

FastPdfKit

3.0

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Contents

1	Class Index	1
1.1	Class Hierarchy	1
2	Class Index	3
2.1	Class List	3
3	Class Documentation	5
3.1	FPKAnnotation Class Reference	5
3.1.1	Property Documentation	5
3.1.1.1	rect	5
3.2	<FPKOverlayViewDataSource> Protocol Reference	5
3.2.1	Member Function Documentation	6
3.2.1.1	documentViewController:overlayViewsForPage:	6
3.2.1.2	documentViewController:rectForOverlayView:onPage:	6
3.2.1.3	documentViewController:willAddOverlayView:	6
3.3	FPKURIAnnotation Class Reference	6
3.3.1	Property Documentation	7
3.3.1.1	uri	7
3.4	<MFAudioPlayerViewProtocol> Protocol Reference	7
3.4.1	Member Function Documentation	7
3.4.1.1	audioPlayerViewInstance	7
3.4.1.2	audioProviderDidStart:	7
3.4.1.3	setAudioProvider:	7
3.5	<MFAudioProvider> Protocol Reference	8
3.5.1	Member Function Documentation	8
3.5.1.1	isPlaying	8

3.5.1.2	setVolumeLevel:	8
3.5.1.3	togglePlay	8
3.5.1.4	volumeLevel	8
3.6	MFDocumentManager Class Reference	8
3.6.1	Member Function Documentation	9
3.6.1.1	createImageForThumbnailOfPageNumber:ofSize:andScale:	9
3.6.1.2	documentManagerWithFilePath:	10
3.6.1.3	emptyCache	10
3.6.1.4	getCropbox:andRotation:forPageNumber:withBuffer:	10
3.6.1.5	initWithDataProvider:	10
3.6.1.6	initWithFileUrl:	10
3.6.1.7	isLocked	10
3.6.1.8	numberOfPages	10
3.6.1.9	outline	10
3.6.1.10	pageNumberForDestinationNamed:	10
3.6.1.11	paramsFromURI:	11
3.6.1.12	searchResultOnPage:forSearchTerms:	11
3.6.1.13	tryUnlockWithPassword:	11
3.6.1.14	uriAnnotationsForPageNumber:	11
3.6.1.15	version	11
3.6.1.16	wholeTextForPage:	11
3.6.2	Property Documentation	11
3.6.2.1	resourceFolder	11
3.7	<MFDocumentOverlayDataSource> Protocol Reference	11
3.7.1	Member Function Documentation	12
3.7.1.1	documentViewController:didReceiveTapOnTouchable:	12
3.7.1.2	documentViewController:drawablesForPage:	12
3.7.1.3	documentViewController:touchablesForPage:	12
3.8	MFDocumentViewController Class Reference	12
3.8.1	Member Function Documentation	14
3.8.1.1	addOverlayDataSource:	14
3.8.1.2	addOverlayViewDataSource:	14
3.8.1.3	automodeOnRotation	14
3.8.1.4	autozoomOnPageChange	14

3.8.1.5	cleanUp	14
3.8.1.6	convertPoint:fromOverlayToPage:	14
3.8.1.7	convertPoint:fromViewToPage:	15
3.8.1.8	convertPoint:toOverlayFromPage:	15
3.8.1.9	convertPoint:toViewFromPage:	15
3.8.1.10	convertRect:fromOverlayToPage:	15
3.8.1.11	convertRect:fromViewToPage:	15
3.8.1.12	convertRect:toOverlayFromPage:	15
3.8.1.13	convertRect:toViewFromPage:	15
3.8.1.14	direction	15
3.8.1.15	gesturesDisabled	15
3.8.1.16	lead	15
3.8.1.17	leftPage	16
3.8.1.18	mode	16
3.8.1.19	moveToNextPage	16
3.8.1.20	moveToPreviousPage	16
3.8.1.21	page	16
3.8.1.22	reloadOverlay	16
3.8.1.23	rightPage	16
3.8.1.24	setAutoMode:	16
3.8.1.25	setAutomodeOnRotation:	16
3.8.1.26	setAutozoomOnPageChange:	17
3.8.1.27	setDirection:	17
3.8.1.28	setEdgeFlipWidth:	17
3.8.1.29	setLead:	17
3.8.1.30	setMaximumZoomScale:	17
3.8.1.31	setMode:	17
3.8.1.32	setPage:	17
3.8.1.33	setPage:withZoomOfLevel:onRect:	18
3.8.1.34	setScrollEnabled:	18
3.8.1.35	zoomLevelForAnnotationRect:ofPage:	18
3.8.1.36	zoomOffset	18
3.8.1.37	zoomScale	18
3.8.2	Property Documentation	18

