MCManager classes

Moxiecode.FileManager Namespace

Namespace hierarchy

Classes

Class	Description
FileManagerPlugin	Description of FileManager.

MCManager classes

FileManagerPlugin Class

Description of FileManager.

For a list of all members of this type, see FileManagerPlugin Members.

System.Object Moxiecode.Manager.Plugin
  Moxiecode.FileManager.FileManagerPlugin

```
public class FileManagerPlugin : Plugin
```

Thread Safety

Public static (**Shared** in Visual Basic) members of this type are safe for multithreaded operations. Instance members are **not** guaranteed to be thread-safe.

Requirements

Namespace: Moxiecode.FileManager

Assembly: MCFileManager (in MCFileManager.dll)

See Also

FileManagerPlugin Members | Moxiecode.FileManager Namespace

MCManager classes

FileManagerPlugin Members

FileManagerPlugin overview

Public Instance Constructors

FileManagerPlugin Constructor	Initializes a new instance of the FileManagerPlugin class.

Public Instance Properties

Prefix	
ShortName (inherited from **Moxiecode.Manager.Plugin**)	

Public Instance Methods

Equals (inherited from **Object**)	Determines whether the specified Object is equal to the current Object.
GetHashCode (inherited from **Object**)	Serves as a hash function for a particular type. **GetHashCode** is suitable for use in hashing algorithms and data structures like a hash table.
GetType (inherited from **Object**)	Gets the Type of the current instance.
OnAfterStream (inherited from **Moxiecode.Manager.Plugin**)	
OnAfterUpload (inherited from **Moxiecode.Manager.Plugin**)	
OnAuthenticate (inherited from **Moxiecode.Manager.Plugin**)	
OnBeforeFileAction (inherited	

from **Moxiecode.Manager.Plugin**)	
OnBeforeRPC (inherited from **Moxiecode.Manager.Plugin**)	
OnBeforeStream (inherited from **Moxiecode.Manager.Plugin**)	
OnBeforeUpload (inherited from **Moxiecode.Manager.Plugin**)	
OnCustomInfo	
OnFileAction (inherited from **Moxiecode.Manager.Plugin**)	
OnInit	
OnInsertFile (inherited from **Moxiecode.Manager.Plugin**)	
OnLogin (inherited from **Moxiecode.Manager.Plugin**)	
OnLogout (inherited from **Moxiecode.Manager.Plugin**)	
OnPreInit	
OnRPC	
OnStream (inherited from **Moxiecode.Manager.Plugin**)	
OnUpload (inherited from **Moxiecode.Manager.Plugin**)	
ToString (inherited from **Object**)	Returns a String that represents the current Object.

Protected Instance Methods

Finalize (inherited from **Object**)	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection.
MemberwiseClone (inherited from **Object**)	Creates a shallow copy of the current Object.

See Also

FileManagerPlugin Class | Moxiecode.FileManager Namespace

MCManager classes

FileManagerPlugin Constructor

Initializes a new instance of the FileManagerPlugin class.

```
public FileManagerPlugin();
```

See Also

FileManagerPlugin Class | Moxiecode.FileManager Namespace

MCManager classes

FileManagerPlugin Properties

The properties of the **FileManagerPlugin** class are listed below. For a complete list of **FileManagerPlugin** class members, see the FileManagerPlugin Members topic.

Public Instance Properties

Prefix	
ShortName (inherited from **Moxiecode.Manager.Plugin**)	

See Also

FileManagerPlugin Class | Moxiecode.FileManager Namespace

MCManager classes

FileManagerPlugin.Prefix Property

```
public override string Prefix {get;}
```

Implements

IPlugin.Prefix

See Also

FileManagerPlugin Class | Moxiecode.FileManager Namespace

MCManager classes

FileManagerPlugin Methods

The methods of the **FileManagerPlugin** class are listed below. For a complete list of **FileManagerPlugin** class members, see the FileManagerPlugin Members topic.

