


String

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Supported Clients

SmartClient WebClient NGClient MobileClient

Property Summary

Number length Gives the length of the string.

Methods Summary

String	<code>anchor(nameAttribute)</code>	returns a copy of the string embedded within an anchor <code>&lt;A&gt;</code> ; tag set.
String	<code>big()</code>	returns a copy of the string embedded within an <code>&lt;BIG&gt;</code> ; tag set.
String	<code>blink()</code>	returns a copy of the string embedded within an <code>&lt;BLINK&gt;</code> ; tag set.
String	<code>bold()</code>	returns a copy of the string embedded within an <code>&lt;B&gt;</code> ; tag set.
Number	<code>charAt(index)</code>	returns a character of the string.
Number	<code>charCodeAt(index)</code>	returns a decimal code of the char in the string.
String	<code>concat(string2)</code>	returns a string that appends the parameter string to the string.
String	<code>concat(string2, stringN)</code>	returns a string that appends the parameter string to the string.
Boolean	<code>equals(other)</code>	returns a boolean that checks if the given string is equal to the string
Boolean	<code>equalsIgnoreCase(other)</code>	returns a boolean that checks if the given string is equal to the string ignoring case
String	<code>fixed()</code>	returns a copy of the string embedded within an anchor <code>&lt;TT&gt;</code> ; tag set.
String	<code>fontcolor(color)</code>	returns a copy of the string embedded within an <code>&lt;FONT&gt;</code> ; tag set, the color param is assigned the the color attribute.
String	<code>fontsize(size)</code>	returns a copy of the string embedded within an <code>&lt;FONT&gt;</code> ; tag set, The size param is set to the SIZE attribute
String	<code>fromCharCode(num)</code>	returns a string created by using the specified sequence of Unicode values.
String	<code>includes()</code>	Determines whether one string may be found within another string.
Number	<code>indexOf(searchValue, fromIndex)</code>	returns the found index of the given string in string.
String	<code>italics()</code>	returns a copy of the string embedded within an <code>&lt;l&gt;</code> ; tag set
Number	<code>lastIndexOf(searchValue, fromIndex)</code>	returns the found index of the given string in string from the end.
String	<code>link(hrefAttribute)</code>	returns a copy of the string embedded within an <code>&lt;A&gt;</code> ; tag set.
Number	<code>localeCompare(otherString)</code>	
Array	<code>match(regex)</code>	returns an array of strings within the current string that matches the regex.
String	<code>replace(regex, function)</code>	returns a new string where the matches of the given regex are replaced by the return value of the function.
String	<code>replace(regex, newSubStr)</code>	returns a new string where the matches of the given regex are replaced by newSubStr.
String	<code>replace(substr, function)</code>	returns a new string where the first match of the given substr is replaced by the return value of the function.
String	<code>replace(substr, newSubStr)</code>	returns a new string where the first match of the given substr is replaced by newSubStr.
Number	<code>search(regex)</code>	returns an index where the first match is found of the regex
String	<code>slice(beginSlice)</code>	returns a substring of the string.
String	<code>slice(beginSlice, endSlice)</code>	returns a substring of the string.
String	<code>small()</code>	returns a copy of the string embedded within an <code>&lt;SMALL&gt;</code> ; tag set.
String	<code>split(separator, limit)</code>	returns an array of objects whose elements are segments of the current string.
String	<code>split(separator, limit)</code>	returns an array of objects whose elements are segments of the current string.
String	<code>strike()</code>	returns a copy of the string embedded within an <code>&lt;STRIKE&gt;</code> ; tag set.
String	<code>sub()</code>	returns a copy of the string embedded within an <code>&lt;SUB&gt;</code> ; tag set.
String	<code>substr(start)</code>	returns a substring of the string from the start with the number of chars specified.
String	<code>substr(start, length)</code>	returns a substring of the string from the start with the number of chars specified.
String	<code>substring(indexA)</code>	Returns a substring of the string from the start index until the end index.
String	<code>substring(indexA, indexB)</code>	Returns a substring of the string from the start index until the end index.
String	<code>sup()</code>	returns a copy of the string embedded within an <code>&lt;SUP&gt;</code> ; tag set.
String	<code>toLocaleLowerCase()</code>	
String	<code>toLocaleUpperCase()</code>	
String	<code>toLowerCase()</code>	returns a string with all lowercase letters of the current string.
String	<code>toUpperCase()</code>	returns a string with all uppercase letters of the current string.
String	<code>trim()</code>	Returns the string stripped of whitespace from both ends.