3.8.2.1	defaultEdgeFlipWidth	18
3.8.2.2	defaultMaxZoomScale	18
3.8.2.3	directionalLockEnabled	18
3.8.2.4	legacyModeEnabled	19
3.8.2.5	overlayEnabled	19
3.8.2.6	padding	19
3.8.2.7	pageFlipOnEdgeTouchEnabled	19
3.8.2.8	showHorizontalScroller	19
3.8.2.9	showShadow	19
3.8.2.10	startingPage	19
3.8.2.11	useTiledOverlayView	19
3.8.2.12	zoomInOnDoubleTapEnabled	19
3.9	<MFDocumentViewControllerDelegate> Protocol Reference	20
3.9.1	Member Function Documentation	20
3.9.1.1	classForAudioPlayerView	20
3.9.1.2	documentViewController:didChangeDirectionTo:	20
3.9.1.3	documentViewController:didChangeLeadTo:	21
3.9.1.4	documentViewController:didChangeModeTo:automatic:	21
3.9.1.5	documentViewController:didEndZoomingAtScale:	21
3.9.1.6	documentViewController:didFocusOnPage:	21
3.9.1.7	documentViewController:didGoToPage:	21
3.9.1.8	documentViewController:didReceiveDoubleTapOnAnnotationRect:withUri:onPage:	21
3.9.1.9	documentViewController:didReceiveRequestToGoToDestinationNamed:ofFile:	21
3.9.1.10	documentViewController:didReceiveRequestToGoToPage:ofFile:	22
3.9.1.11	documentViewController:didReceiveTapAtPoint:	22
3.9.1.12	documentViewController:didReceiveTapOnAnnotationRect:withUri:onPage:	22
3.9.1.13	documentViewController:didReceiveTapOnPage:atPoint:	22
3.9.1.14	documentViewController:didReceiveURLRequest:	22
3.9.1.15	documentViewController:doesHaveToAutoplayAudio:	22
3.9.1.16	documentViewController:doesHaveToAutoplayVideo:	22
3.9.1.17	documentViewController:doesHaveToLoopVideo:	23
3.9.1.18	documentViewController:willFocusOnPage:	23
3.9.1.19	documentViewController:willFollowLinkToPage:	23
3.9.1.20	documentViewControllerDidUnfocus:	23

3.10	<MFOverlayDrawable> Protocol Reference	23
3.10.1	Member Function Documentation	24
3.10.1.1	drawInContext:	24
3.11	<MFOverlayTouchable> Protocol Reference	24
3.11.1	Member Function Documentation	24
3.11.1.1	containsPoint:	24
3.12	MFPDFOutlineEntry Class Reference	24
3.12.1	Property Documentation	24
3.12.1.1	bookmarks	24
3.12.1.2	indentation	25
3.12.1.3	pageNumber	25
3.12.1.4	title	25
3.13	MFTextItem Class Reference	25
3.13.1	Member Function Documentation	26
3.13.1.1	highlightRedColor	26
3.13.1.2	initWithText:andHighlightPath:	26
3.13.1.3	initWithText:highlightPath:andPage:	26
3.13.2	Property Documentation	26
3.13.2.1	highlightColor	26
3.13.2.2	highlightPath	26
3.13.2.3	page	26
3.13.2.4	text	26

Chapter 1

Class Index

1.1 Class Hierarchy

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

FPKAnnotation	5
FPKURIAnnotation	6
<FPKOverlayViewDataSource>	5
<MFAudioPlayerViewProtocol>	7
<MFAudioProvider>	8
MFDocumentManager	8
<MFDocumentOverlayDataSource>	11
MFDocumentViewController	12
<MFDocumentViewControllerDelegate>	20
<MFOverlayDrawable>	23
MFTextItem	25
<MFOverlayTouchable>	24
MFPDFOutlineEntry	24

Chapter 2

Class Index

2.1 Class List

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

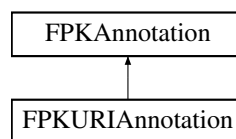
FPKAnnotation	5
<FPKOverlayViewDataSource>	5
FPKURIAnnotation	6
<MFAudioPlayerViewProtocol>	7
<MFAudioProvider>	8
MFDDocumentManager	8
<MFDDocumentOverlayDataSource>	11
MFDDocumentViewController	12
<MFDDocumentViewControllerDelegate>	20
<MFOverlayDrawable>	23
<MFOverlayTouchable>	24
MFPDFOutlineEntry	24
MFTextItem	25

Chapter 3

Class Documentation

3.1 FPKAnnotation Class Reference

Inheritance diagram for FPKAnnotation:



Properties

- CGRect [rect](#)

3.1.1 Property Documentation

3.1.1.1 `-(CGRect) rect` [read, write, assign]

Rect of the annotation in page coordinates (origin at the bottom left).

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

- FastPdfKitLibrary/FPKAnnotation.h

3.2 <FPKOverlayViewDataSource> Protocol Reference

Public Member Functions

- (NSArray *) - [documentViewController:overlayViewsForPage:](#)

- (CGRect) - [documentViewController:rectForOverlayView:onPage:](#)
- (void) - [documentViewController:willAddOverlayView:](#)
- (void) - **documentViewController:didAddOverlayView:**
- (void) - **documentViewController:willRemoveOverlayView:**
- (void) - **documentViewController:didRemoveOverlayView:**

3.2.1 Member Function Documentation

3.2.1.1 - (NSArray *) **documentViewController: dummy(MFDocumentViewController *) dvc**
overlayViewsForPage:(NSInteger) page [optional]

This method shall return a set of view to display over the pdf page.

3.2.1.2 - (CGRect) **documentViewController: dummy(MFDocumentViewController *) dvc**
rectForOverlayView:(UIView *) view onPage:(NSInteger) page [optional]

This method needs to return the frame in page-coordinates for the view passed as arguments. Remember that, like drawables and touchables, the coordinate system's origin is in the bottom left corner of the page.

