

OpcFolderNode Members

Namespace: Opc.UaFx

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

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

Constructors

OpcFolderNode(IOpcNode, OpcName)

Initializes a new instance of the [OpcFolderNode](#) class accessible by the **name** specified as a child node of the **parent** node given.

C#

```
public OpcFolderNode(IOpcNode parent, OpcName name)
```

Parameters

parent [IOpcNode](#)

The [IOpcNode](#) used as the parent node or a null reference (Nothing in Visual Basic) in the case there is no parent node available.

name [OpcName](#)

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

OpcFolderNode(IOpcNode, OpcName, OpcInstanceNode[])

Initializes a new instance of the [OpcFolderNode](#) class accessible by the **name** specified as a child node of the **parent** node given and with the initial child nodes specified by **children**.

C#

```
public OpcFolderNode(IOpcNode parent, OpcName name, params OpcInstanceNode[] children)
```

Parameters

parent [IOpcNode](#)

The [IOpcNode](#) used as the parent node or a null reference (Nothing in Visual Basic) in the case there is no parent node available.

name [OpcName](#)

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

children [OpcInstanceNode\[\]](#)

The initial child nodes of the node.

OpcFolderNode(IOpcNode, OpcName, OpcNodeId)

Initializes a new instance of the [OpcFolderNode](#) class accessible by the [name](#) and [id](#) specified as a child node of the [parent](#) node given.

C#

```
public OpcFolderNode(IOpcNode parent, OpcName name, OpcNodeId id)
```

Parameters

[parent](#) [IOpcNode](#)

The [IOpcNode](#) used as the parent node or a null reference (Nothing in Visual Basic) in the case there is no parent node available.

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

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

[id](#) [OpcNodeId](#)

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

OpcFolderNode(IOpcNode, OpcName, OpcNodeId, OpcInstanceNode[])

Initializes a new instance of the [OpcFolderNode](#) class accessible by the [name](#), [id](#) specified as a child node of the [parent](#) node given and with the initial child nodes specified by [children](#).

C#

```
public OpcFolderNode(IOpcNode parent, OpcName name, OpcNodeId id, params OpcInstanceNode[] children)
```

Parameters

[parent](#) [IOpcNode](#)

The [IOpcNode](#) used as the parent node or a null reference (Nothing in Visual Basic) in the case there is no parent node available.

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

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

[id](#) [OpcNodeId](#)

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

[children](#) [OpcInstanceNode\[\]](#)

The initial child nodes of the node.

OpcFolderNode(OpcName)

Initializes a new instance of the [OpcFolderNode](#) class accessible by the **name** specified.

C#

```
public OpcFolderNode(OpcName name)
```

Parameters

name [OpcName](#)

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

OpcFolderNode(OpcName, OpcInstanceNode[])

Initializes a new instance of the [OpcFolderNode](#) class accessible by the **name** and with the initial child nodes specified by **children**.

C#

```
public OpcFolderNode(OpcName name, params OpcInstanceNode[] children)
```

Parameters

name [OpcName](#)

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

children [OpcInstanceNode\[\]](#)

The initial child nodes of the node.

OpcFolderNode(OpcName, OpcNodeId)

Initializes a new instance of the [OpcFolderNode](#) class accessible by the **name** and **id** specified.

C#

```
public OpcFolderNode(OpcName name, OpcNodeId id)
```

Parameters

name [OpcName](#)

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

id [OpcNodeId](#)

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

OpcFolderNode(OpcName, OpcNodeId, OpcInstanceNode[])

Initializes a new instance of the [OpcFolderNode](#) class accessible by the [name](#), [id](#) and with the initial child nodes specified by [children](#).

C#

```
public OpcFolderNode(OpcName name, OpcNodeId id, params OpcInstanceNode[] children)
```

Parameters

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

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

[id](#) [OpcNodeId](#)

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

[children](#) [OpcInstanceNode\[\]](#)

The initial child nodes of the node.

Properties

DefaultReferenceTypeId

Gets the default identifier which identifies the type that defines the underlying node reference within this [OpcInstanceNode](#) is referenced by its parent node.

C#

```
protected override OpcNodeId DefaultReferenceTypeId { get; }
```

Property Value

[OpcNodeId](#)

The [OpcNodeId](#) of the reference within this [OpcInstanceNode](#) is referenced. These reference defines the typical behaviour of an instance node and its role in the address space regarding its parent. If there exists no specific reference type a null reference (Nothing in Visual Basic).

DefaultTypeDefinitionId

Gets the default identifier which identifies the node that defines the underlying node type from that this [OpcInstanceNode](#) has been created.

C#

```
protected override OpcNodeId DefaultTypeDefinitionId { get; }
```

Property Value

OpcNodeId

The [OpcNodeId](#) of the type node from that this [OpcInstanceNode](#) has been created from. These type node defines the typical structure of an instance node of its type definition. If there exists no specific type definition node a null reference (Nothing in Visual Basic).

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