

OpcDataTypeMemberAttribute Members

Namespace: Opc.UaFx

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

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

Constructors

OpcDataTypeMemberAttribute()

Initializes a new instance of the [OpcDataTypeMemberAttribute](#) class. Use this constructor in case you want to explicitly declare that the default [Type](#) and default [MemberInfo.Name](#) of a data type member is used.

C#

```
public OpcDataTypeMemberAttribute()
```

OpcDataTypeMemberAttribute(String)

Initializes a new instance of the [OpcDataTypeMemberAttribute](#) class using an alternative [name](#) specified for the member on that the [OpcDataTypeMemberAttribute](#) has been declared.

C#

```
public OpcDataTypeMemberAttribute(string name)
```

Parameters

[name](#) [String](#)

The alternative name to use for the member.

Exceptions

[ArgumentException](#)

The [name](#) is an empty string.

[ArgumentNullException](#)

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

Properties

Description

Gets or sets a human readable text that describes the member.

C#

```
public string Description { get; set; }
```

Property Value

[String](#)

A value which captures any semantic information that would help a human to understand what is contained in the member.

Name

Gets the alternative name to use for the member this attribute belongs to.

C#

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

Property Value

[String](#)

The alternative name to use for the member or a null reference (Nothing in Visual Basic) in case there is no alternative name for the member declared in its [MemberInfo.Name](#) shall be used.

Type

Gets or sets the alternative [Type](#) to use for the member this attribute belongs to. Keep in mind to declare only different types which implement [IConvertible](#) supporting the [Type](#) specified; otherwise declare the desired type directly instead of using this attribute.

C#

```
public Type Type { get; set; }
```

Property Value

[Type](#)

The [Type](#) to use for the member or a null reference (Nothing in Visual Basic) in case there is no alternative [Type](#) for the member declared and its [FieldInfo.FieldType](#) or [PropertyInfo.PropertyType](#) shall be used.

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