

Foxit PDF SDK for Java 8.0 Upgrade Warnings

This document contains a list of items that developers looking to upgrade to Foxit PDF SDK for Java 8.0 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 8.0 from version 7.6

There are two minor upgrade warnings in this release when moving from version 7.6 to version 8.0:

- In **com.foxit.sdk.addon.conversion.HTML2PDFSettingData** class, the constructor function of **HTML2PDFSettingData** has added a new parameter as below:

SDK 7.6:

HTML2PDFSettingData (float page_width, float page_height, boolean is_to_page_scale, RectF page_margin, boolean is_convert_link, int rotate_degrees, boolean is_generate_tag, int page_mode)

SDK 8.0:

HTML2PDFSettingData (float page_width, float page_height, boolean is_to_page_scale, RectF page_margin, boolean is_convert_link, int rotate_degrees, boolean is_generate_tag, int page_mode, **boolean to_generate_bookmarks**)

- In **com.foxit.sdk.pdf.PDFPage** class, the function **AddSignature** has added a new parameter as below:

SDK 7.6:

Signature addSignature (RectF rect, String field_name, int signature_type)

SDK 8.0:

Signature addSignature (RectF rect, String field_name, int signature_type, **boolean to_check_permission**)

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 **com.foxit.sdk.ActionCallback** class, add a new callback interface as below:

```
public String browseFile(boolean is_open_dialog, String file_format, String file_filter)
```

- In **com.foxit.sdk.pdf.LTVVerifier** class, remove the constant value (**e_VerifyModeETSI**).

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 **foxit.pdf.HeaderFooter** class:

- The parameters of constructor function of **HeaderFooter** have been changed:

SDK 7.4:

```
HeaderFooter(Font font, float text_size, long text_color, PageNumberRange  
page_range, RectF page_margin, boolean has_text_shrunked, boolean  
has_fixedsize_for_print, int start_page_number, HeaderFooterContent content)
```

SDK 7.5:

```
HeaderFooter(Font font, float text_size, long text_color, PageNumberRange  
page_range, RectF page_margin, boolean has_text_shrunked, boolean  
has_fixedsize_for_print, int start_page_number, HeaderFooterContent content,  
boolean is_to_embed_font, boolean is_underline)
```

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

SDK 7.4:

```
void set(Font font, float text_size, long text_color, PageNumberRange page_range,  
RectF page_margin, boolean has_text_shrunked, boolean has_fixedsize_for_print, int  
start_page_number, HeaderFooterContent content)
```

SDK 7.5:

```
void set(Font font, float text_size, long text_color, PageNumberRange page_range,  
RectF page_margin, boolean has_text_shrunked, boolean has_fixedsize_for_print, int  
start_page_number, HeaderFooterContent content, boolean is_to_embed_font,  
boolean 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.

- In com.foxit.sdk.addon.optimization.**MonolImageSettings** class, the attribute below has been changed:

SDK 7.3: public final static int **e_ImageCompressjpeg2** = 10004;

SDK 7.4: public final static int **e_ImageCompressjbig2** = 10004;

- In com.foxit.sdk.pdf.annots.**Markup** class:

The functions below have been removed from version 7.4:

```
public int getStateAnnotCount(int model) throws com.foxit.sdk.PDFException
public Note getStateAnnot(int model, int index) throws com.foxit.sdk.PDFException
```

And then add a new function as below:

```
public NoteArray getStateAnnots(int model) throws com.foxit.sdk.PDFException
```

- In com.foxit.sdk.**ActionCallback** class, add three callback functions as below:

```
public PDFDoc getCurrentDoc()
public PDFDoc createBlankDoc()
public boolean openDoc(String file_path, String password)
```

- Some APIs 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
com.foxit.sdk.addon.conversion. Word2PDFSettingData (only for Windows platform)	public Word2PDFSettingData(boolean include_doc_props, boolean convert_to_pdfa , int optimize_option, int content_option, int bookmark_option)	public Word2PDFSettingData(boolean include_doc_props, int optimize_option, int content_option, int bookmark_option, boolean convert_to_pdfa)
	public void set(boolean include_doc_props, boolean convert_to_pdfa , int optimize_option, int content_option, int bookmark_option)	public void set(boolean include_doc_props, int optimize_option, int content_option, int bookmark_option, boolean convert_to_pdfa)
com.foxit.sdk.addon.conversion. Excel2PDFSettingData (only for Windows platform)	public Excel2PDFSettingData(boolean include_doc_props, boolean convert_to_pdfa , int quality, boolean ignore_print_area, int scale_type)	public Excel2PDFSettingData(boolean include_doc_props, int quality, boolean ignore_print_area, int scale_type, boolean convert_to_pdfa)
	public void set(boolean include_doc_props, boolean convert_to_pdfa , int quality,	public void set(boolean include_doc_props, int quality, boolean ignore_print_area, int

Class	SDK 7.3	SDK 7.4
	boolean ignore_print_area, int scale_type)	scale_type, boolean convert_to_pdfa)
com.foxit.sdk.pdf.annotations. Markup	public Note addStateAnnot(int model, int state) throws com.foxit.sdk.PDFException	public Note addStateAnnot(String title , int model, int state) throws com.foxit.sdk.PDFException
com.foxit.sdk.pdf. TextSearch	public TextSearch(PDFDoc document, SearchCancelCallback cancel) throws com.foxit.sdk.PDFException	public TextSearch(PDFDoc document, SearchCancelCallback cancel, int flags) throws com.foxit.sdk.PDFException
com.foxit.sdk.pdf.annotations. FreeText	void setTextMatrix(Matrix2D text_matrix)	deprecated
	Matrix2D getTextMatrix()	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:

- Move the following definitions from "com.foxit.sdk.pdf.graphics.ImageObject" to "com.foxit.sdk.common.Constants".