Public Instance Methods

Equals (inherited from **Object**)	Determines whether the specified Object is equal to the current Object.
GetHashCode (inherited from **Object**)	Serves as a hash function for a particular type. **GetHashCode** is suitable for use in hashing algorithms and data structures like a hash table.
GetType (inherited from **Object**)	Gets the Type of the current instance.
OnAfterStream (inherited from **Moxiecode.Manager.Plugin**)	
OnAfterUpload (inherited from **Moxiecode.Manager.Plugin**)	
OnAuthenticate (inherited from **Moxiecode.Manager.Plugin**)	
OnBeforeFileAction (inherited from **Moxiecode.Manager.Plugin**)	
OnBeforeRPC (inherited from **Moxiecode.Manager.Plugin**)	
OnBeforeStream (inherited from **Moxiecode.Manager.Plugin**)	
OnBeforeUpload (inherited	

from **Moxiecode.Manager.Plugin**)	
OnCustomInfo	
OnFileAction (inherited from **Moxiecode.Manager.Plugin**)	
OnInit	
OnInsertFile (inherited from **Moxiecode.Manager.Plugin**)	
OnLogin (inherited from **Moxiecode.Manager.Plugin**)	
OnLogout (inherited from **Moxiecode.Manager.Plugin**)	
OnPreInit	
OnRPC	
OnStream (inherited from **Moxiecode.Manager.Plugin**)	
OnUpload (inherited from **Moxiecode.Manager.Plugin**)	
ToString (inherited from **Object**)	Returns a String that represents the current Object.

Protected Instance Methods

Finalize (inherited from **Object**)	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection.
MemberwiseClone (inherited from **Object**)	Creates a shallow copy of the current Object.

See Also

MCManager classes

FileManagerPlugin.OnCustomInfo Method

```
public override bool OnCustomInfo(
   ManagerEngine man,
   IFile file,
   string type,
   Hashtable info
);
```

Parameters

man

file

type

info

Return Value

Implements

IPlugin.OnCustomInfo

See Also

FileManagerPlugin Class | Moxiecode.FileManager Namespace

MCManager classes

FileManagerPlugin.OnInit Method

```
public override bool OnInit(
   ManagerEngine man
);
```

Parameters

man

Return Value

Implements

IPlugin.OnInit

See Also

FileManagerPlugin Class | Moxiecode.FileManager Namespace

MCManager classes

FileManagerPlugin.OnPreInit Method

```
public override bool OnPreInit(
   ManagerEngine man,
   string prefix
);
```

Parameters

man

prefix

Return Value

Implements

IPlugin.OnPreInit

See Also

FileManagerPlugin Class | Moxiecode.FileManager Namespace

MCManager classes

FileManagerPlugin.OnRPC Method

```
public override object OnRPC(
   ManagerEngine man,
   string cmd,
   Hashtable input
);
```

Parameters

man

cmd

input

Return Value

Implements

IPlugin.OnRPC

See Also

FileManagerPlugin Class | Moxiecode.FileManager Namespace

MCManager classes

Moxiecode.FileManager.FileSystems Namespace

Namespace hierarchy

Classes

Class	Description
ZipDataSource	
ZipFileFactory	LocalFileFactroy, generates new file instances.
ZipFileImpl	This class is the local file system implementation of IFile.
ZipFileStream	

MCManager classes

ZipDataSource Class

For a list of all members of this type, see ZipDataSource Members.

System.Object
  Moxiecode.FileManager.FileSystems.ZipDataSource

```
public class ZipDataSource :
  IStaticDataSource
```

Thread Safety

Public static (**Shared** in Visual Basic) members of this type are safe for multithreaded operations. Instance members are **not** guaranteed to be thread-safe.

Requirements

Namespace: Moxiecode.FileManager.FileSystems

Assembly: MCFileManager (in MCFileManager.dll)

See Also

ZipDataSource Members | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipDataSource Members

ZipDataSource overview

Public Instance Constructors

ZipDataSource Constructor	

Public Instance Methods

Equals (inherited from **Object**)	Determines whether the specified Object is equal to the current Object.
GetHashCode (inherited from **Object**)	Serves as a hash function for a particular type. **GetHashCode** is suitable for use in hashing algorithms and data structures like a hash table.
GetSource	
GetType (inherited from **Object**)	Gets the Type of the current instance.
ToString (inherited from **Object**)	Returns a String that represents the current Object.

Protected Instance Methods

Finalize (inherited from **Object**)	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection.
MemberwiseClone (inherited from **Object**)	Creates a shallow copy of the current Object.

