

IOpcAddReferencesService Members

Namespace: Opc.UaFx.Services

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

The [IOpcAddReferencesService](#) interface defines the following members.

Methods

AddReferences(IEnumerable<OpcAddReference>)

Adds one or more references to existing nodes in the address space hierarchy using the **commands** specified.

C#

```
OpcStatusCollection AddReferences(IEnumerable<OpcAddReference> commands)
```

Parameters

commands [IEnumerable<OpcAddReference>](#)

A sequence of [OpcAddReference](#) instances to process.

Returns

[OpcStatusCollection](#)

An instance of the [OpcStatusCollection](#) class which contains the information about the outcome of each processed command.

Exceptions

[ArgumentNullException](#)

The **commands** sequence or one of its items is a null reference (Nothing in Visual Basic).

[InvalidOperationException](#)

The add reference service is currently not supported, especially using the **commands** specified.

[OpcException](#)

The service execution failed upon different circumstances; for more details see exception details. The following issues can lead to that exception: [BadNothingToDo](#) and [BadTooManyOperations](#).

Remarks

Known results for the **commands** specified are:

Status	Description
BadSourceNodeIdInvalid	For more details see BadSourceNodeIdInvalid .
BadReferenceTypeInvalid	For more details see BadReferenceTypeInvalid .
BadServerUriInvalid	For more details see BadServerUriInvalid .
BadTargetNodeIdInvalid	For more details see BadTargetNodeIdInvalid .
BadNodeClassInvalid	For more details see BadNodeClassInvalid .
BadReferenceNotAllowed	The reference could not be created because it violates constraints imposed by the data model on this server.
BadReferenceLocalOnly	The reference type is not valid for a reference to a remote server.
BadUserAccessDenied	For more details see BadUserAccessDenied .
BadDuplicateReferenceNotAllowed	The reference type between the nodes is already defined.
BadInvalidSelfReference	The server does not allow this type of self reference on this node.

AddReferences(OpcAddReference[])

Adds one or more references to existing nodes in the address space hierarchy using the **commands** specified.

C#

```
OpcStatusCollection AddReferences(params OpcAddReference[] commands)
```

Parameters

commands [OpcAddReference\[\]](#)

An array of [OpcAddReference](#) instances to process.

Returns

[OpcStatusCollection](#)

An instance of the [OpcStatusCollection](#) class which contains the information about the outcome of each processed command.

Exceptions

[ArgumentNullException](#)

The **commands** sequence or one of its items is a null reference (Nothing in Visual Basic).

[InvalidOperationException](#)

The add reference service is currently not supported, especially using the **commands** specified.

[OpcException](#)

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BadReferenceLocalOnly	The reference type is not valid for a reference to a remote server.
BadUserAccessDenied	For more details see BadUserAccessDenied .
BadDuplicateReferenceNotAllowed	The reference type between the nodes is already defined.
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