3.2.1.3 - (void) **documentViewController: dummy(MFDocumentViewController *) dvc**
willAddOverlayView:(UIView *) view [optional]

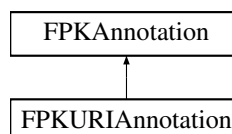
These callbacks will be invoked when the overlay view is going to be added, after is added, when is going to be removed and when it is actually removed from the page view. Use these to change the status of the view and or start/stop any action that needs to be synchronized with the lifecycle of the view.

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

- FastPdfKitLibrary/FPKOverlayViewDataSource.h

3.3 FPKURIAnnotation Class Reference

Inheritance diagram for FPKURIAnnotation:



Properties

- NSString * [uri](#)

3.3.1 Property Documentation

3.3.1.1 -(NSString *) uri [read, write, copy]

URI associated to the annotation.

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

- FastPdfKitLibrary/FPKURIAnnotation.h

3.4 <MFAudioPlayerViewProtocol> Protocol Reference

Public Member Functions

- (void) - [setAudioProvider:](#)
- (void) - [audioProviderDidStart:](#)
- (void) - [audioProviderDidStop:](#)
- (void) - [audioProvider:volumeAdjustedTo:](#)

Static Public Member Functions

- (UIView *) + [audioPlayerViewInstance](#)

3.4.1 Member Function Documentation

3.4.1.1 +(UIView *) audioPlayerViewInstance

This method will be called to provide a view instance to add to the overlay.

3.4.1.2 -(void) audioProviderDidStart: dummy(id< MFAudioProvider >) *mfeap*

Playback and status event methods.

3.4.1.3 -(void) setAudioProvider: dummy(id< MFAudioProvider >) *provider*

This method will be called to give a chance to store the reference to the provider that will notify the view about the playback. It is recommended to assign it, not retain to avoid circular retention between provider and review.

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

- FastPdfKitLibrary/MFAudioPlayerViewProtocol.h

3.5 <MFAudioProvider> Protocol Reference

Public Member Functions

- (void) - [togglePlay](#)
- (BOOL) - [isPlaying](#)
- (void) - [setVolumeLevel:](#)
- (float) - [volumeLevel](#)

3.5.1 Member Function Documentation

3.5.1.1 - (BOOL) [isPlaying](#)

Tell if the audio clip is playing.

3.5.1.2 - (void) [setVolumeLevel:](#) *dummy(float) volume*

Set the volume level, from 0.0 to 1.0.

3.5.1.3 - (void) [togglePlay](#)

Play when stopped and viceversa.

3.5.1.4 - (float) [volumeLevel](#)

Return the volume level.

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

- FastPdfKitLibrary/MFAudioProvider.h

3.6 MFDocumentManager Class Reference

Public Member Functions

- (CGImageRef) - **[createImageFromPDFPagesLeft:andRight:size:andScale:useLegacy:](#)**
- (CGImageRef) - **[createImageFromPDFPage:size:andScale:useLegacy:](#)**
- (CGImageRef) - **[createImageFromPDFPagesLeft:andRight:size:andScale:useLegacy:showShadow:](#)**
- (CGImageRef) - **[createImageFromPDFPage:size:andScale:useLegacy:showShadow:andPadding:](#)**
- (void) - **[drawPageNumber:onContext:](#)**
- (void) - [getCropbox:andRotation:forPageNumber:withBuffer:](#)

- (CGImageRef) - [createImageForThumbnailOfPageNumber:ofSize:andScale:](#)
- (NSMutableArray *) - [outline](#)
- (id) - [initWithFileUrl:](#)
- (id) - [initWithDataProvider:](#)
- (BOOL) - [isLocked](#)
- (BOOL) - [tryUnlockWithPassword:](#)
- (NSUInteger) - [numberOfPages](#)
- (NSUInteger) - [pageNumberForDestinationNamed:](#)
- (void) - [emptyCache](#)
- (NSArray *) - [searchResultOnPage:forSearchTerms:](#)
- (NSString *) - [wholeTextForPage:](#)
- (NSArray *) - [uriAnnotationsForPageNumber:](#)

Static Public Member Functions

- (MFDocumentManager *) + [documentManagerWithFilePath:](#)
- (NSString *) + [version](#)
- (NSDictionary *) + [paramsFromURI:](#)

Protected Attributes

- MFOffscreenRenderer * **renderer**
- CGPDFDocumentRef **document**
- NSLock * **lock**
- NSURL * **url**
- CGDataProviderRef **provider**
- NSUInteger **numberOfPages**
- NSString * **password**
- NSLock * **pageDataLock**
- int * **dataSetFlags**
- CGRect * **cropboxes**
- int * **rotations**

Properties

- NSString * [resourceFolder](#)

3.6.1 Member Function Documentation

- 3.6.1.1 - (CGImageRef) [createImageForThumbnailOfPageNumber:](#) dummy(NSUInteger) *pageNr*
ofSize:(CGSize) *size* andScale:(CGFloat) *scale*

Create a thumbnail for a specific page. It will look far better than the thumbnail integrated inside the pdf, but it is also slower.

3.6.1.2 + (MFDocumentManager *) documentManagerWithFilePath: dummy(NSString *) filePath

Factory method to create an [MFDocumentManager](#) instance from a know file path.

3.6.1.3 - (void) emptyCache

Clear the page cache. It is important to call this method on memory warning as in the sample code to prevent the application being killed right for excessive memory usage.

3.6.1.4 - (void) getCropbox: dummy(CGRect *) cropbox andRotation:(int *) rotation forPageNumber:(NSInteger) pageNumber withBuffer:(BOOL) withOrWithout

Use this method to get the cropbox and the rotation of a certain pdf page.

