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+ getFrameSize:forContentSize:horizScroller: vertScroller:borderType:

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tile

Managing component Views setDocView:

docView

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backgroundColor

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getContentSize:

getContentSize:

(NXColor)backgroundColor

Returns the color of the content view's background.

setBackgroundColor:, backgroundColor, backgroundColor (ClipView)

(float)backgroundGray

Returns the gray value of the content view's background.

setBackgroundGray:, backgroundColor, backgroundGray (ClipView)

(int)borderType

Returns a value that represents the type of border surrounding the ScrollView, one of NX_NOBORDER, NX_BEZEL, or NX_GROOVE.

setBorderType:

docView

Returns the current document view.

setDocView:, docView (ClipView)

Places the size of the ScrollView's content view in the structure specified by theSize. theSize is supplied with the coordinates of the ScrollView's superview. Returns self.

getDocVisibleRect:(NXRect *)aRect

Gets the visible portion of the document view by forwarding this message to the content view. Returns the visible portion of the document view by the forwarded message.

getDocVisibleRect: (ClipView), getVisibleRect: (View)

horizScroller

Returns the horizontal scroller, a Scroller object.

vertScroller

initWithFrame:(const NXRect *)frameRect

Initializes the ScrollView. The ScrollView's frame rectangle is made equivalent to that pointed to by frameRect, expressed in the ScrollView's superview's coordinates. This method installs a ClipView as the content view, clipping is turned off (the ScrollView relies on the content view for clipping), opacity is set to YES, and autoscrolling is turned off. When created, the ScrollView has no Scrollers, and its content view fills its bounds rectangle. This method is the designated initializer for the ScrollView class, and can be used to initialize a ScrollView allocated with new. Returns self.

setHorizScrollerRequired:, setVertScrollerRequired:, setLineScroll:, setPageScroll:

read:(NXTypedStream *)stream

Reads the ScrollView from the typed stream stream. This method reads the ScrollView, its scrollers, and its content view, which in turn causes the content view's document view to be read. Returns self.

write:

reflectScroll:cView

Moves, resizes, or disables the Scrollers when the document is autoscrolled or changes size. Returns self.

resizeSubviews:(const NXSize *)oldSize

Overrides View's resizeSubviews: to retile the ScrollView. This method is invoked when the ScrollView receives the sizeTo: message. Returns self.

tile

setBackgroundGray:(float)value

Sets the gray value of the content view's background. This gray is used to paint areas inside of the document view that aren't covered by the document view. Returns the content view.

backgroundGray, setBackgroundColor:, setBackgroundGray: (ClipView)

setBorderType:(int)aType

Determines the border type of the ScrollView. aType must be NX_NOBORDER, NX_LINE, or NX_BORDER. The default is NX_NOBORDER. Returns self.

borderType

setCopyOnScroll:(BOOL)flag

Determines whether the bits on the screen will be copied when scrolling occurs. This method simply returns the value returned by the content view's setCopyOnScroll: method.

setCopyOnScroll: (ClipView)

setDisplayOnScroll:(BOOL)flag

Determines whether the results of scrolling will be immediately displayed. This method simply returns the value returned by the content view's setDisplayOnScroll: method.

setDisplayOnScroll: (ClipView), display (View), invalidate (View)

setDocCursor:anObj

Sets the cursor to be used inside the content view. Returns the old cursor.

setDocCursor: (ClipView)

setDocView:aView

Attaches the document view. Returns the old document view, or nil if there was none.

docView, setDocView: (ClipView)

setDynamicScrolling:(BOOL)flag

Determines whether dragging a scroller's knob will result in dynamic redisplay of the document. Returns self.

setHorizScrollerRequired: YES message to the ScrollView. Returns the old scroller.

setVertScroller:

setHorizScrollerRequired:(BOOL)flag

Adds or removes a horizontal scroller for the ScrollView. If flag is YES, the ScrollView creates a scroller and shrinks its other subviews to accommodate it. If flag is NO, the Scroller is removed from the ScrollView and its subviews are resized to fill the ScrollView. When a ScrollView is created, it doesn't have a horizontal scroller. If a Scroller is added, it will be enabled and disabled automatically by the ScrollView. This method returns the ScrollView. Returns self.

tile

setLineScroll:(float)value

Sets the amount to scroll the document view when the ScrollView receives a message to scroll one line. The value is expressed in the content view's coordinates. Returns self.

setPageScroll:

setPageScroll:(float)value

Sets the amount to scroll the document view when the ScrollView receives a message to scroll one page. The value is an amount common to the content view before and after the page scroll and is expressed in the content view's coordinates. Therefore, setting value to 0.0 implies that the entire content view is replaced when a page scroll occurs.

setLineScroll:

setVertScroller:anObject

Sets the vertical scroller to anObject (which should be an instance of a subclass of Scroller). This method adds anObject to the ScrollView and sets anObject's action to the ScrollView's private method that responds to the scroll message and invokes the appropriate scrolling behavior. To make the scroller visible, you must send a setHorizScrollerRequired: YES message to the ScrollView. Returns the old scroller.

setHorizScroller:

setVertScrollerRequired:(BOOL)flag

Adds or removes a vertical scroller to the ScrollView. If flag is YES, the ScrollView creates a new vertical scroller and shrinks its other subviews to accommodate it. If flag is NO, the Scroller is removed from the ScrollView and its subviews are resized to fill the ScrollView. When a ScrollView is created, it doesn't have a vertical scroller. If a Scroller is added, it will be enabled and disabled automatically by the ScrollView. This method retiles and returns the ScrollView. Returns self.

tile

setVertScrollerRequired., setHorzScrollerRequired., resizeSubviews.

vertScroller

Returns the vertical scroller, a Scroller object.

horizScroller

write:(NXTypedStream *)stream

Writes the ScrollView to the typed stream stream. This method writes the ScrollView, its scrollers which in turn causes the content view's document view to be written. Returns self.

read: