

OpcBrowseNodeContext Class

Namespace: Opc.UaFx.Client

Assemblies: Opc.UaFx.Advanced.dll

Describes a single node accessed by an [OpcClient](#) for browsing.

C#

```
public class OpcBrowseNodeContext : OpcNodeAccessContext
```

Inheritance [Object](#) > [OpcNodeAccessContext](#) > OpcBrowseNodeContext

Remarks

The [OpcBrowseNodeContext](#) is used whenever node browsing is performed using a specific [OpcClient](#). An instance of this class does then provide the [OpcNodeId](#) of the node to browse on, the [OpcClient](#), the [OpcViewDescription](#) of the view being browsed and a list of [OpcNodeId](#) objects identifying the different reference types to include for the browse operation.

Using this class or a scenario specific derivate of this class does simplify the API used for a specific node browse operation by reducing the amount of arguments (bound by the context object) they have to be passed.

Events

Name	Description
AddressSpaceExpired	Occurs in case the address space of the server the UaFx.Client is connected to might or has been changed.

Properties

Name	Description
Attributes	Gets the mask used to identify the different attributes to read after a whole layer (controlled by Degree) of nodes has been browsed.
Client	Gets the OpcClient used to operate on the node. (Inherited from OpcNodeAccessContext)
Degree	Gets a value indicating the degree of relation to browse at once.
NodeId	Gets the OpcNodeId of the node to operate on. (Inherited from OpcNodeAccessContext)
Options	Gets the options used to include and exclude information offered by the server while browsing its address space.
ReferenceTypeIds	Gets a read-only collection of OpcNodeId objects used to identify the different reference types to include while browsing the node tree.
View	Gets the OpcViewDescription which identifies the view used then browsing the node tree.

Methods

Name	Description
OnAddressSpaceExpired(EventArgs)	
ToString	Returns a string that represents the current OpcNodeAccessContext . (Inherited from OpcNodeAccessContext)
Update	
Update	(Inherited from OpcNodeAccessContext)

Table of Contents

Remarks	1
Events	1
Properties	1
Methods	2

