

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

Properties

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

Methods

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

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