

OpcAddFolderNode Members

Namespace: Opc.UaFx

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

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

Constructors

OpcAddFolderNode(OpcName)

Initializes a new instance of the [OpcAddFolderNode](#) class using the **name** of the folder node to add. The according [OpcNodeId](#) to identify and access the new node is determined by the service. The new node will be a child of the [ObjectsFolder](#) node using [Organizes](#) as the type of reference.

C#

```
public OpcAddFolderNode(OpcName name)
```

Parameters

name [OpcName](#)

The [OpcName](#) through that the new folder node can be accessed.

Exceptions

[ArgumentException](#)

The **name** is equals [Null](#).

[ArgumentNullException](#)

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

OpcAddFolderNode(OpcName, OpcAddInstanceNode[])

Initializes a new instance of the [OpcAddFolderNode](#) class using the **name** of the folder node to add. The according [OpcNodeId](#) to identify and access the new node is determined by the service. The new node will be a child of the [ObjectsFolder](#) node using [Organizes](#) as the type of reference.

C#

```
public OpcAddFolderNode(OpcName name, params OpcAddInstanceNode[] children)
```

Parameters

name [OpcName](#)

The [OpcName](#) through that the new folder node can be accessed.

children [OpcAddInstanceNode\[\]](#)

The initial child nodes of the node to add.

Exceptions

[ArgumentException](#)

The **name** is equals [Null](#).

[ArgumentNullException](#)

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

OpcAddFolderNode(OpcName, OpcNodeId)

Initializes a new instance of the [OpcAddFolderNode](#) class using the **name** of the folder node to add, which shall be additionally accessible by the **nodeId** defined. The new node will be a child of the [ObjectsFolder](#) node using [Organizes](#) as the type of reference.

C#

```
public OpcAddFolderNode(OpcName name, OpcNodeId nodeId)
```

Parameters

name [OpcName](#)

The [OpcName](#) through that the new folder node can be accessed.

nodeId [OpcNodeId](#)

The [OpcNodeId](#) through that the new node can be identified and accessed. In case there [Null](#) is specified the server will determine the according [OpcNodeId](#) by its own.

Exceptions

[ArgumentException](#)

The **name** is equals [Null](#).

[ArgumentNullException](#)

The **name** or **nodeId** is a null reference (Nothing in Visual Basic).

OpcAddFolderNode(OpcName, OpcNodeId, OpcAddInstanceNode[])

Initializes a new instance of the [OpcAddFolderNode](#) class using the **name** of the folder node to add, which shall be additionally accessible by the **nodeId** defined. The new node will be a child of the [ObjectsFolder](#) node using [Organizes](#) as the type of reference.

C#

```
public OpcAddFolderNode(OpcName name, OpcNodeId nodeId, params OpcAddInstanceNode[] children)
```

Parameters

name [OpcName](#)

The [OpcName](#) through that the new folder node can be accessed.

nodeId [OpcNodeId](#)

The [OpcNodeId](#) through that the new node can be identified and accessed. In case there [Null](#) is specified the server will determine the according [OpcNodeId](#) by its own.

children [OpcAddInstanceNode\[\]](#)

The initial child nodes of the node to add.

Exceptions

[ArgumentException](#)

The **name** is equals [Null](#).

[ArgumentNullException](#)

The **name** or **nodeId** is a null reference (Nothing in Visual Basic).

OpcAddFolderNode(OpcName, OpcNodeId, OpcNodeId)

Initializes a new instance of the [OpcAddFolderNode](#) class using the **name** of the folder node to add, which shall be additionally accessible by the **nodeId** defined. The new node will be a child of the node identified by **parentNodeId** using [Organizes](#) as the type of reference.

C#

```
public OpcAddFolderNode(OpcName name, OpcNodeId nodeId, OpcNodeId parentNodeId)
```

Parameters

name [OpcName](#)

The [OpcName](#) through that the new folder node can be accessed.

nodeId [OpcNodeId](#)

The [OpcNodeId](#) through that the new node can be identified and accessed. In case there [Null](#) is specified the server will determine the according [OpcNodeId](#) by its own.

parentNodeId [OpcNodeId](#)

The [OpcNodeId](#) of the parent node to reference using [Organizes](#) as the type of reference.

Exceptions

ArgumentException

The `parentNodeId` is equals `Null` or `name` is equals `Null`.

ArgumentNullException

The `name`, `nodeId` or `parentNodeId` is a null reference (Nothing in Visual Basic).

OpcAddFolderNode(OpcName, OpcNodeId, OpcNodeId, OpcAddInstanceNode[])

Initializes a new instance of the `OpcAddFolderNode` class using the `name` of the folder node to add, which shall be additionally accessible by the `nodeId` defined. The new node will be a child of the node identified by `parentNodeId` using `Organizes` as the type of reference.

C#

```
public OpcAddFolderNode(OpcName name, OpcNodeId nodeId, OpcNodeId parentNodeId, params
OpcAddInstanceNode[] children)
```

Parameters

`name` `OpcName`

The `OpcName` through that the new folder node can be accessed.

`nodeId` `OpcNodeId`

The `OpcNodeId` through that the new node can be identified and accessed. In case there `Null` is specified the server will determine the according `OpcNodeId` by its own.

`parentNodeId` `OpcNodeId`

The `OpcNodeId` of the parent node to reference using `Organizes` as the type of reference.

`children` `OpcAddInstanceNode[]`

The initial child nodes of the node to add.

Exceptions

ArgumentException

The `parentNodeId` is equals `Null` or `name` is equals `Null`.

ArgumentNullException

The `name`, `nodeId` or `parentNodeId` is a null reference (Nothing in Visual Basic).

