


Telerik.ILS.Common Namespace

The Telerik.ILS.Common namespace provides classes and interfaces that are common for whole solution.

▴ Classes

Class	Description
 StringExtensions	Static class providing various extension methods for the String class.

StringExtensions Class

Static class providing various extension methods for the [String](#) class.

▴ Inheritance Hierarchy

[System.Object](#) [Telerik.ILS.Common.StringExtensions](#)

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▴ Syntax





C# **VB** **C++** **F#**












[Copy](#)

```
public static class StringExtensions
```

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

▴ Methods

	Name	Description
	CapitalizeFirstLetter	String extension method which capitalizes the first letter of the input string.
	ConvertCyrillicToLatinLetters	String extension method which converts the cyrillic letters from the input string into their latin representation.
	ConvertLatinToCyrillicKeyboard	String extension method which converts the latin letters from the input string into their cyrillic representation.
	GetFileExtension	String extension method which returns the extension of a given filename represented as a string.

	GetFirstCharacters	String extension method which returns first N characters of the input string.
	GetStringBetween	String extension method which returns the substring between two given strings.
	ToBoolean	String extension method which checks whether the input string contains a true-like value.
	ToArray	String extension method which converts the input string to a byte array.
	ContentType	String extension method which returns the content type of a file determined by its extension.
	DateTime	String extension method which tries to convert the input string into DateTime representation.
	Integer	String extension method which tries to convert the input string into Int32 representation.
	Long	String extension method which tries to convert the input string into Int64 representation.
	Md5Hash	String extension method which converts the input string to hash array.
	Short	String extension method which tries to convert the input string into Int16 representation.
	ValidLatinFileName	String extension method which replaces invalid symbols in the input string with an empty string and converts a valid

filename.



ToValidUsername

String extension method which replaces invalid symbols in the input string with an empty string and converts a valid filename.

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See Also








Reference









[Telerik.ILS.Common Namespace](#)

StringExtensions Methods

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

Methods

	Name	Description
	CapitalizeFirstLetter	String extension method which capitalizes the first letter of the input string.
	ConvertCyrillicToLatinLetters	String extension method which converts the cyrillic letters from the input string into their latin representation.
	ConvertLatinToCyrillicKeyboard	String extension method which converts the latin letters from the input string into their cyrillic representation.
	GetFileExtension	String extension method which returns the extension of a given filename represented as a string.
	GetFirstCharacters	String extension method which returns first N characters of the input string.
	GetStringBetween	String extension method which returns the substring between two given strings.
	ToBoolean	String extension method which checks whether the input string contains a true-like value.
	ToByteArray	String extension method which converts the input string to a byte array.

	ToContentType	String extension method which returns the content type of a file determined by its extension.
	ToDateTime	String extension method which tries to convert the input string into DateTime representation.
	ToInteger	String extension method which tries to convert the input string into Int32 representation.
	ToLong	String extension method which tries to convert the input string into Int64 representation.
	ToMd5Hash	String extension method which converts the input string to hash array.
	ToShort	String extension method which tries to convert the input string into Int16 representation.
	ToValidLatinFileName	String extension method which replaces invalid symbols in the input string with an empty string and converts a valid filename.
	ToValidUsername	String extension method which replaces invalid symbols in the input string with an empty string and converts a valid filename.

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See Also

Reference
[StringExtensions Class](#)

StringExtensionsCapitalizeFirstLetter Method

String extension method which capitalizes the first letter of the input string.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static string CapitalizeFirstLetter(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [String](#)

Returns the input string with capital first letter.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsConvertCyrillicToLatinLetters Method

String extension method which converts the cyrillic letters from the input string into their latin representation.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static string ConvertCyrillicToLatinLetters(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [String](#)

Returns a converted cyrillic text to latin one.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsConvertLatinToCyrillicKeyboardMethod

String extension method which converts the latin letters from the input string into their cyrillic representation.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static string ConvertLatinToCyrillicKeyboard(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [String](#)

Returns a converted latin text to cyrillic one.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsGetFileExtension Method

