



String Functions

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Variables

For better understanding of this topic, let`s consider the next variables that we will use in our examples:

```
String itemId = "ASD123"
```

```
String filePath="Downloads/{0}/output.txt"
```

Format

Inserts the value of an object, variable or expression into another string.

```
filePath=String.Format(filePath,itemId)
```

Result: Downloads/ASD123/output.txt

Substring

Substring(Int)- Retrieves a substring which starts from the position you provide as an Int and continues to the end of the string.

Substring(Int,Int)- Retrieves a substring which starts from the first parameter and has the length provided by the second parameter.

```
filePath.Substring(10)
```

Result: ASD123/output.txt

Split

Splits a string into substrings that are based on the characters in an array.

The result will be an array of strings.

```
String[] fileParts=filePath.Split("/".ToCharArray)
```

Result: Downloads, ASD123, output.txt

toLower/toUpper

Returns a copy of the current string converted to lowercase or uppercase.

filePath.ToLower

filePath.ToUpper

Result: downloads/asd123/output.txt

DOWNLOADS/ASD123/OUTPUT.TXT

Contains

Returns a Boolean value indicating whether a specified substring occurs within this string.

```
filePath.Contains(".")
```

Result: true

EndsWith/StartsWith

Determines whether the start or the end of this string instance matches a specified string.

```
filePath.EndsWith(".txt")
```

Result: true

Replace

Returns a new string in which all occurrences of a specified character or [String](#) in the current string are replaced with another specified character or [String](#).

```
filePath.Replace("/", "\\")
```

Result: Downloads\ASD123\output.txt

Trim

Removes all the white-spaces characters from the start and end of the current string.

```
String random=" ASD "  
random.Trim
```

Result: "ASD"



Q&A



Test