See Also

ZipDataSource Class | Moxiecode.FileManager.FileSystems

Namespace

MCManager classes

ZipDataSource Constructor

```
public ZipDataSource(
   Stream stream
);
```

Parameters

stream

See Also

ZipDataSource Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipDataSource Methods

The methods of the **ZipDataSource** class are listed below. For a complete list of **ZipDataSource** class members, see the ZipDataSource Members topic.

Public Instance Methods

Equals (inherited from **Object**)	Determines whether the specified Object is equal to the current Object.
GetHashCode (inherited from **Object**)	Serves as a hash function for a particular type. **GetHashCode** is suitable for use in hashing algorithms and data structures like a hash table.
GetSource	
GetType (inherited from **Object**)	Gets the Type of the current instance.
ToString (inherited from **Object**)	Returns a String that represents the current Object.

Protected Instance Methods

Finalize (inherited from **Object**)	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection.
MemberwiseClone (inherited from **Object**)	Creates a shallow copy of the current Object.

See Also

ZipDataSource Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipDataSource.GetSource Method

```
public Stream GetSource();
```

Return Value

Implements

IStaticDataSource.GetSource

See Also

ZipDataSource Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileFactory Class

LocalFileFactroy, generates new file instances.

For a list of all members of this type, see ZipFileFactory Members.

System.Object
  Moxiecode.FileManager.FileSystems.ZipFileFactory

```
public class ZipFileFactory : IFileFactory
```

Thread Safety

Public static (**Shared** in Visual Basic) members of this type are safe for multithreaded operations. Instance members are **not** guaranteed to be thread-safe.

Requirements

Namespace: Moxiecode.FileManager.FileSystems

Assembly: MCFileManager (in MCFileManager.dll)

See Also

ZipFileFactory Members | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileFactory Members

ZipFileFactory overview

Public Instance Constructors

ZipFileFactory Constructor	Initializes a new instance of the ZipFileFactory class.

Public Instance Methods

Equals (inherited from **Object**)	Determines whether the specified Object is equal to the current Object.
GetFile	Creates a new file instance.
GetHashCode (inherited from **Object**)	Serves as a hash function for a particular type. **GetHashCode** is suitable for use in hashing algorithms and data structures like a hash table.
GetType (inherited from **Object**)	Gets the Type of the current instance.
ToString (inherited from **Object**)	Returns a String that represents the current Object.

Protected Instance Methods

Finalize (inherited from **Object**)	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection.
MemberwiseClone (inherited from **Object**)	Creates a shallow copy of the current Object.

See Also

ZipFileFactory Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileFactory Constructor

Initializes a new instance of the ZipFileFactory class.

```
public ZipFileFactory();
```

See Also

ZipFileFactory Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileFactory Methods

The methods of the **ZipFileFactory** class are listed below. For a complete list of **ZipFileFactory** class members, see the ZipFileFactory Members topic.

Public Instance Methods

Equals (inherited from **Object**)	Determines whether the specified Object is equal to the current Object.
GetFile	Creates a new file instance.
GetHashCode (inherited from **Object**)	Serves as a hash function for a particular type. **GetHashCode** is suitable for use in hashing algorithms and data structures like a hash table.
GetType (inherited from **Object**)	Gets the Type of the current instance.
ToString (inherited from **Object**)	Returns a String that represents the current Object.

Protected Instance Methods

Finalize (inherited from **Object**)	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection.
MemberwiseClone (inherited from **Object**)	Creates a shallow copy of the current Object.

See Also

ZipFileFactory Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileFactory.GetFile Method

Creates a new file instance.

```
public IFile GetFile(
   ManagerEngine man,
   string path,
   string child,
   FileType type
);
```

Parameters

man
Associated ManagerEngine.

path
Absolute path to the file.

child
Child name inside the path. Could be null or empty string.

type
Default file type, if the file doesn't exist yet.

Implements

IFileFactory.GetFile

See Also

ZipFileFactory Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl Class

This class is the local file system implementation of IFile.

For a list of all members of this type, see ZipFileImpl Members.

System.Object Moxiecode.Manager.FileSystems.BaseFile
  Moxiecode.FileManager.FileSystems.ZipFileImpl

```
public class ZipFileImpl : BaseFile,
  IDisposable
```

Thread Safety

Public static (**Shared** in Visual Basic) members of this type are safe for multithreaded operations. Instance members are **not** guaranteed to be thread-safe.

