

Foxit PDF SDK for .NET Core 7.2 Upgrade Warnings

This document contains a list of items that developers looking to upgrade to Foxit PDF SDK for .NET Core 7.2 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 7.2 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,...)
	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)
TrustedCertStore Callback	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)

Class	SDK 7.0	SDK 7.1
	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(s tring signature_content)	public virtual RevocationArrayInfo GetRevocationInfoFromSignatureData(by te[] 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

SDK 7.0	SDK 7.1
string foxit.pdf.PDFDoc.GetDocURI()	Removed
string foxit.pdf.PDFDoc.GetEndpoint()	Removed