

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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