

OpcMemberLength Members

Namespace: Opc.UaFx

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

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

Constructors

OpcMemberLength(Int64)

Initializes a new instance of the [OpcMemberLength](#) class which defines the total number of bytes or the number of instances of the type referenced by a member using the **value** specified. Using this constructor results in a [OpcMemberLength](#) which provides the length direct using the **value** as the length.

C#

```
public OpcMemberLength(long value)
```

Parameters

value [Int64](#)

The total number of bytes or the number of instances.

Exceptions

[ArgumentOutOfRangeException](#)

The **value** is less than 0 or greater than [MaxValue](#).

OpcMemberLength(String)

Initializes a new instance of the [OpcMemberLength](#) class which refers to the length member using its **name** specified. Using this constructor results in a [OpcMemberLength](#) which provides the length indirect using a different member using its **name**.

C#

```
public OpcMemberLength(string name)
```

Parameters

name [String](#)

The name of the length member its value indicates the number of bytes or the number of instances of the type referenced by the member.

Exceptions

ArgumentException

The **name** is equals **Empty**.

ArgumentNullException

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

Properties

Name

Gets the name of the length member its value indicates the number of bytes or the number of instances.

C#

```
public string Name { get; }
```

Property Value

String

The **String** which identifies the member its value indicates the length to use.

Value

Gets the total number of bytes or the number of instances.

C#

```
public long Value { get; }
```

Property Value

Int64

The total number of bytes or the number of instances or -1 if the length is to be determined using the length member referenced by **Name**.

Methods

ToString()

Returns a **String** representing the information used by the current **OpcMemberLength**.

C#

```
public override string ToString()
```

Returns

String

A [String](#) representing the current [OpcMemberLength](#).

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