

OpcFileMethods Class

Namespace: Opc.UaFx.Client

Assemblies: Opc.UaFx.Advanced.dll

Provides static (Shared in Visual Basic) methods to directly interact with the method nodes of a file node.

C#

```
public static class OpcFileMethods
```

Inheritance Object > OpcFileMethods

Methods

Name	Description
Close(OpcClient, OpcNodeId, UInt32)	Closes the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
Close(OpcClient, OpcNodeId, UInt32, OpcCallMethodOptions)	Closes the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
Close(OpcFileNodeContext, UInt32)	Closes the file maintained by the file node referenced by the <code>context</code> specified.
Close(OpcFileNodeContext, UInt32, OpcCallMethodOptions)	Closes the file maintained by the file node referenced by the <code>context</code> specified.
GetPosition(OpcClient, OpcNodeId, UInt32)	Retrieves the position within the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
GetPosition(OpcClient, OpcNodeId, UInt32, OpcCallMethodOptions)	Retrieves the position within the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
GetPosition(OpcFileNodeContext, UInt32)	Retrieves the position within the file maintained by the file node referenced by the <code>context</code> specified.
GetPosition(OpcFileNodeContext, UInt32, OpcCallMethodOptions)	Retrieves the position within the file maintained by the file node referenced by the <code>context</code> specified.
IsFileNode(OpcClient, OpcNodeId)	Inspects the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> whether the node fulfills the requirements of accessing it in the manner of a OPC UA FileType.
IsFileNode(OpcFileNodeContext)	Inspects the file node referenced by the <code>context</code> specified whether the node fulfills the requirements of accessing it in the manner of a OPC UA FileType.
Open(OpcClient, OpcNodeId, Opc FileMode)	Opens the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .

Name	Description
Open(OpcClient, OpcNodeld, Opc FileMode, OpcCallMethodOptions)	Opens the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
Open(OpcFileNodeContext, Opc FileMode)	Opens the file maintained by the file node referenced by the <code>context</code> specified.
Open(OpcFileNodeContext, Opc FileMode, OpcCallMethodOptions)	Opens the file maintained by the file node referenced by the <code>context</code> specified.
Read(OpcClient, OpcNodeld, UInt32, Int32)	Reads the number of bytes specified by <code>length</code> from the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
Read(OpcClient, OpcNodeld, UInt32, Int32, OpcCallMethodOptions)	Reads the number of bytes specified by <code>length</code> from the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
Read(OpcFileNodeContext, UInt32, Int32)	Reads the number of bytes specified by <code>length</code> from the file maintained by the file node referenced by the <code>context</code> specified.
Read(OpcFileNodeContext, UInt32, Int32, OpcCallMethodOptions)	Reads the number of bytes specified by <code>length</code> from the file maintained by the file node referenced by the <code>context</code> specified.
SecureClose(OpcClient, OpcNodeld, SafeOpcFileHandle)	Closes the file maintained by the file node referenced by the <code>nodeId</code> specified using the further specified <code>OpcClient</code> .
SecureClose(OpcClient, OpcNodeld, SafeOpcFileHandle, OpcCallMethodOptions)	Closes the file maintained by the file node referenced by the <code>nodeId</code> specified using the further specified <code>OpcClient</code> .
SecureClose(OpcFileNodeContext, SafeOpcFileHandle)	Closes the file maintained by the file node referenced by the <code>context</code> specified.
SecureClose(OpcFileNodeContext, SafeOpcFileHandle, OpcCallMethodOptions)	Closes the file maintained by the file node referenced by the <code>context</code> specified.
SecureClose(SafeOpcFileHandle)	Closes the file <code>fileHandle</code> specified.
SecureClose(SafeOpcFileHandle, OpcCallMethodOptions)	Closes the file <code>fileHandle</code> specified.
SecureGetPosition(OpcClient, OpcNodeld, SafeOpcFileHandle)	Retrieves the position within the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
SecureGetPosition(OpcClient, OpcNodeld, SafeOpcFileHandle, OpcCallMethodOptions)	Retrieves the position within the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
SecureGetPosition(OpcFileNodeContext, SafeOpcFileHandle)	Retrieves the position within the file maintained by the file node referenced by the <code>context</code> specified.
SecureGetPosition(OpcFileNodeContext, SafeOpcFileHandle, OpcCallMethodOptions)	Retrieves the position within the file maintained by the file node referenced by the <code>context</code> specified.
SecureGetPosition(SafeOpcFileHandle)	Retrieves the position within the file identified by the <code>fileHandle</code> specified.
SecureGetPosition(SafeOpcFileHandle, OpcCallMethodOptions)	Retrieves the position within the file identified by the <code>fileHandle</code> specified.

