PDFThumbnailView Class Reference

Graphics & Imaging > Cocoa

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PDFThumbnailView Class Reference

Inherits from	NSView : NSResponder : NSObject
Conforms to	NSCoding NSAnimatablePropertyContainer (NSView) NSCoding (NSResponder) NSObject (NSObject)
Framework	Library/Frameworks/Quartz.framework/Frameworks/PDFKit.framework
Availability	Available in Mac OS X v10.5 and later.
Declared in	PDFThumbnailView.h

Overview

A `PDFThumbnailView` object contains a set of thumbnails, each of which represents a page in a PDF document.

Tasks

Accessing the Associated PDF View

- `PDFView` (page 8)
  Returns the `PDFView` object associated with the thumbnail view.
- `setPDFView:` (page 11)
  Associates the specified `PDFView` object with the thumbnail view.

Managing the Size of a Thumbnail View

- `thumbnailSize` (page 12)
  Returns the maximum width and height of the thumbnails in the thumbnail view.
- `setThumbnailSize:` (page 11)
  Sets the maximum width and height of the thumbnails in the thumbnail view.

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Working with Thumbnail View Display Characteristics

- `maximumNumberOfColumns` (page 8)
  Returns the maximum number of columns of thumbnails the thumbnail view can display.
- `setMaximumNumberOfColumns:` (page 11)
  Sets the maximum number of columns of thumbnails the thumbnail view can display.
- `labelFont` (page 8)
  Returns the font used to label the thumbnails.
- `setLabelFont:` (page 10)
  Sets the font used to label the thumbnails.
- `backgroundColor` (page 7)
  Returns the color used in the background of the thumbnail view.
- `setBackgroundColor:` (page 10)
  Sets the color used in the background of the thumbnail view.

Managing the Behavior of a Thumbnail View

- `allowsDragging` (page 6)
  Returns a Boolean value indicating whether users can drag thumbnails (that is, re-order pages in the document) within the thumbnail view.
- `setAllowsDragging:` (page 9)
  Sets whether users can drag thumbnails within the thumbnail view; that is, re-order pages in the document.
- `allowsMultipleSelection` (page 7)
  Returns a Boolean value indicating whether users can select multiple thumbnails in the thumbnail view at one time.
- `setAllowsMultipleSelection:` (page 9)
  Sets whether the thumbnail view allows users to select more than one thumbnail at a time.
- `selectedPages` (page 9)
  Returns an array of PDF pages that correspond to the selected thumbnails in the thumbnail view.

Instance Methods

allowsDragging

Returns a Boolean value indicating whether users can drag thumbnails (that is, re-order pages in the document) within the thumbnail view.

```
- (BOOL)allowsDragging
```

Return Value
`YES` if users can re-order pages by dragging thumbnails, `NO` otherwise.

Availability
Available in Mac OS X v10.5 and later.

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See Also
- `setAllowsDragging:` (page 9)

Declared In
`PDFThumbnailView.h`

allowsMultipleSelection

Returns a Boolean value indicating whether users can select multiple thumbnails in the thumbnail view at one time.

```
- (BOOL)allowsMultipleSelection
```

Return Value
`YES` if users can select multiple thumbnails simultaneously, `NO` otherwise.

Discussion
By default, `PDFThumbnailView` allows only a single thumbnail to be selected at one time. When this is the case, you can get the PDF page that corresponds to the selected thumbnail using the `PDFView` method `currentPage`.

When multiple selections are enabled, however, you must use `selectedPages` (page 9) to get the pages that correspond to the set of selected thumbnails.

Availability
Available in Mac OS X v10.5 and later.

See Also
- `setAllowsMultipleSelection:` (page 9)
- `selectedPages` (page 9)

Declared In
`PDFThumbnailView.h`

backgroundColor

Returns the color used in the background of the thumbnail view.

```
- (NSColor *)backgroundColor
```

Return Value
The color of the background in the thumbnail view.

Availability
Available in Mac OS X v10.5 and later.

See Also
- `setBackgroundColor:` (page 10)

Declared In
`PDFThumbnailView.h`

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labelFont

Returns the font used to label the thumbnails.

```
- (NSFont *)labelFont
```

Return Value
The font used in the thumbnail labels.

Discussion
Typically, the label of a thumbnail is the page number of the page it represents.

Availability
Available in Mac OS X v10.5 and later.

See Also
`- setLabelFont:` (page 10)

Declared In
`PDFThumbnailView.h`

maximumNumberOfColumns

Returns the maximum number of columns of thumbnails the thumbnail view can display.

```
- (NSUInteger)maximumNumberOfColumns
```

Return Value
The maximum number of columns of thumbnails the thumbnail view can display. If `0`, the thumbnail displays as many columns of thumbnails as fit in its size.

Availability
Available in Mac OS X v10.5 and later.

