OpcNodeSet Class

Namespace: Opc.UaFx
Assemblies: Opc.UaFx.Advanced.dll

Provides a static in-memory representation of an address space including its nodes their references to each other and the used types.

C#

```
public class OpcNodeSet
```

Inheritance Object › OpcNodeSet

Properties

Name	Description
LastModified	Gets the last time the node set document was modified.
Models	
Name	Gets the name of the resource from which node set information originates from.
Namespaces	Gets a read-only collection of OpcNamespaces referred to.

Methods

Name	Description
GetDataType(OpcEncoding)	Retrieves the OpcDataTypeInfo object which declares the type which is identified by the `encoding` specified.
GetDataType(OpcName)	Retrieves the OpcDataTypeInfo object which is known under the `name` specified.
GetDataType(OpcNodeId)	Retrieves the OpcDataTypeInfo object which declares the type which is identified by the `typeId` specified.
GetDataType(String)	Retrieves the OpcDataTypeInfo object which is known under the `name` specified.
GetDataType(Type)	Retrieves the OpcDataTypeInfo object which declares the type implemented by the `underlyingType` specified.
GetDataType(XmlQualifiedName)	Retrieves the OpcDataTypeInfo object which is known under the `xmlName` specified.
GetDataTypes	Retrieves all OpcDataTypeInfo objects offered by the IOpcTypeProvider.
GetDataTypeSystem	Retrieves the system used to describe the data types defined in the OpcNodeSet using Binary as the type of encoding.
GetDataTypeSystem(OpcEncodingType)	Retrieves the system used to describe the data types defined in the OpcNodeSet using OpcEncodingType specified by `encodingType` as the type of encoding.
GetNodeType(OpcName)	Retrieves the OpcNodeTypeInfo object which is known under the `name` specified.
GetNodeType(OpcNodeId)	Retrieves the OpcNodeTypeInfo object which declares the type which is identified by the `typeId` specified.

Name	Description
GetNodeType(String)	Retrieves the OpcNodeTypeInfo object which is known under the `name` specified.
GetNodeType(Type)	Retrieves the OpcNodeTypeInfo object which declares the type implemented by the `underlyingType` specified.
GetNodeTypes	Retrieves all OpcNodeTypeInfo objects offered by the IOpcTypeProvider.
GetNodeTypeSystem	Retrieves the system used to describe the node types defined in the OpcNodeSet.
Load(Stream)	Creates a new OpcNodeSet instance from the contents in the `stream` specified.
Load(String)	Creates a new OpcNodeSet instance from the file specified by `filePath`.
Parse(String)	Creates a new OpcNodeSet instance from the String specified by `data`.
Save(Stream)	
Save(String)	
TryParse(String, OpcNodeSet@)	Determines whether a String is a valid OpcNodeSet.

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