

PlcMemberAttribute Members

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll, IPS7LnkNet.Advanced.dll

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

Constructors

PlcMemberAttribute(PlcAddress)

Initializes a new instance of the [PlcMemberAttribute](#) class using the `address`.

C#

```
public PlcMemberAttribute(PlcAddress address)
```

Parameters

`address` [PlcAddress](#)

The [PlcAddress](#) to use for the member.

Exceptions

[ArgumentNullException](#)

The `address` is a null reference (Nothing in Visual Basic).

PlcMemberAttribute(String)

Initializes a new instance of the [PlcMemberAttribute](#) class using the specified `address`.

C#

```
public PlcMemberAttribute(string address)
```

Parameters

`address` [String](#)

The string representation of the PLC address to use for the member.

Exceptions

[FormatException](#)

The specified `address` is not a valid PLC address.

Properties

Address

Gets the address associated with the [PlcMember](#).

C#

```
public PlcAddress Address { get; }
```

Property Value

[PlcAddress](#)

The [PlcAddress](#) of the member to that the [PlcMemberAttribute](#) does belong.

CanRead

Gets or sets a value indicating whether the member can be read.

C#

```
public bool CanRead { get; set; }
```

Property Value

[Boolean](#)

The value true, if the member can be read; otherwise the value false.

CanWrite

Gets or sets a value indicating whether the member can be written to.

C#

```
public bool CanWrite { get; set; }
```

Property Value

[Boolean](#)

The value true, if the member can be written to; otherwise the value false.

Length

Gets or sets the maximum length of the value that can be assigned to the [PlcMember](#).

C#

```
public int Length { get; set; }
```

Property Value

Int32

The maximum length of the value that can be assigned to the member to that the [PlcMemberAttribute](#) does belong.

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