Property Details

length

Gives the length of the string.

Returns

Number

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.length;
```

Methods Details**anchor(nameAttribute)**

returns a copy of the string embedded within an anchor <A> tag set.

Parameters[String](#) nameAttribute ;**Returns**[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.anchor();
```

big()

returns a copy of the string embedded within an <BIG> tag set.

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.big();
```

blink()

returns a copy of the string embedded within an <BLINK> tag set.

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.blink();
```

bold()

returns a copy of the string embedded within an tag set.

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.bold();
```

charAt(index)

returns a character of the string.

Parameters

[Number](#) index;

Returns

[Number](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.charAt(integer_position);
```

charCodeAt(index)

returns a decimal code of the char in the string.

Parameters

[Number](#) index;

Returns

[Number](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.charCodeAt(integer_position);
```

concat(string2)

returns a string that appends the parameter string to the string.

Parameters

[String](#) string2;

Returns

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.concat(string);
```

concat(string2, stringN)

returns a string that appends the parameter string to the string.

Parameters

[String](#) string2 ;

[String](#) stringN;

Returns

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.concat(string);
```

equals(other)

returns a boolean that checks if the given string is equal to the string

Parameters

[String](#) other;

Returns[Boolean](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.equals(string);
```

equalsIgnoreCase(other)

returns a boolean that checks if the given string is equal to the string ignoring case

Parameters[String](#) other;**Returns**[Boolean](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.equalsIgnoreCase(string);
```

fixed()

returns a copy of the string embedded within an anchor <TT> tag set.

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.fixed();
```

fontcolor(color)

returns a copy of the string embedded within an tag set, the color param is assigned the the color attribute.

Parameters[String](#) color;**Returns**[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.fontcolor(color);
```

fontsize(size)

returns a copy of the string embedded within an tag set, The size param is set to the SIZE attribute

Parameters[Number](#) size;**Returns**[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.fontSize(size);
```

fromCharCode(num)

returns a string created by using the specified sequence of Unicode values.

Parameters

[Array](#) num;

Returns

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
String.fromCharCode(num)
// String.fromCharCode(num1,num2,num3)
```

includes()

Determines whether one string may be found within another string.

Returns

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.includes('foo');
```

indexOf(searchValue, fromIndex)

returns the found index of the given string in string.

Parameters

[String](#) searchValue;

[Number](#) fromIndex ;

Returns

[Number](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.indexOf(string, startPosition);
```

italics()

returns a copy of the string embedded within an `<i>` tag set

Returns

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.italics();
```

lastIndexOf(searchValue, fromIndex)

returns the found index of the given string in string from the end.

Parameters

`String` searchValue ;
`Number` fromIndex ;

Returns

`Number`

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.lastIndexOf(string, startPosition);
```

link(hrefAttribute)

returns a copy of the string embedded within an `<A>` tag set.

Parameters

`String` hrefAttribute ;

Returns

`String`

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.link(url);
```

localeCompare(otherString)**Parameters**

`String` otherString ;

Returns

`Number`

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
var s = "Have a nice day!";  
application.output(s.localeCompare("Hello"));
```

match(regex)

returns an array of strings within the current string that matches the regex.

Parameters

`RegExp` regex ;

Returns

`Array`

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.match(regex);
```

replace(regex, function)

returns a new string where the matches of the given regex are replaced by the return value of the function. The function parameter is the function to be invoked to create the new substring (to put in place of the substring received from parameter #1).

