

OpcDataTypeSystemNodeInfo 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 [Object](#) and is of the type [ObjectTypeDefs.DataTypeSystemType](#).

C#

```
public class OpcDataTypeSystemNodeInfo : OpcObjectNodeInfo, IOpcNodeInfo
```

Inheritance [Object](#) > [OpcNodeInfo](#) > [OpcInstanceNodeInfo](#) > [OpcObjectNodeInfo](#) >

[OpcDataTypeSystemNodeInfo](#)

Implements [IOpcNodeInfo](#)

Properties

Name	Description
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)
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)
TypeDefinition	Gets the OpcTypeNodeInfo about the type definition node of the instance node represented. (Inherited from OpcInstanceNodeInfo)
TypeDefinitionId	Gets the OpcNodeId about the type definition node of the instance node represented. (Inherited from OpcInstanceNodeInfo)

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)

Name	Description
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)
GetDictionaries	Retrieves all nodes which are referenced using the HasComponent reference for which the according OpcNodeInfo is represented by the OpcDataTypeDictionaryNodeInfo class.
Parent(String)	Retrieves the OpcNodeInfo of the parent node that is known using the specified name of the node. (Inherited from OpcNodeInfo)
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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