

# RegExp

## Property Summary

|         |                             |                                                                   |
|---------|-----------------------------|-------------------------------------------------------------------|
| 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 Summary

|         |                               |                                        |
|---------|-------------------------------|----------------------------------------|
| 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)
```