3.6.1.5 - (id) initWithDataProvider: dummy(CGDataProviderRef) dataProvider

Initializer with data provider.

3.6.1.6 - (id) initWithFileUrl: dummy(NSURL *) anUrl

Initializer. You can also use the factory method above.

3.6.1.7 - (BOOL) isLocked

Check if a document is encrypted and blocked by a password or not.

3.6.1.8 - (NSInteger) numberOfPages

Return the number of pages that make up the document.

3.6.1.9 - (NSMutableArray *) outline

Return an array of MFOutlineEntry as the outline/TOC of the pdf document.

3.6.1.10 - (NSInteger) pageNumberForDestinationNamed: dummy(NSString *) name

This method will return the page number of the destination with the name passed as argument.

3.6.1.11 + (NSDictionary *) paramsFromURI: dummy(NSString *) *uri*

Get the parameters for a generic uri, useful to parse options passed with the annotations to customize the behaviour.

3.6.1.12 - (NSArray *) searchResultOnPage: dummy(NSUInteger) *pageNr*
forSearchTerms:(NSString *) *searchTerm*

Return an array of [MFTextItem](#) representing the matches of the search term on the page passed as arguments. It is a good choice running this method in a secondary thread.

3.6.1.13 - (BOOL) tryUnlockWithPassword: dummy(NSString *) *aPassword*

Try to unlock the document with a password and return if the unlock has been successful or not.

3.6.1.14 - (NSArray *) uriAnnotationsForPageNumber: dummy(NSUInteger) *pageNr*

Array of every uri annotation for a selected page.

3.6.1.15 + (NSString *) version

Build version of this library. Useful for debugging purposes.

3.6.1.16 - (NSString *) wholeTextForPage: dummy(NSUInteger) *pageNr*

Return a string representation of the text contained in a pdf page.

3.6.2 Property Documentation

3.6.2.1 - (NSString *) resourceFolder [read, write, retain]

Resource folder for the document. Video, audio and other files referenced in the pdf are contained here.

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

- FastPdfKitLibrary/MFDocumentManager.h

3.7 <MFDocumentOverlayDataSource> Protocol Reference

Public Member Functions

- (NSArray *) - [documentViewController:drawablesForPage:](#)

- (NSArray *) - [documentViewController:touchablesForPage:](#)
- (void) - [documentViewController:didReceiveTapOnTouchable:](#)
- (NSArray *) - [documentViewController:overlayViewsForPage:](#)
- (void) - [documentViewController:willRemoveOverlayView:](#)
- (void) - [documentViewController:didRemoveOverlayView:](#)
- (void) - [documentViewController:willAddOverlayView:](#)
- (void) - [documentViewController:didAddOverlayView:](#)

3.7.1 Member Function Documentation

3.7.1.1 - (void) [documentViewController: dummy\(MFDocumentViewController *\)](#)
dvc didReceiveTapOnTouchable:(id< MFOverlayTouchable >) [touchable](#)
[optional]

This method will be called when an user does tap on an overlay touchable element.

3.7.1.2 - (NSArray *) [documentViewController: dummy\(MFDocumentViewController *\)](#)
dvc drawablesForPage:(NSInteger) [page](#) *[optional]*

This method is invoked when a new detail page is going to be drawn and [overlayEnabled](#) of the [MFDocumentViewController](#) is set to YES. The object setted as [overlayDataSource](#) is then required to return an array of [MFOverlayDrawable](#) object to be drawn on the page as overlay.

3.7.1.3 - (NSArray *) [documentViewController: dummy\(MFDocumentViewController *\)](#)
dvc touchablesForPage:(NSInteger) [page](#) *[optional]*

This method is invoked when a new detail page is going to be drawn and [overlayEnables](#) is set to YES. Objects added as overlay data sources are required to submit touchables element to be tested against user input events.

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

- FastPdfKitLibrary/MFDocumentOverlayDataSource.h

3.8 MFDocumentViewController Class Reference

Public Member Functions

- (void) - [addOverlayDataSource:](#)
- (void) - [removeOverlayDataSource:](#)
- (void) - [addOverlayViewDataSource:](#)
- (void) - [removeOverlayViewDataSource:](#)
- (void) - [reloadOverlay](#)
- (float) - [zoomLevelForAnnotationRect:ofPage:](#)

- (float) - [zoomScale](#)
- (CGPoint) - [zoomOffset](#)
- (NSInteger) - [leftPage](#)
- (NSInteger) - [rightPage](#)
- (void) - [setEdgeFlipWidth:](#)
- (CGFloat) - [edgeFlipWidth](#)
- (id) - [initWithDocumentManager:](#)
- (BOOL) - [automodeOnRotation](#)
- (void) - [setAutomodeOnRotation:](#)
- (void) - [setMode:](#)
- (void) - [setAutoMode:](#)
- (MFDocumentMode) - [mode](#)
- (void) - [setPage:](#)
- (void) - [setPage:withZoomOfLevel:onRect:](#)
- (NSInteger) - [page](#)
- (void) - [setLead:](#)
- (MFDocumentLead) - [lead](#)
- (void) - [setDirection:](#)
- (MFDocumentDirection) - [direction](#)
- (void) - [setAutozoomOnPageChange:](#)
- (BOOL) - [autozoomOnPageChange](#)
- (void) - [moveToNextPage](#)
- (void) - [moveToPreviousPage](#)
- (void) - [cleanUp](#)
- (CGPoint) - [convertPoint:fromViewtoPage:](#)
- (CGPoint) - [convertPoint:toViewFromPage:](#)
- (CGRect) - [convertRect:fromViewToPage:](#)
- (CGRect) - [convertRect:toViewFromPage:](#)
- (CGPoint) - [convertPoint:fromOverlayToPage:](#)
- (CGPoint) - [convertPoint:toOverlayFromPage:](#)
- (CGRect) - [convertRect:fromOverlayToPage:](#)
- (CGRect) - [convertRect:toOverlayFromPage:](#)
- (BOOL) - [gesturesDisabled](#)
- (void) - [setScrollEnabled:](#)
- (void) - [setMaximumZoomScale:](#)

