

OpcNodeServiceCommand Members

Namespace: Opc.UaFx.Services

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

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

Constructors

OpcNodeServiceCommand(Byte[])

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the `nodeId` specified.

C#

```
protected OpcNodeServiceCommand(byte[] nodeId)
```

Parameters

`nodeId` [Byte\[\]](#)

The opaque node identifier of the node on which the service, who will execute this command, will operate.

OpcNodeServiceCommand(Byte[], Int32)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the `nodeId` and `namespaceIndex` specified.

C#

```
protected OpcNodeServiceCommand(byte[] nodeId, int namespaceIndex)
```

Parameters

`nodeId` [Byte\[\]](#)

The opaque node identifier of the node on which the service, who will execute this command, will operate.

`namespaceIndex` [Int32](#)

The index of the namespace within that the node with the `nodeId` specified can be located.

OpcNodeServiceCommand(Byte[], OpcNamespace)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the `nodeId` and `nodeNameSpace` specified.

C#

```
protected OpcNodeServiceCommand(byte[] nodeId, OpcNamespace nodeNameSpace)
```

Parameters

nodeId Byte[]

The opaque node identifier of the node on which the service, who will execute this command, will operate.

nodeNamespace OpcNamespace

The namespace within that the node with the **nodeId** specified can be located.

OpcNodeServiceCommand(Guid)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** specified.

C#

```
protected OpcNodeServiceCommand(Guid nodeId)
```

Parameters

nodeId Guid

The general unique identifier (= GUID) of the node on which the service, who will execute this command, will operate.

OpcNodeServiceCommand(Guid, Int32)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** and **namespaceIndex** specified.

C#

```
protected OpcNodeServiceCommand(Guid nodeId, int namespaceIndex)
```

Parameters

nodeId Guid

The general unique identifier (= GUID) of the node on which the service, who will execute this command, will operate.

namespaceIndex Int32

The index of the namespace within that the node with the **nodeId** specified can be located.

OpcNodeServiceCommand(Guid, OpcNamespace)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** and **nodeNamespace** specified.

C#

```
protected OpcNodeServiceCommand(Guid nodeId, OpcNamespace nodeNamespace)
```

Parameters

nodeId Guid

The general unique identifier (= GUID) of the node on which the service, who will execute this command, will operate.

nodeNamespace OpcNamespace

The namespace within that the node with the **nodeId** specified can be located.

OpcNodeServiceCommand(Int32)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** specified.

C#

```
protected OpcNodeServiceCommand(int nodeId)
```

Parameters

nodeId Int32

The numeric node identifier of the node on which the service, who will execute this command, will operate.

OpcNodeServiceCommand(Int32, Int32)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** and **namespaceIndex** specified.

C#

```
protected OpcNodeServiceCommand(int nodeId, int namespaceIndex)
```

Parameters

nodeId Int32

The numeric node identifier of the node on which the service, who will execute this command, will operate.

namespaceIndex Int32

The index of the namespace within that the node with the **nodeId** specified can be located.

OpcNodeServiceCommand(Int32, OpcNamespace)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** and **nodeNamespace** specified.

C#

```
protected OpcNodeServiceCommand(int nodeId, OpcNamespace nodeNamespace)
```

Parameters

nodeId [Int32](#)

The numeric node identifier of the node on which the service, who will execute this command, will operate.

nodeNamespace [OpcNamespace](#)

The namespace within that the node with the **nodeId** specified can be located.

OpcNodeServiceCommand(OpcNodeId)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** specified.

C#

```
protected OpcNodeServiceCommand(OpcNodeId nodeId)
```

Parameters

nodeId [OpcNodeId](#)

The [OpcNodeId](#) of the node on which the service, who will execute this command, will operate.

Exceptions

[ArgumentException](#)

The command does not support empty node identifiers.

[ArgumentNullException](#)

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

OpcNodeServiceCommand(String)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** specified.

C#

```
protected OpcNodeServiceCommand(string nodeId)
```

Parameters

nodeId [String](#)

The textual node identifier of the node on which the service, who will execute this command, will operate.

OpcNodeServiceCommand(String, Int32)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** and **namespaceIndex** specified.

C#

```
protected OpcNodeServiceCommand(string nodeId, int namespaceIndex)
```

Parameters

nodeId String

The textual node identifier of the node on which the service, who will execute this command, will operate.

namespaceIndex Int32

The index of the namespace within that the node with the **nodeId** specified can be located.

OpcNodeServiceCommand(String, OpcNamespace)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** and **nodeNamespace** specified.

C#

```
protected OpcNodeServiceCommand(string nodeId, OpcNamespace nodeNamespace)
```

Parameters

nodeId String

The textual node identifier of the node on which the service, who will execute this command, will operate.

nodeNamespace OpcNamespace

The namespace within that the node with the **nodeId** specified can be located.

OpcNodeServiceCommand(UInt32)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** specified.

C#

```
protected OpcNodeServiceCommand(uint nodeId)
```

Parameters

nodeId UInt32

The numeric node identifier of the node on which the service, who will execute this command, will operate.

OpcNodeServiceCommand(UInt32, Int32)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** and **namespaceIndex** specified.

C#

```
protected OpcNodeServiceCommand(uint nodeId, int namespaceIndex)
```

Parameters

nodeId UInt32

The numeric node identifier of the node on which the service, who will execute this command, will operate.

namespaceIndex Int32

The index of the namespace within that the node with the **nodeId** specified can be located.

OpcNodeServiceCommand(UInt32, OpcNamespace)

Initializes a new instance of the [OpcNodeServiceCommand](#) class using the **nodeId** and **nodeNamespace** specified.

C#

```
protected OpcNodeServiceCommand(uint nodeId, OpcNamespace nodeNamespace)
```

Parameters

nodeId UInt32

The numeric node identifier of the node on which the service, who will execute this command, will operate.

nodeNamespace [OpcNamespace](#)

The namespace within that the node with the **nodeId** specified can be located.

Properties

NodeId

Gets the node identifier of the node on which a node orientated service have to operate on.

C#

```
public OpcNodeId NodeId { get; }
```

Property Value

[OpcNodeId](#)

An instance of the [OpcNodeId](#) class identifying the node on which a node orientated service have to operate on.

SupportsNullNodeId

Gets a value indicating whether the [OpcNodeServiceCommand](#) supports instances of the [OpcNodeId](#) class its [IsNull](#) provides a value equals to the value true.

C#

```
protected virtual bool SupportsNullNodeId { get; }
```

Property Value

Boolean

The value true in the case there the [OpcNodeId](#) instance of the command can be a null-node-id; otherwise the value false.

Remarks

In case there this property provides the value false and an instance of the [OpcNodeId](#) is passed to the constructor of this class an [ArgumentException](#) will be thrown.

Methods

DenyNullIdentifier(OpcNodeId, String)

Verifies whether the [value](#) is a null identifier by checking the [IsNull](#) property.

C#

```
protected void DenyNullIdentifier(OpcNodeId value, string valueName)
```

Parameters

[value](#) [OpcNodeId](#)

The [OpcNodeId](#) to verify.

[valueName](#) [String](#)

The name of the [value](#) passed. This is used in case there [value](#) is a null identifier.

Exceptions

[ArgumentException](#)

The [IsNull](#) of [value](#) is equals true.

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