

PlcException Class

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll

The exception that is thrown when a driver operation has failed.

C#

```
[Serializable]
public class PlcException : Exception, ISerializable, _Exception
```

Inheritance [Object](#) > [Exception](#) > [PlcException](#)

Attributes [SerializableAttribute](#)

Implements [Serialization.ISerializable](#), [InteropServices._Exception](#)

Constructors

Name	Description
PlcException	Initializes a new instance of the PlcException class with default properties.
PlcException(PlcStatusCode)	Initializes a new instance of the PlcException class with the specified code .
PlcException(PlcStatusCode, Int32)	Initializes a new instance of the PlcException class with the specified code and socketCode .
PlcException(PlcStatusCode, Int32, Exception)	Initializes a new instance of the PlcException class with the specified code , socketCode and inner exception.
PlcException(PlcStatusCode, Int32, Exception, PlcType)	Initializes a new instance of the PlcException class with the specified code , socketCode , inner exception and the type affected.
PlcException(Serialization.SerializationInfo, Serialization.StreamingContext)	Initializes a new instance of the PlcException class with serialized data.

Properties

Name	Description
Code	Gets the according PlcStatusCode for the ErrorCode .
ErrorCode	Gets the error code of the PlcException .
SocketCode	Gets the error code of the recent performed socket operation if ErrorCode does refer to an error based on a socket operation.
Type	Gets the PlcType which was in operation while the new current exception was produced. The misleading type information of the type can be also the reason.

Methods

Name	Description
<code>GetObjectData(Serialization.SerializationInfo, Serialization.StreamingContext)</code>	Sets the <code>Serialization.SerializationInfo</code> with information about the exception.

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