

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)

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