

# 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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