Properties

- NSObject< [MFDocumentViewControllerDelegate](#) > * **documentDelegate**
- [MFDocumentManager](#) * **document**
- BOOL [directionalLockEnabled](#)
- BOOL [useTiledOverlayView](#)
- BOOL [showHorizontalScroller](#)
- BOOL [showShadow](#)
- CGFloat [padding](#)
- NSInteger [startingPage](#)

- BOOL [pageFlipOnEdgeTouchEnabled](#)
- CGFloat [defaultEdgeFlipWidth](#)
- BOOL [zoomInOnDoubleTapEnabled](#)
- BOOL **documentInteractionEnabled**
- BOOL [overlayEnabled](#)
- BOOL [legacyModeEnabled](#)
- float [defaultMaxZoomScale](#)

3.8.1 Member Function Documentation

3.8.1.1 - (void) addOverlayDataSource: dummy(id< **MFDocumentOverlayDataSource** >)
ods

Add and remove an Overlay Datasource for Drawables and Touchables.

3.8.1.2 - (void) addOverlayViewDataSource: dummy(id< **FPKOverlayViewDataSource** >)
ovds

Add and remove an Overlay View Datasource for overlay UIViews.

3.8.1.3 - (BOOL) automodeOnRotation

This method enable or disable the automatic mode switching upon rotation. If enabled, the page mode will be automatically changed to single page in portrait and side-by-side (double) on landscape. Setting the mode manually will disable the automode.

3.8.1.4 - (BOOL) autozoomOnPageChange

Returns whether the autozoom feature is enabled or not.

3.8.1.5 - (void) cleanUp

Call this method right after dismissing this [MFDocumentViewController](#) instance. It will release all the resources and stop the background threads. Once this method has been called, the [MFDocumentViewController](#) instance cannot be considered valid anymore and should be released.

3.8.1.6 - (CGPoint) convertPoint: dummy(CGPoint) *point* fromOverlayToPage:(NSUInteger) *page*

Convert a point from overlay space (the whole view that hold the both left and right page, and that you can zoom in and scroll over) to page space.

3.8.1.7 - (CGPoint) convertPoint: dummy(CGPoint) *point* fromViewToPage:(NSUInteger) *page*

Convert a point from MFDocumentViewController's view space to page space.

3.8.1.8 - (CGPoint) convertPoint: dummy(CGPoint) *point* toOverlayFromPage:(NSUInteger) *page*

Convert a point from page space to overlay space.

3.8.1.9 - (CGPoint) convertPoint: dummy(CGPoint) *point* toViewFromPage:(NSUInteger) *page*

Convert a point from page space to MFDocumentViewController's view space.

3.8.1.10 - (CGRect) convertRect: dummy(CGRect) *rect* fromOverlayToPage:(NSUInteger) *page*

Convert a rect from overlay space to page space.

3.8.1.11 - (CGRect) convertRect: dummy(CGRect) *rect* fromViewToPage:(NSUInteger) *page*

Convert a rect from MFDocumentViewController's view space to page space.

3.8.1.12 - (CGRect) convertRect: dummy(CGRect) *rect* toOverlayFromPage:(NSUInteger) *page*

Convert a rect from page to overlay space.

3.8.1.13 - (CGRect) convertRect: dummy(CGRect) *rect* toViewFromPage:(NSUInteger) *page*

Convert a rect from page space to MFDocumentViewController's view space.

3.8.1.14 - (MFDocumentDirection) direction

Return the current direction used by the document.

3.8.1.15 - (BOOL) gesturesDisabled

Override in your subclass to toggle gesture recognizer on overlay views on and off.

3.8.1.16 - (MFDocumentLead) lead

Returns the current lead used when presenting the document.

3.8.1.17 - (NSInteger) leftPage

This method will return the page number of the left page displayed. If the mode is single page, the left page number is the current page.

3.8.1.18 - (MFDocumentMode) mode

Returns the current mode used to display the document.

3.8.1.19 - (void) moveToNextPage

This method will begin an animated transition to the next page, if available.

3.8.1.20 - (void) moveToPreviousPage

This method will begin an animated transition to the previous page, if available.

3.8.1.21 - (NSInteger) page

Returns the current page of the document.

3.8.1.22 - (void) reloadOverlay

This method will provoke the redraw of the overlay. Overlay Datasources will be asked to provide drawables.

3.8.1.23 - (NSInteger) rightPage

This method will return the page number of the right page displayed. If the mode is single, right page number is invalid.

