OpcNodeAttributeServiceCommand Members

Namespace: Opc.UaFx.Services
Assemblies: Opc.UaFx.Advanced.dll, Opc.UaFx.Advanced.dll
The OpcNodeAttributeServiceCommand type exposes the following members.

Constructors

OpcNodeAttributeServiceCommand(Byte[])

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Byte[], Int32)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Byte[], Int32, OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Byte[], OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Guid)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Guid, Int32)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Guid, Int32, OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Guid, OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Int32)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Int32, Int32)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Int32, Int32, OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(Int32, OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(OpcNodeId)

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

C#

```
protected OpcNodeAttributeServiceCommand(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).

OpcNodeAttributeServiceCommand(OpcNodeId, OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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).

OpcNodeAttributeServiceCommand(String)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(String, Int32)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(String, Int32, OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(String, OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(UInt32)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(UInt32, Int32)

Initializes a new instance of the OpcNodeAttributeServiceCommand class using the `nodeId` and

`namespaceIndex` specified to operate on the Value attribute.

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(UInt32, Int32, OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

OpcNodeAttributeServiceCommand(UInt32, OpcAttribute)

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

C#

```
protected OpcNodeAttributeServiceCommand(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.

Properties

Attribute

Gets the OpcAttribute used to setup this command and which is used by the node attribute orientated service to operate on the node identified by the NodeId.

C#

```
public OpcAttribute Attribute { get; }
```

Property Value

OpcAttribute

One of the members defined by the OpcAttribute enumeration.

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