


Telerik.ILS.Common Namespace

Common libraries for Telerik.ILS

▲ Classes

	Class	Description
	StringExtensions	Provides various extension methods for System.String.

StringExtensions Class

Provides various extension methods for System.String.

▾ Inheritance Hierarchy

SystemObject [Telerik.ILS.CommonStringExtensions](#)

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

Assembly: StringExtensions (in StringExtensions.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	Capitalizes only the first letter of a System.String value.
	ConvertCyrillicToLatinLetters	Converts the cyrillic letters of a word using their phonetic representations in latin form
	ConvertLatinToCyrillicKeyboard	Converts the latin letters of a string to their equivalent in a standard cyrillic layout keyboard.

 	GetFileExtension	Returns the file extension of string representing a full file name.
 	GetFirstCharacters	Gets a number of characters in a string starting from the beginning. If the number of characters to get is bigger than the string length, return the whole string. Throws a <code>System.ArgumentOutOfRangeException</code> if the number of characters is less than 0.
 	GetStringBetween	Extracts the first occurrence of a string between two other strings. Returns empty string if either the start or the end strings cannot be found. Start and end string values are not included in the result.
 	ToBoolean	Parses string values "true", "ok", "yes", "1", "да" as true and all others as false.
 	ToByteArray	Converts the current string to an array of integers, representing the byte values in decimal of its internal memory representation.
 	ToContentType	Returns information about the content type of a file extension.
 	ToDateTime	Converts the specified string representation of a date and time to its <code>System.DateTime</code>

equivalent and returns a value that indicates whether the conversion succeeded.



ToInteger

Converts the string representation of a number to its 32-bit signed integer equivalent. If the conversion failed the return value is 0.



ToLong

Converts the string representation of a number to its 64-bit signed integer equivalent. If the conversion failed the return value is 0.



ToMd5Hash

Converts the input string to a byte array and computes the hash.



ToShort

Converts the string representation of a number to its 16-bit signed integer equivalent. If the conversion failed the return value is 0.



ToValidLatinFileName

Replaces all empty spaces with "-" and converts all Cyrillic letters to their phonetic equivalent in Latin. Also removes any non-alphanumeric characters excluding "_" and ".".



ToValidUsername

Replaces any non-Latin letter to their phonetic Latin equivalent and removes any non-alphanumeric character excluding "_" and ".".

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▲ See Also







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[Telerik.ILS.Common Namespace](#)

StringExtensions Methods

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▲ Methods

	Name	Description
	CapitalizeFirstLetter	Capitalizes only the first letter of a System.String value.
	ConvertCyrillicToLatinLetters	Converts the cyrillic letters of a word using their phonetic representations in latin form
	ConvertLatinToCyrillicKeyboard	Converts the latin letters of a string to their equivalent in a standard cyrillic layout keyboard.
	GetFileExtension	Returns the file extension of string representing a full file name.
	GetFirstCharacters	Gets a number of characters in a string starting from the beginning. If the number of characters to get is bigger than the string length, return the whole string. Throws a System.ArgumentOutOfRangeException if the number of characters is less than 0.
	GetStringBetween	Extracts the first occurrence of a string between two other

strings. Returns empty string either the start or the end strings cannot be found. Start and end string values are not included in the result.



ToBoolean

Parses string values "true", "ok", "yes", "1", "да" as true and all others as false.



ToByteArray

Converts the current string to an array of integers, representing the byte values in decimal of its internal memory representation.



ToContentType

Returns information about the content type of a file extension.



ToDateTime

Converts the specified string representation of a date and time to its System.DateTime equivalent and returns a value that indicates whether the conversion succeeded.



ToInteger

Converts the string representation of a number to its 32-bit signed integer equivalent. If the conversion failed the return value is 0.



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Converts the string representation of a number to its 64-bit signed integer equivalent. If the conversion failed the return value is 0.



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Converts the input string to a byte array and computes the hash.



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Replaces all empty spaces with "-" and converts all cyril letters to their phonetic equivalent in latin. Also removes any non-alphanumeric characters excluding "_" and ".".



[ToValidUsername](#)

Replaces any non latin letter to their phonetic latin equivalent and removes any non-alphanumeric character excluding "_" and ".".

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▲ See Also

Reference

[StringExtensions Class](#)

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StringExtensionsCapitalizeFirstLetter Method

Capitalizes only the first letter of a System.String value.

