PlcValueNode Class

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

Provides information about a single PLC value data node to operate on.

C#

```
public class PlcValueNode : PlcDataNode, IPlcStatusProvider, ISupportInitialize
```

Inheritance Object › PlcDataNode › PlcValueNode

Implements IPlcStatusProvider, ISupportInitialize

Constructors

Name	Description
PlcValueNode(PlcType, IPlcValue)	Initializes a new instance of the PlcValueNode class using the specified `type` and `value`.

Properties

Name	Description
CanRead	Gets a value indicating whether the Value property is granted to be read from the PLC. (Inherited from PlcDataNode)
CanWrite	Gets a value indicating whether the Value property is granted to be written to the PLC. (Inherited from PlcDataNode)
HasNodes	Gets a value indicating whether the Nodes property is set to an instance of the PlcDataNodeCollection class and whether the instance does contain any items. (Inherited from PlcDataNode)
HasSources	Gets a value indicating whether the Sources property is set to an instance of the PlcDataNodeSourceCollection class and whether the instance does contain any items. (Inherited from PlcDataNode)
HasStatus	Gets a value indicating whether the Status property is set to an instance of the PlcStatus class. (Inherited from PlcDataNode)
Nodes	Gets a collection of PlcDataNode objects relating to this node. (Inherited from PlcDataNode)
Parent	Gets or sets the reference to logical parent node of the node. (Inherited from PlcDataNode)
Sources	Gets the source objects of the node. (Inherited from PlcDataNode)
Status	Gets the most recent outcome of the performed operation using this node.
Status	Gets the most recent outcome of the performed operation using this node. (Inherited from PlcDataNode)
Type	Gets the PlcType of the data represented by the node.
Type	Gets the PlcType of the data represented by the node. (Inherited from PlcDataNode)

Name	Description
Value	Gets or sets the value associated with the Type.
Value	Gets or sets the value associated with the Type. (Inherited from PlcDataNode)

Methods

Name	Description
BeginInit	Signals the object that initialization is starting.
BeginInit	Signals the object that initialization is starting. (Inherited from PlcDataNode)
EndInit	Signals the object that initialization is complete.
EndInit	Signals the object that initialization is complete. (Inherited from PlcDataNode)

Table of Contents

Constructors 1
Properties 1
Methods 2