Foxit PDF SDK for Mac Objective-C 7.6 Upgrade Warnings

This document contains a list of items that developers looking to upgrade to Foxit PDF SDK for Mac Objective-C 7.6 from previous version should pay attention to. Changes to code may be required in order for your projects to compile using the new version.

Upgrading to version 7.6 from version 7.5

There are two minor upgrade warnings in this release when moving from version 7.5 to version 7.6:

- In **FSActionCallback** protocol, add a new callback interface as below:

  ```
  -(NSString*) browseFile: (BOOL) is_open_dialog
                   file_format: (NSString*) file_format
                   file_filter: (NSString*) file_filter;
  ```

- Remove the value (**FSLTVVerifierVerifyModeETSI**) of the enumeration **FSLTVVerifierVerifyMode**.

Upgrading to version 7.5 from version 7.4

There are two minor upgrade warnings in this release when moving from version 7.4 to version 7.5. In **FSHeaderFooter** class:

- The parameters of constructor function have been changed:

  SDK 7.4:

initWithFont:	(FSFont*)	font
text_size:	(float)	text_size
text_color:	(unsigned int)	text_color
page_range:	(FSPageNumberRange*)	page_range
page_margin:	(FSRectF*)	page_margin
has_text_shrinked:	(BOOL)	has_text_shrinked
has_fixedsize_for_print:	(BOOL)	has_fixedsize_for_print
start_page_number:	(int)	start_page_number
content:	(FSHeaderFooterContent*)	content

  SDK 7.5:

initWithFont:	(FSFont*)	font
text_size:	(float)	text_size
text_color:	(unsigned int)	text_color
page_range:	(FSPageNumberRange*)	page_range
page_margin:	(FSRectF*)	page_margin
has_text_shrinked:	(BOOL)	has_text_shrinked
has_fixedsize_for_print:	(BOOL)	has_fixedsize_for_print
start_page_number:	(int)	start_page_number
content:	(FSHeaderFooterContent*)	content
is_to_embed_font:	**(BOOL)**	**is_to_embed_font**
is_underline:	**(BOOL)**	**is_underline**

- The parameters of **set** function have been changed:

SDK 7.4:

(void) **set**:	(FSFont*)	font
text_size:	(float)	text_size
text_color:	(unsigned int)	text_color
page_range:	(FSPageNumberRange*)	page_range
page_margin:	(FSRectF*)	page_margin
has_text_shrinked:	(BOOL)	has_text_shrinked
has_fixedsize_for_print:	(BOOL)	has_fixedsize_for_print
start_page_number:	(int)	start_page_number
content:	(FSHeaderFooterContent*)	content

SDK 7.5:

(void) **set**:	(FSFont*)	font
text_size:	(float)	text_size
text_color:	(unsigned int)	text_color
page_range:	(FSPageNumberRange*)	page_range
page_margin:	(FSRectF*)	page_margin
has_text_shrinked:	(BOOL)	has_text_shrinked
has_fixedsize_for_print:	(BOOL)	has_fixedsize_for_print
start_page_number:	(int)	start_page_number
content:	(FSHeaderFooterContent*)	content
is_to_embed_font:	**(BOOL)**	**is_to_embed_font**
is_underline:	**(BOOL)**	**is_underline**

Upgrading to version 7.4 from version 7.3

If you are upgrading from version 7.3 to version 7.4, please take note of the changes that occurred between version 7.3 and version 7.4.

- The value (**FSMonoImageSettingsImageCompressjpeg2**) of the enumeration class **FSMonoImageSettingsMonoImageCompressMode** has been renamed to **FSMonoImageSettingsImageCompressjbig2**.

- In **FSMarkup** class:

  The functions below have been removed from version 7.4:

  -(int) getStateAnnotCount: (FSMarkupStateModel) model
  -(FSNote*) getStateAnnot: (FSMarkupStateModel) model index: (int) index

  And then add a new function as below:

  -(FSNoteArray*) getStateAnnots: (FSMarkupStateModel) model

- In **FSActionCallback** protocol, add three callback functions as below:

  -(FSPDFDoc*) getCurrentDoc
  -(FSPDFDoc*) createBlankDoc
  -(BOOL) openDoc: (NSString*) file_path password: (NSString*) password

- Some functions and attributes have been changed in version 7.4. The following table lists the APIs mapping between version 7.3 and 7.4.

