PlcUInt32Info Class

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

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

C#

```
[CLSCompliant(false)]
public class PlcUInt32Info : PlcValueInfo<uint>, IPlcValueInfo, IPlcMemberInfo,
IPlcRelocatable<IPlcMemberInfo>, IPlcRelocatable
```

Inheritance Object › PlcMemberInfo › PlcValueInfo<UInt32> › PlcUInt32Info

Attributes CLSCompliantAttribute

Implements IPlcValueInfo, IPlcMemberInfo, IPlcRelocatable<IPlcMemberInfo>, IPlcRelocatable

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
PlcUInt32Info(PlcIdentity, PlcName)	Initializes a new instance of the PlcUInt32Info class using the specified `identity` and `name`.
PlcUInt32Info(PlcIdentity, PlcName, UInt32)	Initializes a new instance of the PlcUInt32Info class using the specified `identity`, `name` and `initialValue`.
PlcUInt32Info(PlcName)	Initializes a new instance of the PlcUInt32Info class using the specified `name`
PlcUInt32Info(PlcName, UInt32)	Initializes a new instance of the PlcUInt32Info class using the specified `name` and `initialValue`.
PlcUInt32Info(PlcUInt32Type, PlcName)	Initializes a new instance of the PlcUInt32Info class using the specified `type` and `name`.
PlcUInt32Info(PlcUInt32Type, PlcName, UInt32)	Initializes a new instance of the PlcUInt32Info class using the specified `type`, `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 PlcUInt32Info 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 PlcMemberInfo. (Inherited from PlcMemberInfo)

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