

IPDeviceEndPoint Class

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll

Represents a network endpoint as an IP address, rack and slot number of a PLC device.

C#

```
public class IPDeviceEndPoint : PlcDeviceEndPoint
```

Inheritance [Object](#) > [PlcDeviceEndPoint](#) > IPDeviceEndPoint

Derived

- [DnsDeviceEndPoint](#)

Constructors

Name	Description
IPDeviceEndPoint(IPAddress)	Initializes a new instance of the IPDeviceEndPoint class with the specified address .
IPDeviceEndPoint(IPAddress, Int32)	Initializes a new instance of the IPDeviceEndPoint class with the specified address and rack number.
IPDeviceEndPoint(IPAddress, Int32, Int32)	Initializes a new instance of the IPDeviceEndPoint class with the specified address , rack number and slot number.
IPDeviceEndPoint(String)	Initializes a new instance of the IPDeviceEndPoint class with the specified address .
IPDeviceEndPoint(String, Int32)	Initializes a new instance of the IPDeviceEndPoint class with the specified address and rack number.
IPDeviceEndPoint(String, Int32, Int32)	Initializes a new instance of the IPDeviceEndPoint class with the specified address , rack number and slot number.

Fields

Name	Description
DefaultRack	Specifies the default value that is by default assigned to the Rack property.
DefaultSlot	Specifies the default value that is by default assigned to the Slot property.
MaxRack	Specifies the maximum value that can be assigned to the Rack property.
MaxSlot	Specifies the maximum value that can be assigned to the Slot property.
MinRack	Specifies the minimum value that can be assigned to the Rack property.
MinSlot	Specifies the minimum value that can be assigned to the Slot property.
TsapEncoding	Stores the type of Encoding used for encoding and decoding TSAP information. (Inherited from PlcDeviceEndPoint)

Properties

Name	Description
Address	Gets or sets the IP address of the endpoint.
AddressFamily	Gets the address family to which the endpoint belongs.
AddressFamily	Gets the address family to which the endpoint belongs. (Inherited from PlcDeviceEndPoint)
IsCustomRack	Gets a value indicating whether a custom rack has been associated with this endpoint.
IsCustomSlot	Gets a value indicating whether a custom slot has been associated with this endpoint.
LocalTSAP	Gets or sets the address of the local transport service access point to use when communicating with the PLC device. (Inherited from PlcDeviceEndPoint)
LocalTSAPValue	Gets or sets the String encoded address of the local transport service access point to use when communicating with the PLC device. (Inherited from PlcDeviceEndPoint)
Rack	Gets or sets the rack number of the endpoint.
RemoteTSAP	Gets or sets the address of the remote transport service access point to use when communicating with the PLC device. (Inherited from PlcDeviceEndPoint)
RemoteTSAPValue	Gets or sets the String encoded address of the remote transport service access point to use when communicating with the PLC device. (Inherited from PlcDeviceEndPoint)
Slot	Gets or sets the slot number of the endpoint.

Methods

Name	Description
GetHashCode	Returns a hash value for an endpoint.
OnChanged(EventArgs)	Raises the Changed event using the specified event data. (Inherited from PlcDeviceEndPoint)
RaiseChanged	Raises the Changed event. (Inherited from PlcDeviceEndPoint)
ToString	Returns a string that represents the current IPDeviceEndPoint .

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