

## Foxit PDF SDK for .NET 7.1 Upgrade Warnings

This document contains a list of items that developers looking to upgrade to Foxit PDF SDK for .NET 7.1 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 7.1 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.

There are some changes to the APIs in version 7.1. The following table lists the APIs mapping between version 7.0 and 7.1.

SDK 7.0	SDK 7.1
<b>Charset</b> foxit.common.Font. <b>GetCharset</b> (PDFDoc document)	<b>CIDCharset</b> foxit.common.Font. <b>GetCIDCharset</b> (PDFDoc document)
void foxit.pdf.anns.Line.SetMeasureUnit(int measure_type, string unit)	void foxit.pdf.anns.Line.SetMeasureUnit(MeasureType measure_type, string unit)
string foxit.pdf.anns.Line.GetMeasureUnit(int measure_type)	string foxit.pdf.anns.Line.GetMeasureUnit(MeasureType measure_type)
void foxit.pdf.anns.Line.SetMeasureConversionFactor(int measure_type, float factor)	void foxit.pdf.anns.Line.SetMeasureConversionFactor(MeasureType measure_type, float factor)
float foxit.pdf.anns.Line.GetMeasureConversionFactor(int measure_type)	float foxit.pdf.anns.Line.GetMeasureConversionFactor(MeasureType measure_type)

### 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