Requirements

Namespace: Moxiecode.FileManager.FileSystems

Assembly: MCFileManager (in MCFileManager.dll)

See Also

ZipFileImpl Members | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl Members

ZipFileImpl overview

Public Instance Constructors

ZipFileImpl Constructor	Initializes a file instance by a absolute path, child name and type. This can be userful when filtering non existing files.

Public Instance Properties

AbsolutePath	Absolute file/directory path.
CanRead (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
CanWrite (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
Config	
CreationDate	Creation date of the file/directory.
Exists	Exists state.
InnerPath	
IsDirectory	Is directory state.
IsFile	Is file state.
LastModified	Last modification date of the file/directory.
Length	File size in bytes.
Name	File/Directory name without the path.

Parent	Absolute path of parent directory.
ParentFile	IFile of parent directory.
TriggerEvents (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
ZipEntry	
ZipPath	

Public Instance Methods

CopyTo (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
Delete	Overloaded.
DispatchBeforeFileAction (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	Overloaded.
DispatchFileAction (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	Overloaded.
Dispose	
Equals (inherited from **Object**)	Determines whether the specified Object is equal to the current Object.
ExportFile	
GetHashCode (inherited from **Object**)	Serves as a hash function for a particular type. **GetHashCode** is suitable for use in hashing algorithms and data

	structures like a hash table.
GetType (inherited from **Object**)	Gets the Type of the current instance.
ImportFile	
ListFiles	List files in the specified directory.
ListFilesFiltered	List files by the specified filter.
ListTree	Lists a tree of files within a directory.
ListTreeFiltered	Lists a tree of tiles within a directory by the specified filter.
MkDir	
Open	
OpenZipFile	
RenameTo (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
ToString (inherited from **Object**)	Returns a String that represents the current Object.

Protected Instance Fields

absPath (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
fileTree (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	

manager (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
triggerEventsState (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	

Protected Instance Methods

Finalize (inherited from **Object**)	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection.
MemberwiseClone (inherited from **Object**)	Creates a shallow copy of the current Object.

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl Constructor

Initializes a file instance by a absolute path, child name and type. This can be userful when filtering non existing files.

```
public ZipFileImpl(
   ManagerEngine man,
   string absolute_path,
   string child_name,
   FileType type
);
```

Parameters

man
Reference to manager that requested the file.

absolute_path
Absolute file/directory path.

child_name
Name of child file for the directory.

type
Type of file to create.

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl Properties

The properties of the **ZipFileImpl** class are listed below. For a complete list of **ZipFileImpl** class members, see the ZipFileImpl Members topic.

Public Instance Properties

AbsolutePath	Absolute file/directory path.
CanRead (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
CanWrite (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
Config	
CreationDate	Creation date of the file/directory.
Exists	Exists state.
InnerPath	
IsDirectory	Is directory state.
IsFile	Is file state.
LastModified	Last modification date of the file/directory.
Length	File size in bytes.
Name	File/Directory name without the path.
Parent	Absolute path of parent directory.
ParentFile	IFile of parent directory.

TriggerEvents (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
ZipEntry	
ZipPath	

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.AbsolutePath Property

Absolute file/directory path.

```
public override string AbsolutePath {get;}
```

Implements

IFile.AbsolutePath

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.Config Property

```
public override Moxiecode.Manager.ManagerCon
```

Implements

IFile.Config

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.CreationDate Property

Creation date of the file/directory.

```
public override System.DateTime CreationDate
```

Implements

IFile.CreationDate

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.Exists Property

Exists state.

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

Implements

IFile.Exists

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.InnerPath Property

```
public string InnerPath {get;}
```

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.IsDirectory Property

Is directory state.

```
public override bool IsDirectory {get;}
```

Implements

IFile.IsDirectory

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.IsFile Property

Is file state.

```
public override bool IsFile {get;}
```

Implements

IFile.IsFile

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.LastModified Property

Last modification date of the file/directory.

```
public override System.DateTime LastModified
```

Implements

IFile.LastModified

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.Length Property

File size in bytes.

