

# OpcAddNode Class

**Namespace:** Opc.UaFx

**Assemblies:** Opc.UaFx.Advanced.dll

Defines an abstract base class for a single command of the [IOpcAddNodesService](#) used to add one node.

**C#**

```
public abstract class OpcAddNode : OpcNodeServiceCommand
```

**Inheritance** [Object](#) > [OpcServiceCommand](#) > [OpcNodeServiceCommand](#) > [OpcAddNode](#)

## Derived

- [OpcAddInstanceNode](#)
- [OpcAddTypeNode](#)

## Constructors

| Name                                                                       | Description                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">OpcAddNode(OpcNodeCategory, OpcName)</a>                       | Initializes a new instance of the <a href="#">OpcAddNode</a> class using the specified <b>category</b> of node to add, which shall be accessible by the <b>name</b> defined. The according <a href="#">OpcNodeId</a> to identify and access the new node is determined by the service. |
| <a href="#">OpcAddNode(OpcNodeCategory, OpcName, OpcNodeId)</a>            | Initializes a new instance of the <a href="#">OpcAddNode</a> class using the specified <b>category</b> of node to add, which shall be accessible by the <b>name</b> and <b>nodeId</b> defined. The new node will be a child of the <a href="#">ObjectsFolder</a> node.                 |
| <a href="#">OpcAddNode(OpcNodeCategory, OpcName, OpcNodeId, OpcNodeId)</a> | Initializes a new instance of the <a href="#">OpcAddNode</a> class using the specified <b>category</b> of node to add, which shall be accessible by the <b>name</b> and <b>nodeId</b> defined. The new node will be a child of the node identified by <b>parentNodeId</b> .            |

## Properties

| Name                               | Description                                                                                                                                                                                                                                                 |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">Category</a>           | Gets a value indicating the classification of the node in the address space.                                                                                                                                                                                |
| <a href="#">Description</a>        | Gets or sets the localized description of the meaning of the node.                                                                                                                                                                                          |
| <a href="#">DisplayName</a>        | Gets or sets the localized name of the node.                                                                                                                                                                                                                |
| <a href="#">Name</a>               | Gets the non-localised human-readable name of the node in the address space.                                                                                                                                                                                |
| <a href="#">NodeId</a>             | Gets the node identifier of the node on which a node orientated service have to operate on.<br>(Inherited from <a href="#">OpcNodeServiceCommand</a> )                                                                                                      |
| <a href="#">ParentNodeId</a>       | Gets the identifier of the existing parent node of the new node.                                                                                                                                                                                            |
| <a href="#">SupportsNullNodeId</a> | Gets a value indicating whether the <a href="#">OpcAddNode</a> supports instances of the <a href="#">OpcNodeId</a> class its <b>IsNull</b> provides a value equals to the value true.                                                                       |
| <a href="#">SupportsNullNodeId</a> | Gets a value indicating whether the <a href="#">OpcNodeServiceCommand</a> supports instances of the <a href="#">OpcNodeId</a> class its <b>IsNull</b> provides a value equals to the value true.<br>(Inherited from <a href="#">OpcNodeServiceCommand</a> ) |

| Name            | Description                                                                                                                                          |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| UserWriteAccess | Gets or sets a value which exposes the possibilities of a client to write the attributes of the node taking user access rights into account.         |
| WriteAccess     | Gets or sets a value which exposes the possibilities of a client to write the attributes of the node without taking user access rights into account. |

## Methods

| Name                                  | Description                                                                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| DenyNullIdentifier(OpcNodeId, String) | Verifies whether the <b>value</b> is a null identifier by checking the <b>IsNull</b> property.<br>(Inherited from <b>OpcNodeServiceCommand</b> ) |

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