PlcChar Class

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

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

C#

```
public class PlcChar : PlcValue<char>, IPlcValue<char>, IPlcValue, IPlcSymbol, IPlcEntity,
IPlcStatusProvider, IPlcRelocatable<IPlcValue>, IPlcRelocatable, ISupportInitialize
```

Inheritance Object › PlcValue<Char> › PlcChar

Implements IPlcValue<Char>, IPlcValue, IPlcSymbol, IPlcEntity, IPlcStatusProvider, IPlcRelocatable<IPlcValue>, IPlcRelocatable, ISupportInitialize

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
PlcChar(PlcCharType)	Initializes a new instance of the PlcChar class using the specified `type`
PlcChar(PlcCharType, Char)	Initializes a new instance of the PlcChar class using the specified `type` and `value`.
PlcChar(PlcCharType, PlcName)	Initializes a new instance of the PlcChar class using the specified `type` and `name`.
PlcChar(PlcCharType, PlcName, Char)	Initializes a new instance of the PlcChar class using the specified `type`, `name` and `value`.
PlcChar(PlcIdentity)	Initializes a new instance of the PlcChar class using the specified `identity`
PlcChar(PlcIdentity, Char)	Initializes a new instance of the PlcChar class using the specified `identity` and `value`.
PlcChar(PlcIdentity, PlcName)	Initializes a new instance of the PlcChar class using the specified `identity` and `name`.
PlcChar(PlcIdentity, PlcName, Char)	Initializes a new instance of the PlcChar class using the specified `identity`, `name` and `value`.

Methods

Name	Description
GetValueCore(PlcDeviceConnection)	Retrieves the current value of the PLC value from a IPlcDevice using the `connection` specified.
RelocateCore(PlcAddress)	Relocates the value to the `address` specified.

Name	Description
SetValueCore(PlcDeviceConnection, Char)	Stores the `value` in the IPlcDevice assigned to the `connection` specified.
ToString	Retrieves the string representation of the PlcChar.

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