OpcAddFolderNode(OpcName, OpcNodeId, OpcNodeId, OpcNodeId)

Initializes a new instance of the `OpcAddFolderNode` class using the `name` of the folder node to add, which shall be additionally accessible by the `nodeId` defined. The new node will be a child of the node identified

by `parentNodeId` using the type of reference identified by the `referenceTypeId` specified.

C#

```
public OpcAddFolderNode(OpcName name, OpcNodeId nodeId, OpcNodeId parentNodeId, OpcNodeId referenceTypeId)
```

Parameters

`name` `OpcName`

The `OpcName` through that the new folder node can be accessed.

`nodeId` `OpcNodeId`

The `OpcNodeId` through that the new node can be identified and accessed. In case there `Null` is specified the server will determine the according `OpcNodeId` by its own.

`parentNodeId` `OpcNodeId`

The `OpcNodeId` of the parent node to reference using the type of reference identified by `referenceTypeId`.

`referenceTypeId` `OpcNodeId`

The `OpcNodeId` which identifies the type of reference to use for the new node and the existing parent node identified by `parentNodeId`.

Exceptions

`ArgumentException`

The `parentNodeId` or `referenceTypeId` is equals `Null` or `name` is equals `Null`.

`ArgumentNullException`

The `name`, `nodeId`, `parentNodeId` or `referenceTypeId` is a null reference (Nothing in Visual Basic).

OpcAddFolderNode(OpcName, OpcNodeId, OpcNodeId, OpcNodeId, OpcAddInstanceNode[])

Initializes a new instance of the `OpcAddFolderNode` class using the `name` of the folder node to add, which shall be additionally accessible by the `nodeId` defined. The new node will be a child of the node identified by `parentNodeId` using the type of reference identified by the `referenceTypeId` specified.

C#

```
public OpcAddFolderNode(OpcName name, OpcNodeId nodeId, OpcNodeId parentNodeId, OpcNodeId referenceTypeId, params OpcAddInstanceNode[] children)
```

Parameters

`name` `OpcName`

The `OpcName` through that the new folder node can be accessed.

nodeId OpcNodeId

The **OpcNodeId** through that the new node can be identified and accessed. In case there **Null** is specified the server will determine the according **OpcNodeId** by its own.

parentNodeId OpcNodeId

The **OpcNodeId** of the parent node to reference using the type of reference identified by **referenceTypeId**.

referenceTypeId OpcNodeId

The **OpcNodeId** which identifies the type of reference to use for the new node and the existing parent node identified by **parentNodeId**.

children OpcAddInstanceNode[]

The initial child nodes of the node to add.

Exceptions

ArgumentException

The **parentNodeId** or **referenceTypeId** is equals **Null** or **name** is equals **Null**.

ArgumentNullException

The **name**, **nodeId**, **parentNodeId** or **referenceTypeId** is a null reference (Nothing in Visual Basic).

OpcAddFolderNode(OpcName, OpcNodeId, OpcNodeId, OpcReferenceType)

Initializes a new instance of the **OpcAddFolderNode** class using the **name** of the folder node to add, which shall be additionally accessible by the **nodeId** defined. The new node will be a child of the node identified by **parentNodeId** using the **referenceType** specified as the type of reference.

C#

```
public OpcAddFolderNode(OpcName name, OpcNodeId nodeId, OpcNodeId parentNodeId,
    OpcReferenceType referenceType)
```

Parameters

name OpcName

The **OpcName** through that the new folder node can be accessed.

nodeId OpcNodeId

The **OpcNodeId** through that the new node can be identified and accessed. In case there **Null** is specified the server will determine the according **OpcNodeId** by its own.

parentNodeId OpcNodeId

The **OpcNodeId** of the parent node to reference using **Organizes** as the type of reference.

referenceType OpcReferenceType

One of the members defined by the [OpcReferenceType](#) enumeration to use to setup the reference between the new node and the existing parent node identified by [parentNodeId](#).

Exceptions

ArgumentException

The [parentNodeId](#) is equals [Null](#) or [name](#) is equals [Null](#).

ArgumentNullException

The [name](#), [nodeId](#) or [parentNodeId](#) is a null reference (Nothing in Visual Basic).

OpcAddFolderNode(OpcName, OpcNodeId, OpcNodeId, OpcReferenceType, OpcAddInstanceNode[])

Initializes a new instance of the [OpcAddFolderNode](#) class using the [name](#) of the folder node to add, which shall be additionally accessible by the [nodeId](#) defined. The new node will be a child of the node identified by [parentNodeId](#) using the [referenceType](#) specified as the type of reference.

C#

```
public OpcAddFolderNode(OpcName name, OpcNodeId nodeId, OpcNodeId parentNodeId,
    OpcReferenceType referenceType, params OpcAddInstanceNode[] children)
```

Parameters

[name](#) [OpcName](#)

The [OpcName](#) through that the new folder node can be accessed.

[nodeId](#) [OpcNodeId](#)

The [OpcNodeId](#) through that the new node can be identified and accessed. In case there [Null](#) is specified the server will determine the according [OpcNodeId](#) by its own.

[parentNodeId](#) [OpcNodeId](#)

The [OpcNodeId](#) of the parent node to reference using [Organizes](#) as the type of reference.

[referenceType](#) [OpcReferenceType](#)

One of the members defined by the [OpcReferenceType](#) enumeration to use to setup the reference between the new node and the existing parent node identified by [parentNodeId](#).

[children](#) [OpcAddInstanceNode\[\]](#)

The initial child nodes of the node to add.

Exceptions

ArgumentException

The [parentNodeId](#) is equals [Null](#) or [name](#) is equals [Null](#).

ArgumentNullException

The `name`, `nodeId` or `parentNodeId` is a null reference (Nothing in Visual Basic).

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