3.8.1.24 - (void) setAutoMode: dummy(MFDocumentAutoMode) *newAutoMode*

Set the mode to which the document will automatically switch to upon rotation. Pass MFDocumentAutoModeX values and not MFDocumentModeX values, since it is not guaranteed to be the same.

3.8.1.25 - (void) setAutomodeOnRotation: dummy(BOOL) *automode*

Returns whether automode is enabled or not.

3.8.1.26 - (void) setAutozoomOnPageChange: dummy(BOOL) *autozoom*

This method will turn on or off the autozoom feature. If on, the current zoom level will be kept between pages, otherwise will be rest to 100% on page change.

3.8.1.27 - (void) setDirection: dummy(MFDocumentDirection) *newDirection*

This method is used to set the page reading direction: left to right or right to left.

3.8.1.28 - (void) setEdgeFlipWidth: dummy(CGFloat) *edgeFlipWidth*

Set and get the percentage of the screen associated with the page flip on edge touch action. Default value is 0.1, this mean that the 10% of the width of the screen on either side will receive such events. Values are clipped between 0.0 and 0.5 to prevent overlap.

3.8.1.29 - (void) setLead: dummy(MFDocumentLead) *newLead*

This method set the lead used to show the pages in side-by-side (double) mode. With MFDocumentLeadLeft, the cover will appear on the left side in side-by-side mode, whereas with MFDocumentLeadRight will appear on the right side. Use this method to keep pairing between pages for books and magazines. Single page mode is not affected by this setting.

3.8.1.30 - (void) setMaximumZoomScale: dummy(NSNumber *) *scale*

Set the maximum zoom scale for the pdf page.

3.8.1.31 - (void) setMode: dummy(MFDocumentMode) *newMode*

Set how the pages are presented to the user. MFDocumentModeSingle present a single page to the user, centered on the screen. MFDocumentModeDouble present two pages side-by-side, as they would appear on a magazine or a books. This will allow to preserve content split between the pages, for example a large background image.

3.8.1.32 - (void) setPage: dummy(NSUInteger) *page*

This metod will set the current page of the document and jump to the specified page. Current page is used to determine bookmarks position. On side-by-side (double) mode, it is usually the left-most page of the two.

3.8.1.33 - (void) `setPage:` *dummy(NSUInteger) page withZoomOfLevel:(float) zoomLevel onRect:(CGRect) rect*

This method will set the current page of the document and jump to the specified page, while trying to zoom in on the specified rect. Pass 0.0 as zoomLevel to let the application try to calculate the appropriate zoom level to fit the rectangle on screen.

3.8.1.34 - (void) `setScrollEnabled:` *dummy(BOOL) lock*

Set the paged scroll enabled or not. Useful to lock the user in the current page during animations.

3.8.1.35 - (float) `zoomLevelForAnnotationRect:` *dummy(CGRect) rect ofPage:(NSUInteger) page*

This will return the appropriate zoom level to perfectly zoom onto an annotation. If return 0, there's no available page data to compute the zoom yet.

3.8.1.36 - (CGPoint) `zoomOffset`

Return the offset of the page scroll view.

3.8.1.37 - (float) `zoomScale`

Return the zoom scale of the page scroll view.

3.8.2 Property Documentation

3.8.2.1 - (CGFloat) `defaultEdgeFlipWidth` [read, write, assign]

Default value to which the current value will be reset to after each page change. Default is 0.1.

3.8.2.2 - (float) `defaultMaxZoomScale` [read, write, assign]

This is the default maximum magnification the pdf will zoom.

3.8.2.3 - (BOOL) `directionalLockEnabled` [read, write, assign]

This property enable or disable the directional lock in the inner (document) scroll view. Default is NO.

3.8.2.4 - (BOOL) legacyModeEnabled [read, write, assign]

Enabled or force the legacy mode, or let the app choose to enable it or not depending on the device. Default is disabled.

3.8.2.5 - (BOOL) overlayEnabled [read, write, assign]

Enable or disable the display of overlay item over the document. Default is disabled.

3.8.2.6 - (CGFloat) padding [read, write, assign]

Set the amount of minimum padding between the pages and the screen edge. Default is 5.0. Values are clipped between 0 and 100.

3.8.2.7 - (BOOL) pageFlipOnEdgeTouchEnabled [read, write, assign]

Enable the page flip when the user touch the edges of the screen.

3.8.2.8 - (BOOL) showHorizontalScroller [read, write, assign]

Use this property to hide or show the horizontal scroller under the pages.

3.8.2.9 - (BOOL) showShadow [read, write, assign]

Set this flag to NO if you don't want the dropdown shadow under the pages. Default is YES.

3.8.2.10 - (NSInteger) startingPage [read, write, assign]

Set the starting page of the document. It is valid only after initialization and before the view is displayed on the screen. Typically you want to set this just after the init of the viewController. Default is 1.

3.8.2.11 - (BOOL) useTiledOverlayView [read, write, assign]

This property will enable an CATiledLayer version of the overlay view. This means overlay drawables will be drawn sharp, no matter the zoom of the scroll view.

3.8.2.12 - (BOOL) zoomInOnDoubleTapEnabled [read, write, assign]

Enabled the zoom in when the user double tap on the screen.

