FolkerKinzel.Helpers Namespace

Helper classes

Classes

BinaryFile	**Helper class for operations with binary files.**
TextFile	Helper class for operations with text files.

BinaryFile Class

Helper class for operations with binary files.

Definition

Namespace: FolkerKinzel.Helpers
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static class BinaryFile
```

Inheritance	**Object** → `BinaryFile`

Methods

Load	**Loads a binary file.**
Open	Opens a file.
Save	Saves a byte array to a file.

See Also

Reference

FolkerKinzel.Helpers Namespace

BinaryFile.Load Method

Loads a binary file.

Definition

Namespace: FolkerKinzel.Helpers
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static byte[] Load(
	string filePath
)
```

Parameters

filePath String
The file path.

Return Value

Byte[]
The content of the binary file as byte array.

Exceptions

ArgumentNullException	***filePath*** **is `null`.**
ArgumentException	*filePath* is not a valid file path.
IOException	I/O error.

See Also

Reference

BinaryFile Class
FolkerKinzel.Helpers Namespace

BinaryFile.Open Method

Opens a file.

Definition

Namespace: FolkerKinzel.Helpers
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static FileStream Open(
       string filePath,
       FileMode mode,
       FileAccess access,
       FileShare share
)
```

Parameters

filePath String
The file path.

mode FileMode
The file mode.

access FileAccess
The file access.

share FileShare
The file share mode.

Return Value

FileStream
A newly created FileStream.

Exceptions

ArgumentNullException	***filePath*** **is `null`.**
ArgumentException	*filePath* is not a valid file path.
IOException	I/O error.
ArgumentOutOfRangeException	*mode* contains an invalid value.

See Also

Reference

BinaryFile Class FolkerKinzel.Helpers Namespace

BinaryFile.Save Method

Saves a byte array to a file.

Definition

Namespace: FolkerKinzel.Helpers
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static void Save(
	string filePath,
	byte[] bytes
)
```

Parameters

filePath String
The file path.

bytes Byte[]
The byte array to save.

Exceptions

ArgumentNullException	***filePath*** **or *bytes* is null.**
ArgumentException	*filePath* is not a valid file path.
IOException	I/O error.

See Also

Reference

BinaryFile Class
FolkerKinzel.Helpers Namespace

TextFile Class

Helper class for operations with text files.

Definition

Namespace: FolkerKinzel.Helpers
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static class TextFile
```

Inheritance	**Object** → `TextFile`

Methods

OpenRead	**Opens a text file for reading.**
OpenWrite	Initializes a new StreamWriter instance.

See Also

Reference

FolkerKinzel.Helpers Namespace

TextFile.OpenRead Method

Opens a text file for reading.

Definition

Namespace: FolkerKinzel.Helpers
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static StreamReader OpenRead(
	string filePath,
	Encoding? textEncoding
)
```

Parameters

filePath String
The file path.

textEncoding Encoding
The text encoding to be used to read the file, or `null` for UTF8.

Return Value

StreamReader
A StreamReader instance for reading the file.

Exceptions

ArgumentNullException	***filePath*** **is `null`.**
ArgumentException	*filePath* is not a valid file path.
IOException	I/O error.

See Also

Reference

TextFile Class
FolkerKinzel.Helpers Namespace

TextFile.OpenWrite Method

Initializes a new StreamWriter instance.

Definition

Namespace: FolkerKinzel.Helpers
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static StreamWriter OpenWrite(
	string filePath,
	Encoding? textEncoding,
	string? newLine,
	bool append
)
```

Parameters

filePath String
The file path.

textEncoding Encoding
The text encoding to be used to write the CSV file or `null` for UTF8.

newLine String
The line terminator string to be used, or `null` for NewLine.

append Boolean
If `true`, the file is opened for appending; otherwise, the file will be truncated and overwritten. If the specified file does not exist, this parameter has no effect, and a new file will be created.

Return Value

StreamWriter
The newly created StreamWriter instance.

Exceptions

ArgumentNullException	***filePath*** **is `null`.**
ArgumentException	*filePath* is not a valid file path.
IOException	I/O-Error

See Also

Reference

TextFile Class
FolkerKinzel.Helpers Namespace

FolkerKinzel.Helpers.Polyfills Namespace

Polyfills

Classes

_ArgumentNullException	**Polyfill for ArgumentNullException.**
_ArgumentOutOfRangeException	Polyfill for ArgumentOutOfRangeException.

_ArgumentNullException Class

Polyfill for ArgumentNullException.

Definition

Namespace: FolkerKinzel.Helpers.Polyfills
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static class _ArgumentNullException
```

Inheritance Object → `_ArgumentNullException`

Methods

ThrowIfNull	**Throws an ArgumentNullException if *argument* is `null`.**

See Also

Reference

FolkerKinzel.Helpers.Polyfills Namespace

_ArgumentNullException.ThrowIfNull Method

Throws an ArgumentNullException if *argument* is `null`.

Definition

Namespace: FolkerKinzel.Helpers.Polyfills
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static void ThrowIfNull(
	Object? argument,
	string? paramName
)
```

Parameters

argument Object
The argument to check.

paramName String
The name of the checked parameter.

See Also

Reference

_ArgumentNullException Class
FolkerKinzel.Helpers.Polyfills Namespace

_ArgumentOutOfRangeException Class

Polyfill for ArgumentOutOfRangeException.

Definition

Namespace: FolkerKinzel.Helpers.Polyfills
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

```
C#
public static class _ArgumentOutOfRangeException
```

Inheritance	**Object** → _ArgumentOutOfRangeException

Methods

ThrowIfNegative	**Throws an ArgumentOutOfRangeException if *argument* is negative.**
ThrowIfNegativeOrZero	Throws an ArgumentOutOfRangeException if *argument* is negative or zero.

See Also

Reference

FolkerKinzel.Helpers.Polyfills Namespace

_ArgumentOutOfRangeException.ThrowIfNegative Method

Throws an ArgumentOutOfRangeException if *argument* is negative.

Definition

Namespace: FolkerKinzel.Helpers.Polyfills
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static void ThrowIfNegative(
	int argument,
	string? paramName
)
```

Parameters

argument Int32
The argument to check.

paramName String
The name of the checked parameter.

See Also

Reference

_ArgumentOutOfRangeException Class
FolkerKinzel.Helpers.Polyfills Namespace

_ArgumentOutOfRangeException.ThrowIfNegativeOrZero Method

Throws an ArgumentOutOfRangeException if *argument* is negative or zero.

Definition

Namespace: FolkerKinzel.Helpers.Polyfills
Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.1.1+75e79b5feb1a71fa9ee807156d685a369231997e

C#

```
public static void ThrowIfNegativeOrZero(
	int argument,
	string? paramName
)
```

Parameters

argument Int32
The argument to check.

paramName String
The name of the checked parameter.

See Also

Reference

_ArgumentOutOfRangeException Class
FolkerKinzel.Helpers.Polyfills Namespace