See Also
`- setThumbnailSize:` (page 11)

Declared In
`PDFThumbnailView.h`

PDFView

Returns the `PDFView` object associated with the thumbnail view.

```
- (PDFView *)PDFView
```

Return Value
The PDF view object associated with the thumbnail view.

Availability
Available in Mac OS X v10.5 and later.

See Also
`- setPDFView:` (page 11)

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Declared In
PDFThumbnailView.h

selectedPages

Returns an array of PDF pages that correspond to the selected thumbnails in the thumbnail view.

```
- (NSArray *)selectedPages
```

Return Value
An array of PDF pages that correspond to the thumbnails selected in the thumbnail view.

Discussion
If the thumbnail view allows multiple selections (if `allowsMultipleSelection` (page 7) returns `YES`), you can use this method to get the PDF pages that correspond to the selected thumbnails.

Availability
Available in Mac OS X v10.5 and later.

See Also
- `allowsMultipleSelection` (page 7)
- `setAllowsDragging:` (page 9)

Declared In
PDFThumbnailView.h

setAllowsDragging:

Sets whether users can drag thumbnails within the thumbnail view; that is, re-order pages in the document.

```
- (void)setAllowsDragging:(BOOL)allow
```

Parameters
allow
Pass `YES` to allow users to drag thumbnails in the thumbnail view (this allows them to re-order pages in the document), or `NO` to disallow.

Availability
Available in Mac OS X v10.5 and later.

See Also
- `allowsDragging` (page 6)

Declared In
PDFThumbnailView.h

setAllowsMultipleSelection:

Sets whether the thumbnail view allows users to select more than one thumbnail at a time.

```
- (void)setAllowsMultipleSelection:(BOOL)flag
```


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Parameters

flag

Pass YES to allows users to select multiple thumbnails at one time, or NO to disallow.

Discussion

By default, PDFThumbnailView allows only a single thumbnail to be selected at one time. When this is the case, you can get the PDF page that corresponds to the selected thumbnail using the PDFView method currentPage.

If you use setAllowsMultipleSelection to enable multiple selections, however, you must use selectedPages (page 9) to get the pages that correspond to the set of selected thumbnails.

Availability

Available in Mac OS X v10.5 and later.

See Also

- allowsMultipleSelection (page 7)
- selectedPages (page 9)

Declared In

PDFThumbnailView.h

setBackgroundColor:

Sets the color used in the background of the thumbnail view.

```
- (void)setBackgroundColor:(NSColor *)color
```

Parameters

color

The color to be used in the background of the thumbnail view.

Availability

Available in Mac OS X v10.5 and later.

See Also

- backgroundColor (page 7)

Declared In

PDFThumbnailView.h

setLabelFont:

Sets the font used to label the thumbnails.

```
- (void)setLabelFont:(NSFont *)font
```

Parameters

font

The font to be used in the thumbnail labels.

Discussion

Typically, the label of a thumbnail is the page number of the page it represents.

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Availability
Available in Mac OS X v10.5 and later.

See Also
- `labelFont` (page 8)

Declared In
`PDFThumbnailView.h`

setMaximumNumberOfColumns:

Sets the maximum number of columns of thumbnails the thumbnail view can display.

```
- (void)setMaximumNumberOfColumns:(NSUInteger)maxColumns
```

Parameters

maxColumns

The maximum number of columns of thumbnails the thumbnail view can display. Pass `0` to make the thumbnail view display as many columns as fit in its size.

Availability
Available in Mac OS X v10.5 and later.

See Also
- `thumbnailSize` (page 12)

Declared In
`PDFThumbnailView.h`

setPDFView:

Associates the specified `PDFView` object with the thumbnail view.

```
- (void)setPDFView:(PDFView *)view
```

Parameters

view

The PDF view object to associate with the thumbnail view.

Availability
Available in Mac OS X v10.5 and later.

See Also
- `PDFView` (page 8)

Declared In
`PDFThumbnailView.h`

setThumbnailSize:

Sets the maximum width and height of the thumbnails in the thumbnail view.

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```
- (void)setThumbnailSize:(NSSize)size
```

Parameters

size

The maximum width and height the thumbnails in the thumbnail view should be.

Availability
Available in Mac OS X v10.5 and later.

See Also
- thumbnailSize (page 12)

Declared In
PDFThumbnailView.h

thumbnailSize

Returns the maximum width and height of the thumbnails in the thumbnail view.

```
- (NSSize)thumbnailSize
```

Return Value
The maximum width and height of the thumbnails in the thumbnail view.

Availability
Available in Mac OS X v10.5 and later.

See Also
- setThumbnailSize: (page 11)

Declared In
PDFThumbnailView.h

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Document Revision History

This table describes the changes to *PDFThumbnailView Class Reference*.

Date	Notes
2007-12-11	Made minor corrections.
2007-10-31	New document that describes the class that represents the thumbnail view in a PDF document.

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Document Revision History

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