OpcSubscribeNode Class

Namespace: Opc.UaFx.Client
Assemblies: Opc.UaFx.Advanced.dll

Represents a single OPC UA service command which addresses the 'CreateSubscription' service to define a single monitored item of a subscription using the setup represented.

C#

```
public class OpcSubscribeNode : OpcNodeAttributeServiceCommand
```

Inheritance Object › OpcServiceCommand › OpcNodeServiceCommand › OpcNodeAttributeServiceCommand › OpcSubscribeNode

Derived

- OpcSubscribeDataChange
- OpcSubscribeEvent

Constructors

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

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

Name	Description
OpcSubscribeNode(OpcNodeId, OpcMonitoringFilter)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.
OpcSubscribeNode(String)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.
OpcSubscribeNode(String, Int32)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.
OpcSubscribeNode(String, Int32, OpcAttribute)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.
OpcSubscribeNode(String, Int32, OpcAttribute, OpcMonitoringFilter)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.
OpcSubscribeNode(String, Int32, OpcMonitoringFilter)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.
OpcSubscribeNode(String, OpcAttribute)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.
OpcSubscribeNode(String, OpcAttribute, OpcMonitoringFilter)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.
OpcSubscribeNode(String, OpcMonitoringFilter)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.
OpcSubscribeNode(UInt32)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.
OpcSubscribeNode(UInt32, Int32)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.
OpcSubscribeNode(UInt32, Int32, OpcAttribute)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.
OpcSubscribeNode(UInt32, Int32, OpcAttribute, OpcMonitoringFilter)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.
OpcSubscribeNode(UInt32, Int32, OpcMonitoringFilter)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.
OpcSubscribeNode(UInt32, OpcAttribute)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.
OpcSubscribeNode(UInt32, OpcAttribute, OpcMonitoringFilter)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.
OpcSubscribeNode(UInt32, OpcMonitoringFilter)	Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

Properties

Name	Description
Attribute	Gets the OpcAttribute used to setup this command and which is used by the node attribute orientated service to operate on the node identified by the NodeId. (Inherited from OpcNodeAttributeServiceCommand)
Filter	Gets the OpcMonitoringFilter to be used by the server's subscription to - which the monitored item belongs - to filter the monitored data before it is reported to the client, which owns the monitored item described by this OpcSubscribeNode command.
NodeId	Gets the node identifier of the node on which a node orientated service have to operate on. (Inherited from OpcNodeServiceCommand)
SupportsNullNodeId	Gets a value indicating whether the OpcNodeServiceCommand supports instances of the OpcNodeId class its IsNull provides a value equals to the value true. (Inherited from OpcNodeServiceCommand)

Methods

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

Table of Contents

Constructors 1
Properties 4
Methods 4