

StringConversions Namespace

[Missing <summary> documentation for "N:StringConversions"]

► Classes

	Class	Description
	StringExtensions	Execute series of methods, working with string input.
	StringExtensionsMain	Startup point of the program.

StringExtensions Class

Execute series of methods, working with string input.

► Inheritance Hierarchy

[SystemObject](#) [StringConvertisons](#)[StringExtensions](#)

Namespace: [StringConvertisons](#)

Assembly: StringConvertisons (in StringConvertisons.exe) 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	The CapitalizeFirstLetter() method takes non empty input string sequence and capitalizes first letter of the string
 ConvertCyrillicToLatinLetters	The ConvertCyrillicToLatinLetters() method takes cyrillic string sequence and transliterate it to latin one.
 ConvertLatinToCyrillicKeyboard	The

ConvertLatinToCyrillicKeybo
method takes latin string
sequence and transliterate it
cyrillic one.

≡ S	GetFileExtension	The GetFileExtension() method reads file name and returns extension of the file.
≡ S	GetFirstCharacters	The GetFirstCharacters() method takes string sequence and returns string substring starting from the beginning of sequence with length - parsed integer number.
≡ S	GetStringBetween	The GetStringBetween() method takes input string and returns string between parsed start and end strings.
≡ S	.ToBoolean	Check if a string contains true like statements value: "true", "ok", "yes", "1", "да"
≡ S	ToByteArray	Converts a string into an array of bytes
≡ S	ToContentType	The ToContentType() method reads file name, gets the extension of the file and according to it returns file content type.
≡ S	ToDateTime	Converts input string to DateTime.
≡ S	ToInteger	Converts input string to integer number.

 S	ToLong	Converts input string to long integer number.
 S	ToMd5Hash	Converts input string to byte array, compute the hash and each byte of the hashed data presented as hexadecimal string.
 S	ToShort	Converts input string to 16-bit sight integer number.
 S	ToValidLatinFileName	The ToValidLatinFileName() method takes string, converts it to latin (if it is in cyrillic) and check whether given file name consists of letters and numbers.
 S	ToValidUsername	The ToValidUsername() method takes string, converts it to latin (if it is in cyrillic) and then checks whether given user name consists of letters and numbers.

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StringExtensions Methods

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

Methods

Name	Description
 CapitalizeFirstLetter	The CapitalizeFirstLetter() method takes non empty input string sequence and capitalizes first letter of the string
 ConvertCyrillicToLatinLetters	The ConvertCyrillicToLatinLetters method takes cyrillic string sequence and transliterate it to latin one.
 ConvertLatinToCyrillicKeyboard	The ConvertLatinToCyrillicKeyboard method takes latin string sequence and transliterate it to cyrillic one.
 GetFileExtension	The GetFileExtension() method reads file name and returns extension of the file.
 GetFirstCharacters	The GetFirstCharacters() method takes string sequence and returns string substring starting from the beginning of the sequence with length - parsed integer number.

 GetStringBetween	The GetStringBetween() method takes input string and return string between parsed start and end strings.
 .ToBoolean	Check if a string contains true like statements value: "true", "ok", "yes", "1", "да"
 ToByteArray	Converts a string into an array of bytes
 ToContentType	The ToContentType() method reads file name, gets the extension of the file and according to it returns file content type.
 ToDateTime	Converts input string to DateTime.
 ToInteger	Converts input string to integer number.
 ToLong	Converts input string to long integer number.
 ToMd5Hash	Converts input string to byte array, compute the hash and each byte of the hashed data presented as hexadecimal string.
 .ToShort	Converts input string to 16-bit signed integer number.
 ToValidLatinFileName	The ToValidLatinFileName() method takes string, converts to latin (if it is in cyrillic) and



ToValidUsername

check whether given file name consists of letters and numbers

The `ToValidUsername()` method takes string, converts it to lowercase (if it is in cyrillic) and then checks whether given user name consists of letters and numbers.

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[StringExtensions Class](#)

[StringConventions Namespace](#)

StringExtensionsCapitalizeFirstLetter Method

The CapitalizeFirstLetter() method takes non empty input string sequence and capitalize first letter of the string

Namespace: [StringConversions](#)

Assembly: StringConversions (in StringConversions.exe) 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](#)

Takes String parameter.

Return Value

Type: [String](#)

Returns input string with first letter capitalized if the string is not null or empty, otherwise returns the input itself.