Parameters

[RegExp](#) regexp ;
[Function](#) function ;

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
//the callback definition
function replacer(match, p1, p2, p3, offset, string){
    // match is the matched substring
    // p1 is non-digits, p2 digits, and p3 non-alphanumerics
    // offset is the offset of the matched substring within the total string being examined
    // string is the total string being examined
    return [p1, p2, p3].join(' - ');
}
// using replace method with replacer callback
newString = "abc12345#$$*%".replace(/([^\d]*) (\d*) ([^\w]*)/, replacer);
```

replace(regexp, newSubStr)

returns a new string where the matches of the given regexp are replaced by newSubStr.

Parameters

[RegExp](#) regexp ;
[String](#) newSubStr;

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.replace(regexp,newSubStr);
//var re = /(\w+)\s(\w+)/;
//var str = "John Smith";
//var newstr = str.replace(re, "$2, $1");
//application.output(newstr);
```

replace(substr, function)

returns a new string where the first match of the given substr is replaced by the return value of the function. The function parameter is the function to be invoked to create the new substring (to put in place of the substring received from parameter #1).

Parameters

[String](#) substr ;
[Function](#) function;

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
// the callback definition
function replacer(match){
    return match.toUpperCase()
}
// using replace method with replacer callback
var newString = "abc".replace("a", replacer);
```

replace(substr, newSubStr)

returns a new string where the first match of the given substr is replaced by newSubStr.

Parameters

[String](#) substr ;
[String](#) newSubStr ;

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.replace(substr,newSubStr);
```

search(regex)

returns an index where the first match is found of the regex

Parameters

[RegExp](#) regex;

Returns

[Number](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.search(regex);
```

slice(beginSlice)

returns a substring of the string.

Parameters

[Number](#) beginSlice;

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.slice(start,end);
```

slice(beginSlice, endSlice)

returns a substring of the string.

Parameters

[Number](#) beginSlice ;
[Number](#) endSlice ;

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.slice(start,end);
```

small()

returns a copy of the string embedded within an `<SMALL>` tag set.

Returns

[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.small();
```

split(separator, limit)

returns an array of objects whose elements are segments of the current string.

Parameters

RegExp **separator** Specifies the string which denotes the points at which each split should occur. If separator is an empty string, str is converted to an array of characters.
or
Number **limit** Optional integer specifying a limit on the number of splits to be found.

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
var myString = 'Hello 1 word. Sentence number 2.';  
var splits = myString.split(new RegExp(/(\d)/), 2);  
application.output(splits); //prints [Hello , 1]
```

split(separator, limit)

returns an array of objects whose elements are segments of the current string.

Parameters

String **separator** Specifies the string which denotes the points at which each split should occur. If separator is an empty string, str is converted to an array of characters.
or
Number **limit** Optional integer specifying a limit on the number of splits to be found.

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
var myString = 'Hello 1 word. Sentence number 2.';  
var splits = myString.split(' ');  
application.output(splits);
```

strike()

returns a copy of the string embedded within an tag set.

Returns[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.strike();
```

sub()

returns a copy of the string embedded within an <sub> tag set.

Returns[String](#)

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.sub();
```

substr(start)

returns a substring of the string from the start with the number of chars specified.

Parameters

Number start;

Returns

String

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.substr(start, number_of_chars);
```

substr(start, length)

returns a substring of the string from the start with the number of chars specified.

Parameters

Number start ;

Number length;

Returns

String

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.substr(start, number_of_chars);
```

substring(indexA)

Returns a substring of the string from the start index until the end index.

Parameters

Number indexA;

Returns

String

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.substring(start, end);
```

substring(indexA, indexB)

Returns a substring of the string from the start index until the end index.

Parameters

Number indexA;

Number indexB;

Returns

String

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.substring(start, end);
```

sup()

returns a copy of the string embedded within an `<sup>` tag set.

Returns

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.sup();
```

toLocaleLowerCase()**Returns**

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
var s = "Have a nice day!";  
application.output(s.toLocaleLowerCase());
```

toLocaleUpperCase()**Returns**

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
var s = "Have a nice day!";  
application.output(s.toLocaleUpperCase());
```

toLowerCase()

returns a string with all lowercase letters of the current string.

Returns

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.toLowerCase();
```

toUpperCase()

returns a string with all uppercase letters of the current string.

Returns

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.toUpperCase();
```

trim()

Returns the string stripped of whitespace from both ends.

Returns

[String](#)

Supported Clients

SmartClient, WebClient, NGClient, MobileClient

Sample

```
string.trim();
```