

OpcCertificateQueryInstanceEventArgs Members

Namespace: Opc.UaFx

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

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

Constructors

OpcCertificateQueryInstanceEventArgs(Byte[])

Initializes a new instance of the [OpcCertificateQueryInstanceEventArgs](#) class using the [rawData](#) of the certificate to load when creating the [Cryptography.X509Certificates.X509Certificate2](#) instance representing the contents of the certificate data.

C#

```
public OpcCertificateQueryInstanceEventArgs(byte[] rawData)
```

Parameters

[rawData](#) [Byte\[\]](#)

The binary information of the certificate to load.

Exceptions

[ArgumentNullException](#)

The [rawData](#) is a null reference (Nothing in Visual Basic).

OpcCertificateQueryInstanceEventArgs(Byte[], String)

Initializes a new instance of the [OpcCertificateQueryInstanceEventArgs](#) class using the [rawData](#) of the certificate to load when creating the [Cryptography.X509Certificates.X509Certificate2](#) instance (using the [password](#) specified) representing the contents of the certificate data.

C#

```
public OpcCertificateQueryInstanceEventArgs(byte[] rawData, string password)
```

Parameters

[rawData](#) [Byte\[\]](#)

The binary information of the certificate to load.

[password](#) [String](#)

The password to use when reading the certificate data or a null reference (Nothing in Visual Basic) if there is not a password required to read the certificate.

Exceptions

ArgumentNullException

The `rawData` is a null reference (Nothing in Visual Basic).

OpcCertificateQueryInstanceEventArgs(Byte[], String, X509KeyStorageFlags)

Initializes a new instance of the `OpcCertificateQueryInstanceEventArgs` class using the `rawData` of the certificate to load when creating the `Cryptography.X509Certificates.X509Certificate2` instance (using the `password` and `keyStorage` flags specified) representing the contents of the certificate data.

C#

```
public OpcCertificateQueryInstanceEventArgs(byte[] rawData, string password,
X509KeyStorageFlags keyStorage)
```

Parameters

`rawData` `Byte[]`

The binary information of the certificate to load.

`password` `String`

The password to use when reading the certificate data or a null reference (Nothing in Visual Basic) if there is not a password required to read the certificate.

`keyStorage` `Cryptography.X509Certificates.X509KeyStorageFlags`

A combination of the values defined by the `Cryptography.X509Certificates.X509KeyStorageFlags` enumeration indicating the way the key in the certificate is to be stored after the certificate has been loaded.

Exceptions

ArgumentNullException

The `rawData` is a null reference (Nothing in Visual Basic).

OpcCertificateQueryInstanceEventArgs(String)

Initializes a new instance of the `OpcCertificateQueryInstanceEventArgs` class using the `path` of the certificate file to load when creating the `Cryptography.X509Certificates.X509Certificate2` instance representing the contents of the certificate file.

C#

```
public OpcCertificateQueryInstanceEventArgs(string path)
```

Parameters

path String

The full qualified path of the certificate file to load.

Exceptions

[ArgumentException](#)

The **path** is an empty string.

[ArgumentNullException](#)

The **path** is a null reference (Nothing in Visual Basic).

OpcCertificateQueryInstanceEventArgs(String, String)

Initializes a new instance of the [OpcCertificateQueryInstanceEventArgs](#) class using the **path** of the certificate file to load when creating the [Cryptography.X509Certificates.X509Certificate2](#) instance (using the **password** specified) representing the contents of the certificate file.

C#

```
public OpcCertificateQueryInstanceEventArgs(string path, string password)
```

Parameters

path String

The full qualified path of the certificate file to load.

password String

The password to use when reading the certificate file or a null reference (Nothing in Visual Basic) if there is not a password required to read the certificate.

Exceptions

[ArgumentException](#)

The **path** is an empty string.

[ArgumentNullException](#)

The **path** is a null reference (Nothing in Visual Basic).

OpcCertificateQueryInstanceEventArgs(String, String,

X509KeyStorageFlags)

Initializes a new instance of the [OpcCertificateQueryInstanceEventArgs](#) class using the [path](#) of the certificate file to load when creating the [Cryptography.X509Certificates.X509Certificate2](#) instance (using the [password](#) and [keyStorage](#) flags specified) representing the contents of the certificate file.

C#

```
public OpcCertificateQueryInstanceEventArgs(string path, string password,
X509KeyStorageFlags keyStorage)
```

Parameters

[path](#) [String](#)

The full qualified path of the certificate file to load.

[password](#) [String](#)

The password to use when reading the certificate file or a null reference (Nothing in Visual Basic) if there is not a password required to read the certificate.

[keyStorage](#) [Cryptography.X509Certificates.X509KeyStorageFlags](#)

A combination of the values defined by the [Cryptography.X509Certificates.X509KeyStorageFlags](#) enumeration indicating the way the key in the certificate is to be stored after the certificate has been loaded.

Exceptions

[ArgumentException](#)

The [path](#) is an empty string.

[ArgumentNullException](#)

The [path](#) is a null reference (Nothing in Visual Basic).

Properties

Certificate

Gets or sets the [Cryptography.X509Certificates.X509Certificate2](#) instance created either from the [Path](#) or [RawData](#) while using the [Password](#) and the [KeyStorage](#) flags considering custom, platform and operating system related restrictions.

C#

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

Property Value

Cryptography.X509Certificates.X509Certificate2

An instance of the [Cryptography.X509Certificates.X509Certificate2](#) class initialized from the event data represented or a null reference (Nothing in Visual Basic) if still a [Cryptography.X509Certificates.X509Certificate2](#) instance to create.

KeyStorage

Gets the [Cryptography.X509Certificates.X509KeyStorageFlags](#) indicating the way the key in the certificate is to be stored after the certificate has been loaded.

C#

```
public X509KeyStorageFlags? KeyStorage { get; }
```

Property Value

[Nullable<Cryptography.X509Certificates.X509KeyStorageFlags>](#)

A combination of the values defined by the [Cryptography.X509Certificates.X509KeyStorageFlags](#) enumeration or a null reference (Nothing in Visual Basic) if the default behaviour is to be used when storing the key information contained in the certificate to load.

Password

Gets the password to use when reading the certificate data.

C#

```
public string Password { get; }
```

Property Value

[String](#)

The password to use when reading the certificate data or a null reference (Nothing in Visual Basic) if there is not a password required to read the certificate.

Path

Gets the full qualified path of the certificate file to load.

C#

```
public string Path { get; }
```

Property Value

[String](#)

The full qualified path of the certificate file to load or a null reference (Nothing in Visual Basic) in case

there the certificate is to be loaded using its [RawData](#).

RawData

Gets the binary information of the certificate to load.

C#

```
public byte[] RawData { get; }
```

Property Value

Byte[]

An array of [Byte](#) values representing the binary information of the certificate to load or a null reference (Nothing in Visual Basic) in case there the certificate is to be loaded using the [Path](#) to the certificate file to load.

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