PlcUInt32 Class

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

Represents a UInt32 value (in PLC a DWORD) its value defines a 32-bit unsigned integer value.

C#

```
[CLSCompliant(false)]
public class PlcUInt32 : PlcValue<uint>, IPlcValue<uint>, IPlcValue, IPlcSymbol, IPlcEntity,
IPlcStatusProvider, IPlcRelocatable<IPlcValue>, IPlcRelocatable, ISupportInitialize
```

Inheritance Object › PlcValue<UInt32> › PlcUInt32

Attributes CLSCompliantAttribute

Implements IPlcValue<UInt32>, IPlcValue, IPlcSymbol, IPlcEntity, IPlcStatusProvider, IPlcRelocatable<IPlcValue>, IPlcRelocatable, ISupportInitialize

Remarks

While a PLC value of this type represents an UInt32 value, all PLC operations performed using this class are done using the DWord. A PLC developer knows a value of this type as DWORD.

Constructors

Name	Description
PlcUInt32(PlcIdentity)	Initializes a new instance of the PlcUInt32 class using the specified `identity`
PlcUInt32(PlcIdentity, PlcName)	Initializes a new instance of the PlcUInt32 class using the specified `identity` and `name`.
PlcUInt32(PlcIdentity, PlcName, UInt32)	Initializes a new instance of the PlcUInt32 class using the specified `identity`, `name` and `value`.
PlcUInt32(PlcIdentity, UInt32)	Initializes a new instance of the PlcUInt32 class using the specified `identity` and `value`.
PlcUInt32(PlcUInt32Type)	Initializes a new instance of the PlcUInt32 class using the specified `type`
PlcUInt32(PlcUInt32Type, PlcName)	Initializes a new instance of the PlcUInt32 class using the specified `type` and `name`.
PlcUInt32(PlcUInt32Type, PlcName, UInt32)	Initializes a new instance of the PlcUInt32 class using the specified `type`, `name` and `value`.
PlcUInt32(PlcUInt32Type, UInt32)	Initializes a new instance of the PlcUInt32 class using the specified `type` 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.
SetValueCore(PlcDeviceConnection, UInt32)	Stores the `value` in the IPlcDevice assigned to the `connection` specified.

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