

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).

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