String extension method which returns the extension of a given filename represented as a string.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

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```
public static string GetFileExtension(  
    this string fileName  
)
```

Parameters

fileName

Type: [SystemString](#)

The filename represented as a string on which the method is invoked.

Return Value

Type: [String](#)

Returns the file extension of the filename. If the input string is null or whitespace, or the filename has no extension, returns an empty string.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsGetFirstCharacters Method

String extension method which returns first N characters of the input string.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

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```
public static string GetFirstCharacters(  
    this string input,  
    int charsCount  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

charsCount

Type: [SystemInt32](#)

The count of the characters to be returned.

Return Value

Type: [String](#)

Returns the beginning of the input string as a substring with length equals to charsCount. If the charsCount is greater than the length of the input string, returns whole string.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

StringExtensionsGetStringBetween Method

String extension method which returns the substring between two given strings.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static string GetStringBetween(  
    this string input,  
    string startString,  
    string endString,  
    int startFrom = 0  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

startString

Type: [SystemString](#)

Start of the substring.

endString

Type: [SystemString](#)

End of the substring.

startFrom **(Optional)**

Type: [SystemInt32](#)

Index to start search from (optional).

Return Value

Type: [String](#)

Returns the substring between startString and endString. If the substrings are not contained in the input string - returns an empty string.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsToBoolean Method

String extension method which checks whether the input string contains a true-like value.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static bool ToBoolean(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [Boolean](#)

Returns whether the string contains true-like value.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsToByteArray Method

String extension method which converts the input string to a byte array.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static byte[] ToByteArray(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [Byte](#)

Returns a byte array of the input string

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsToContentType Method

String extension method which returns the content type of a file determined by its extension.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static string ToContentType(  
    this string fileExtension  
)
```

Parameters

fileExtension

Type: [SystemString](#)

The extension of a filename represented as a string on which the method is invoked.

Return Value

Type: [String](#)

Returns the content type if known, "application/octet-stream" - otherwise.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsToDateTime Method

String extension method which tries to convert the input string into DateTime representation.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static DateTime ToDateTime(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [DateTime](#)

Returns variable of type DateTime if the string can be parsed, null - otherwise.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsToInteger Method

String extension method which tries to convert the input string into Int32 representation.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static int ToInteger(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [Int32](#)

Returns variable of type Int32 if the string is a number, null - otherwise.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsToLong Method

String extension method which tries to convert the input string into Int64 representation.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static long ToLong(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [Int64](#)

Returns variable of type Int64 if the string is a number, null - otherwise.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsToMd5Hash Method

String extension method which converts the input string to hash array.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static string ToMd5Hash(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [String](#)

Returns the hexadecimal string.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsToShort Method

String extension method which tries to convert the input string into Int16 representation.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static short ToShort(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [Int16](#)

Returns variable of type Int16 if the string is a number, null - otherwise.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsToValidLatinFileName Method

String extension method which replaces invalid symbols in the input string with an empty string and converts a valid filename.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static string ToValidLatinFileName(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [String](#)

Returns a new valid filename.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)

StringExtensionsToValidUsername Method

String extension method which replaces invalid symbols in the input string with an empty string and converts a valid filename.

Namespace: [Telerik.ILS.Common](#)

Assembly: Telerik (in Telerik.dll) Version: 1.0.0.0 (1.0.0.0)

▲ Syntax

C# **VB** **C++** **F#**

[Copy](#)

```
public static string ToValidUsername(  
    this string input  
)
```

Parameters

input

Type: [SystemString](#)

The string on which the method is invoked.

Return Value

Type: [String](#)

Returns a new valid username.

Usage Note

In Visual Basic and C#, you can call this method as an instance method on any object of type [String](#). When you use instance method syntax to call this method, omit the first parameter. For more information, see [Extension Methods \(Visual Basic\)](#) or [Extension Methods \(C# Programming Guide\)](#).

▲ See Also

Reference

[StringExtensions Class](#)

[Telerik.ILS.Common Namespace](#)