OpcObjectTypeNodeInfo Class

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

Provides properties and methods for the examination of the attributes and references of a node which is classified as ObjectType.

C#

```
public class OpcObjectTypeNodeInfo : OpcTypeNodeInfo, IOpcNodeInfo
```

Inheritance Object › OpcNodeInfo › OpcTypeNodeInfo › OpcObjectTypeNodeInfo

Implements IOpcNodeInfo

Properties

Name	Description
BaseType	Gets the OpcNodeInfo about the immediate super type node of the type node represented. (Inherited from OpcTypeNodeInfo)
BaseTypeId	Gets the OpcNodeId about the immediate super type node of the type node represented. (Inherited from OpcTypeNodeInfo)
Category	Gets the classification of the node using one of the predefined categories. (Inherited from OpcNodeInfo)
Context	Gets the browse setup and context to use to inspect the node, its attributes and its relationships to other nodes. (Inherited from OpcNodeInfo)
DisplayName	Gets the value of the DisplayNameOpcAttribute which defines the localizable name of the node. (Inherited from OpcNodeInfo)
IsAbstract	Gets a value indicating whether the type represented can be instantiated directly. (Inherited from OpcTypeNodeInfo)
IsEnum	Gets a value indicating whether the type represented is an enumeration. (Inherited from OpcTypeNodeInfo)
IsSystemType	Gets a value indicating whether the type represented is one of the predefined built-in data types defined by the OPC UA. (Inherited from OpcTypeNodeInfo)
Name	Gets the nominal information of the node represented. (Inherited from OpcNodeInfo)
NodeId	Gets the node identifier of the node represented. (Inherited from OpcNodeInfo)
Reference	Gets the description of the node reference through that the node represented and examined has been located. (Inherited from OpcNodeInfo)
UnderlyingType	Gets the underlying built-in data type definition of the node type represented. (Inherited from OpcTypeNodeInfo)

Methods

Name	Description
Attribute(OpcAttribute)	Retrieves the OpcAttributeInfo of the node that has the specified OpcAttribute identifier. (Inherited from OpcNodeInfo)
Attribute(String)	Retrieves the OpcAttributeInfo of the node that is known using the specified `browseName`. (Inherited from OpcNodeInfo)
Attributes	Retrieves for each OpcAttribute identifier the according OpcAttributeInfo of the node. (Inherited from OpcNodeInfo)
Attributes(IEnumerable)	Retrieves for each OpcAttribute identifier specified by `attributes` the according OpcAttributeInfo of the node. (Inherited from OpcNodeInfo)
Attributes(IEnumerable)	Retrieves the OpcAttributeInfo of the node that is known using the specified `browseNames`. (Inherited from OpcNodeInfo)
Attributes(OpcAttribute)	Retrieves for each OpcAttribute identifier specified by `attributes` the according OpcAttributeInfo of the node. (Inherited from OpcNodeInfo)
Attributes(String)	Retrieves the OpcAttributeInfo of the node that is known using the specified `browseNames`. (Inherited from OpcNodeInfo)
AttributeValue(OpcAttribute)	Retrieves the value of the `attribute` specified. (Inherited from OpcNodeInfo)
AttributeValue``1(OpcAttribute)	Retrieves the value of the `attribute` specified. (Inherited from OpcNodeInfo)
Child(String)	Retrieves the OpcNodeInfo of the child node that is known using the specified `name` of the node. (Inherited from OpcNodeInfo)
Children	Retrieves for each child node of the node represented the according OpcNodeInfo. (Inherited from OpcNodeInfo)
Children(OpcNodeCategory)	Retrieves for each child node of the `category` specified of the node represented the according OpcNodeInfo. (Inherited from OpcNodeInfo)
Children(OpcReferenceType)	Retrieves for each child node referenced using the `referenceType` specified the according OpcNodeInfo. (Inherited from OpcNodeInfo)
GetEnumMembers	Retrieves all the enumeration members defined by the data type node. (Inherited from OpcTypeNodeInfo)
GetSubTypeIds	Retrieves for each sub type node of the type node represented the canonical identifiers. (Inherited from OpcTypeNodeInfo)
GetSubTypes	Retrieves for each sub type node of the type node represented an instance of the OpcTypeNodeInfo class. (Inherited from OpcTypeNodeInfo)
IsSubTypeOf(OpcNodeId)	Determines whether the current represented type node derives from the type node identified by the `nodeId` specified. (Inherited from OpcTypeNodeInfo)
Parent(String)	Retrieves the OpcNodeInfo of the parent node that is known using the specified `name` of the node. (Inherited from OpcNodeInfo)

Name	Description
Parents	Retrieves for each parent node of the node represented the according OpcNodeInfo. (Inherited from OpcNodeInfo)
Parents(OpcNodeCategory)	Retrieves for each parent node of the `category` specified of the node represented the according OpcNodeInfo. (Inherited from OpcNodeInfo)
Parents(OpcReferenceType)	Retrieves for each parent node referenced using the `referenceType` specified the according OpcNodeInfo. (Inherited from OpcNodeInfo)

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