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

- FastPdfKitLibrary/MFDocumentViewController.h

3.9 <MFDocumentViewControllerDelegate> Protocol Reference

Public Member Functions

- (void) - **documentViewController:didChangeDirectionTo:**
- (void) - [documentViewController:didGoToPage:](#)
- (void) - [documentViewController:didChangeLeadTo:](#)
- (void) - [documentViewController:didChangeModeTo:automatic:](#)
- (void) - [documentViewController:didChangeDirectionTo:](#)
- (void) - [documentViewController:didReceiveTapAtPoint:](#)
- (void) - [documentViewController:didReceiveURIRequest:](#)
- (void) - [documentViewController:didReceiveTapOnPage:atPoint:](#)
- (void) - [documentViewController:didEndZoomingAtScale:](#)
- (void) - [documentViewController:willFocusOnPage:](#)
- (void) - [documentViewController:didFocusOnPage:](#)
- (void) - [documentViewControllerDidUnfocus:](#)
- (void) - [documentViewController:didReceiveDoubleTapOnAnnotationRect:withUri:onPage:](#)
- (void) - [documentViewController:didReceiveTapOnAnnotationRect:withUri:onPage:](#)
- (BOOL) - [documentViewController:doesHaveToAutoplayVideo:](#)
- (BOOL) - [documentViewController:doesHaveToLoopVideo:](#)
- (BOOL) - [documentViewController:doesHaveToAutoplayAudio:](#)
- (void) - [documentViewController:willFollowLinkToPage:](#)
- (void) - [documentViewController:didReceiveRequestToGoToDestinationNamed:ofFile:](#)
- (void) - [documentViewController:didReceiveRequestToGoToPage:ofFile:](#)
- (Class< MFAudioPlayerViewProtocol >) - [classForAudioPlayerView](#)

3.9.1 Member Function Documentation

3.9.1.1 - (Class<MFAudioPlayerViewProtocol>) [classForAudioPlayerView](#)
[optional]

This method will be called to provide a class of the view to use as player audio control. You can use the default class provide in the sample or develop your own to suit the look and feel of you application better.

3.9.1.2 - (void) [documentViewController: dummy\(MFDocumentViewController *\) dvc](#)
[didChangeDirectionTo:\(MFDocumentDirection\) direction](#) [optional]

This method will notify a change in the direction used to present the document.

3.9.1.3 - (void) documentViewController: **dummy**(MFDocumentViewController *) *dvc* didChangeLeadTo:(MFDocumentLead) *lead* [optional]

This method will notify a change in the lead used to present the document.

3.9.1.4 - (void) documentViewController: **dummy**(MFDocumentViewController *) *dvc* didChangeModeTo:(MFDocumentMode) *mode* automatic:(BOOL) *automatically* [optional]

This method will notify a change in the mode of the document, either by explicitly setting it or automatic on rotation.

3.9.1.5 - (void) documentViewController: **dummy**(MFDocumentViewController *) *dvc* didEndZoomingAtScale:(float) *level* [optional]

This method will report the last zoom level achieved by the document detail view. You can use this callback to animate an icon that report the current zoom to the user.

3.9.1.6 - (void) documentViewController: **dummy**(MFDocumentViewController *) *dvc* didFocusOnPage:(NSInteger) *page* [optional]

This method will be called upon the showing up of the high definition version of the current page. Could be used to stop and Activity Indicator.

3.9.1.7 - (void) documentViewController: **dummy**(MFDocumentViewController *) *dvc* didGoToPage:(NSInteger) *page* [optional]

This method will be called to notify the transition to a new page. Use this to update page number related UI's elements or synchronize selected actions.

3.9.1.8 - (void) documentViewController: **dummy**(MFDocumentViewController *) *dvc* didReceiveDoubleTapOnAnnotationRect:(CGRect) *rect* withUri:(NSString *) *uri* onPage:(NSInteger) *page* [optional]

This method will be called when user double tap on an annotation.

3.9.1.9 - (void) documentViewController: **dummy**(MFDocumentViewController *) *dvc* didReceiveRequestToGoToDestinationNamed:(NSString *) *destinationName* ofFile:(NSString *) *fileName* [optional]

This method will be invoked when the user tap on an annotation with an associated Go-To Remote action. The user can then load the file passed as third argument and then get the page number with MFDocumentManager's -pageNumberForDestinationNamed: and present the right page for display.

3.9.1.10 - (void) documentViewController: dummy(MFDocumentViewController *) dvc
didReceiveRequestToGoToPage:(NSInteger) pageNumber ofFile:(NSString *) fileName
[optional]

This method will be invoked when the user tap on an annotation with an associated Go-To Remote action. The user can then load the file passed as last argument and then set the page to the page number passed as second parameter.

3.9.1.11 - (void) documentViewController: dummy(MFDocumentViewController *) dvc
didReceiveTapAtPoint:(CGPoint) point [optional]

This method will notify if the user has tapped the document view at a point different from a document element, like an annotation.

3.9.1.12 - (void) documentViewController: dummy(MFDocumentViewController *)
dvc didReceiveTapOnAnnotationRect:(CGRect) rect withUri:(NSString *) uri
onPage:(NSInteger) page [optional]

This method will be called when an user tap on an annotation.

3.9.1.13 - (void) documentViewController: dummy(MFDocumentViewController *) dvc
didReceiveTapOnPage:(NSInteger) page atPoint:(CGPoint) point [optional]

This method will notify if and where the user has tapped on a page bounds. Coordinates of the point are in document's user space.

3.9.1.14 - (void) documentViewController: dummy(MFDocumentViewController *) dvc
didReceiveURLRequest:(NSString *) uri [optional]

This method will notify if the user has tapped on a annotation with a remote uri action. This is usually invoked when an external link is activated and an internet browser should be open to show the link's content.

