OpcCollection<TItem, TItemContent, TItemContentList> Class

Namespace: Opc.UaFx
Assemblies: Opc.UaFx.Advanced.dll

Provides an abstract generic base class for IOpcContainer´1 items their content is maintained in a different list which is to be used as the content of the collection like `TItem` uses the `TItemContent` instances in `TItemContentList`.

C#

```
public abstract class OpcCollection<TItem, TItemContent, TItemContentList> :
Collection<TItem>, IList<TItem>, ICollection<TItem>, IList, ICollection,
IReadOnlyList<TItem>, IReadOnlyCollection<TItem>, IEnumerable<TItem>, IEnumerable,
IList<TItemContent>, new()
```

Inheritance Object › Collection<m> › OpcCollection<TItem, TItemContent, TItemContentList>

Derived

- OpcArgumentCollection
- OpcNameCollection
- OpcReferenceCollection
- OpcReferenceDescriptionCollection
- OpcResultCollection`3
- OpcStatusCollection
- OpcLocalReferenceCollection

Implements IList<m>, ICollection<m>, IList, ICollection, IReadOnlyList<m>, IReadOnlyCollection<m>, IEnumerable<m>, IEnumerable

Constructors

Name	Description
OpcCollection`3	Initializes a new instance of the OpcCollection´3 class.
OpcCollection`3(IList)	Initializes a new instance of the OpcCollection´3 class as a wrapper for the specified `list`.

Methods

Name	Description
ClearItems	Removes all elements from the OpcCollection´3.
InsertItem(Int32,)	Inserts an element into the OpcCollection´3 at the specified index.
RemoveItem(Int32)	Removes the element at the specified index of the OpcCollection´3.
SetItem(Int32,)	Replaces the element at the specified index.

Table of Contents

Constructors 1
Methods 1