OpcSubscribeNode Members

Namespace: Opc.UaFx.Client
Assemblies: Opc.UaFx.Advanced.dll, Opc.UaFx.Advanced.dll
The OpcSubscribeNode type exposes the following members.

Constructors

OpcSubscribeNode(Byte[])

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(byte[] nodeId)
```

Parameters

`nodeId` Byte[]

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

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Byte[], Int32)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(byte[] nodeId, int namespaceIndex)
```

Parameters

`nodeId` Byte[]

The opaque 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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Byte[], Int32, OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.

C#

```
public OpcSubscribeNode(byte[] nodeId, int namespaceIndex, OpcAttribute attribute)
```

Parameters

`nodeId` Byte[]

The opaque 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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Byte[], Int32, OpcAttribute, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.

C#

```
public OpcSubscribeNode(byte[] nodeId, int namespaceIndex, OpcAttribute attribute,
OpcMonitoringFilter filter)
```

Parameters

`nodeId` Byte[]

The opaque 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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Byte[], Int32, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(byte[] nodeId, int namespaceIndex, OpcMonitoringFilter filter)
```

Parameters

`nodeId` Byte[]

The opaque 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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Byte[], OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(byte[] nodeId, OpcAttribute attribute)
```

Parameters

`nodeId` Byte[]

The opaque 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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Byte[], OpcAttribute, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(byte[] nodeId, OpcAttribute attribute, OpcMonitoringFilter filter)
```

Parameters

`nodeId` Byte[]

The opaque 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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Byte[], OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(byte[] nodeId, OpcMonitoringFilter filter)
```

Parameters

`nodeId` Byte[]

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

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Guid)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(Guid nodeId)
```

Parameters

`nodeId` Guid

The general unique identifier (= GUID) of the node on which the service, who will execute this command, will operate on its Value attribute.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Guid, Int32)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(Guid nodeId, int namespaceIndex)
```

Parameters

`nodeId` Guid

The general unique identifier (= GUID) 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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Guid, Int32, OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.

C#

```
public OpcSubscribeNode(Guid nodeId, int namespaceIndex, OpcAttribute attribute)
```

Parameters

`nodeId` Guid

The general unique identifier (= GUID) 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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Guid, Int32, OpcAttribute, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.

C#

```
public OpcSubscribeNode(Guid nodeId, int namespaceIndex, OpcAttribute attribute,
OpcMonitoringFilter filter)
```

Parameters

`nodeId` Guid

The general unique identifier (= GUID) 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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Guid, Int32, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(Guid nodeId, int namespaceIndex, OpcMonitoringFilter filter)
```

Parameters

`nodeId` Guid

The general unique identifier (= GUID) 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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Guid, OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(Guid nodeId, OpcAttribute attribute)
```

Parameters

`nodeId` Guid

The general unique identifier (= GUID) 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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Guid, OpcAttribute,

OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(Guid nodeId, OpcAttribute attribute, OpcMonitoringFilter filter)
```

Parameters

`nodeId` Guid

The general unique identifier (= GUID) 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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Guid, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(Guid nodeId, OpcMonitoringFilter filter)
```

Parameters

`nodeId` Guid

The general unique identifier (= GUID) of the node on which the service, who will execute this command, will operate on its Value attribute.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Int32)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(int nodeId)
```

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Int32, Int32)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(int nodeId, int namespaceIndex)
```

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Int32, Int32, OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.

C#

```
public OpcSubscribeNode(int nodeId, int namespaceIndex, OpcAttribute attribute)
```

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Int32, Int32, OpcAttribute, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.

