

Foxit PDF SDK for .NET 7.5 Upgrade Warnings

This document contains a list of items that developers looking to upgrade to Foxit PDF SDK for .NET 7.5 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 7.5 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, int text_color, PageNumberRange  
page_range, RectF page_margin, bool has_text_shrunked,  
bool has_fixedsize_for_print, int start_page_number, HeaderFooterContent content)
```

SDK 7.5:

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

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

SDK 7.4:

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

SDK 7.5:

```
void Set(Font font, float text_size, int text_color, PageNumberRange page_range,  
RectF page_margin, bool has_text_shrunked, bool has_fixedsize_for_print, int  
start_page_number, HeaderFooterContent content, bool is_to_embed_font, 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 (**e_ImageCompressjpeg2**) of the enumeration class `foxit.addon.optimization.MonolImageSettings.MonolImageCompressMode` has been renamed to **e_ImageCompressjbig2**.
- In `foxit.pdf.annots.Markup` class:

The functions below have been removed from version 7.4:

```
public int GetStateAnnotCount(Markup.StateModel model)
public Note GetStateAnnot(Markup.StateModel model, int index)
```

And then add a new function as below:

```
public NoteArray GetStateAnnots(Markup.StateModel model)
```

- In `foxit.pdf.actions.ActionCallback` class, add three callback functions as below:

```
public virtual PDFDoc GetCurrentDoc()
public virtual PDFDoc CreateBlankDoc()
public virtual bool 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
foxit.addon.conversion. Word2PDFSettingData	public Word2PDFSettingData(bool include_doc_props, bool convert_to_pdfa , Word2PDFSettingData.ConvertOptimizeOption optimize_option, Word2PDFSettingData.ConvertContentOption content_option, Word2PDFSettingData.ConvertBookmarkOption bookmark_option)	public Word2PDFSettingData(bool include_doc_props, Word2PDFSettingData.ConvertOptimizeOption optimize_option, Word2PDFSettingData.ConvertContentOption content_option, Word2PDFSettingData.ConvertBookmarkOption bookmark_option, bool convert_to_pdfa)
	public void Set(bool include_doc_props, bool convert_to_pdfa , Word2PDFSettingData.ConvertOptimizeOption optimize_option, Word2PDFSettingData.ConvertContentOption content_option, Word2PDFSettingData.ConvertBookmarkOption bookmark_option)	public void Set(bool include_doc_props, Word2PDFSettingData.ConvertOptimizeOption optimize_option, Word2PDFSettingData.ConvertContentOption content_option, Word2PDFSettingData.ConvertBookmarkOption bookmark_option, bool convert_to_pdfa)
foxit.addon.conversion. Excel2PDFSettingData	public Excel2PDFSettingData(bool include_doc_props, bool convert_to_pdfa , Excel2PDFSettingData.ConvertQuality quality, bool ignore_print_area,	public Excel2PDFSettingData(bool include_doc_props, Excel2PDFSettingData.ConvertQuality quality, bool ignore_print_area, Excel2PDFSettingData.ScaleType scale_type, bool convert_to_pdfa)

Class	SDK 7.3	SDK 7.4
	Excel2PDFSettingData.ScaleType scale_type)	
	public void Set(bool include_doc_props, bool convert_to_pdfa , Excel2PDFSettingData.ConvertQuali ty quality, bool ignore_print_area, Excel2PDFSettingData.ScaleType scale_type)	public void Set(bool include_doc_props, Excel2PDFSettingData.ConvertQuali ty quality, bool ignore_print_area, Excel2PDFSettingData.ScaleType scale_type, bool convert_to_pdfa)
foxit.pdf.annots. Markup	public Note AddStateAnnot(Markup.StateModel model, Markup.State state)	public Note AddStateAnnot(string title , Markup.StateModel model, Markup.State state)
foxit.pdf. TextSearch	public TextSearch(foxit.pdf.PDFDoc document, SearchCancelCallback cancel)	public TextSearch(foxit.pdf.PDFDoc document, SearchCancelCallback cancel, int flags)
foxit.common. Font	public string GetFamilyName()	public byte[] GetFamilyName()
	public string GetBaseFontName(PDFDoc document)	public byte[] GetBaseFontName(PDFDoc document)
foxit.pdf.annots. FreeText	void SetTextMatrix(Matrix2D text_matrix)	deprecated
