OpcNodeReferenceCollection Class

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

Provides a collection of OpcNodeReference instances where the NodeId is used as the key of each entry.

C#

```
public class OpcNodeReferenceCollection : KeyedCollection<OpcNodeId, OpcNodeReference>,
IList<OpcNodeReference>, ICollection<OpcNodeReference>, IList, ICollection,
IReadOnlyList<OpcNodeReference>, IReadOnlyCollection<OpcNodeReference>,
IEnumerable<OpcNodeReference>, IEnumerable
```

Inheritance Object › Collection<OpcNodeReference> › KeyedCollection<OpcNodeId, OpcNodeReference> › OpcNodeReferenceCollection

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

Constructors

Name	Description
OpcNodeReferenceCollection	Initializes a new instance of the OpcNodeReferenceCollection class.

Methods

Name	Description
Add(IOpcNode, IEnumerable)	Adds a OpcNodeReference instance representing a node / references bundle using the `node` and the `references` specified.
Add(IOpcNode, OpcNodeId)	Adds OpcNodeReference instances representing a bidirectional relation between the `sourceNode` and the node identified by the `targetNodeId` specified. The references created represent a ParentToChild and ChildToParent relation using Organizes as the type of reference.
Add(IOpcNode, OpcNodeId, Nullable)	Adds OpcNodeReference instances representing either a bidirectional or a unidirectional relation between the `sourceNode` and the target identified by the `targetNodeId` specified. The references created depend on the value specified by `direction` using Organizes as the type of reference.
Add(IOpcNode, OpcNodeId, Nullable, OpcNodeId)	Adds OpcNodeReference instances representing either a bidirectional or a unidirectional relation between the `sourceNode` and the target identified by the `targetNodeId` specified. The references created depend on the value specified by `direction` using the type of reference identified by the `referenceTypeId` specified.

Name	Description
Add(IOpcNode, OpcNodeId, Nullable, OpcReferenceType)	Adds OpcNodeReference instances representing either a bidirectional or a unidirectional relation between the `sourceNode` and the target identified by the `targetNodeId` specified. The references created depend on the value specified by `direction` using the `referenceType` as the type of reference.
Add(IOpcNode, OpcReference)	Adds a OpcNodeReference instance representing a node / references bundle using the `node` and the `references` specified.
Add(OpcNodeId, IEnumerable)	Adds a OpcNodeReference instance representing a node / references bundle using the node identified by the `nodeId` and the `references` specified.
Add(OpcNodeId, OpcNodeId)	Adds OpcNodeReference instances representing a bidirectional relation between the source identified by the `sourceNodeId` and the node identified by the `targetNodeId` specified. The references created represent a ParentToChild and ChildToParent relation using Organizes as the type of reference.
Add(OpcNodeId, OpcNodeId, Nullable)	Adds OpcNodeReference instances representing either a bidirectional or a unidirectional relation between the source identified by `sourceNodeId` and the target identified by the `targetNodeId` specified. The references created depend on the value specified by `direction` using Organizes as the type of reference.
Add(OpcNodeId, OpcNodeId, Nullable, OpcNodeId)	Adds OpcNodeReference instances representing either a bidirectional or a unidirectional relation between the source identified by the `sourceNodeId` and the target identified by the `targetNodeId` specified. The references created depend on the value specified by `direction` using the type of reference identified by the `referenceTypeId` specified.
Add(OpcNodeId, OpcNodeId, Nullable, OpcReferenceType)	Adds OpcNodeReference instances representing either a bidirectional or a unidirectional relation between the source identified by the `sourceNodeId` and the target identified by the `targetNodeId` specified. The references created depend on the value specified by `direction` using the `referenceType` as the type of reference.
Add(OpcNodeId, OpcReference)	Adds a OpcNodeReference instance representing a node / references bundle using the node identified by the `nodeId` and the `references` specified.
GetKeyForItem(OpcNodeReference)	Extracts the key from the specified element.

Table of Contents

Constructors 1
Methods 1