

OpcFileStream Class

Namespace: Opc.UaFx.Client

Assemblies: Opc.UaFx.Advanced.dll

Provides a [Stream](#) for a file node.

C#

```
public class OpcFileStream : Stream, IDisposable
```

Inheritance [Object](#) > [MarshalByRefObject](#) > [Stream](#) > OpcFileStream

Implements [IDisposable](#)

Constructors

Name	Description
OpcFileStream(OpcClient, OpcNodeId, OpcFileMode)	Initializes a new instance of the OpcFileStream class using the specified client , fileNodeId and mode .
OpcFileStream(OpcFileInfo, OpcFileMode)	Initializes a new instance of the OpcFileStream class using the specified file and mode .
OpcFileStream(OpcFileNodeContext, OpcFileMode)	Initializes a new instance of the OpcFileStream class using the specified context and mode .

Properties

Name	Description
CanRead	Gets a value indicating whether the current stream supports reading.
CanSeek	Gets a value indicating whether the current stream supports seeking.
CanWrite	Gets a value indicating whether the current stream supports writing.
File	Gets the OpcFileInfo used to determine the file accessibility and its size.
Handle	Gets a SafeOpcFileHandle object that represents the file handle for the file that the current OpcFileStream object encapsulates.
Length	Gets the length in bytes of the stream.
Position	Gets or sets the position within the current stream.

Methods

Name	Description
Close	Closes the current stream and releases any resources associated with the current stream. Instead of calling this method, ensure that the stream is properly disposed.
Flush	Clears all buffers for this stream and causes any buffered data to be written to the underlying device.
Read(Byte, Int32, Int32)	Reads a sequence of bytes from the current stream and advances the position within the stream by the number of bytes read.
Seek(Int64, SeekOrigin)	Sets the position within the current stream.

Name	Description
SetLength(Int64)	Sets the length of the current stream.
Write(Byte, Int32, Int32)	Writes a sequence of bytes to the current stream and advances the current position within this stream by the number of bytes written.

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