

OpcTextVariableNode Members

Namespace: Opc.UaFx

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

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

Constructors

OpcTextVariableNode(IOpcNode, OpcName)

Initializes a new instance of the [OpcTextVariableNode](#) class accessible by the **name** specified as a child node of the **parent** node given.

C#

```
public OpcTextVariableNode(IOpcNode parent, OpcName name)
```

Parameters

parent [IOpcNode](#)

The [IOpcNode](#) used as the parent node or a null reference (Nothing in Visual Basic) in the case there is no parent node available.

name [OpcName](#)

The [OpcName](#) through that the new text variable node can be accessed.

OpcTextVariableNode(IOpcNode, OpcName, OpcNodeId)

Initializes a new instance of the [OpcTextVariableNode](#) class accessible by the **name** and **id** specified as a child node of the **parent** node given.

C#

```
public OpcTextVariableNode(IOpcNode parent, OpcName name, OpcNodeId id)
```

Parameters

parent [IOpcNode](#)

The [IOpcNode](#) used as the parent node or a null reference (Nothing in Visual Basic) in the case there is no parent node available.

name [OpcName](#)

The [OpcName](#) through that the new text variable node can be accessed.

id [OpcNodeId](#)

The [OpcNodeId](#) through that the new text variable node can be identified and accessed.

OpcTextVariableNode(IOpcNode, OpcName, OpcNodeId, OpcText)

Initializes a new instance of the [OpcTextVariableNode](#) class accessible by the [name](#) and [id](#) specified with the initial value defined by [value](#) as a child node of the [parent](#) node given.

C#

```
public OpcTextVariableNode(IOpcNode parent, OpcName name, OpcNodeId id, OpcText value)
```

Parameters

[parent](#) [IOpcNode](#)

The [IOpcNode](#) used as the parent node or a null reference (Nothing in Visual Basic) in the case there is no parent node available.

[name](#) [OpcName](#)

The [OpcName](#) through that the new text variable node can be accessed.

[id](#) [OpcNodeId](#)

The [OpcNodeId](#) through that the new text variable node can be identified and accessed.

[value](#) [OpcText](#)

The initial value of the new text variable node.

OpcTextVariableNode(IOpcNode, OpcName, OpcText)

Initializes a new instance of the [OpcTextVariableNode](#) class accessible by the [name](#) specified with the initial value defined by [value](#) as a child node of the [parent](#) node given.

C#

```
public OpcTextVariableNode(IOpcNode parent, OpcName name, OpcText value)
```

Parameters

[parent](#) [IOpcNode](#)

The [IOpcNode](#) used as the parent node or a null reference (Nothing in Visual Basic) in the case there is no parent node available.

[name](#) [OpcName](#)

The [OpcName](#) through that the new text variable node can be accessed.

[value](#) [OpcText](#)

The initial value of the new text variable node.

OpcTextVariableNode(OpcName)

Initializes a new instance of the [OpcTextVariableNode](#) class accessible by the **name** specified.

C#

```
public OpcTextVariableNode(OpcName name)
```

Parameters

name [OpcName](#)

The [OpcName](#) through that the new text variable node can be accessed.

OpcTextVariableNode(OpcName, OpcNodeId)

Initializes a new instance of the [OpcTextVariableNode](#) class accessible by the **name** and **id** specified.

C#

```
public OpcTextVariableNode(OpcName name, OpcNodeId id)
```

Parameters

name [OpcName](#)

The [OpcName](#) through that the new text variable node can be accessed.

id [OpcNodeId](#)

The [OpcNodeId](#) through that the new text variable node can be identified and accessed.

OpcTextVariableNode(OpcName, OpcNodeId, OpcText)

Initializes a new instance of the [OpcTextVariableNode](#) class accessible by the **name** and **id** specified with the initial value given by **value**.

C#

```
public OpcTextVariableNode(OpcName name, OpcNodeId id, OpcText value)
```

Parameters

name [OpcName](#)

The [OpcName](#) through that the new text variable node can be accessed.

id [OpcNodeId](#)

The [OpcNodeId](#) through that the new text variable node can be identified and accessed.

value [OpcText](#)

The initial value of the new text variable node.

OpcTextVariableNode(OpcName, OpcText)

Initializes a new instance of the [OpcTextVariableNode](#) class accessible by the [name](#) specified with the initial value given by [value](#).

C#

```
public OpcTextVariableNode(OpcName name, OpcText value)
```

Parameters

[name](#) [OpcName](#)

The [OpcName](#) through that the new text variable node can be accessed.

[value](#) [OpcText](#)

The initial value of the new text variable node.

Properties

Value

Gets or sets the value of the text variable node.

C#

```
public OpcText Value { get; set; }
```

Property Value

[OpcText](#)

A [OpcText](#) representing the value of the text variable node. This can be also a null reference (Nothing in Visual Basic).

Methods

ReadTextValue(OpcReadVariableValueContext)

Reads the text variable node value using the [context](#) specified.

C#

```
public OpcText ReadTextValue(OpcReadVariableValueContext context)
```

Parameters

[context](#) [OpcReadVariableValueContext](#)

The [OpcReadVariableValueContext](#) to use to read the text variable node value.

Returns

OpcText

The [OpcText](#) variable node value associated with this node and read using the [context](#) specified. This can also be a null reference (Nothing in Visual Basic).

Exceptions

ArgumentNullException

The [context](#) is a null reference (Nothing in Visual Basic).

WriteTextValue(OpcWriteVariableValueContext, OpcText)

Writes the [value](#) to the text variable node value using the [context](#) specified.

C#

```
public void WriteTextValue(OpcWriteVariableValueContext context, OpcText value)
```

Parameters

[context](#) [OpcWriteVariableValueContext](#)

The [OpcWriteVariableValueContext](#) to use to write the text variable node [value](#) specified.

[value](#) [OpcText](#)

The [OpcText](#) to write to the text variable node value.

Exceptions

ArgumentNullException

The [context](#) is a null reference (Nothing in Visual Basic).

Table of Contents

Constructors	1
OpcTextVariableNode(IOpcNode, OpcName)	1
OpcTextVariableNode(IOpcNode, OpcName, OpcNodeId)	1
OpcTextVariableNode(IOpcNode, OpcName, OpcNodeId, OpcText)	2
OpcTextVariableNode(IOpcNode, OpcName, OpcText)	2
OpcTextVariableNode(OpcName)	3
OpcTextVariableNode(OpcName, OpcNodeId)	3
OpcTextVariableNode(OpcName, OpcNodeId, OpcText)	3
OpcTextVariableNode(OpcName, OpcText)	4
Properties	4
Value	4
Methods	4
ReadTextValue(OpcReadVariableValueContext)	4
WriteTextValue(OpcWriteVariableValueContext, OpcText)	5