

IPlcArray Members

Namespace: IPS7Lnk.Advanced

Assemblies: IPS7LnkNet.Advanced.dll, IPS7LnkNet.Advanced.dll

The [IPlcArray](#) interface defines the following members.

Properties

Item[Int32]

Gets the element at the specified index.

C#

```
object this[int index] { get; }
```

Property Value

[Object](#)

The element at the specified index.

Exceptions

[ArgumentOutOfRangeException](#)

The [index](#) is less than zero or [index](#) is equal to or greater than [Length](#).

Length

Gets a 32-bit integer that represents the total number of elements within the array.

C#

```
int Length { get; }
```

Property Value

[Int32](#)

A 32-bit integer that represents the total number of elements within the array.

Methods

GetElement(Int32)

Retrieves the [IPlcValue](#) at the specified index.

C#

```
IPlcValue GetElement(int index)
```

Parameters

[index](#) [Int32](#)

The zero-based index of the element to get.

Returns

[IPlcValue](#)

The [IPlcValue](#) at the specified index.

Exceptions

[ArgumentOutOfRangeException](#)

The [index](#) is less than zero or [index](#) is equal to or greater than [Length](#).

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