

OpcDataTypeMemberLengthAttribute Class

Namespace: Opc.UaFx

Assemblies: Opc.UaFx.Advanced.dll

Declares a field or property of a custom data type, to that the member belongs on that this attribute is applied, with a variable or fixed length of the member within the stream of its custom data type. Use this attribute to explicitly declare a field or property with a variable or fixed length. The length within the stream of its custom data type is declared either using the number of instances (= fixed length) using the constructor [OpcDataTypeMemberLengthAttribute\(Int64\)](#) or using the value of a preceding member (= variable length) using the constructor [OpcDataTypeMemberLengthAttribute\(String\)](#).

C#

```
[AttributeUsage(AttributeTargets.Property | AttributeTargets.Field, AllowMultiple = false,
Inherited = false)]
public class OpcDataTypeMemberLengthAttribute : Attribute, _Attribute
```

Inheritance [Object](#) > [Attribute](#) > [OpcDataTypeMemberLengthAttribute](#)

Attributes [AttributeUsageAttribute](#)

Implements [InteropServices._Attribute](#)

Constructors

Name	Description
OpcDataTypeMemberLengthAttribute(Int64)	Initializes a new instance of the OpcDataTypeMemberLengthAttribute class which declares a field or property with a fixed length.
OpcDataTypeMemberLengthAttribute(String)	Initializes a new instance of the OpcDataTypeMemberLengthAttribute class which declares a field or property with a variable length controlled by the value of a preceding field or property which can be identified by the name specified.

Properties

Name	Description
Length	Gets the total number of instances within the stream of the custom data type of the member the attribute belongs to.
Name	Gets the name of the preceding member its value is to be evaluated to indicate the variable length of the member the attribute belongs to.

Methods

Name	Description
GetLength	Retrieves the OpcMemberLength defined by the OpcDataTypeMemberLengthAttribute .

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