PlcBooleanInfo Class

Namespace: IPS7Lnk.Advanced
Assemblies: IPS7LnkNet.Advanced.dll

Represents a Boolean value member (in PLC a BOOL) its value is interpreted as a boolean expression.

C#

```
public class PlcBooleanInfo : PlcValueInfo<bool>, IPlcValueInfo, IPlcMemberInfo,
IPlcRelocatable<IPlcMemberInfo>, IPlcRelocatable
```

Inheritance Object › PlcMemberInfo › PlcValueInfo<Boolean> › PlcBooleanInfo

Implements IPlcValueInfo, IPlcMemberInfo, IPlcRelocatable<IPlcMemberInfo>, IPlcRelocatable

Remarks

While a PLC value of this type represents a Boolean value, all PLC operations performed using this class are done using the Bit. A PLC developer knows a value of this type as BOOL.

Constructors

Name	Description
PlcBooleanInfo(PlcBooleanType, PlcName)	Initializes a new instance of the PlcBooleanInfo class using the specified `type` and `name`.
PlcBooleanInfo(PlcBooleanType, PlcName, Boolean)	Initializes a new instance of the PlcBooleanInfo class using the specified `type`, `name` and `initialValue`.
PlcBooleanInfo(PlcIdentity, PlcName)	Initializes a new instance of the PlcBooleanInfo class using the specified `identity` and `name`.
PlcBooleanInfo(PlcIdentity, PlcName, Boolean)	Initializes a new instance of the PlcBooleanInfo class using the specified `identity`, `name` and `initialValue`.
PlcBooleanInfo(PlcName)	Initializes a new instance of the PlcBooleanInfo class using the specified `name`
PlcBooleanInfo(PlcName, Boolean)	Initializes a new instance of the PlcBooleanInfo class using the specified `name` and `initialValue`.

Properties

Name	Description
Name	Gets the name of the member. (Inherited from PlcMemberInfo)
Type	Gets the PlcType of the member. (Inherited from PlcMemberInfo)

Methods

Name	Description
MakeAbsoluteMember(PlcIdentity)	Retrieves the PlcBooleanInfo as an absolute addressable PLC data member.
MakeAbsoluteMember(PlcIdentity)	When implemented in a derived class, retrieves the IPlcMemberInfo as an absolute addressable PLC data member. (Inherited from PlcMemberInfo)
Relocate(Int32)	Relocates the PlcMemberInfo using the specified offset. (Inherited from PlcMemberInfo)
Relocate(Int32, Int32)	Relocates the PlcMemberInfo using the specified offset. (Inherited from PlcMemberInfo)
Relocate(Int32, Int32, Int32)	Relocates the PlcMemberInfo using the specified offset. (Inherited from PlcMemberInfo)
Relocate(PlcAddress)	Relocates the PlcMemberInfo using the specified `address`. (Inherited from PlcMemberInfo)
RelocateCore(PlcType)	Relocates the member to the `type` specified.
RelocateCore(PlcType)	When implemented in a derived class, relocates the member to the `type` specified. (Inherited from PlcMemberInfo)
ToString	Retrieves the string representation of the PlcMemberInfo. (Inherited from PlcMemberInfo)

Table of Contents

Remarks 1
Constructors 1
Properties 1
Methods 2