

# OpcObjectNodeInfo 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](#).

**C#**

```
public class OpcObjectNodeInfo : OpcInstanceNodeInfo, IOpcNodeInfo
```

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

**Derived**

- [OpcDataTypeEncodingNodeInfo](#)
- [OpcDataTypeSystemNodeInfo](#)

**Implements** [IOpcNodeInfo](#)

## Properties

| Name                             | Description                                                                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">Category</a>         | Gets the classification of the node using one of the predefined categories.<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                           |
| <a href="#">Context</a>          | Gets the browse setup and context to use to inspect the node, its attributes and its relationships to other nodes.<br>(Inherited from <a href="#">OpcNodeInfo</a> )    |
| <a href="#">DisplayName</a>      | Gets the value of the <a href="#">DisplayNameOpcAttribute</a> which defines the localizable name of the node.<br>(Inherited from <a href="#">OpcNodeInfo</a> )         |
| <a href="#">Name</a>             | Gets the nominal information of the node represented.<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                                                 |
| <a href="#">NodeId</a>           | Gets the node identifier of the node represented.<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                                                     |
| <a href="#">Reference</a>        | Gets the description of the node reference through that the node represented and examined has been located.<br>(Inherited from <a href="#">OpcNodeInfo</a> )           |
| <a href="#">TypeDefinition</a>   | Gets the <a href="#">OpcTypeInfoNodeInfo</a> about the type definition node of the instance node represented.<br>(Inherited from <a href="#">OpcInstanceNodeInfo</a> ) |
| <a href="#">TypeDefinitionId</a> | Gets the <a href="#">OpcNodeId</a> about the type definition node of the instance node represented.<br>(Inherited from <a href="#">OpcInstanceNodeInfo</a> )           |

## Methods

| Name                           | Description                                                                                                                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Attribute(OpcAttribute)        | Retrieves the <a href="#">OpcAttributeInfo</a> of the node that has the specified <a href="#">OpcAttribute</a> identifier.<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                     |
| Attribute(String)              | Retrieves the <a href="#">OpcAttributeInfo</a> of the node that is known using the specified <a href="#">browseName</a> .<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                      |
| Attributes                     | Retrieves for each <a href="#">OpcAttribute</a> identifier the according <a href="#">OpcAttributeInfo</a> of the node.<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                         |
| Attributes(IEnumerable)        | Retrieves for each <a href="#">OpcAttribute</a> identifier specified by <a href="#">attributes</a> the according <a href="#">OpcAttributeInfo</a> of the node.<br>(Inherited from <a href="#">OpcNodeInfo</a> ) |
| Attributes(IEnumerable)        | Retrieves the <a href="#">OpcAttributeInfo</a> of the node that is known using the specified <a href="#">browseNames</a> .<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                     |
| Attributes(OpcAttribute)       | Retrieves for each <a href="#">OpcAttribute</a> identifier specified by <a href="#">attributes</a> the according <a href="#">OpcAttributeInfo</a> of the node.<br>(Inherited from <a href="#">OpcNodeInfo</a> ) |
| Attributes(String)             | Retrieves the <a href="#">OpcAttributeInfo</a> of the node that is known using the specified <a href="#">browseNames</a> .<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                     |
| AttributeValue(OpcAttribute)   | Retrieves the value of the <a href="#">attribute</a> specified.<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                                                                                |
| AttributeValue`1(OpcAttribute) | Retrieves the value of the <a href="#">attribute</a> specified.<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                                                                                |
| Child(String)                  | Retrieves the <a href="#">OpcNodeInfo</a> of the child node that is known using the specified <a href="#">name</a> of the node.<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                |
| Children                       | Retrieves for each child node of the node represented the according <a href="#">OpcNodeInfo</a> .<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                                              |
| Children(OpcNodeCategory)      | Retrieves for each child node of the <a href="#">category</a> specified of the node represented the according <a href="#">OpcNodeInfo</a> .<br>(Inherited from <a href="#">OpcNodeInfo</a> )                    |
| Children(OpcReferenceType)     | Retrieves for each child node referenced using the <a href="#">referenceType</a> specified the according <a href="#">OpcNodeInfo</a> .<br>(Inherited from <a href="#">OpcNodeInfo</a> )                         |
| Parent(String)                 | Retrieves the <a href="#">OpcNodeInfo</a> of the parent node that is known using the specified <a href="#">name</a> of the node.<br>(Inherited from <a href="#">OpcNodeInfo</a> )                               |
| Parents                        | Retrieves for each parent node of the node represented the according <a href="#">OpcNodeInfo</a> .<br>(Inherited from <a href="#">OpcNodeInfo</a> )                                                             |
| Parents(OpcNodeCategory)       | Retrieves for each parent node of the <a href="#">category</a> specified of the node represented the according <a href="#">OpcNodeInfo</a> .<br>(Inherited from <a href="#">OpcNodeInfo</a> )                   |
| Parents(OpcReferenceType)      | Retrieves for each parent node referenced using the <a href="#">referenceType</a> specified the according <a href="#">OpcNodeInfo</a> .<br>(Inherited from <a href="#">OpcNodeInfo</a> )                        |

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