

PlcMember Class

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll

Provides an abstract base class to represent a member of a [PlcObject](#).

C#

```
public abstract class PlcMember : IPlcMemberInfo, IPlcRelocatable<IPlcMemberInfo>,
    IPlcRelocatable
```

Inheritance [Object](#) > PlcMember

Derived

- [PlcValueMember](#)

Implements [IPlcMemberInfo](#), [IPlcRelocatable<IPlcMemberInfo>](#), [IPlcRelocatable](#)

Constructors

Name	Description
PlcMember(PlcName, PlcType)	Initializes a new instance of the PlcMember class using the specified name and type .

Events

Name	Description
Changed	Occurs when the value of the member has changed.

Properties

Name	Description
CanRead	Gets or sets a value indicating whether the member can be read.
CanWrite	Gets or sets a value indicating whether the member can be written to.
Name	Gets the name of the member.
Tag	Gets or sets the object that contains additional user data about the member.
Type	Gets the PlcType of the member.

Methods

Name	Description
GetValue(PlcObject)	Retrieves the value of the member supported by the given instance .
GetValueCore(PlcObject)	When implemented in a derived class, retrieves the value of the member supported by the given instance .

Name	Description
HasValue(PlcObject)	Retrieves a value indicating whether the member supported by the given instance is associated with a value.
HasValueCore(PlcObject)	When implemented in a derived class, retrieves a value indicating whether the member supported by the given instance is associated with a value.
MakeAbsoluteMember(PlcIdentity)	Retrieves the PlcMember as an absolute addressable PLC member.
OnChanged(ValueChangedEventArgs)	Raises the Changed event.
RelocateCore(PlcAddress)	When implemented in a derived class, relocates the member to the address specified.
SetValue(PlcObject, Object)	Stores the value of the member supported by the given instance .
SetValueCore(PlcObject, Object)	When implemented in a derived class, stores the value of the member supported by the given instance .

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