Foxit PDF SDK for .NET Core 7.3 Upgrade Warnings

This document contains a list of items that developers looking to upgrade to Foxit PDF SDK for .NET Core 7.3 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 7.3 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

If you are upgrading from version 7.1 to version 7.2, please take note of the changes that occurred between version 7.1 and version 7.2.

The parameter type "**int**" of the function **foxit.addon.optimization.ImageSettings.SetQuality** has been changed to "**ImageSettings.ImageCompressQuality**" as shown in the below table:

Class	SDK 7.0	SDK 7.1
ImageSettings	Public void SetQuality(**int** quality)	Public void SetQuality (**ImageSettings.ImageCompressQuality** quality)

The parameter type "**string**" of some APIs have been changed to "**byte[]**", which are listed in the following table.

Class	SDK 7.0	SDK 7.1
CertIssuerPair	public CertIssuerPair(**string** cert, **string** issuer)	public CertIssuerPair(**byte[]** cert, **byte[]** issuer)
	public void Set(**string** cert, **string** issuer)	public void Set(**byte[]** cert, **byte[]** issuer)
CertVerifyResult	public CertVerifyResult(**string** cert, bool is_ca, bool is_trusted,...)	public CertVerifyResult(**byte[]** cert, bool is_ca, bool is_trusted,...)

Class	SDK 7.0	SDK 7.1
	public void Set(**string** cert, bool is_ca, bool is_trusted,...)	public void Set(**byte[]** cert, bool is_ca, bool is_trusted,...)
Response	public Response(Response.ResponseType type, **string** response_data)	public Response(Response.ResponseType type, **byte[]** response_data)
	public void Set(Response.ResponseType type, **string** response_data)	public void Set(Response.ResponseType type, **byte[]** response_data)
TrustedCertStoreCallback	public virtual bool IsCertTrusted(**string** cert)	public virtual bool IsCertTrusted(**byte[]** cert)
RevocationCallback	public virtual StringArray GetCertChainFromSignature(**string** signature_content)	public virtual StringArray GetCertChainFromSignature(**byte[]** signature_content)
	public virtual CertVerifyResult VerifyOCSP(CertIssuerPair cert_issuer_pair, **string** ocsp_data)	public virtual CertVerifyResult VerifyOCSP(CertIssuerPair cert_issuer_pair, **byte[]** ocsp_data)
	public virtual CertVerifyResult VerifyCRL(CertIssuerPair cert_issuer_pair, **string** crl_data)	public virtual CertVerifyResult VerifyCRL(CertIssuerPair cert_issuer_pair, **byte[]** crl_data)
	public virtual bool IsCA(**string** cert)	public virtual bool IsCA(**byte[]** cert)
	public virtual DateTime GetDTSTime(**string** signature_content)	public virtual DateTime GetDTSTime(**byte[]** signature_content)
	public virtual string GetTSTSignature(**string** signature_content)	public virtual string GetTSTSignature(**byte[]** signature_content)
	public virtual DateTime GetTSTTime(**string** signature_content)	public virtual DateTime GetTSTTime(**byte[]** signature_content)
	public virtual CertIssuerPair GetOCSPCertAndIssuer(**string** ocsp_data, StringArray trust_cert_chain)	public virtual CertIssuerPair GetOCSPCertAndIssuer(**byte[]** ocsp_data, StringArray trust_cert_chain)
	public virtual DateTime GetOCSPProducedAtTime(**string** ocsp_data)	public virtual DateTime GetOCSPProducedAtTime(**byte[]** ocsp_data)
	public virtual bool IsOCSPNeedCheck(**string** ocsp_data)	public virtual bool IsOCSPNeedCheck(**byte[]** ocsp_data)
	public virtual TimeRange GetCertValidTimeRange(**string** cert)	public virtual TimeRange GetCertValidTimeRange(**byte[]** cert)
	public virtual string GetOCSPSignature(**string** ocsp_data)	public virtual string GetOCSPSignature(**byte[]** ocsp_data)
	public virtual string GetCRLSignature(**string** crl_data)	public virtual string GetCRLSignature(**byte[]** crl_data)
	public virtual RevocationArrayInfo GetRevocationInfoFromSignatureData(**string** signature_content)	public virtual RevocationArrayInfo GetRevocationInfoFromSignatureData(**byte[]** signature_content)

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