C#

```
public OpcSubscribeNode(int nodeId, int namespaceIndex, OpcAttribute attribute,
OpcMonitoringFilter filter)
```

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Int32, Int32, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(int nodeId, int namespaceIndex, OpcMonitoringFilter filter)
```

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Int32, OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the

`attribute` defined.

C#

```
public OpcSubscribeNode(int nodeId, OpcAttribute attribute)
```

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Int32, OpcAttribute, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(int nodeId, OpcAttribute attribute, OpcMonitoringFilter filter)
```

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(Int32, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(int nodeId, OpcMonitoringFilter filter)
```

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(OpcNodeId)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(OpcNodeId nodeId)
```

Parameters

`nodeId` OpcNodeId

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

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

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

OpcSubscribeNode(OpcNodeId, OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(OpcNodeId nodeId, OpcAttribute attribute)
```

Parameters

`nodeId` OpcNodeId

The OpcNodeId 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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

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

OpcSubscribeNode(OpcNodeId, OpcAttribute, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(OpcNodeId nodeId, OpcAttribute attribute, OpcMonitoringFilter
filter)
```

Parameters

`nodeId` OpcNodeId

The OpcNodeId 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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

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

OpcSubscribeNode(OpcNodeId, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(OpcNodeId nodeId, OpcMonitoringFilter filter)
```

Parameters

`nodeId` OpcNodeId

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

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

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

OpcSubscribeNode(String)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(string nodeId)
```

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(String, Int32)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(string nodeId, int namespaceIndex)
```

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(String, Int32, OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.

C#

```
public OpcSubscribeNode(string nodeId, int namespaceIndex, OpcAttribute attribute)
```

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(String, Int32, OpcAttribute, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.

C#

```
public OpcSubscribeNode(string nodeId, int namespaceIndex, OpcAttribute attribute,
OpcMonitoringFilter filter)
```

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(String, Int32, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(string nodeId, int namespaceIndex, OpcMonitoringFilter filter)
```

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(String, OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(string nodeId, OpcAttribute attribute)
```

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(String, OpcAttribute, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(string nodeId, OpcAttribute attribute, OpcMonitoringFilter filter)
```

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(String, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the

Value attribute.

C#

```
public OpcSubscribeNode(string nodeId, OpcMonitoringFilter filter)
```

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(UInt32)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(uint nodeId)
```

Parameters

`nodeId` UInt32

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

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(UInt32, Int32)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(uint nodeId, int namespaceIndex)
```

Parameters

`nodeId` UInt32

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(UInt32, Int32, OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.

C#

```
public OpcSubscribeNode(uint nodeId, int namespaceIndex, OpcAttribute attribute)
```

Parameters

`nodeId` UInt32

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(UInt32, Int32, OpcAttribute,

OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the `attribute`.

C#

```
public OpcSubscribeNode(uint nodeId, int namespaceIndex, OpcAttribute attribute,
OpcMonitoringFilter filter)
```

Parameters

`nodeId` UInt32

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(UInt32, Int32, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` and `namespaceIndex` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(uint nodeId, int namespaceIndex, OpcMonitoringFilter filter)
```

Parameters

`nodeId` UInt32

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(UInt32, OpcAttribute)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(uint nodeId, OpcAttribute attribute)
```

Parameters

`nodeId` UInt32

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.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(UInt32, OpcAttribute, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the `attribute` defined.

C#

```
public OpcSubscribeNode(uint nodeId, OpcAttribute attribute, OpcMonitoringFilter filter)
```

Parameters

`nodeId` UInt32

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.

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

OpcSubscribeNode(UInt32, OpcMonitoringFilter)

Initializes a new instance of the OpcSubscribeNode class using the `nodeId` specified to operate on the Value attribute.

C#

```
public OpcSubscribeNode(uint nodeId, OpcMonitoringFilter filter)
```

Parameters

`nodeId` UInt32

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

`filter` OpcMonitoringFilter

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 the OpcSubscribeNode command.

Exceptions

ArgumentException

The command does not support empty node identifiers.

Properties

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.

C#

```
public OpcMonitoringFilter Filter { get; }
```

Property Value

OpcMonitoringFilter

An instance of the OpcMonitoringFilter if specified; otherwise a null reference (Nothing in Visual Basic).

Table of Contents