
PDFAnnotationChoiceWidget Class Reference

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PDFAnnotationChoiceWidget Class Reference

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

Overview

A `PDFAnnotationChoiceWidget` object provides user interactivity on a page of a PDF document, in the form of pop-up menus and lists.

`PDFAnnotationChoiceWidget` inherits general annotation behavior from the `PDFAnnotation` class. If you use a `PDFAnnotationChoiceWidget` object, your application must handle hit testing, unless you are simply using `PDFView` to display content. This is because `PDFView` automatically handles hit testing for you.

Tasks

Getting and Setting the String Value

- [stringValue](#) (page 11)
Returns the selection in the widget annotation.
- [setStringValue:](#) (page 10)
Sets the selection in the widget annotation.

Managing Font and Background Color Characteristics

- [backgroundColor](#) (page 6)
Returns the color of the widget annotation background.
- [setBackground-color:](#) (page 8)
Sets the background color of the widget annotation.
- [font](#) (page 7)
Returns the font used to display the text in the widget annotation.

- [setFont:](#) (page 9)
Sets the font used to display the text in the widget annotation.
- [fontColor](#) (page 8)
Returns the font color used to display the text in the widget annotation.
- [setFontColor:](#) (page 9)
Sets the font color used to display the text in the widget annotation.

Managing the Associated Field Name

- [fieldName](#) (page 7)
Returns the internal field name associated with the widget annotation.
- [setFieldName:](#) (page 9)
Sets the internal field name associated with the widget annotation's value.

Determining the Type of Choice Widget Annotation

- [isListChoice](#) (page 8)
Returns a Boolean value indicating whether the widget annotation is a list.
- [setIsListChoice:](#) (page 10)
Sets whether the widget annotation is a list.

Accessing the Items in the Choice Widget Annotation

- [choices](#) (page 7)
Returns an array of strings that represent the items available in the list or pop-up menu of the choice widget annotation.
- [setChoices:](#) (page 8)
Sets the items available in the list or pop-up menu of the choice widget annotation.

Instance Methods

backgroundColor

Returns the color of the widget annotation background.

- (NSColor *)backgroundColor

Return Value

The color of the widget annotation background.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

choices

Returns an array of strings that represent the items available in the list or pop-up menu of the choice widget annotation.

- (NSArray *)choices

Return Value

An array of strings that represent the items in the list or pop-up menu choice widget annotation.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

fieldName

Returns the internal field name associated with the widget annotation.

- (NSString *)fieldName

Return Value

The internal field name associated with the widget annotation.

Discussion

If the widget annotation is backed by PDF form data, it can associate an optional field name with a value or other data.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

font

Returns the font used to display the text in the widget annotation.

- (NSFont *)font

Return Value

The font used to display the text in the widget annotation.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

fontColor

Returns the font color used to display the text in the widget annotation.

- (NSColor *)fontColor

Return Value

The color of the font used for the text in the widget annotation.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

isListChoice

Returns a Boolean value indicating whether the widget annotation is a list.

- (BOOL)isListChoice

Return Value

YES if the widget annotation is a list, NO otherwise.

Discussion

A choice widget annotation can be either a list or a pop-up menu.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

setBackgroundColor:

Sets the background color of the widget annotation.

- (void)setBackgroundColor:(NSColor *)color

Parameters

color

The color to use in the background of the widget annotation.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

setChoices:

Sets the items available in the list or pop-up menu of the choice widget annotation.


```
- (void)setChoices:(NSArray *)options
```

Parameters

options

Send an array of strings, each of which represents an item in the list or pop-up menu of the choice annotation widget.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

setFieldName:

Sets the internal field name associated with the widget annotation's value.

```
- (void)setFieldName:(NSString *)name
```

Parameters

name

The name to be used as the internal field name associated with the widget annotation.

Discussion

If the widget annotation is backed by PDF form data, it can associate an optional field name with a value or other data.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

setFont:

Sets the font used to display the text in the widget annotation.

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

Parameters

font

The font to be used for the text in the widget annotation.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

setFontColor:

Sets the font color used to display the text in the widget annotation.

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

Parameters

color

The color of the font to be used for the text in the widget annotation.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

setIsListChoice:

Sets whether the widget annotation is a list.

```
- (void)setIsListChoice:(BOOL)isList
```

Parameters

isList

Send YES to set the choice widget annotation is a list, NO otherwise.

Discussion

A choice widget annotation can be either a list or a pop-up menu.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

setStringValue:

Sets the selection in the widget annotation.

```
- (void)setStringValue:(NSString *)value
```

Parameters

value

The string that represents the selection in the widget annotation.

Discussion

If the widget annotation object is backed by PDF form data, this method updates the value associated with the appropriate field in the form object.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

stringValue

Returns the selection in the widget annotation.

- (NSString *)stringValue

Return Value

The string that represents the selection in the widget annotation.

Discussion

If the widget annotation object is backed by PDF form data, this method returns the value associated with the appropriate field in the form object, if possible.

Availability

Available in Mac OS X v10.5 and later.

Declared In

PDFAnnotationChoiceWidget.h

Document Revision History

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

Date	Notes
2007-12-11	Made minor corrections.
2007-10-31	New document that describes the class used to support pop-up menu and list annotations in a PDF document.

REVISION HISTORY

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