

OpcNodeInfo 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.

C#

```
public class OpcNodeInfo : IOpcNodeInfo
```

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

Derived

- [OpcInstanceNodeInfo](#)
- [OpcMethodNodeInfo](#)
- [OpcTypeNodeInfo](#)

Implements [IOpcNodeInfo](#)

Properties

Name	Description
Category	Gets the classification of the node using one of the predefined categories.
Context	Gets the browse setup and context to use to inspect the node, its attributes and its relationships to other nodes.
DisplayName	Gets the value of the DisplayNameOpcAttribute which defines the localizable name of the node.
Name	Gets the nominal information of the node represented.
NodeId	Gets the node identifier of the node represented.
Reference	Gets the description of the node reference through that the node represented and examined has been located.

Methods

Name	Description
Attribute(OpcAttribute)	Retrieves the OpcAttributeInfo of the node that has the specified OpcAttribute identifier.
Attribute(String)	Retrieves the OpcAttributeInfo of the node that is known using the specified browseName .
Attributes	Retrieves for each OpcAttribute identifier the according OpcAttributeInfo of the node.
Attributes(IEnumerable)	Retrieves for each OpcAttribute identifier specified by attributes the according OpcAttributeInfo of the node.
Attributes(IEnumerable)	Retrieves the OpcAttributeInfo of the node that is known using the specified browseNames .

Name	Description
Attributes(OpcAttribute)	Retrieves for each OpcAttribute identifier specified by attributes the according OpcAttributeInfo of the node.
Attributes(String)	Retrieves the OpcAttributeInfo of the node that is known using the specified browseNames.
AttributeValue(OpcAttribute)	Retrieves the value of the attribute specified.
AttributeValue`1(OpcAttribute)	Retrieves the value of the attribute specified.
Child(String)	Retrieves the OpcNodeInfo of the child node that is known using the specified name of the node.
Children	Retrieves for each child node of the node represented the according OpcNodeInfo.
Children(OpcNodeCategory)	Retrieves for each child node of the category specified of the node represented the according OpcNodeInfo.
Children(OpcReferenceType)	Retrieves for each child node referenced using the referenceType specified the according OpcNodeInfo.
Parent(String)	Retrieves the OpcNodeInfo of the parent node that is known using the specified name of the node.
Parents	Retrieves for each parent node of the node represented the according OpcNodeInfo.
Parents(OpcNodeCategory)	Retrieves for each parent node of the category specified of the node represented the according OpcNodeInfo.
Parents(OpcReferenceType)	Retrieves for each parent node referenced using the referenceType specified the according OpcNodeInfo.

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