PlcCharInfo Class

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

Represents a Char value member (in PLC a CHAR) its value defines a single character.

C#

```
public class PlcCharInfo : PlcValueInfo<char>, IPlcValueInfo, IPlcMemberInfo,
IPlcRelocatable<IPlcMemberInfo>, IPlcRelocatable
```

Inheritance Object › PlcMemberInfo › PlcValueInfo<Char> › PlcCharInfo

Implements IPlcValueInfo, IPlcMemberInfo, IPlcRelocatable<IPlcMemberInfo>, IPlcRelocatable

Remarks

A PLC value of this type will be directly used by all PLC operations performed through interpreting the Char as a Byte value using the Byte A PLC developer knows a value of this type as CHAR.

Constructors

Name	Description
PlcCharInfo(PlcCharType, PlcName)	Initializes a new instance of the PlcCharInfo class using the specified `type` and `name`.
PlcCharInfo(PlcCharType, PlcName, Char)	Initializes a new instance of the PlcCharInfo class using the specified `type`, `name` and `initialValue`.
PlcCharInfo(PlcIdentity, PlcName)	Initializes a new instance of the PlcCharInfo class using the specified `identity` and `name`.
PlcCharInfo(PlcIdentity, PlcName, Char)	Initializes a new instance of the PlcCharInfo class using the specified `identity`, `name` and `initialValue`.
PlcCharInfo(PlcName)	Initializes a new instance of the PlcCharInfo class using the specified `name`
PlcCharInfo(PlcName, Char)	Initializes a new instance of the PlcCharInfo 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 PlcCharInfo 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 PlcStringInfo.
ToString	Retrieves the string representation of the PlcMemberInfo. (Inherited from PlcMemberInfo)

Table of Contents

Remarks 1
Constructors 1
Properties 1
Methods 2