

# RegExp

## Property Summery

Boolean	<a href="#">#global</a>	Specifies if the "g" modifier is set.
Boolean	<a href="#">#ignoreCase</a>	Specifies if the "i" modifier is set.
Number	<a href="#">#lastIndex</a>	An integer specifying the index at which to start the next match.
Boolean	<a href="#">#multiline</a>	Specifies if the "m" modifier is set.
String	<a href="#">#source</a>	The text used for pattern matching.

## Method Summery

String	<a href="#">#exec(string)</a>	Search a string for a specified value.
Boolean	<a href="#">#test(string)</a>	Search a string for a specified value.

## Property Details

### global

Specifies if the "g" modifier is set.

#### Returns

[Boolean](#)

#### Sample

```
var str = 'Visit www.servoy.com';
var patt1 = new RegExp('www');
application.output(patt1.global);
```

### ignoreCase

Specifies if the "i" modifier is set.

#### Returns

[Boolean](#)

#### Sample

```
var str = 'Visit www.servoy.com';
var patt1 = new RegExp('www');
application.output(patt1.ignoreCase);
```

### lastIndex

An integer specifying the index at which to start the next match.

#### Returns

[Number](#)

#### Sample

```
var str = 'The rain in Spain stays mainly in the plain';
var patt1 = new RegExp('ain', 'g');
patt1.test(str);
application.output('Match found. index now at: ' + patt1.lastIndex);
```

### multiline

Specifies if the "m" modifier is set.

#### Returns

[Boolean](#)

#### Sample

```
var str = 'Visit www.servoy.com';
var patt1 = new RegExp('www','m');
application.output(patt1.multiline);
```

### source

The text used for pattern matching.

#### Returns

[String](#)

#### Sample

```
var str = 'Visit www.servoy.com';
var patt1 = new RegExp('www.','g');
application.output('The regular expression is: ' + patt1.source);
```

## Method Details

### exec

[String](#) **exec**(string)

Search a string for a specified value. Returns the found value and remembers the position.

**Parameters**

{Object} string

**Returns**

String – A String representing the found value.

**Sample**

```
var str='Visit www.servoy.com';  
var patt=new RegExp('servoy');  
application.output(patt.exec(str));
```

**test**

Boolean test(string)

Search a string for a specified value. Returns true or false.

**Parameters**

{Object} string

**Returns**

Boolean – true if a match was found in the string. false otherwise.

**Sample**

```
var str='Visit www.servoy.com';  
var patt=new RegExp('soft');  
application.output(patt.test(str)==true);  
patt.compile('servoy');  
application.output(patt.test(str)==true)
```