

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 Nodeld . (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. |
| Nodeld | Gets the node identifier of the node on which a node orientated service have to operate on. (Inherited from OpcNodeServiceCommand) |
| SupportsNullNodeld | Gets a value indicating whether the OpcNodeServiceCommand supports instances of the OpcNodeld class its IsNull provides a value equals to the value true. (Inherited from OpcNodeServiceCommand) |

Methods

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

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