

OpcWriteNode Members

Namespace: Opc.UaFx

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

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

Constructors

OpcWriteNode(Int32, Int32, Object)

Initializes a new instance of the [OpcWriteNode](#) class using the specified [nodeId](#) and [namespaceIndex](#) to write the [value](#) to the [Value](#) attribute.

C#

```
public OpcWriteNode(int nodeId, int namespaceIndex, object value)
```

Parameters

[nodeId](#) [Int32](#)

The numeric node identifier of the node on which the service, who will execute this command, will operate on its [Value](#) attribute.

[namespaceIndex](#) [Int32](#)

The index of the namespace within that the node with the [nodeId](#) specified can be located.

[value](#) [Object](#)

The data to write to the [Value](#) attribute.

OpcWriteNode(Int32, Int32, OpcAttribute, Object)

Initializes a new instance of the [OpcWriteNode](#) class using the specified [nodeId](#) and [namespaceIndex](#) to write the [value](#) to the [attribute](#).

C#

```
public OpcWriteNode(int nodeId, int namespaceIndex, OpcAttribute attribute, object value)
```

Parameters

[nodeId](#) [Int32](#)

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

[namespaceIndex](#) [Int32](#)

The index of the namespace within that the node with the [nodeId](#) specified can be located.

attribute [OpcAttribute](#)

One of the members defined by the [OpcAttribute](#) enumeration that defines which node attribute is to be used by the service.

value [Object](#)

The data to write to the **attribute**.

OpcWriteNode(Int32, Object)

Initializes a new instance of the [OpcWriteNode](#) class using the specified **nodeId** to write the **value** to the [Value](#) attribute.

C#

```
public OpcWriteNode(int nodeId, object value)
```

Parameters

nodeId [Int32](#)

The numeric node identifier of the node on which the service, who will execute this command, will operate on its [Value](#) attribute.

value [Object](#)

The data to write to the [Value](#) attribute.

OpcWriteNode(Int32, OpcAttribute, Object)

Initializes a new instance of the [OpcWriteNode](#) class using the specified **nodeId** to write the **value** to the **attribute**.

C#

```
public OpcWriteNode(int nodeId, OpcAttribute attribute, object value)
```

Parameters

nodeId [Int32](#)

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

attribute [OpcAttribute](#)

One of the members defined by the [OpcAttribute](#) enumeration that defines which node attribute is to be used by the service.

value [Object](#)

The data to write to the **attribute**.

OpcWriteNode(OpcNodeId, Object)

Initializes a new instance of the [OpcWriteNode](#) class using the specified [nodeId](#) to write the [value](#) to the [Value](#) attribute.

C#

```
public OpcWriteNode(OpcNodeId nodeId, object value)
```

Parameters

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

The [OpcNodeId](#) of the node on which the service will write the [value](#) to the [Value](#) attribute.

[value](#) [Object](#)

The data to write to the [Value](#) attribute.

Exceptions

[ArgumentException](#)

The command does not support empty node identifiers.

[ArgumentNullException](#)

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

OpcWriteNode(OpcNodeId, OpcAttribute, Object)

Initializes a new instance of the [OpcWriteNode](#) class using the specified [nodeId](#) to write the [value](#) to the [attribute](#).

C#

```
public OpcWriteNode(OpcNodeId nodeId, OpcAttribute attribute, object value)
```

Parameters

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

The [OpcNodeId](#) of the node on which the service will write the [value](#) to the [attribute](#).

[attribute](#) [OpcAttribute](#)

One of the members defined by the [OpcAttribute](#) enumeration that defines which node attribute is to be used by the service.

[value](#) [Object](#)

The data to write to the [attribute](#).

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

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

OpcWriteNode(String, Int32, Object)

Initializes a new instance of the `OpcWriteNode` class using the specified `nodeId` and `namespaceIndex` to write the `value` to the `Value` attribute.

C#

```
public OpcWriteNode(string nodeId, int namespaceIndex, object value)
```

Parameters

`nodeId` String

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

`namespaceIndex` Int32

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

`value` Object

The data to write to the `Value` attribute.

OpcWriteNode(String, Int32, OpcAttribute, Object)

Initializes a new instance of the `OpcWriteNode` class using the specified `nodeId` and `namespaceIndex` to write the `value` to the `attribute`.

C#

```
public OpcWriteNode(string nodeId, int namespaceIndex, OpcAttribute attribute, object value)
```

Parameters

`nodeId` String

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

`namespaceIndex` Int32

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

`attribute` OpcAttribute

One of the members defined by the `OpcAttribute` enumeration that defines which node attribute is to be

used by the service.

value Object

The data to write to the **attribute**.

OpcWriteNode(String, Object)

Initializes a new instance of the **OpcWriteNode** class using the specified **nodeId** to write the **value** to the **Value** attribute.

C#

```
public OpcWriteNode(string nodeId, object value)
```

Parameters

nodeId String

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

value Object

The data to write to the **Value** attribute.

OpcWriteNode(String, OpcAttribute, Object)

Initializes a new instance of the **OpcWriteNode** class using the specified **nodeId** to write the **value** to the **attribute**.

C#

```
public OpcWriteNode(string nodeId, OpcAttribute attribute, object value)
```

Parameters

nodeId String

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

attribute OpcAttribute

One of the members defined by the **OpcAttribute** enumeration that defines which node attribute is to be used by the service.

value Object

The data to write to the **attribute**.

Properties

Value

Gets the data which is to be written by the service to a specific attribute of a specific node.

C#

```
public OpcValue Value { get; }
```

Property Value

OpcValue

The [OpcValue](#) representing the container for the non-[OpcValue](#) data used to initialize this command; otherwise the [OpcValue](#) to write.

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