PlcCharArrayInfo Class

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

Represents a PLC array member which addresses an unique data entry stored within a programmable logic controller (PLC) its values represent Char values.

C#

```
public class PlcCharArrayInfo : PlcArrayInfo<char>, IPlcValueInfo, IPlcArrayInfo,
IPlcMemberInfo, IPlcRelocatable<IPlcMemberInfo>, IPlcRelocatable
```

Inheritance Object › PlcMemberInfo › PlcValueInfo<Char> › PlcArrayInfo<Char> › PlcCharArrayInfo

Implements IPlcValueInfo, IPlcArrayInfo, IPlcMemberInfo, IPlcRelocatable<IPlcMemberInfo>, IPlcRelocatable

Remarks

A PLC array of this type will be directly used by all PLC operations performed through interpreting the Char's as Byte values using the Byte. A PLC developer knows an array of this type as an ARRAY OF CHAR.

Constructors

Name	Description
PlcCharArrayInfo(PlcCharArrayType, PlcName)	Initializes a new instance of the PlcCharArrayInfo class using the specified `type` and `name`.
PlcCharArrayInfo(PlcIdentity, PlcName, Int32)	Initializes a new instance of the PlcCharArrayInfo class using the specified `identity`, `name` and `length`.
PlcCharArrayInfo(PlcName, Int32)	Initializes a new instance of the PlcCharArrayInfo class using the specified `name` and `length`.

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 PlcCharArrayInfo as an absolute addressable PLC data member.

Name	Description
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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