PlcInt32 Class

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

Represents a Int32 value (in PLC a DINT) its value defines a 32-bit signed integer value.

C#

```
public class PlcInt32 : PlcValue<int>, IPlcValue<int>, IPlcValue, IPlcSymbol, IPlcEntity,
IPlcStatusProvider, IPlcRelocatable<IPlcValue>, IPlcRelocatable, ISupportInitialize
```

Inheritance Object › PlcValue<Int32> › PlcInt32

Implements IPlcValue<Int32>, IPlcValue, IPlcSymbol, IPlcEntity, IPlcStatusProvider, IPlcRelocatable<IPlcValue>, IPlcRelocatable, ISupportInitialize

Remarks

While a PLC value of this type represents an Int32 value, all PLC operations performed using this class are done using the DWord. A PLC developer knows a value of this type as DINT.

Constructors

Name	Description
PlcInt32(PlcIdentity)	Initializes a new instance of the PlcInt32 class using the specified `identity`
PlcInt32(PlcIdentity, Int32)	Initializes a new instance of the PlcInt32 class using the specified `identity` and `value`.
PlcInt32(PlcIdentity, PlcName)	Initializes a new instance of the PlcInt32 class using the specified `identity` and `name`.
PlcInt32(PlcIdentity, PlcName, Int32)	Initializes a new instance of the PlcInt32 class using the specified `identity`, `name` and `value`.
PlcInt32(PlcInt32Type)	Initializes a new instance of the PlcInt32 class using the specified `type`
PlcInt32(PlcInt32Type, Int32)	Initializes a new instance of the PlcInt32 class using the specified `type` and `value`.
PlcInt32(PlcInt32Type, PlcName)	Initializes a new instance of the PlcInt32 class using the specified `type` and `name`.
PlcInt32(PlcInt32Type, PlcName, Int32)	Initializes a new instance of the PlcInt32 class using the specified `type`, `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, Int32)	Stores the `value` in the IPlcDevice assigned to the `connection` specified.

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