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

Implements

IFile.Length

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.Name Property

File/Directory name without the path.

```
public override string Name {get;}
```

Implements

IFile.Name

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.Parent Property

Absolute path of parent directory.

```
public override string Parent {get;}
```

Implements

IFile.Parent

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.ParentFile Property

IFile of parent directory.

```
public override Moxiecode.Manager.FileSystem
```

Implements

IFile.ParentFile

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.ZipEntry Property

```
public ICSharpCode.SharpZipLib.Zip.ZipEntry z
```

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.ZipPath Property

```
public string ZipPath {get;}
```

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl Methods

The methods of the **ZipFileImpl** class are listed below. For a complete list of **ZipFileImpl** class members, see the ZipFileImpl Members topic.

Public Instance Methods

CopyTo (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
Delete	Overloaded.
DispatchBeforeFileAction (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	Overloaded.
DispatchFileAction (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	Overloaded.
Dispose	
Equals (inherited from **Object**)	Determines whether the specified Object is equal to the current Object.
ExportFile	
GetHashCode (inherited from **Object**)	Serves as a hash function for a particular type. **GetHashCode** is suitable for use in hashing algorithms and data structures like a hash table.
GetType (inherited from **Object**)	Gets the Type of the current instance.

ImportFile	
ListFiles	List files in the specified directory.
ListFilesFiltered	List files by the specified filter.
ListTree	Lists a tree of files within a directory.
ListTreeFiltered	Lists a tree of tiles within a directory by the specified filter.
MkDir	
Open	
OpenZipFile	
RenameTo (inherited from **Moxiecode.Manager.FileSystems.BaseFile**)	
ToString (inherited from **Object**)	Returns a String that represents the current Object.

Protected Instance Methods

Finalize (inherited from **Object**)	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection.
MemberwiseClone (inherited from **Object**)	Creates a shallow copy of the current Object.

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems

Namespace

MCManager classes

ZipFileImpl.Delete Method

Overload List

public override bool Delete();

public override bool Delete(bool);

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.Delete Method ()

```
public override bool Delete();
```

Return Value

Implements

IFile.Delete

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace | ZipFileImpl.Delete Overload List

MCManager classes

ZipFileImpl.Delete Method (Boolean)

```
public override bool Delete(
   bool deep
);
```

Parameters

deep

Return Value

Implements

IFile.Delete

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace | ZipFileImpl.Delete Overload List

MCManager classes

ZipFileImpl.Dispose Method

```
public void Dispose();
```

Implements

IDisposable.Dispose

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.ExportFile Method

```
public override void ExportFile(
   string local_absolute_path
);
```

Parameters

local_absolute_path

Implements

IFile.ExportFile

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.ImportFile Method

```
public override void ImportFile(
   string local_absolute_path
);
```

Parameters

local_absolute_path

Implements

IFile.ImportFile

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.ListFiles Method

List files in the specified directory.

```
public override IFile[] ListFiles();
```

Return Value

List of files within the directory.

Implements

IFile.ListFiles

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.ListFilesFiltered Method

List files by the specified filter.

```
public override IFile[] ListFilesFiltered(
   IFileFilter filter
);
```

Parameters

filter
Instance to filter by.

Return Value

Filter list of files.

Implements

IFile.ListFilesFiltered

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.ListTree Method

Lists a tree of files within a directory.

```
public override IFile[] ListTree();
```

Return Value

List of files within the tree.

Implements

IFile.ListTree

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.ListTreeFiltered Method

Lists a tree of tiles within a directory by the specified filter.

```
public override IFile[] ListTreeFiltered(
   IFileFilter filter
);
```

Parameters

filter
Instance to filter by.

Return Value

Returns a filtered list of files.

Implements

IFile.ListTreeFiltered

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.MkDir Method

```
public override bool MkDir();
```

Return Value

Implements

IFile.MkDir

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.Open Method

```
public override Stream Open(
   FileMode mode
);
```

Parameters

mode

Return Value

Implements

IFile.Open

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileImpl.OpenZipFile Method

```
public ZipFile OpenZipFile();
```

Return Value

See Also

ZipFileImpl Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileStream Class

For a list of all members of this type, see ZipFileStream Members.

System.Object System.MarshalByRefObject
  System.IO.Stream
    System.IO.MemoryStream
      Moxiecode.FileManager.FileSystems.ZipFileStream

```
public class ZipFileStream : MemoryStream
```

Thread Safety

Public static (**Shared** in Visual Basic) members of this type are safe for multithreaded operations. Instance members are **not** guaranteed to be thread-safe.