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

Assembly: StringExtensions (in StringExtensions.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**

Return Value

Type: **String**

The string with capitalized 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

Converts the cyrillic letters of a word using their phonetic representations in latin form.

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

Assembly: StringExtensions (in StringExtensions.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**

Return Value

Type: **String**

System.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](#)

StringExtensionsConvertLatinToCyrillicMethod

Converts the latin letters of a string to their equivalent in a standard cyrillic layout keyboard.

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

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

▲ Syntax

C# VB C++ F#

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

Parameters

input

Type: **SystemString**

Return Value

Type: **String**

System.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](#)

StringExtensionsGetFileExtension Method

Returns the file extension of a string representing a full file name.

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

Assembly: StringExtensions (in StringExtensions.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**

Return Value

Type: **String**

System.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

Gets a number of characters in a string starting from the beginning. If the number of characters to get is bigger than the string length, returns the whole string. Throws a `System.ArgumentOutOfRangeException` exception if the number of characters is less than 0.

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

Assembly: StringExtensions (in StringExtensions.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**

charsCount

Type: **SystemInt32**

The number of characters to be extracted.

Return Value

Type: **String**

System.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](#)

StringExtensionsGetStringBetween Method

Extracts the first occurrence of a string between two other strings. Returns empty string if either the start or the end strings cannot be found. Start and end string values are not included in the result.

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

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

▲ Syntax

C# VB C++ F#

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

Parameters

input

Type: **SystemString**

startString

Type: **SystemString**

The string value that indicates the starting place of the extraction.

endString

Type: **SystemString**

The string value that indicates the end of the extraction.

startFrom (**Optional**)

Type: **SystemInt32**

Return Value

Type: **String**

System.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

Parses string values "true", "ok", "yes", "1", "да" as true and all others as false.

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

Assembly: StringExtensions (in StringExtensions.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**

Return Value

Type: **Boolean**

Returns boolean true or false.

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

Converts the current string to an array of integers, representing the byte values in decimal of its internal memory representation.

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

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

▲ Syntax

C# VB C++ F#

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

Parameters

input

Type: **SystemString**

Return Value

Type: **Byte**

System.Array[byte]

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

Returns information about the content type of a file extension.

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

Assembly: StringExtensions (in StringExtensions.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**

Return Value

Type: **String**

System.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

StringExtensionsToDateTime Method

Converts the specified string representation of a date and time to its System.DateTime equivalent and returns a value that indicates whether the conversion succeeded.

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

Assembly: StringExtensions (in StringExtensions.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**

Return Value

Type: **DateTime**

When this method returns, contains the System.DateTime value equivalent to the date and time contained in s, if the conversion succeeded, or System.DateTime.MinValue if the conversion failed.

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

Converts the string representation of a number to its 32-bit signed integer equivalent. If the conversion failed the return value is 0.

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

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

▲ Syntax

[C#](#) [VB](#) [C++](#) [F#](#)

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

Parameters

input

Type: **SystemString**

Return Value

Type: **Int32**

System.Int32

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](#)

StringExtensionsToLong Method

Converts the string representation of a number to its 64-bit signed integer equivalent. If the conversion failed the return value is 0.

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

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

▲ Syntax

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

Parameters

input

Type: **SystemString**

Return Value

Type: **Int64**

System.Int64

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](#)

StringExtensionsToMd5Hash Method

Converts the input string to a byte array and computes the hash.

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

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

▲ Syntax

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

Parameters

input

Type: **SystemString**

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

Converts the string representation of a number to its 16-bit signed integer equivalent. If the conversion failed the return value is 0.

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

Assembly: StringExtensions (in StringExtensions.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**

Return Value

Type: **Int16**

System.Int16

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](#)

StringExtensionsToValidLatinFileName Method

Replaces all empty spaces with "-" and converts all cyrillic letters to their phonetic equivalent in latin. Also removes any non-alphanumeric characters excluding "_" and ".".

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

Assembly: StringExtensions (in StringExtensions.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**

Return Value

Type: **String**

System.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](#)

StringExtensionsToValidUsername Method

Replaces any non latin letters to their phonetic latin equivalent and removes any non-alphanumeric characters excluding "_" and ".".

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

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

▲ Syntax

C# VB C++ F#

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

Parameters

input

Type: **SystemString**

Return Value

Type: **String**

System.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

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