	Matrix2D GetTextMatrix()	deprecated

Upgrading to version 7.3 from version 7.2

There are some minor upgrade warnings in this release when moving from version 7.2 to version 7.3:

- The enumeration **foxit.pdf.graphics.ImageObject.ColorSpace** has been changed to **foxit.common.ColorSpaceType**.
- The enumeration **foxit.pdf.interform.Field.Flags.e_FlagChoiseMultiSelect** has been changed to **foxit.pdf.interform.Field.Flags.e_FlagChoiceMultiSelect**.
- The **TrustedCertStoreCallback** class adds a new callback function (**virtual bool IsCertTrustedRoot (byte[] cert)**).

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 **foxit.addon.optimization.ImageSettings.SetQuality** has been changed as below:

SDK 7.1:

void foxit.addon.optimization.ImageSettings.SetQuality (**int** quality)

SDK 7.2:

void foxit.addon.optimization.ImageSettings.SetQuality
(**ImageSettings.ImageCompressQuality** 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 **foxit.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
Charset foxit.common.Font. GetCharset (PDFDoc document)	CIDCharset foxit.common.Font. GetCIDCharset (PDFDoc document)
void foxit.pdf.annots.Line.SetMeasureUnit(int measure_type, string unit)	void foxit.pdf.annots.Line.SetMeasureUnit(MeasureType measure_type, string unit)
string foxit.pdf.annots.Line.GetMeasureUnit(int measure_type)	string foxit.pdf.annots.Line.GetMeasureUnit(MeasureType measure_type)
void foxit.pdf.annots.Line.SetMeasureConversionFactor(int measure_type, float factor)	void foxit.pdf.annots.Line.SetMeasureConversionFactor(MeasureType measure_type, float factor)
float foxit.pdf.annots.Line.GetMeasureConversionFactor(int measure_type)	float foxit.pdf.annots.Line.GetMeasureConversionFactor(MeasureType measure_type)
bool foxit.pdf.PDFDoc.IsCPDF()	Removed
bool foxit.pdf.PDFDoc.IsCDRM()	Removed
string foxit.pdf.PDFDoc.GetDocURI()	Removed
string foxit.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 enumeration **foxit.pdf.Signature.States.e_StateUnknown** has been changed from 0 to 0x80000000.

- The functions **foxit.pdf.Signature.StartVerify** and **foxit.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 **foxit.common.Renderer.SetTransformAnnotIcon** has been deprecated.
- The parameter "**is_transform_icon**" of the function **foxit.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 **foxit.pdf.interform.Field.SetDefaultValue** has been changed to **foxit.pdf.interform.Field.SetDefaultVaue**.

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 **foxit.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 **foxit.addon.xfa.XFADoc.ExportData** has been changed from **void** to **bool**.

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 .NET, there are a few minor changes:

- Add a new class "foxit.common.fxcr.StreamCallback", and change the parameter in the foxit.common.Image.**SaveAs** function from
"public bool foxit.common.Image.SaveAs(**WriteCallback** file, string file_extension)"
to
"public bool foxit.common.Image.SaveAs(**StreamCallback** file, string file_extension)".
- Change the enum definitions of watermark position from
"**foxit.pdf.WatermarkSettings.Position**" to "**foxit.common.Position**".
- The return type for some API functions were changed:
string foxit.pdf.objects.PDFObject.GetString -->
byte[] foxit.pdf.objects.PDFObject.GetString

string foxit.pdf.SignatureCallback.GetDigest -->
byte[] foxit.pdf.SignatureCallback.GetDigest

string foxit.pdf.SignatureCallback.Sign -->
byte[] foxit.pdf.SignatureCallback.Sign

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

If you are upgrading from version 6.0 to version 6.1, please take note of the changes that occurred between version 6.0 and version 6.1.

For the version 6.1 release of Foxit PDF SDK for .NET, some namespaces were changed. The following table lists the namespaces mapping between versions 6.0 and 6.1.

SDK 6.0	SDK 6.1
foxit.pdf.filespec.	foxit.pdf
foxit.pdf.watermark	foxit.pdf
foxit.pdf.signature	foxit.pdf
foxit.pdf.security	foxit.pdf
foxit.pdf.psi	foxit.pdf
foxit.pdf.layer	foxit.pdf