Name	Description
SecureOpen(OpcClient, OpcNodeId, Opc FileMode)	Opens the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
SecureOpen(OpcClient, OpcNodeId, Opc FileMode, Opc CallMethodOptions)	Opens the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
SecureOpen(OpcFileNodeContext, Opc FileMode)	Opens the file maintained by the file node referenced by the <code>context</code> specified.
SecureOpen(OpcFileNodeContext, Opc FileMode, Opc CallMethodOptions)	Opens the file maintained by the file node referenced by the <code>context</code> specified.
SecureRead(OpcClient, OpcNodeId, SafeOpcFileHandle, Int32)	Reads the number of bytes specified by <code>length</code> from the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
SecureRead(OpcClient, OpcNodeId, SafeOpcFileHandle, Int32, Opc CallMethodOptions)	Reads the number of bytes specified by <code>length</code> from the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
SecureRead(OpcFileNodeContext, SafeOpcFileHandle, Int32)	Reads the number of bytes specified by <code>length</code> from the file maintained by the file node referenced by the <code>context</code> specified.
SecureRead(OpcFileNodeContext, SafeOpcFileHandle, Int32, Opc CallMethodOptions)	Reads the number of bytes specified by <code>length</code> from the file maintained by the file node referenced by the <code>context</code> specified.
SecureRead(SafeOpcFileHandle, Int32)	Reads the number of bytes specified by <code>length</code> from the file identified by the <code>fileHandle</code> specified.
SecureRead(SafeOpcFileHandle, Int32, Opc CallMethodOptions)	Reads the number of bytes specified by <code>length</code> from the file identified by the <code>fileHandle</code> specified.
SecureSetPosition(OpcClient, OpcNodeId, SafeOpcFileHandle, Int64)	Updates the position in the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> using <code>position</code> .
SecureSetPosition(OpcClient, OpcNodeId, SafeOpcFileHandle, Int64, Opc CallMethodOptions)	Updates the position in the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> using <code>position</code> .
SecureSetPosition(OpcFileNodeContext, SafeOpcFileHandle, Int64)	Updates the position in the file maintained by the file node referenced by the <code>context</code> specified using <code>position</code> .
SecureSetPosition(OpcFileNodeContext, SafeOpcFileHandle, Int64, Opc CallMethodOptions)	Updates the position in the file maintained by the file node referenced by the <code>context</code> specified using <code>position</code> .
SecureSetPosition(SafeOpcFileHandle, Int64)	Updates the position in the file identified by the <code>fileHandle</code> specified using <code>position</code> .
SecureSetPosition(SafeOpcFileHandle, Int64, Opc CallMethodOptions)	Updates the position in the file identified by the <code>fileHandle</code> specified using <code>position</code> .
SecureWrite(OpcClient, OpcNodeId, SafeOpcFileHandle, Byte)	Writes the <code>data</code> to the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .
SecureWrite(OpcClient, OpcNodeId, SafeOpcFileHandle, Byte, Opc CallMethodOptions)	Writes the <code>data</code> to the file maintained by the file node referenced by the <code>fileNodeId</code> specified using the further specified <code>OpcClient</code> .

Name	Description
SecureWrite(OpcFileNodeContext, SafeOpcFileHandle, Byte)	Writes the data to the file maintained by the file node referenced by the context specified.
SecureWrite(OpcFileNodeContext, SafeOpcFileHandle, Byte, OpcCallMethodOptions)	Writes the data to the file maintained by the file node referenced by the context specified.
SecureWrite(SafeOpcFileHandle, Byte)	Writes the data to the file identified by the fileHandle specified.
SecureWrite(SafeOpcFileHandle, Byte, OpcCallMethodOptions)	Writes the data to the file identified by the fileHandle specified.
SetPosition(OpcClient, OpcNodeld, UInt32, UInt64)	Updates the position in the file maintained by the file node referenced by the fileNodeId specified using the further specified OpcClient using position .
SetPosition(OpcClient, OpcNodeld, UInt32, UInt64, OpcCallMethodOptions)	Updates the position in the file maintained by the file node referenced by the fileNodeId specified using the further specified OpcClient using position .
SetPosition(OpcFileNodeContext, UInt32, UInt64)	Updates the position in the file maintained by the file node referenced by the context specified using position .
SetPosition(OpcFileNodeContext, UInt32, UInt64, OpcCallMethodOptions)	Updates the position in the file maintained by the file node referenced by the context specified using position .
Write(OpcClient, OpcNodeld, UInt32, Byte)	Writes the data to the file maintained by the file node referenced by the fileNodeId specified using the further specified OpcClient .
Write(OpcClient, OpcNodeld, UInt32, Byte, OpcCallMethodOptions)	Writes the data to the file maintained by the file node referenced by the fileNodeId specified using the further specified OpcClient .
Write(OpcFileNodeContext, UInt32, Byte)	Writes the data to the file maintained by the file node referenced by the context specified.
Write(OpcFileNodeContext, UInt32, Byte, OpcCallMethodOptions)	Writes the data to the file maintained by the file node referenced by the context specified.

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