

PlcMemberCollection Members

Namespace: IPS7Lnk.Advanced

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

The [PlcMemberCollection](#) type exposes the following members.

Constructors

PlcMemberCollection()

Initializes a new instance of the [PlcMemberCollection](#) class.

C#

```
public PlcMemberCollection()
```

PlcMemberCollection(IEnumerable<PlcMember>)

Initializes a new instance of the [PlcMemberCollection](#) class using the [items](#) specified.

C#

```
public PlcMemberCollection(IEnumerable<PlcMember> items)
```

Parameters

[items](#) [IEnumerable<PlcMember>](#)

The [IEnumerable<T>](#) items to add as the initial items of the new collection.

Exceptions

[ArgumentNullException](#)

The [items](#) is a null reference (Nothing in Visual Basic).

Methods

Add(String, IPlcValue)

Creates a new [PlcValueMember](#) from the [name](#) and [value](#) specified and adds the new member object.

C#

```
public PlcValueMember Add(string name, IPlcValue value)
```

Parameters

name String

The name of the new `PlcValueMember`.

value `IPlcValue`

The `IPlcValue` of the new `PlcValueMember`.

Returns

`PlcValueMember`

The new `PlcValueMember` created and added to the end of the collection.

Exceptions

`ArgumentException`

The **name** is equal to `Empty`.

`ArgumentNullException`

The **name** or **value** is a null reference (Nothing in Visual Basic).

GetKeyForItem(PlcMember)

Extracts the key from the specified element.

C#

```
protected override PlcName GetKeyForItem(PlcMember item)
```

Parameters

item `PlcMember`

The element from which to extract the key.

Returns

`PlcName`

The key for the specified element.

Exceptions

`ArgumentNullException`

The **item** is a null reference (Nothing in Visual Basic).

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