Class	SDK 7.3	SDK 7.4
FSMarkup	-(FSNote*) addStateAnnot: (FSMarkupStateModel) model state: (FSMarkupState) state	-(FSNote*) addStateAnnot: **(NSString *) title model**: (FSMarkupStateModel) model state: (FSMarkupState) state;
FSPDFDoc	-(**SWIGTYPE_HeaderFooter***) getEditableHeaderFooter	-(**FSHeaderFooter***) getEditableHeaderFooter
	-(void) addHeaderFooter: (**SWIGTYPE_p_HeaderFooter***) headerfooter;	-(void) addHeaderFooter: (**FSHeaderFooter***) headerfooter;
	-(void) updateHeaderFooter: (**SWIGTYPE_p_HeaderFooter***) headerfooter	-(void) updateHeaderFooter: (**FSHeaderFooter***) headerfooter
FSTextSearch	-(id) initWithDocument: (FSPDFDoc*) document cancel: (id<FSSearchCancelCallback>) cancel	-(id) initWithDocument: (FSPDFDoc*) document cancel: (id<FSSearchCancelCallback>) cancel **flags: (int) flags**
FSFreeText	FSMatrix2D* textMatrix	deprecated

Upgrading to version 7.3 from version 7.2

If you are upgrading from version 7.2 to version 7.3, please take note of the changes that occurred between version 7.2 and version 7.3.

For the version 7.3 release of Foxit PDF SDK for Java, there are some minor changes as below:

- Change the enumeration **FSImageObjectColorSpace** to **FSColorSpaceType**.

- Change the enumeration **FSFieldFlagChoiseMultiSelect** to **FSFieldFlagChoiceMultiSelect**.

- Add a new callback function (**- (BOOL) isCertTrustedRoot: (NSData *) cert**) in the FSTrustedCertStoreCallback class.

Upgrading to version 7.2 from version 7.1

There is only one minor upgrade warning in this release when moving from version 7.1 to version 7.2. In this release we worked hard to ensure that no modifications to existing code bases would be required when upgrading.

The parameter type of the function **FSImageSettings::setQuality** has been changed as below:

SDK 7.1:

- (void) setQuality: (**int**) quality

SDK 7.2:

- (void) setQuality: (**FSImageSettingsImageCompressQuality**) quality

Upgrading to version 7.1 from version 7.0

If you are upgrading from version 7.0 to version 7.1, please take note of the changes that occurred between version 7.0 and version 7.1.

- From 7.1 version, the whole **FSConnectedPDF** class has been removed.
- Some APIs have been changed in version 7.1. Note that the APIs related to ConnectedPDF in the PDFDoc class have also been removed. The following table lists the APIs mapping between version 7.0 and 7.1.

Class	SDK 7.0	SDK 7.1
FSFont	- (**FSFontCharset**) **getCharset**:(FSPDFDoc*) document	- (**FSFontCIDCharset**) **getCIDCharset**:(FSPDFDoc*) document
FSLine	- (void) setMeasureUnit: (**int**) measure_type unit:(NSString *) unit	- (void) setMeasureUnit: (**FSMarkupMeasureType**) measure_type unit:(NSString *) unit
	- (NSString *) getMeasureUnit:(**int**) measure_type	- (NSString *) getMeasureUnit:(**FSMarkupMeasureType**) measure_type
	- (void) setMeasureConversionFactor:(**int**) measure_type factor:(float) factor	- (void) setMeasureConversionFactor:(**FSMarkupMeasureType**) measure_type factor:(float) factor
	- (float) getMeasureConversionFactor:(**int**) measure_type	- (float) getMeasureConversionFactor:(**FSMarkupMeasureType**) measure_type
FSPDFDoc	- (BOOL) isCPDF	Removed
	- (BOOL) isCDRM	Removed
	- (NSString *) getDocURI	Removed
	- (NSString *) getEndpoint	Removed

Upgrading to version 7.0 from version 6.4

There are three minor upgrade warnings in this release when moving from version 6.4 to version 7.0:

- The value of enumeration **FSSignatureStateUnknown** has been changed from 0 to 0x80000000.

- The return type of **FSPDFObject::getString** has been changed from **NSString** to **NSData**.

- The functions **FSSignature::startVerify** and **FSSignatureCallback::verifySigState** are only used to verify the integrity of a signature instead of the validity of a signature, so that the return value of **verifySigState** in the default signature callback has been changed from "VALID/INVALID" to "NOCHANGE/CHANGE".

Upgrading to version 6.4 from version 6.3

There are two minor upgrade warnings in this release when moving from version 6.3 to version 6.4:

- The function **FSRenderer::setTransformAnnotIcon** has been deprecated.

- The parameter "**is_transform_icon**" of the function **FSAnnot::getDeviceRect** has been deprecated.

Upgrading to version 6.3 from version 6.2.1

There is only one minor upgrade warning in this release when moving from version 6.2.1 to version 6.3. In this release we worked hard to ensure that no modifications to existing code bases would be required when upgrading.

The property name of **FSField.defualtValue** has been changed to **FSField.defaultValue**.

Upgrading to version 6.2.1 from version 6.2

There is only one upgrade warning in this release when moving from version 6.2 to version 6.2.1. In this release we worked hard to ensure that no modifications to existing code bases would be required when upgrading.

Add a callback interface **WidgetEvent** in **FSDocProviderCallback** protocol to execute xfa widget event when you create or destroy xfa widget.