

OpcCertificateRequestedEventArgs Members

Namespace: Opc.UaFx

Assemblies: Opc.UaFx.Advanced.dll, Opc.UaFx.Advanced.dll

The [OpcCertificateRequestedEventArgs](#) type exposes the following members.

Constructors

OpcCertificateRequestedEventArgs(X509Certificate2, OpcCertificateValidationResult, Boolean)

Initializes a new instance of the [OpcCertificateValidationFailedEventArgs](#) class using the event data specified.

C#

```
public OpcCertificateRequestedEventArgs(X509Certificate2 originalCertificate,
OpcCertificateValidationResult reason, bool autoCreateCertificate)
```

Parameters

originalCertificate [Cryptography.X509Certificates.X509Certificate2](#)

The original [Cryptography.X509Certificates.X509Certificate2](#) information determined, evaluated and not used upon **reason**.

reason [OpcCertificateValidationResult](#)

One of the members defined by the [OpcCertificateValidationResult](#) enumeration indicating the reason why the **originalCertificate** is not used.

autoCreateCertificate [Boolean](#)

A value indicating whether a different certificate is created automatically if [AlternativeCertificate](#) is not defined.

Properties

AlternativeCertificate

Gets or sets the [Cryptography.X509Certificates.X509Certificate2](#) instance to be used as the alternative certificate for the originally determined and refused certificate information or a null reference (Nothing in Visual Basic) if an alternative certificate is to be automatically created (if [AutoCreateCertificate](#) is equals true). The default value of this property is the same [Cryptography.X509Certificates.X509Certificate2](#) as specified by [OriginalCertificate](#). In case there this property keeps unchanged the use of the

OriginalCertificate will be enforced.

C#

```
public X509Certificate2 AlternativeCertificate { get; set; }
```

Property Value

[Cryptography.X509Certificates.X509Certificate2](#)

The [Cryptography.X509Certificates.X509Certificate2](#) instance to use after the event has been processed or a null reference (Nothing in Visual Basic).

AutoCreateCertificate

Gets value indicating whether the framework will automatically create a new [Cryptography.X509Certificates.X509Certificate2](#) instance by its own if [AlternativeCertificate](#) is a null reference (Nothing in Visual Basic).

C#

```
public bool AutoCreateCertificate { get; }
```

Property Value

[Boolean](#)

The value true if the framework will automatically create a new [Cryptography.X509Certificates.X509Certificate2](#) by its own if [AlternativeCertificate](#) is a null reference (Nothing in Visual Basic); otherwise the value false.

OriginalCertificate

Gets or sets the [Cryptography.X509Certificates.X509Certificate2](#) instance determined, evaluated and not used upon [Reason](#).

C#

```
public X509Certificate2 OriginalCertificate { get; }
```

Property Value

[Cryptography.X509Certificates.X509Certificate2](#)

The [Cryptography.X509Certificates.X509Certificate2](#) instance automatically determined or a null reference (Nothing in Visual Basic) in case there no certificate information could be found.

Reason

Gets one of the members defined by the [OpcCertificateValidationResult](#) enumeration which provides the outcome of the evaluation process of the [OriginalCertificate](#) information.

C#

```
public OpcCertificateValidationResult Reason { get; }
```

Property Value

[OpcCertificateValidationResult](#)

One of the members defined by the [OpcCertificateValidationResult](#) enumeration.

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