

# PlcTypeNode Class

**Namespace:** IPS7Lnk.Advanced

**Assemblies:** IPS7LnkNet.Advanced.dll

Provides information about a single PLC type node to operate on.

**C#**

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

**Inheritance** [Object](#) > [PlcDataNode](#) > [PlcTypeNode](#)

**Derived**

- [PlcTypeMemberNode](#)

**Implements** [IPlcStatusProvider](#), [ISupportInitialize](#)

## Constructors

Name	Description
<a href="#">PlcTypeNode(PlcType)</a>	Initializes a new instance of the <a href="#">PlcTypeNode</a> class using the specified <a href="#">type</a> .

## Properties

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

Name	Description
Type	Gets the <a href="#">PlcType</a> of the data represented by the node. (Inherited from <a href="#">PlcDataNode</a> )
Value	Gets or sets the value associated with the <a href="#">Type</a> .
Value	Gets or sets the value associated with the <a href="#">Type</a> . (Inherited from <a href="#">PlcDataNode</a> )

## Methods

Name	Description
<a href="#">BeginInit</a>	Signals the object that initialization is starting. (Inherited from <a href="#">PlcDataNode</a> )
<a href="#">CreateNode(IPlcMemberInfo)</a>	Creates a new <a href="#">PlcDataNode</a> which refers to a <a href="#">IPlcMemberInfo</a> .
<a href="#">EndInit</a>	Signals the object that initialization is complete. (Inherited from <a href="#">PlcDataNode</a> )

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