

PlcDeviceConnectionState Enumeration

Defines the states in which a [PlcDeviceConnection](#) can exist.

Namespace: [IPS7Lnk.Advanced](#)

Assembly: [IPS7LnkNet.Advanced](#) (in [IPS7LnkNet.Advanced.dll](#)) Version: 1.0.0.0 (1.7.2.0)

Syntax

C#

```
public enum PlcDeviceConnectionState
```

Members

Member name	Value	Description
Created	0	Indicates that the connection has been instantiated and is configurable, but not yet open or ready for use.
Opening	1	Indicates that the connection is being transitioned from the Created state to the Opened state. During this state does the connection try to establish a connection to a device.
Opened	2	Indicates that the connection is now open and ready to be used, because of the successfully established connection to a device.
Connecting	3	Indicates that the connection is being transitioned from the Opened state to the Connected state. During this state does the connection try to fully establish a connection to a device.
Connected	4	Indicates that the connection is now fully established to a device.
Disconnected	5	Indicates that a previously fully established connection or an attempt to connect to a device has been broken/failed.
Faulted	6	Indicates that the connection has encountered an error or fault from which it cannot recover and from which it is no longer usable.
Closing	7	Indicates that the connection is transitioning to the Closed state. During this state does the connection try to close an previously opened connection to a device.
Closed	8	Indicates that the connection has been closed to a device.

See Also

Reference

[IPS7Lnk.Advanced Namespace](#)

Table of Contents

Syntax	1
Members	1
See Also	1
Reference	1