```

static final int e_ColorSpaceCalGray = 4
static final int e_ColorSpaceCalRGB = 5
static final int e_ColorSpaceDeviceCMYK = 3
static final int e_ColorSpaceDeviceGray = 1
static final int e_ColorSpaceDeviceN = 9
static final int e_ColorSpaceDeviceRGB = 2
static final int e_ColorSpaceICCBasedDeviceCMYK = 14
static final int e_ColorSpaceICCBasedDeviceGray = 12
static final int e_ColorSpaceICCBasedDeviceRGB = 13
static final int e_ColorSpaceInvalid = 0
static final int e_ColorSpaceLab = 6
static final int e_ColorSpacePattern = 11
static final int e_ColorSpaceSeparation = 8

```

- Change com.foxit.sdk.pdf.interform.Field.**e_FlagChoiseMultiSelect** to com.foxit.sdk.pdf.interform.Field.**e_FlagChoiceMultiSelect**.

- Add a new callback function (**boolean isCertTrustedRoot (byte[] cert)**) in the TrustedCertStoreCallback class.

Upgrading to version 7.2 from version 7.1

There are no upgrade warnings 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.

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 **com.foxit.sdk.addon.ConnectedPDF** 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.

SDK 7.0	SDK 7.1
int com.foxit.sdk.common.Font. getCharset (PDFDoc document)	int com.foxit.sdk.common.Font. getCIDCharset (PDFDoc document)
boolean com.foxit.sdk.pdf.PDFDoc. isCPDF ()	Removed
boolean com.foxit.sdk.pdf.PDFDoc. isCDRM ()	Removed
String com.foxit.sdk.pdf.PDFDoc. getDocURI ()	Removed
String com.foxit.sdk.pdf.PDFDoc. getEndpoint ()	Removed

Upgrading to version 7.0 from version 6.4

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

- The value of **com.foxit.sdk.pdf.Signature.e_StateUnknown** has been changed from 0 to 0x80000000.
- The functions **com.foxit.sdk.pdf.Signature.startVerify** and **com.foxit.sdk.pdf.SignatureCallback.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 **com.foxit.sdk.common.Renderer.setTransformAnnotIcon** has been deprecated.
- The parameter "**is_transform_icon**" of the function **com.foxit.sdk.pdf.annots.Annot.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 function name of **com.foxit.sdk.pdf.interform.Field.setDefaultValue** has been changed to **com.foxit.sdk.pdf.interform.Field.SetDefaultValue**.

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 **com.foxit.sdk.addon.xfa.DocProviderCallback** class to execute xfa widget event when you create or destroy xfa widget.

Upgrading to version 6.2 from version 6.1.1

There is only one upgrade warning in this release when moving from version 6.1.1 to version 6.2. In this release we worked hard to ensure that no modifications to existing code bases would be required when upgrading.

The return type of **com.foxit.sdk.addon.xfa.XFADoc.exportData** has been changed from **void** to **boolean**.

Upgrading to version 6.1.1 from version 6.1

If you are upgrading from version 6.1 to version 6.1.1, please take note of the changes that occurred between version 6.1 and version 6.1.1.

For the version 6.1.1 release of Foxit PDF SDK for Java, there are two minor changes:

- Add a new class "com.foxit.sdk.common.fxcr.StreamCallback", and change the parameter in the com.foxit.sdk.common.Image.**saveAs** function from "public boolean com.foxit.sdk.common.Image.saveAs(**WriteCallback** file, String file_extension)" to "public boolean com.foxit.sdk.common.Image.saveAs(**StreamCallback** file, String file_extension)".
- Move the following definitions from "com.foxit.sdk.pdf.WatermarkSettings" to "com.foxit.sdk.common.Constants".
static final int e_PosTopLeft = 0
static final int e_PosTopCenter = 1
static final int e_PosTopRight = 2
static final int e_PosCenterLeft = 3
static final int e_PosCenter = 4
static final int e_PosCenterRight = 5
static final int e_PosBottomLeft = 6
static final int e_PosBottomCenter = 7
static final int e_PosBottomRight = 8

If you use any of these functions in your code then you may need to update your code to reflect the change when moving to version 6.1.1.

Upgrading to version 6.1 from version 6.0

There are no upgrade warnings when moving from version 6.0 to version 6.1. In this release we worked hard to ensure that no modifications to existing code bases would be required when upgrading.