Requirements

Namespace: Moxiecode.FileManager.FileSystems

Assembly: MCFileManager (in MCFileManager.dll)

See Also

ZipFileStream Members | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileStream Members

ZipFileStream overview

Public Instance Constructors

ZipFileStream Constructor	

Public Instance Properties

CanRead (inherited from **MemoryStream**)	Gets a value indicating whether the current stream supports reading.
CanSeek (inherited from **MemoryStream**)	Gets a value indicating whether the current stream supports seeking.
CanTimeout (inherited from **Stream**)	Gets a value that determines whether the current stream can time out.
CanWrite (inherited from **MemoryStream**)	Gets a value indicating whether the current stream supports writing.
Capacity (inherited from **MemoryStream**)	Gets or sets the number of bytes allocated for this stream.
Length (inherited from **MemoryStream**)	Gets the length of the stream in bytes.
Position (inherited from **MemoryStream**)	Gets or sets the current position within the stream.
ReadTimeout (inherited from **Stream**)	Gets or sets a value that determines how long the stream will attempt to read before timing out.
WriteTimeout (inherited from **Stream**)	Gets or sets a value that determines how long the stream

	will attempt to write before timing out.

Public Instance Methods

BeginRead (inherited from **Stream**)	Begins an asynchronous read operation.
BeginWrite (inherited from **Stream**)	Begins an asynchronous write operation.
Close	
CreateObjRef (inherited from **MarshalByRefObject**)	Creates an object that contains all the relevant information required to generate a proxy used to communicate with a remote object.
Dispose (inherited from **Stream**)	Overloaded. Releases all resources used by the Stream.
EndRead (inherited from **Stream**)	Waits for the pending asynchronous read to complete.
EndWrite (inherited from **Stream**)	Ends an asynchronous write operation.
Equals (inherited from **Object**)	Determines whether the specified Object is equal to the current Object.
Flush (inherited from **MemoryStream**)	Overrides Flush so that no action is performed.
GetBuffer (inherited from **MemoryStream**)	Returns the array of unsigned bytes from which this stream was created.
GetHashCode (inherited from **Object**)	Serves as a hash function for a particular type. **GetHashCode** is suitable for use in hashing algorithms and data structures

	like a hash table.
GetLifetimeService (inherited from **MarshalByRefObject**)	Retrieves the current lifetime service object that controls the lifetime policy for this instance.
GetType (inherited from **Object**)	Gets the Type of the current instance.
InitializeLifetimeService (inherited from **MarshalByRefObject**)	Obtains a lifetime service object to control the lifetime policy for this instance.
Read (inherited from **MemoryStream**)	Reads a block of bytes from the current stream and writes the data to buffer.
ReadByte (inherited from **MemoryStream**)	Reads a byte from the current stream.
Seek (inherited from **MemoryStream**)	Sets the position within the current stream to the specified value.
SetLength (inherited from **MemoryStream**)	Sets the length of the current stream to the specified value.
ToArray (inherited from **MemoryStream**)	Writes the entire stream contents to a byte array, regardless of the Position property.
ToString (inherited from **Object**)	Returns a String that represents the current Object.
Write (inherited from **MemoryStream**)	Writes a block of bytes to the current stream using data read from buffer.
WriteByte (inherited from **MemoryStream**)	Writes a byte to the current stream at the current position.
WriteTo (inherited from **MemoryStream**)	Writes the entire contents of this memory stream to another

	stream.

Protected Instance Methods

CreateWaitHandle (inherited from **Stream**)	**Obsolete.** Allocates a WaitHandle object.
Dispose (inherited from **MemoryStream**)	Overloaded. Releases the unmanaged resources used by the MemoryStream and optionally releases the managed resources.
Finalize (inherited from **Object**)	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection.
MemberwiseClone (inherited from **MarshalByRefObject**)	Overloaded. Creates a shallow copy of the current MarshalByRefObject object.
MemberwiseClone (inherited from **Object**)	Overloaded. Creates a shallow copy of the current Object.

See Also

ZipFileStream Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileStream Constructor

```
public ZipFileStream(
   ZipFileImpl file,
   FileMode mode
);
```

Parameters

file

mode

See Also

ZipFileStream Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileStream Methods

The methods of the **ZipFileStream** class are listed below. For a complete list of **ZipFileStream** class members, see the ZipFileStream Members topic.

