

FolkerKinzel.Helpers Namespace

Helper classes

Classes

TextFile	Helper class for operations with text files.
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TextFile Class

Helper class for operations with text files.

Definition

Namespace: [FolkerKinzel.Helpers](#)

Assembly: FolkerKinzel.Helpers (in FolkerKinzel.Helpers.dll) Version: 1.0.0+d99e30811cafc7f913c34415ba6c5ba9ee51ebf7

C#
<code>public static class TextFile</code>

Inheritance	Object → TextFile
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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: 1.0.0+d99e30811cafc7f913c34415ba6c5ba9ee51ebf7

```
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	<i>filePath</i> is <code>null</code> .
ArgumentException	<i>filePath</i> 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: 1.0.0+d99e30811cafc7f913c34415ba6c5ba9ee51ebf7

```
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	<i>filePath</i> is <code>null</code> .
ArgumentException	<i>filePath</i> 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: 1.0.0+d99e30811cafc7f913c34415ba6c5ba9ee51ebf7

```
C#  
public static class _ArgumentNullException
```

Inheritance [Object](#) → [_ArgumentNullException](#)

Methods

ThrowIfNull	Throws an ArgumentNullException if <i>argument</i> is null.
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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: 1.0.0+d99e30811cafc7f913c34415ba6c5ba9ee51ebf7

```
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: 1.0.0+d99e30811cafc7f913c34415ba6c5ba9ee51ebf7

C#

```
public static class _ArgumentOutOfRangeException
```

Inheritance [Object](#) → [_ArgumentOutOfRangeException](#)

Methods

ThrowIfNegative	Throws an ArgumentOutOfRangeException if <i>argument</i> is negative.
ThrowIfNegativeOrZero	Throws an ArgumentOutOfRangeException if <i>argument</i> 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: 1.0.0+d99e30811cafc7f913c34415ba6c5ba9ee51ebf7

```
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: 1.0.0+d99e30811cafc7f913c34415ba6c5ba9ee51ebf7

```
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](#)