

OpcEventNodeView Members

Namespace: Opc.UaFx

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

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

Properties

Data

Gets the data associated with this view.

C#

```
public OpcEventDataSetItem Data { get; }
```

Property Value

[OpcEventDataSetItem](#)

The [OpcEventDataSetItem](#) containing the contents of this [OpcEventNodeView](#).

EventTypeId

Gets the node identifier identifying the type of 'Opc.UaFx.OpcEventNode' the [Data](#) belong to.

C#

```
public OpcNodeId EventTypeId { get; }
```

Property Value

[OpcNodeId](#)

An instance of the [OpcNodeId](#) in case there the [Filter](#) not includes type informaton a null reference (Nothing in Visual Basic).

Filter

Gets the [OpcEventFilter](#) used to gather the [Data](#).

C#

```
public OpcEventFilter Filter { get; }
```

Property Value

[OpcEventFilter](#)

The [OpcEventFilter](#) which defines the circumstances under which the [Data](#) has been charged.

Methods

Get<T>(OpcAttribute, OpcName)

Retrieves the value of the [attribute](#) of the element browsable through the [name](#) specified.

C#

```
public T Get<T>(OpcAttribute attribute, OpcName name)
```

Parameters

[attribute](#) [OpcAttribute](#)

One of the members defined by the [OpcAttribute](#) enumeration identifying the attribute value to query from the element specified by the [name](#).

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

The [OpcName](#) to use to browse to the element from that the requested [attribute](#) value is to be retrieved.

Returns

[T](#)

The [T](#) of the attribute of the element requested or the default value if the attribute value is not of the type specified by [T](#).

Get<T>(OpcAttribute, OpcName[])

Retrieves the value of the [attribute](#) of the element browsable through the [pathElements](#) specified.

C#

```
public T Get<T>(OpcAttribute attribute, params OpcName[] pathElements)
```

Parameters

[attribute](#) [OpcAttribute](#)

One of the members defined by the [OpcAttribute](#) enumeration identifying the attribute value to query from the element specified by the [pathElements](#).

[pathElements](#) [OpcName\[\]](#)

The [OpcName](#)'s to use to browse to the element from that the requested [attribute](#) value is to be retrieved.

Returns

T

The **T** of the attribute of the element requested or the default value if the attribute value is not of the type specified by **T**.

Exceptions

[ArgumentNullException](#)

One of the items in **pathElements** is a null reference (Nothing in Visual Basic).

Get<T>(OpcAttribute, OpcNamePath)

Retrieves the value of the **attribute** of the element browsable through the **path** specified.

C#

```
public T Get<T>(OpcAttribute attribute, OpcNamePath path)
```

Parameters

attribute [OpcAttribute](#)

One of the members defined by the [OpcAttribute](#) enumeration identifying the attribute value to query from the element specified by the **path**.

path [OpcNamePath](#)

The sequence [OpcName](#) instances to use to browse to the element from that the requested **attribute** value is to be retrieved.

Returns

T

The **T** of the attribute of the element requested or the default value if the attribute value is not of the type specified by **T**.

Exceptions

[ArgumentNullException](#)

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

Get<T>(OpcAttribute, String)

Retrieves the value of the **attribute** of the element browsable through the **name** specified.

C#

```
public T Get<T>(OpcAttribute attribute, string name = "")
```

Parameters

attribute [OpcAttribute](#)

One of the members defined by the [OpcAttribute](#) enumeration identifying the attribute value to query from the element specified by the **name**.

name [String](#)

The [String](#) formatted [OpcName](#) to use to browse to the element from that the requested **attribute** value is to be retrieved.

Returns

[T](#)

The [T](#) of the attribute of the element requested or the default value if the attribute value is not of the type specified by [T](#).

Get<T>(OpcName)

Retrieves the [Value](#) attribute of the element browsable through the **name** specified.

C#

```
public T Get<T>(OpcName name)
```

Parameters

name [OpcName](#)

The [OpcName](#) to use to browse to the element from that the requested [Value](#) attribute is to be retrieved.

Returns

[T](#)

The [T](#) of the attribute of the element requested or the default value if the attribute value is not of the type specified by [T](#).

Get<T>(String)

Retrieves the [Value](#) attribute of the element browsable through the **name** specified.

C#

```
public T Get<T>(string name = "")
```

Parameters

name [String](#)

The [String](#) formatted [OpcName](#) to use to browse to the element from that the requested [Value](#) attribute is

to be retrieved.

Returns

T

The T of the attribute of the element requested or the default value if the attribute value is not of the type specified by T.

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