

OpcNodeAttributeServiceCommand Class

Namespace: Opc.UaFx.Services

Assemblies: Opc.UaFx.Advanced.dll

Provides an abstract base class for node attribute orientated OPC UA services which at least require the [OpcNodeId](#) of a specific node and one of the members defined by the [OpcAttribute](#) enumeration of the node attribute to operate on.

C#

```
public abstract class OpcNodeAttributeServiceCommand : OpcNodeServiceCommand
```

Inheritance [Object](#) > [OpcServiceCommand](#) > [OpcNodeServiceCommand](#) > [OpcNodeAttributeServiceCommand](#)

Derived

- [OpcSubscribeNode](#)
- [OpcReadNode](#)
- [OpcTranslatePath](#)
- [OpcWriteNode](#)

Constructors

Name	Description
OpcNodeAttributeServiceCommand(Byte)	Initializes a new instance of the OpcNodeAttributeServiceCommand class using the nodeId specified to operate on the Value attribute.
OpcNodeAttributeServiceCommand(Byte, Int32)	Initializes a new instance of the OpcNodeAttributeServiceCommand class using the nodeId and namespaceIndex specified to operate on the Value attribute.
OpcNodeAttributeServiceCommand(Byte, Int32, OpcAttribute)	Initializes a new instance of the OpcNodeAttributeServiceCommand class using the nodeId and namespaceIndex specified to operate on the attribute .
OpcNodeAttributeServiceCommand(Byte, OpcAttribute)	Initializes a new instance of the OpcNodeAttributeServiceCommand class using the nodeId specified to operate on the attribute defined.
OpcNodeAttributeServiceCommand(Guid)	Initializes a new instance of the OpcNodeAttributeServiceCommand class using the nodeId specified to operate on the Value attribute.
OpcNodeAttributeServiceCommand(Guid, Int32)	Initializes a new instance of the OpcNodeAttributeServiceCommand class using the nodeId and namespaceIndex specified to operate on the Value attribute.

Name	Description
<code>OpcNodeAttributeServiceCommand(Guid, Int32, OpcAttribute)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> and <code>namespaceIndex</code> specified to operate on the <code>attribute</code> .
<code>OpcNodeAttributeServiceCommand(Guid, OpcAttribute)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> specified to operate on the <code>attribute</code> defined.
<code>OpcNodeAttributeServiceCommand(Int32)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> specified to operate on the <code>Value</code> attribute.
<code>OpcNodeAttributeServiceCommand(Int32, Int32)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> and <code>namespaceIndex</code> specified to operate on the <code>Value</code> attribute.
<code>OpcNodeAttributeServiceCommand(Int32, Int32, OpcAttribute)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> and <code>namespaceIndex</code> specified to operate on the <code>attribute</code> .
<code>OpcNodeAttributeServiceCommand(Int32, OpcAttribute)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> specified to operate on the <code>attribute</code> defined.
<code>OpcNodeAttributeServiceCommand(OpcNodeId)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> specified to operate on the <code>Value</code> attribute.
<code>OpcNodeAttributeServiceCommand(OpcNodeId, OpcAttribute)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> specified to operate on the <code>attribute</code> defined.
<code>OpcNodeAttributeServiceCommand(String)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> specified to operate on the <code>Value</code> attribute.
<code>OpcNodeAttributeServiceCommand(String, Int32)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> and <code>namespaceIndex</code> specified to operate on the <code>Value</code> attribute.
<code>OpcNodeAttributeServiceCommand(String, Int32, OpcAttribute)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> and <code>namespaceIndex</code> specified to operate on the <code>attribute</code> .
<code>OpcNodeAttributeServiceCommand(String, OpcAttribute)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> specified to operate on the <code>attribute</code> defined.
<code>OpcNodeAttributeServiceCommand(UInt32)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> specified to operate on the <code>Value</code> attribute.
<code>OpcNodeAttributeServiceCommand(UInt32, Int32)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> and <code>namespaceIndex</code> specified to operate on the <code>Value</code> attribute.

Name	Description
<code>OpcNodeAttributeServiceCommand(UInt32, Int32, OpcAttribute)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> and <code>namespaceIndex</code> specified to operate on the <code>attribute</code> .
<code>OpcNodeAttributeServiceCommand(UInt32, OpcAttribute)</code>	Initializes a new instance of the <code>OpcNodeAttributeServiceCommand</code> class using the <code>nodeId</code> specified to operate on the <code>attribute</code> defined.

Properties

Name	Description
<code>Attribute</code>	Gets the <code>OpcAttribute</code> used to setup this command and which is used by the node attribute orientated service to operate on the node identified by the <code>NodeId</code> .
<code>NodeId</code>	Gets the node identifier of the node on which a node orientated service have to operate on. (Inherited from <code>OpcNodeServiceCommand</code>)
<code>SupportsNullNodeId</code>	Gets a value indicating whether the <code>OpcNodeServiceCommand</code> supports instances of the <code>OpcNodeId</code> class its <code>IsNull</code> provides a value equals to the value true. (Inherited from <code>OpcNodeServiceCommand</code>)

Methods

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

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