

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

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

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

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, OpcNodeId, 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, OpcNodeId, 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, OpcNodeId, 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, OpcNodeId, 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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