	orientation validate	value '	l	interpretText
618	pageStep	 valueChanged	1	isAccelerated
010	pagestep  wrapping	I	I	Isaccelerated
619	rangeChanged	ı	1	
0 1 0	isGroupSeparatorShown			
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