

OpcFileInfo Members

Namespace: Opc.UaFx

Assemblies: Opc.UaFx.Advanced.dll, Opc.UaFx.Advanced.dll

The [OpcFileInfo](#) type exposes the following members.

Constructors

OpcFileInfo(FileInfo)

Initializes a new instance of the [OpcFileInfo](#) class with the [FileInfo](#) to use as the [underlyingFileInfo](#).

C#

```
public OpcFileInfo(FileInfo underlyingFileInfo)
```

Parameters

[underlyingFileInfo](#) [FileInfo](#)

The underlying [FileInfo](#) to use.

Exceptions

[ArgumentNullException](#)

The [underlyingFileInfo](#) is a null reference (Nothing in Visual Basic).

OpcFileInfo(String)

Initializes a new instance of the [OpcFileInfo](#) class with the [filePath](#) specified.

C#

```
public OpcFileInfo(string filePath)
```

Parameters

[filePath](#) [String](#)

The fully qualified path or the relative path to the file to represent.

Properties

Exists

Gets a value indicating whether a file exists.

C#

```
public bool Exists { get; }
```

Property Value

Boolean

The value true if the file exists; false if the file does not exist.

IsReadOnly

Gets or sets a value that determines if the current file is read only.

C#

```
public virtual bool IsReadOnly { get; }
```

Property Value

Boolean

The value true if the current file is read only; otherwise the value false.

Length

Gets the size, in bytes, of the current file.

C#

```
public long Length { get; }
```

Property Value

Int64

The size of the current file in bytes.

UnderlyingFileInfo

Gets the underlying [FileInfo](#) used by the current [OpcFileInfo](#).

C#

```
public FileInfo UnderlyingFileInfo { get; }
```

Property Value

FileInfo

The instance of the [FileInfo](#) class used by the current [OpcFileInfo](#).

Methods

GetMimeType()

Determines the internet media type (mime- or content-type) of the file.

C#

```
public string GetMimeType()
```

Returns

[String](#)

The type name according to the specification of multipurpose internet mail extensions (MIME) of the file represented.

Open(OpcFileMode)

Opens a file in the specified mode.

C#

```
public virtual Stream Open(OpcFileMode mode)
```

Parameters

mode [OpcFileMode](#)

A [OpcFileMode](#) value specifying the mode in which to open the file.

Returns

[Stream](#)

A file opened in the specified mode.

Exceptions

[ArgumentException](#)

The file **mode** specified is invalid.

OpenCore(FileMode, FileAccess, FileShare)

Opens the underlying file info with the specified mode, access, and share.

C#

```
protected virtual Stream OpenCore(FileMode fileMode, FileAccess fileAccess, FileShare fileShare)
```

Parameters

fileMode [FileMode](#)

A [FileMode](#) constant specifying the mode (for example, Open or Append) in which to open the file.

fileAccess [FileAccess](#)

A [FileAccess](#) constant specifying whether to open the file with Read, Write, or ReadWrite file access.

fileShare [FileShare](#)

A [FileShare](#) constant specifying the type of access other FileStream objects have to this file.

Returns

[Stream](#)

A [FileStream](#) object opened with the specified mode, access, and sharing options.

Refresh()

Refreshes the state of the object.

C#

```
public void Refresh()
```

Exceptions

[IOException](#)

A device such as a disk drive is not ready.

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