OpcReference Class

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

Describes a unidirectional reference from a logical 'parent' to a logical 'child' or vice versa using a specific type of reference between the two opponents.

C#

```
public class OpcReference : IOpcNodeReferenceAware
```

Inheritance Object › OpcReference

Implements IOpcNodeReferenceAware

Constructors

Name	Description
OpcReference(IOpcNode, OpcReferenceDirection, OpcNodeId)	Initializes a new instance of the OpcReference class using the `targetNode` as the target using the type of reference identified by the `typeId` specified in the relation defined by `direction`.
OpcReference(IOpcNode, OpcReferenceDirection, OpcReferenceType)	Initializes a new instance of the OpcBidirectionalReference class using the `targetNode` as the target of the reference and using the value of the `type` parameter as the type of reference in the relation defined by `direction`.
OpcReference(OpcNodeId, OpcReferenceDirection, OpcNodeId)	Initializes a new instance of the OpcBidirectionalReference class using the `targetNodeId` as the identifier of the target and using the type of reference identified by the `typeId` specified in the relation defined by `direction`.
OpcReference(OpcNodeId, OpcReferenceDirection, OpcReferenceType)	Initializes a new instance of the OpcBidirectionalReference class using the `targetNodeId` as the identifier of the target of the reference using the value of the `type` parameter as the type of the reference in the relation defined by `direction`.

Properties

Name	Description
Direction	Gets a value indicating the logical direction of the reference represented.
TargetNode	Gets the node to which the reference refers to.
TargetNodeId	Gets the identifier of the node to which the reference refers to.
Type	Gets a value which defines the pre-defined type of reference represented.
TypeId	Gets the identifier which identifies the node that defines the semantic of the reference between the source and the target node represented through this OpcReference and generally reflects an operation between the two, such as “A contains B”.

Methods

Name	Description
GetReferences	Retrieves an empty sequence of OpcNodeReference instances.
GetReferences(IOpcNode)	Retrieves a sequence with one OpcNodeReference instance using the `node` specified as the source of the reference.
GetReferences(OpcNodeId)	Retrieves a sequence with one OpcNodeReference instance using the `nodeId` specified as the source of the reference.
ToString	Returns a string representing the information contained in the OpcReference.

Table of Contents

Constructors 1
Properties 1
Methods 2