3.9.1.15 - (BOOL) documentViewController: dummy(MFDocumentViewController *) dvc
doesHaveToAutoplayAudio:(NSString *) audioUri [optional]

Implement this method to return whether the audio clip should play automatically once loaded.

3.9.1.16 - (BOOL) documentViewController: dummy(MFDocumentViewController *) dvc
doesHaveToAutoplayVideo:(NSString *) videoUri [optional]

This method will be called to ask the delegate if the video player needs to start automatically once visible.

3.9.1.17 - (BOOL) documentViewController: dummy(MFDocumentViewController *) *dvc*
doesHaveToLoopVideo:(NSString *) *videoUri* [optional]

Self explanatory. This method will be called to ask the delegate if the video player needs to loop the video.

3.9.1.18 - (void) documentViewController: dummy(MFDocumentViewController *) *dvc*
willFocusOnPage:(NSInteger) *page* [optional]

This method will be called right before displaying a high definition version of the current page. Could be used to start an Activity Indicator.

3.9.1.19 - (void) documentViewController: dummy(MFDocumentViewController *) *dvc*
willFollowLinkToPage:(NSInteger) *page* [optional]

This method will be invoked before automatically moving to a page due to the user tapping on an embedded internal link inside the document.

3.9.1.20 - (void) documentViewControllerDidUnfocus:
dummy(MFDocumentViewController *) *dvc*
[optional]

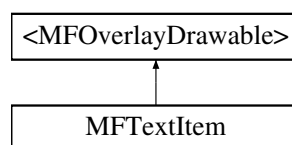
This method will be called when the high definition version of the page is removed from the view.

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

- FastPdfKitLibrary/MFDocumentViewControllerDelegate.h

3.10 <MFOverlayDrawable> Protocol Reference

Inheritance diagram for <MFOverlayDrawable>:



Public Member Functions

- (void) - [drawInContext:](#)

3.10.1 Member Function Documentation

3.10.1.1 - (void) drawInContext: dummy(CGContextRef) *context*

Implement this method to perform drawing in an overlay over the document view. The context coordinate system is aligned to the user space of the document displayed.

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

- FastPdfKitLibrary/MFOverlayDrawable.h

3.11 <MFOverlayTouchable> Protocol Reference

Public Member Functions

- (BOOL) - [containsPoint:](#)

3.11.1 Member Function Documentation

3.11.1.1 - (BOOL) containsPoint: dummy(CGPoint) *point*

Implement this method to perform a hit test. The CGPoint coordinates are defined in document user space.

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

- FastPdfKitLibrary/MFOverlayTouchable.h

3.12 MFPDFOutlineEntry Class Reference

Properties

- NSInteger [indentation](#)
- NSUInteger [pageNumber](#)
- NSArray * [bookmarks](#)
- NSString * [title](#)

3.12.1 Property Documentation

3.12.1.1 - (NSArray *) [bookmarks](#) [[read](#), [write](#), [retain](#)]

Child entries.

3.12.1.2 - (NSInteger) **indentation** [read, write, assign]

Indentation level of the outline entry. It is also the node level inside the outline tree.

3.12.1.3 - (NSUInteger) **pageNumber** [read, write, assign]

Page number of the entry.

3.12.1.4 - (NSString *) **title** [read, write, copy]

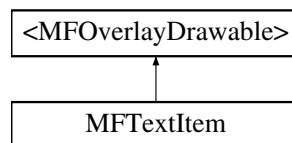
Title for the outline entry.

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

- FastPdfKitLibrary/MFPDFOutlineEntry.h

3.13 MFTextItem Class Reference

Inheritance diagram for MFTextItem:



Public Member Functions

- (id) - [initWithText:andHighlightPath:](#)
- (id) - [initWithText:highlightPath:andPage:](#)

Static Public Member Functions

- (UIColor *) + [highlightRedColor](#)
- (UIColor *) + [highlightYellowColor](#)
- (UIColor *) + [highlightBlueColor](#)

Properties

- NSRange **searchTermRange**
- NSString * [text](#)
- CGPathRef [highlightPath](#)
- NSUInteger [page](#)
- UIColor * [highlightColor](#)

3.13.1 Member Function Documentation

3.13.1.1 + (UIColor *) highlightRedColor

A few usefult colors for the highlight. You are NOT responsible for releasing the object.

3.13.1.2 - (id) initWithText: dummy(NSString *) *someText* andHighlightPath:(CGPathRef) *aPath*

Default initializer. Init the Text Item with some text and a path for the hilight that will be rendered in page space.

3.13.1.3 - (id) initWithText: dummy(NSString *) *someText* highlightPath:(CGPathRef) *aPath* andPage:(NSUInteger) *aPage*

Default initializer, plus the page number.

3.13.2 Property Documentation

3.13.2.1 - (UIColor *) highlightColor [read, write, retain]

Highlight color for the search result. Default is (1.0, 0.0, 0.0, 0.25)

3.13.2.2 - (CGPathRef) highlightPath [read, assign]

The path for the hilight. It is defined in page space.

3.13.2.3 - (NSUInteger) page [read, assign]

The page of which this text item represent the position of a word.

3.13.2.4 - (NSString *) text [read, assign]

Some text to be displayed along with the item.

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

- FastPdfKitLibrary/MFTextItem.h