String

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Supported Clients

SmartClient WebClient NGClient MobileClient

Property Summary

Number	length	Gives the length of the string.

Methods Summary

String	anchor(nameAttribute)	returns a copy of the string embedded within an anchor <A> tag set.
String	big()	returns a copy of the string embedded within an <BIG> tag set.
String	blink()	returns a copy of the string embedded within an <BLINK> tag set.
String	bold()	returns a copy of the string embedded within an <B> tag set.
Number	charAt(index)	returns a character of the string.
Number	charCodeAt(index)	returns a decimal code of the char in the string.
String	concat(string2)	returns a string that appends the parameter string to the string.
String	concat(string2, stringN)	returns a string that appends the parameter string to the string.
String	endsWith(searchString)	Determines whether a string ends with the characters of a specified string, returning true or false as appropriate.
String	endsWith(searchString, length)	Determines whether a string ends with the characters of a specified string, returning true or false as appropriate.
Boolean	equals(other)	returns a boolean that checks if the given string is equal to the string
Boolean	equalsIgnoreCase(other)	returns a boolean that checks if the given string is equal to the string ignoring case
String	fixed()	returns a copy of the string embedded within an anchor <TT> tag set.
String	fontcolor(color)	returns a copy of the string embedded within an <FONT> tag set, the color param is assigned the the color attribute.
String	fontsize(size)	returns a copy of the string embedded within an <FONT> tag set, The size param is set to the SIZE attribute
String	fromCharCode(num)	returns a string created by using the specified sequence of Unicode values.
String	includes()	Determines whether one string may be found within another string.
Number	indexOf(searchValue, fromIndex)	returns the found index of the given string in string.
String	italics()	returns a copy of the string embedded within an <I> tag set
Number	lastIndexOf(searchValue, fromIndex)	returns the found index of the given string in string from the end.
String	link(hrefAttribute)	returns a copy of the string embedded within an <A> tag set.
Number	localeCompare(otherString)	
Array	match(regexp)	returns an array of strings within the current string that matches the regexp.
String	normalize()	Returns the Unicode Normalization Form of the string.
String	normalize(form)	Returns the Unicode Normalization Form of the string.
String	repeat(count)	Constructs and returns a new string which contains the specified number of copies of the string on which it was called, concatenated together.
String	replace(regexp, function)	returns a new string where the matches of the given regexp are replaced by the return value of the function.
String	replace(regexp, newSubStr)	returns a new string where the matches of the given reg exp are replaced by newSubStr.
String	replace(substr, function)	returns a new string where the first match of the given substr is replaced by the return value of the function.
String	replace(substr, newSubStr)	returns a new string where the first match of the given substr is replaced by newSubStr.
Number	search(regexp)	returns an index where the first match is found of the regexp
String	slice(beginSlice)	returns a substring of the string.
String	slice(beginSlice, endSlice)	returns a substring of the string.
String	small()	returns a copy of the string embedded within an <SMALL> tag set.
String	split(separator, limit)	returns an array of objects whose elements are segments of the current string.
String	split(separator, limit)	returns an array of objects whose elements are segments of the current string.
String	startsWith(searchString)	Determines whether a string begins with the characters of a specified string, returning true or false as appropriate.
String	startsWith(searchString, position)	Determines whether a string begins with the characters of a specified string, returning true or false as appropriate.
String	strike()	returns a copy of the string embedded within an <STRIKE> tag set.
String	sub()	returns a copy of the string embedded within an <SUB> tag set.
String	substr(start)	returns a substring of the string from the start with the number of chars specified.
String	substr(start, length)	returns a substring of the string from the start with the number of chars specified.
String	substring(indexA)	Returns a substring of the string from the start index until the end index.
String	substring(indexA, indexB)	Returns a substring of the string from the start index until the end index.
String	sup()	returns a copy of the string embedded within an <SUP> tag set.
String	toLocaleLowerCase()	
String	toLocaleUpperCase()	

String	toLowerCase()	returns a string with all lowercase letters of the current string.
String	toUpperCase()	returns a string with all uppercase letters of the current string.
String	trim()	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 <B> 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);
```

endsWith(searchString)

Determines whether a string ends with the characters of a specified string, returning true or false as appropriate.

Parameters

String searchString The characters to be searched for at the end of str.

Returns

String true if the given characters are found at the end of the string; otherwise, false

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
var str1 = 'Cats are the best!';
 application.output(str1.endsWith('best', 17));
```

endsWith(searchString, length)

Determines whether a string ends with the characters of a specified string, returning true or false as appropriate.

Parameters

String searchString The characters to be searched for at the end of str.
Number length If provided, it is used as the length of str. Defaults to str.length.

Returns

String true if the given characters are found at the end of the string; otherwise, false

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
var str1 = 'Cats are the best!';
 application.output(str1.endsWith('best', 17));
```

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 <FONT> 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 <FONT> 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(regexp)

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

Parameters

RegExp regexp ;

Returns

Array

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.match(regexpr);
```

normalize()

Returns the Unicode Normalization Form of the string. (defaults to "NFC" form)

Returns

String A string containing the Unicode Normalization Form of the given string.

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```

```

normalize(form)

Returns the Unicode Normalization Form of the string.
form param can be one of "NFC", "NFD", "NFKC", or "NFKD", specifying the Unicode Normalization Form. If omitted or undefined, "NFC" is used.

These values have the following meanings:

"NFC"
Canonical Decomposition, followed by Canonical Composition.
"NFD"
Canonical Decomposition.
"NFKC"
Compatibility Decomposition, followed by Canonical Composition.
"NFKD"
Compatibility Decomposition.

Parameters

String form param can be one of "NFC", "NFD", "NFKC", or "NFKD",

Returns

String A string containing the Unicode Normalization Form of the given string.

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
var string1 = '\u00F1';           // ?
var string2 = '\u006E\u0303';     // ?

string1 = string1.normalize('NFD');
string2 = string2.normalize('NFD');

application.output(string1 === string2); // true
application.output(string1.length);      // 2
application.output(string2.length);      // 2
```

repeat(count)

Constructs and returns a new string which contains the specified number of copies of the string on which it was called, concatenated together.

Parameters

Number count An integer between 0 and +Infinity, indicating the number of times to repeat the string.

Returns

String A new string containing the specified number of copies of the given string.

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
var str = 'abc'.repeat(2); // 'abcabc'
```

replace(regexp, function)

returns a new string where the matches of the given regexp 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 reg exp 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(regexp)

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

Parameters

RegExp regexp ;

Returns

Number

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
string.search(regexpr);
```

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.
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.
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);
```

startsWith(searchString)

Determines whether a string begins with the characters of a specified string, returning true or false as appropriate.

Parameters

String	searchString	The characters to be searched for at the start of this string.

Returns

String true if the given characters are found at the beginning of the string; otherwise, false

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
var str1 = 'Cats are the best!';
 application.output(str1.startsWith('Cats'));
```

startsWith(searchString, position)

Determines whether a string begins with the characters of a specified string, returning true or false as appropriate.

Parameters

String	searchString	The characters to be searched for at the start of this string.
Number	position	The position in this string at which to begin searching for searchString. Defaults to 0.

Returns

String true if the given characters are found at the beginning of the string; otherwise, false

Supported Clients

SmartClient,WebClient,NGClient,MobileClient

Sample

```
var str1 = 'Cats are the best!';
 application.output(str1.startsWith('Cats'));
```

strike()

returns a copy of the string embedded within an <STRIKE> 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();
```