

OpcException Class

Namespace: Opc.UaFx

Assemblies: Opc.UaFx.Advanced.dll

The exception that is thrown when an OPC operation has failed.

C#

```
[Serializable]
public class OpcException : Exception, ISerializable, _Exception
```

Inheritance [Object](#) > [Exception](#) > [OpcException](#)

Attributes [SerializableAttribute](#)

Implements [Serialization.ISerializable](#), [InteropServices._Exception](#)

Constructors

Name	Description
OpcException	Initializes a new instance of the OpcException class with default properties.
OpcException(OpcContext)	Initializes a new instance of the OpcException class with default properties and the context specified.
OpcException(OpcContext, OpcResult)	Initializes a new instance of the OpcException class using the context and result information specified.
OpcException(OpcContext, OpcStatusCode)	Initializes a new instance of the OpcException class with the specified context and code .
OpcException(OpcContext, OpcStatusCode, Exception)	Initializes a new instance of the OpcException class with the specified context , code and inner exception.
OpcException(OpcContext, OpcStatusCode, String)	Initializes a new instance of the OpcException class with the context , code and message specified.
OpcException(OpcContext, OpcStatusCode, String, Exception)	Initializes a new instance of the OpcException class with the context , code , message and inner specified.
OpcException(OpcContext, String)	Initializes a new instance of the OpcException class with the context and message specified.
OpcException(OpcResult)	Initializes a new instance of the OpcException class using the result information specified.
OpcException(OpcStatusCode)	Initializes a new instance of the OpcException class with the specified code .
OpcException(OpcStatusCode, Exception)	Initializes a new instance of the OpcException class with the specified code and inner exception.

Name	Description
<code>OpcException(OpcStatusCode, String)</code>	Initializes a new instance of the <code>OpcException</code> class with the <code>code</code> and <code>message</code> specified.
<code>OpcException(OpcStatusCode, String, Exception)</code>	Initializes a new instance of the <code>OpcException</code> class with the <code>code</code> , <code>message</code> and <code>inner</code> exception specified.
<code>OpcException(Serialization.SerializationInfo, Serialization.StreamingContext)</code>	Initializes a new instance of the <code>OpcException</code> class with serialized data.
<code>OpcException(String)</code>	Initializes a new instance of the <code>OpcException</code> class with the <code>message</code> specified.

Properties

Name	Description
<code>Code</code>	Gets the according <code>OpcStatusCode</code> for the <code>ErrorCode</code> .
<code>Context</code>	Gets the <code>OpcContext</code> which was in use while the current <code>OpcException</code> was generated.
<code>Data</code>	Gets a collection of key/value pairs that provide additional user-defined information about the exception.
<code>ErrorCode</code>	Gets the error code of the <code>OpcException</code> .
<code>HelpLink</code>	Gets or sets a link to the help file associated with this exception.
<code>Message</code>	Gets a message that describes the current exception.
<code>Result</code>	Gets the result information associated with the exception.
<code>Source</code>	Gets or sets the name of the application or the object that causes the error.
<code>StackTrace</code>	Gets a string representation of the immediate frames on the call stack.

Methods

Name	Description
<code>GetBaseException</code>	Returns the <code>System.Exception</code> that is the root cause of one or more subsequent exceptions.
<code>GetObjectData(Serialization.SerializationInfo, Serialization.StreamingContext)</code>	Sets the <code>Serialization.SerializationInfo</code> with information about the exception.
<code>ToString</code>	

Table of Contents

Constructors	1
Properties	2
Methods	2