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](#)

[StringConversions Namespace](#)

StringExtensionsConvertCyrillicToLatinLetters Method

The ConvertCyrillicToLatinLetters() method takes cyrillic string sequence and transliterate it to latin one.

Namespace: [StringConversions](#)

Assembly: StringConversions (in StringConversions.exe) 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: [System.String](#)

Takes String parameter.

Return Value

Type: [String](#)

Returns transliterated cyrillic string to the 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](#)

[StringConversions Namespace](#)

StringExtensionsConvertLatinToCyri Method

The ConvertLatinToCyrillicKeyboard() method takes latin string sequence and transliterate it to cyrillic one.

Namespace: [StringConversions](#)

Assembly: StringConversions (in StringConversions.exe) 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](#)

Takes String parameter.

Return Value

Type: [String](#)

Returns converted latin string 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](#)

[StringConversions Namespace](#)

StringExtensionsGetFileExtension Method

The GetFileExtension() method reads file name and returns the extension of the file.

Namespace: [StringConversions](#)

Assembly: StringConversions (in StringConversions.exe) Version: 1.0.0.0 (1.0.0.0)

► Syntax

C# VB C++ F#

Copy

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

Parameters

fileName

Type: [SystemString](#)

Takes String parameter.

Return Value

Type: [String](#)

Returns string showing file extension e.g. '.docx'

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](#)

[StringConversions Namespace](#)

StringExtensionsGetFirstCharacters Method

The GetFirstCharacters() method takes string sequence and returns string substring starting from the beginning of the sequence with length - parsed integer number.

Namespace: [StringConvertisons](#)

Assembly: StringConvertisons (in StringConvertisons.exe) Version: 1.0.0.0 (1.0.0.0)

► Syntax

C# VB C++ F#

[Copy](#)

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

Parameters

input

Type: [SystemString](#)

Takes String parameter.

charsCount

Type: [SystemInt32](#)

Integer number showing how many characters from the beginning to be shown

Return Value

Type: [String](#)

Returns string with length "charsCount" starting from the beginning 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](#)

[StringConversions Namespace](#)

StringExtensionsGetStringBetween Method

The GetStringBetween() method takes input string and returns string between parsed start and end strings.

Namespace: [StringConvertisons](#)

Assembly: StringConvertisons (in StringConvertisons.exe) 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](#)

Takes String parameter.

startString

Type: [SystemString](#)

Start string takes String parameter.

endString

Type: [SystemString](#)

End string takes String parameter.

startFrom (Optional)

Type: [SystemInt32](#)

Takes Integer parameter for starting substring position.

Return Value

Type: [String](#)

Returns substring from input string between parsed start and end strings.

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](#)

[StringConversions Namespace](#)

StringExtensions.ToBoolean Method

Check if a string contains true-like statements value: "true", "ok", "yes", "1", "да"

Namespace: StringConvertisons

Assembly: StringConvertisons (in StringConvertisons.exe) 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](#)

Takes String parameter.

Return Value

Type: [Boolean](#)

Returns True/False if input collection contains true-like statements.

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](#)

[StringConversions Namespace](#)

StringExtensionsToByteArray Method

Converts a string into an array of bytes

Namespace: [StringConvertisons](#)

Assembly: StringConvertisons (in StringConvertisons.exe) 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: [System.String](#)

Takes String parameter.

Return Value

Type: [Byte](#)

Returns converted string to its byte representation.

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](#)

[StringConversions Namespace](#)

StringExtensionsToContentType Method

The ToContentType() method reads file name, gets the extension of the file and according to it returns file content type.

Namespace: [StringConversions](#)

Assembly: StringConversions (in StringConversions.exe) 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: [System.String](#)

Takes String parameter.

Return Value

Type: [String](#)

Returns string showing content type.

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](#)

[StringConversions Namespace](#)

StringExtensions.ToDateTime Method

Converts input string to DateTime.

Namespace: [StringConvertisons](#)

Assembly: StringConvertisons (in StringConvertisons.exe) 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: [System.String](#)

Takes String parameter.

Return Value

Type: [DateTime](#)

Returns DateTime

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](#)

[StringConversions Namespace](#)

StringExtensionsToInteger Method

Converts input string to integer number.

Namespace: [StringConversions](#)

Assembly: StringConversions (in StringConversions.exe) 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: [System.String](#)

Takes String parameter.

