

OpcStatusConditionVariableNode

Members

Namespace: Opc.UaFx

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

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

Constructors

OpcStatusConditionVariableNode(IOpcNode, OpcName)

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

C#

```
public OpcStatusConditionVariableNode(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 status condition variable node can be accessed.

OpcStatusConditionVariableNode(IOpcNode, OpcName, OpcNodeId)

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

C#

```
public OpcStatusConditionVariableNode(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 status condition variable node can be accessed.

id [OpcNodeId](#)

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

OpcStatusConditionVariableNode(IOpcNode, OpcName, OpcNodeId, OpcStatus)

Initializes a new instance of the [OpcStatusConditionVariableNode](#) 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 OpcStatusConditionVariableNode(IOpcNode parent, OpcName name, OpcNodeId id, OpcStatus 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 status condition variable node can be accessed.

id [OpcNodeId](#)

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

value [OpcStatus](#)

The initial value of the new status condition variable node.

OpcStatusConditionVariableNode(IOpcNode, OpcName, OpcStatus)

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

C#

```
public OpcStatusConditionVariableNode(IOpcNode parent, OpcName name, OpcStatus 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 status condition variable node can be accessed.

value **OpcStatus**

The initial value of the new status condition variable node.

OpcStatusConditionVariableNode(OpcName)

Initializes a new instance of the **OpcStatusConditionVariableNode** class accessible by the **name** specified.

C#

```
public OpcStatusConditionVariableNode(OpcName name)
```

Parameters

name **OpcName**

The **OpcName** through that the new status condition variable node can be accessed.

OpcStatusConditionVariableNode(OpcName, OpcNodeId)

Initializes a new instance of the **OpcStatusConditionVariableNode** class accessible by the **name** and **id** specified.

C#

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

Parameters

name **OpcName**

The **OpcName** through that the new status condition variable node can be accessed.

id **OpcNodeId**

The **OpcNodeId** through that the new status condition variable node can be identified and accessed.

OpcStatusConditionVariableNode(OpcName, OpcNodeId, OpcStatus)

Initializes a new instance of the **OpcStatusConditionVariableNode** class accessible by the **name** and **id** specified with the initial value given by **value**.

C#

```
public OpcStatusConditionVariableNode(OpcName name, OpcNodeId id, OpcStatus value)
```

Parameters

name **OpcName**

The **OpcName** through that the new status condition variable node can be accessed.

id `OpcNodeId`

The `OpcNodeId` through that the new status condition variable node can be identified and accessed.

value `OpcStatus`

The initial value of the new status condition variable node.

OpcStatusConditionVariableNode(OpcName, OpcStatus)

Initializes a new instance of the `OpcStatusConditionVariableNode` class accessible by the **name** specified with the initial value given by **value**.

C#

```
public OpcStatusConditionVariableNode(OpcName name, OpcStatus value)
```

Parameters

name `OpcName`

The `OpcName` through that the new status condition variable node can be accessed.

value `OpcStatus`

The initial value of the new status condition variable node.

Properties

Value

Gets or sets the value of the status condition variable node.

C#

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

Property Value

`OpcStatus`

A `OpcStatus` representing the value of the status condition variable node. This can be also a null reference (Nothing in Visual Basic).

Methods

ReadStatusValue(OpcReadVariableValueContext)

Reads the status condition variable node value using the **context** specified.

C#

```
public OpcStatus ReadStatusValue(OpcReadVariableValueContext context)
```

Parameters

context [OpcReadVariableValueContext](#)

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

Returns

[OpcStatus](#)

The [OpcStatus](#) status condition 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).

WriteStatusValue(OpcWriteVariableValueContext, OpcStatus)

Writes the **value** to the status condition variable node value using the **context** specified.

C#

```
public void WriteStatusValue(OpcWriteVariableValueContext context, OpcStatus value)
```

Parameters

context [OpcWriteVariableValueContext](#)

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

value [OpcStatus](#)

The [OpcStatus](#) to write to the status condition variable node value.

Exceptions

[ArgumentNullException](#)

The **context** is a null reference (Nothing in Visual Basic).

Table of Contents

Constructors	1
OpcStatusConditionVariableNode(IOpcNode, OpcName)	1
OpcStatusConditionVariableNode(IOpcNode, OpcName, OpcNodeId)	1
OpcStatusConditionVariableNode(IOpcNode, OpcName, OpcNodeId, OpcStatus)	2
OpcStatusConditionVariableNode(IOpcNode, OpcName, OpcStatus)	2
OpcStatusConditionVariableNode(OpcName)	3
OpcStatusConditionVariableNode(OpcName, OpcNodeId)	3
OpcStatusConditionVariableNode(OpcName, OpcNodeId, OpcStatus)	3
OpcStatusConditionVariableNode(OpcName, OpcStatus)	4
Properties	4
Value	4
Methods	4
ReadStatusValue(OpcReadVariableValueContext)	4
WriteStatusValue(OpcWriteVariableValueContext, OpcStatus)	5