

# OpcVariableTypeInfo 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 [VariableType](#).

**C#**

```
public class OpcVariableTypeInfo : OpcTypeInfo, IOpcNodeInfo
```

**Inheritance** [Object](#) > [OpcNodeInfo](#) > [OpcTypeInfo](#) > [OpcVariableTypeInfo](#)

**Implements** [IOpcNodeInfo](#)

## Properties

Name	Description
<a href="#">BaseType</a>	Gets the <a href="#">OpcNodeInfo</a> about the immediate super type node of the type node represented. (Inherited from <a href="#">OpcTypeInfo</a> )
<a href="#">BaseTypeId</a>	Gets the <a href="#">OpcNodeId</a> about the immediate super type node of the type node represented. (Inherited from <a href="#">OpcTypeInfo</a> )
<a href="#">Category</a>	Gets the classification of the node using one of the predefined categories. (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. (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. (Inherited from <a href="#">OpcNodeInfo</a> )
<a href="#">IsAbstract</a>	Gets a value indicating whether the type represented can be instantiated directly. (Inherited from <a href="#">OpcTypeInfo</a> )
<a href="#">IsEnum</a>	Gets a value indicating whether the type represented is an enumeration. (Inherited from <a href="#">OpcTypeInfo</a> )
<a href="#">IsSystemType</a>	Gets a value indicating whether the type represented is one of the predefined built-in data types defined by the OPC UA. (Inherited from <a href="#">OpcTypeInfo</a> )
<a href="#">Name</a>	Gets the nominal information of the node represented. (Inherited from <a href="#">OpcNodeInfo</a> )
<a href="#">NodeId</a>	Gets the node identifier of the node represented. (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. (Inherited from <a href="#">OpcNodeInfo</a> )
<a href="#">UnderlyingType</a>	Gets the underlying built-in data type definition of the node type represented. (Inherited from <a href="#">OpcTypeInfo</a> )

# Methods

Name	Description
Attribute(OpcAttribute)	Retrieves the <a href="#">OpcAttributeInfo</a> of the node that has the specified <a href="#">OpcAttribute</a> identifier. (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> . (Inherited from <a href="#">OpcNodeInfo</a> )
Attributes	Retrieves for each <a href="#">OpcAttribute</a> identifier the according <a href="#">OpcAttributeInfo</a> of the node. (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. (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> . (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. (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> . (Inherited from <a href="#">OpcNodeInfo</a> )
AttributeValue(OpcAttribute)	Retrieves the value of the <a href="#">attribute</a> specified. (Inherited from <a href="#">OpcNodeInfo</a> )
AttributeValue`1(OpcAttribute)	Retrieves the value of the <a href="#">attribute</a> specified. (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. (Inherited from <a href="#">OpcNodeInfo</a> )
Children	Retrieves for each child node of the node represented the according <a href="#">OpcNodeInfo</a> . (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> . (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> . (Inherited from <a href="#">OpcNodeInfo</a> )
GetEnumMembers	Retrieves all the enumeration members defined by the data type node. (Inherited from <a href="#">OpcTypeNodeInfo</a> )
GetSubTypeIds	Retrieves for each sub type node of the type node represented the canonical identifiers. (Inherited from <a href="#">OpcTypeNodeInfo</a> )
GetSubTypes	Retrieves for each sub type node of the type node represented an instance of the <a href="#">OpcTypeNodeInfo</a> class. (Inherited from <a href="#">OpcTypeNodeInfo</a> )
IsSubTypeOf(OpcNodeId)	Determines whether the current represented type node derives from the type node identified by the <a href="#">nodeId</a> specified. (Inherited from <a href="#">OpcTypeNodeInfo</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. (Inherited from <a href="#">OpcNodeInfo</a> )

Name	Description
Parents	Retrieves for each parent node of the node represented the according <a href="#">OpcNodeInfo</a> . (Inherited from <a href="#">OpcNodeInfo</a> )
Parents(OpcNodeCategory)	Retrieves for each parent node of the <b>category</b> specified of the node represented the according <a href="#">OpcNodeInfo</a> . (Inherited from <a href="#">OpcNodeInfo</a> )
Parents(OpcReferenceType)	Retrieves for each parent node referenced using the <b>referenceType</b> specified the according <a href="#">OpcNodeInfo</a> . (Inherited from <a href="#">OpcNodeInfo</a> )



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