Return Value

Type: [Int32](#)

If the input string can be converted to integer, returns integer, otherwise returns null.

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
StringConversions Namespace

StringExtensionsToLong Method

Converts input string to long integer number.

Namespace: [StringConversions](#)

Assembly: StringConversions (in StringConversions.exe) 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](#)

Takes String parameter.

Return Value

Type: [Int64](#)

Returns long 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](#)

StringConverntions Namespace

StringExtensionsToMd5Hash Method

Converts input string to bytes array, compute the hash and each byte of the hashed data is presented as hexadecimal string.

Namespace: [StringConversions](#)

Assembly: StringConversions (in StringConversions.exe) 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](#)

Takes string parameter.

Return Value

Type: [String](#)

Returns a 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](#)

[StringConversions Namespace](#)

StringExtensions.ToShort Method

Converts input string to 16-bit sight integer number.

Namespace: [StringConvertisons](#)

Assembly: StringConvertisons (in StringConvertisons.exe) 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](#)

Takes String parameter.

Return Value

Type: [Int16](#)

If the input string can be converted to shortValue, returns integer, otherwise returns null.

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
StringConversions Namespace

StringExtensionsToValidLatinFileName Method

The ToValidLatinFileName() method takes string, converts it to latin (if it is in cyrillic) and then check whether given file name consists of letters and numbers.

Namespace: [StringConvertisons](#)

Assembly: StringConvertisons (in StringConvertisons.exe) 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](#)

Takes String parameter.

Return Value

Type: [String](#)

Returns the string if it is valid file name.

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](#)

[StringConversions Namespace](#)

StringExtensionsToValidUsername Method

The ToValidUsername() method takes string, converts it to latin (if it is in cyrillic) and then check whether given user name consists of letters and numbers.

Namespace: [StringConvertisons](#)

Assembly: StringConvertisons (in StringConvertisons.exe) 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](#)

Takes String parameter.

Return Value

Type: [String](#)

Returns the string if it is valid user name.

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](#)

[StringConversions Namespace](#)

StringExtensionsMain Class

Startup point of the program.

► Inheritance Hierarchy

[SystemObject](#) [StringConversions](#)[StringExtensionsMain](#)

Namespace: [StringConversions](#)

Assembly: StringConversions (in StringConversions.exe) Version: 1.0.0.0 (1.0.0.0)

► Syntax

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

[Copy](#)

```
public class StringExtensionsMain
```

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

► Constructors

	Name	Description
≡	StringExtensionsMain	Initializes a new instance of the StringExtensionsMain class

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► Methods

	Name	Description
≡	Equals	Determines whether the specified Object is equal to the current Object .

(Inherited from [Object](#).)

 	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object .)
 	GetType	Gets the Type of the current instance. (Inherited from Object .)
	Main	Main method executes all string extensions
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Returns a string that represents the current object. (Inherited from Object .)

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▲ See Also

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[StringConversions Namespace](#)

StringExtensionsMain Constructor

Initializes a new instance of the [StringExtensionsMain](#) class

Namespace: [StringConversions](#)

Assembly: StringConversions (in StringConversions.exe) Version: 1.0.0.0 (1.0.0.0)

► Syntax

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

[Copy](#)

```
public StringExtensionsMain()
```

► See Also

Reference

[StringExtensionsMain Class](#)

[StringConversions Namespace](#)

StringExtensionsMain Methods

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

Methods

	Name	Description
	Equals	Determines whether the specified Object is equal to the current Object . (Inherited from Object .)
	Finalize	Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from Object .)
	GetHashCode	Serves as a hash function for a particular type. (Inherited from Object .)
	GetType	Gets the Type of the current instance. (Inherited from Object .)
	Main	Main method executes all string extensions
	MemberwiseClone	Creates a shallow copy of the current Object . (Inherited from Object .)
	ToString	Returns a string that represents the current object.

(Inherited from [Object](#).)

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▲ See Also

Reference

[StringExtensionsMain Class](#)
[StringConvertisons Namespace](#)

StringExtensionsMainMain Method

Main method executes all string extensions

Namespace: [StringConvertisons](#)

Assembly: StringConvertisons (in StringConvertisons.exe) Version: 1.0.0.0 (1.0.0.0)

► Syntax

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

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```
public static void Main()
```

► See Also

Reference

[StringExtensionsMain Class](#)

[StringConvertisons Namespace](#)