

Opc.UaFx.Client Namespace

The Opc.UaFx.Client namespace defines the following members.

Classes

Name	Description
Licenser	Defines mechanism required to register the client portion only of the OPC UA Framework Advanced.
OpcAcknowledgeableConditionExtension	Provides static (Shared in Visual Basic) extension methods to manage OpcAcknowledgeableCondition objects.
OpcAcknowledgeableConditionNodeExtension	Provides static (Shared in Visual Basic) extension methods to manage OpcAcknowledgeableConditionNode objects.
OpcAnalogItemNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as Variable and is of the type AnalogItemId .
OpcArgumentInfo	Provides properties and methods for the examination a single argument of a node classified as Method .
OpcAttributeInfo	
OpcBrowseNodeContext	Describes a single node accessed by an OpcClient for browsing.
OpcClient	Provides session based methods to access OPC UA server services.
OpcClientApplication	
OpcClientIdentity	
OpcClientInterfaces	Defines additional options to be used for the different interfaces consumed by the OpcClient .
OpcClientKeepAlive	Provides keep-alive options used by a client to monitor an established connection and recover from unexpected disconnection.
OpcClientSecurity	Defines the different security configurations supported by the OpcClient .
OpcClientServices	Defines the different services supported by the OpcClient .
OpcClientStateChangedEventArgs	Provides the event data for the StateChanged event.
OpcConditionExtension	Provides static (Shared in Visual Basic) extension methods to manage OpcCondition objects.
OpcConditionNodeExtension	Provides static (Shared in Visual Basic) extension methods to manage OpcConditionNode objects.
OpcCreateNodeHistory	
OpcDataChangeReceivedEventArgs	
OpcDataTypeDescriptionNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as Variable and is of the type DataTypeDescriptionId .
OpcDataTypeDictionaryNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as Variable and is of the type DataTypeDictionaryId .
OpcDataTypeEncodingNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as Object and is of the type ObjectTypeId.DataTypeEncodingType .

Name	Description
OpcDataTypeNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as DataType .
OpcDataTypeSystemNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as Object and is of the type ObjectTypelds.DataTypeSystemType .
OpcDeleteNodeHistory	
OpcDeleteNodeHistoryAtTime	
OpcDeleteNodeHistoryModified	
OpcDialogConditionExtension	Provides static (Shared in Visual Basic) extension methods to manage OpcDialogCondition objects.
OpcDialogConditionNodeExtension	Provides static (Shared in Visual Basic) extension methods to manage OpcDialogConditionNode objects.
OpcDialogRequestedEventArgs	Provides the event data for the DialogRequested event.
OpcDiscoveryClient	
OpcEventFilterConstrainedFactory	
OpcEventFilterFactory	
OpcEventReceivedEventArgs	Provides the event data for the EventReceived , EventReceived and EventReceived events.
OpcFile	Provides static (Shared in Visual Basic) methods for opening of a single file and aids in the creation of OpcFileStream objects.
OpcFileInfo	Provides properties and instance methods for the opening of files and aids in the creation of OpcFileStream objects.
OpcFileMethods	Provides static (Shared in Visual Basic) methods to directly interact with the method nodes of a file node.
OpcFileNodeContext	Describes a single file node accessed by an OpcClient .
OpcFileStream	Provides a Stream for a file node.
OpcFilter	
OpcFilterFactory	
OpcInstanceNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as a specialization of an instance node.
OpcMethodNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as Method .
OpcMonitoredItem	Represents a node and one of its attributes (= node data) to subscribe to monitor data changes or events on the node.
OpcMonitoredItemCollection	
OpcMonitoredItemReadOnlyCollection	Provides a read-only collection of OpcMonitoredItem instances.
OpcMonitoredItemStatus	Provides status and server revised setup information which belongs to a specific OpcMonitoredItem .
OpcNodeAccessContext	Describes a single node accessed by an OpcClient .
OpcNodeHistoryCommand	
OpcNodeInfo	Provides properties and methods for the examination of the attributes and references of a node.
OpcNodeStream	Provides a Stream for a binary variable node.

Name	Description
OpcNodeValueExtensions	Provides a set of static (Shared in Visual Basic) methods to perform different OpcClient related tasks using OpcNodeValue`1 instances.
OpcNotificationReceivedEventArgs	
OpcObjectNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as Object .
OpcObjectTypeNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as ObjectType .
OpcReadNodeHistory	
OpcReplaceNodeHistory	
OpcSubscribeDataChange	Represents a single OPC UA service command which addresses the 'CreateSubscription' service to define a single monitored item to monitor data changes through a subscription using the setup represented.
OpcSubscribeEvent	Represents a single OPC UA service command which addresses the 'CreateSubscription' service to define a single monitored item to monitor events through a subscription using the setup represented.
OpcSubscribeNode	Represents a single OPC UA service command which addresses the 'CreateSubscription' service to define a single monitored item of a subscription using the setup represented.
OpcSubscription	Provides mechanisms to monitor a set of attributes (= node data) and (node-related) events using notifications being reported from the server to the client.
OpcSubscriptionChangedEventArgs	
OpcSubscriptionCollection	Represents a collection of OpcSubscription instances.
OpcSubscriptionReadOnlyCollection	Provides a read-only collection of OpcSubscription instances.
OpcTypeNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as DataType , ObjectType or VariableType .
OpcUpdateNodeHistory	
OpcVariableNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as Variable .
OpcVariableTypeNodeInfo	Provides properties and methods for the examination of the attributes and references of a node which is classified as VariableType .
SafeOpcFileHandle	Represents a wrapper class for a OPC UA file handle.

Delegates

Name	Description
OpcDataChangeReceivedCallback	Represents the method that will process monitored item data changes published from the server.
OpcDataChangeReceivedEventHandler	
OpcDialogRequestedEventHandler	Represents the method that will handle DialogRequested events.

Name	Description
OpcEventReceivedCallback	Represents the method that will process monitored item events published from the server.
OpcEventReceivedEventHandler	Represents the method that will handle EventReceived , EventReceived and EventReceived events.
OpcNotificationReceivedEventHandler	
OpcSubscriptionChangedEventHandler	

Table of Contents

Classes	1
Delegates	3

