IOpcBrowseService Members

Namespace: Opc.UaFx.Services
Assemblies: Opc.UaFx.Advanced.dll, Opc.UaFx.Advanced.dll
The IOpcBrowseService interface defines the following members.

Properties

MaxNodesPerBrowse

Gets or sets the maximum number of nodes which shall be browsed using a single browse request. This number indirectly defines the number of requests used to send a specific number of browse requests to the server.

C#

```
uint? MaxNodesPerBrowse { get; set; }
```

Property Value

Nullable<UInt32>

The absolute number of browse commands which shall be send to the server per request or a null reference (Nothing in Visual Basic). In case there a specific number of nodes is used, a request with more commands as the MaxNodesPerBrowse is partitioned into multiple requests and the responses of them are accumulated. The default value of this property is a null reference (Nothing in Visual Basic) and means that all commands defined are send to the server using the server defined number of nodes per browse request.

UsedMaxNodesPerBrowse

Gets the maximum number of nodes which are browsed using a single browse request. This property will use either the MaxNodesPerBrowse or the maximum number of nodes which can be browsed in one request as defined by the server. The lowest number of nodes is used to partition the commands to execute into multiple browse requests.

C#

```
uint? UsedMaxNodesPerBrowse { get; }
```

Property Value

Nullable<UInt32>

In case there has already been one browse attempt (with more than one browse command) the definite number of commands per browse request; otherwise a null reference (Nothing in Visual Basic).

Methods

Browse(IEnumerable<OpcBrowseNode>)

C#

```
[CLSCompliant(false)]
BrowseResultCollection Browse(IEnumerable<OpcBrowseNode> commands)
```

Parameters

`commands` IEnumerable<OpcBrowseNode>

Returns

BrowseResultCollection

Exceptions

ArgumentNullException

InvalidOperationException

OpcException

Browse(OpcBrowseNode[])

C#

```
[CLSCompliant(false)]
BrowseResultCollection Browse(params OpcBrowseNode[] commands)
```

Parameters

`commands` OpcBrowseNode[]

Returns

BrowseResultCollection

Exceptions

ArgumentNullException

InvalidOperationException

OpcException

Browse(OpcViewDescription, IEnumerable<OpcBrowseNode>)

C#

```
[CLSCompliant(false)]
BrowseResultCollection Browse(OpcViewDescription view, IEnumerable<OpcBrowseNode> commands)
```

Parameters

`view` OpcViewDescription

`commands` IEnumerable<OpcBrowseNode>

Returns

BrowseResultCollection

Exceptions

ArgumentNullException

InvalidOperationException

OpcException

Browse(OpcViewDescription, OpcBrowseNode[])

C#

```
[CLSCompliant(false)]
BrowseResultCollection Browse(OpcViewDescription view, params OpcBrowseNode[] commands)
```

Parameters

`view` OpcViewDescription

`commands` OpcBrowseNode[]

Returns

BrowseResultCollection

Exceptions

ArgumentNullException

InvalidOperationException

OpcException

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