Public Instance Methods

BeginRead (inherited from **Stream**)	Begins an asynchronous read operation.
BeginWrite (inherited from **Stream**)	Begins an asynchronous write operation.
Close	
CreateObjRef (inherited from **MarshalByRefObject**)	Creates an object that contains all the relevant information required to generate a proxy used to communicate with a remote object.
Dispose (inherited from **Stream**)	Overloaded. Releases all resources used by the Stream.
EndRead (inherited from **Stream**)	Waits for the pending asynchronous read to complete.
EndWrite (inherited from **Stream**)	Ends an asynchronous write operation.
Equals (inherited from **Object**)	Determines whether the specified Object is equal to the current Object.
Flush (inherited from **MemoryStream**)	Overrides Flush so that no action is performed.
GetBuffer (inherited from **MemoryStream**)	Returns the array of unsigned bytes from which this stream was created.
GetHashCode (inherited from	Serves as a hash function for a

Object)	particular type. **GetHashCode** is suitable for use in hashing algorithms and data structures like a hash table.
GetLifetimeService (inherited from **MarshalByRefObject**)	Retrieves the current lifetime service object that controls the lifetime policy for this instance.
GetType (inherited from **Object**)	Gets the Type of the current instance.
InitializeLifetimeService (inherited from **MarshalByRefObject**)	Obtains a lifetime service object to control the lifetime policy for this instance.
Read (inherited from **MemoryStream**)	Reads a block of bytes from the current stream and writes the data to buffer.
ReadByte (inherited from **MemoryStream**)	Reads a byte from the current stream.
Seek (inherited from **MemoryStream**)	Sets the position within the current stream to the specified value.
SetLength (inherited from **MemoryStream**)	Sets the length of the current stream to the specified value.
ToArray (inherited from **MemoryStream**)	Writes the entire stream contents to a byte array, regardless of the Position property.
ToString (inherited from **Object**)	Returns a String that represents the current Object.
Write (inherited from **MemoryStream**)	Writes a block of bytes to the current stream using data read from buffer.
WriteByte (inherited from	Writes a byte to the current

MemoryStream)	stream at the current position.
WriteTo (inherited from **MemoryStream**)	Writes the entire contents of this memory stream to another stream.

Protected Instance Methods

CreateWaitHandle (inherited from **Stream**)	**Obsolete.** Allocates a WaitHandle object.
Dispose (inherited from **MemoryStream**)	Overloaded. Releases the unmanaged resources used by the MemoryStream and optionally releases the managed resources.
Finalize (inherited from **Object**)	Allows an Object to attempt to free resources and perform other cleanup operations before the Object is reclaimed by garbage collection.
MemberwiseClone (inherited from **MarshalByRefObject**)	Overloaded. Creates a shallow copy of the current MarshalByRefObject object.
MemberwiseClone (inherited from **Object**)	Overloaded. Creates a shallow copy of the current Object.

See Also

ZipFileStream Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

ZipFileStream.Close Method

```
public override void Close();
```

See Also

ZipFileStream Class | Moxiecode.FileManager.FileSystems Namespace

MCManager classes

Moxiecode.FileManager Hierarchy

System.Object

Moxiecode.Manager.Plugin ---- Moxiecode.Manager.IPlugin

Moxiecode.FileManager.FileManagerPlugin

See Also

Moxiecode.FileManager Namespace

MCManager classes

Moxiecode.FileManager.FileSystems Hierarchy

- System.Object
  - Moxiecode.FileManager.FileSystems.ZipDataSource ---- ICSharpCode.SharpZipLib.Zip.IStaticDataSource
  - Moxiecode.FileManager.FileSystems.ZipFileFactory ---- Moxiecode.Manager.FileSystems.IFileFactory
  - Moxiecode.Manager.FileSystems.BaseFile ---- Moxiecode.Manager.FileSystems.IFile
    - Moxiecode.FileManager.FileSystems.ZipFileImpl ---- System.IDisposable
  - System.MarshalByRefObject
    - System.IO.Stream ---- System.IDisposable
      - System.IO.MemoryStream
        - Moxiecode.FileManager.FileSystems.ZipFileStream

See Also

Moxiecode.FileManager.FileSystems Namespace