

PlcUInt64 Class

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll

Represents a [UInt64](#) value (in PLC a LWORD) its value defines a 64-bit unsigned integer value.

C#

```
[CLSCompliant(false)]  
public class PlcUInt64 : PlcValue<ulong>, IPlcValue<ulong>, IPlcValue, IPlcSymbol,  
IPlcEntity, IPlcStatusProvider, IPlcRelocatable<IPlcValue>, IPlcRelocatable,  
ISupportInitialize
```

Inheritance [Object](#) > [PlcValue<UInt64>](#) > [PlcUInt64](#)

Attributes [CLSCompliantAttribute](#)

Implements [IPlcValue<UInt64>](#), [IPlcValue](#), [IPlcSymbol](#), [IPlcEntity](#), [IPlcStatusProvider](#),
[IPlcRelocatable<IPlcValue>](#), [IPlcRelocatable](#), [ISupportInitialize](#)

Remarks

While a PLC value of this type represents an [UInt64](#) value, all PLC operations performed using this class are done using the [LWord](#). A PLC developer knows a value of this type as LWORD.

Constructors

Name	Description
PlcUInt64(PlcIdentity)	Initializes a new instance of the PlcUInt64 class using the specified identity
PlcUInt64(PlcIdentity, PlcName)	Initializes a new instance of the PlcUInt64 class using the specified identity and name .
PlcUInt64(PlcIdentity, PlcName, UInt64)	Initializes a new instance of the PlcUInt64 class using the specified identity , name and value .
PlcUInt64(PlcIdentity, UInt64)	Initializes a new instance of the PlcUInt64 class using the specified identity and value .
PlcUInt64(PlcUInt64Type)	Initializes a new instance of the PlcUInt64 class using the specified type
PlcUInt64(PlcUInt64Type, PlcName)	Initializes a new instance of the PlcUInt64 class using the specified type and name .
PlcUInt64(PlcUInt64Type, PlcName, UInt64)	Initializes a new instance of the PlcUInt64 class using the specified type , name and value .
PlcUInt64(PlcUInt64Type, UInt64)	Initializes a new instance of the PlcUInt64 class using the specified type and value .

Methods

Name	Description
<code>GetValueCore(PlcDeviceConnection)</code>	Retrieves the current value of the PLC value from a <code>IPlcDevice</code> using the <code>connection</code> specified.
<code>RelocateCore(PlcAddress)</code>	Relocates the value to the <code>address</code> specified.
<code>SetValueCore(PlcDeviceConnection, UInt64)</code>	Stores the <code>value</code> in the <code>IPlcDevice</code> assigned to the <code>connection</code> specified.

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