

OpcSubscribeEvent 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 to monitor events through a subscription using the setup represented.

C#

```
public class OpcSubscribeEvent : OpcSubscribeNode
```

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

Constructors

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

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

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

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> . (Inherited from <code>OpcNodeAttributeServiceCommand</code>)

Name	Description
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. (Inherited from OpcSubscribeNode)
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	3
Methods	4

