

OpcStatusCollection Members

Namespace: Opc.UaFx

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

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

Constructors

OpcStatusCollection()

Initializes a new instance of the [OpcStatusCollection](#) class.

C#

```
public OpcStatusCollection()
```

OpcStatusCollection(IEnumerable<OpcStatus>)

Initializes a new instance of the [OpcStatusCollection](#) class with the `items` specified.

C#

```
public OpcStatusCollection(IEnumerable<OpcStatus> items)
```

Parameters

`items` [IEnumerable<OpcStatus>](#)

The [IEnumerable<T>](#) of [OpcStatus](#) instances to use as the initial items of the collection.

Exceptions

[ArgumentNullException](#)

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

OpcStatusCollection(IEnumerable<OpcStatusCode>)

Initializes a new instance of the [OpcStatusCollection](#) class with the `statusCodes` specified.

C#

```
public OpcStatusCollection(IEnumerable<OpcStatusCode> statusCodes)
```

Parameters

`statusCodes` [IEnumerable<OpcStatusCode>](#)

The [IEnumerable<T>](#) of [OpcStatusCode](#) values from which the according [OpcStatus](#) instances where created

and added as the initial items of the collection.

Exceptions

ArgumentNullException

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

OpcStatusCollection(IList<OpcStatus>)

Initializes a new instance of the `OpcStatusCollection` class as a wrapper for the specified `list`.

C#

```
public OpcStatusCollection(IList<OpcStatus> list)
```

Parameters

`list` `IList<OpcStatus>`

The `IList` of `OpcStatus` instances to wrap.

Exceptions

ArgumentNullException

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

OpcStatusCollection(OpcStatus[])

Initializes a new instance of the `OpcStatusCollection` class with the `items` specified.

C#

```
public OpcStatusCollection(params OpcStatus[] items)
```

Parameters

`items` `OpcStatus[]`

An array of `OpcStatus` items to use as the initial items of the collection.

Exceptions

ArgumentNullException

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

OpcStatusCollection(OpcStatusCode[])

Initializes a new instance of the `OpcStatusCollection` class with the `statusCodes` specified.

C#

```
public OpcStatusCollection(params OpcStatusCode[] statusCodes)
```

Parameters

statusCodes [OpcStatusCode\[\]](#)

An array of [OpcStatusCode](#) values to use to create the according [OpcStatus](#) instances which are added as the initial items of the collection.

Exceptions

[ArgumentNullException](#)

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

Methods

Add(OpcStatusCode)

Adds a new item to the end of the collection using the **statusCode** specified.

C#

```
public OpcStatus Add(OpcStatusCode statusCode)
```

Parameters

statusCode [OpcStatusCode](#)

The [OpcStatusCode](#) value to use to create a new [OpcStatus](#) instance which is then added to the end of the collection.

Returns

[OpcStatus](#)

A new instance of the [OpcStatus](#) class initialized with the **statusCode** specified and added to the end of the collection.

Create(OpcStatusCode, Int32)

Creates a new instance of the [OpcStatusCollection](#) with a initial number of items defined by **count**, where each item represents an instance of the [OpcStatus](#) class initialized using the **statusCode** passed.

C#

```
[CLSCompliant(false)]  
public static OpcStatusCollection Create(OpcStatusCode statusCode, int count)
```

Parameters

`statusCode` [OpcStatusCode](#)

The [OpcStatusCode](#) value to use for the items to add as the initial entries of the collection to create.

`count` [Int32](#)

The number of items to create from the `statusCode` specified to add as the initial entries of the collection to create.

Returns

[OpcStatusCollection](#)

A new instance of the [OpcStatusCollection](#) class initialized with the number of items specified by `count`, where each instance of the [OpcStatus](#) in this collection has been created from the `statusCode` passed.

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