

OpcReadNode Members

Namespace: Opc.UaFx

Assemblies: Opc.UaFx.Advanced.dll, Opc.UaFx.Advanced.dll

The [OpcReadNode](#) type exposes the following members.

Constructors

OpcReadNode(Int32)

Initializes a new instance of the [OpcReadNode](#) class using the specified [nodeId](#) to read the [Value](#) attribute.

C#

```
public OpcReadNode(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.

OpcReadNode(Int32, Int32)

Initializes a new instance of the [OpcReadNode](#) class using the specified [nodeId](#) and [namespaceIndex](#) to read the [Value](#) attribute.

C#

```
public OpcReadNode(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.

OpcReadNode(Int32, Int32, OpcAttribute)

Initializes a new instance of the [OpcReadNode](#) class using the specified [nodeId](#) and [namespaceIndex](#) to read the [attribute](#).

C#

```
public OpcReadNode(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.

OpcReadNode(Int32, OpcAttribute)

Initializes a new instance of the [OpcReadNode](#) class using the specified **nodeId** to read the **attribute**.

C#

```
public OpcReadNode(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.

OpcReadNode(OpcNodeId)

Initializes a new instance of the [OpcReadNode](#) class using the specified **nodeId** to read the [Value](#) attribute.

C#

```
public OpcReadNode(OpcNodeId nodeId)
```

Parameters

nodeId [OpcNodeId](#)

The [OpcNodeId](#) of the node on which the service will read the [Value](#) attribute.

Exceptions

ArgumentException

The command does not support empty node identifiers.

ArgumentNullException

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

OpcReadNode(OpcNodeId, OpcAttribute)

Initializes a new instance of the `OpcReadNode` class using the specified `nodeId` to read the `attribute`.

C#

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

Parameters

`nodeId` `OpcNodeId`

The `OpcNodeId` of the node on which the service will read the `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).

OpcReadNode(String)

Initializes a new instance of the `OpcReadNode` class using the specified `nodeId` to read the `Value` attribute.

C#

```
public OpcReadNode(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.

OpcReadNode(String, Int32)

Initializes a new instance of the [OpcReadNode](#) class using the specified [nodeId](#) and [namespaceIndex](#) to read the [Value](#) attribute.

C#

```
public OpcReadNode(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.

OpcReadNode(String, Int32, OpcAttribute)

Initializes a new instance of the [OpcReadNode](#) class using the specified [nodeId](#) and [namespaceIndex](#) to read the [attribute](#).

C#

```
public OpcReadNode(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.

OpcReadNode(String, OpcAttribute)

Initializes a new instance of the [OpcReadNode](#) class using the specified [nodeId](#) to read the [attribute](#).

C#

```
public OpcReadNode(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.

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