JavaScript String replace() Method

Example

Return a string where "Microsoft" is replaced with "W3Schools":

```
var str = "Visit Microsoft!";
var res = str.replace("Microsoft", "W3Schools");
```

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More "Try it Yourself" examples below.

Definition and Usage

The replace() method searches a string for a specified value, or a *regular expression*, and returns a new string where the specified values are replaced.

Note: If you are replacing a value (and not a *regular expression*), only the first instance of the value will be replaced. To replace all occurrences of a specified value, use the global (g) modifier (see "More Examples" below).

Read more about regular expressions in our RegExp Tutorial and our RegExp Object Reference.

This method does not change the original string.

Browser Support

Method					

Syntax

```
string.replace(searchvalue, newvalue)
```

Parameter Values

Parameter	Description
searchvalue	Required. The value, or regular expression, that will be replaced by the new value
newvalue	Required. The value to replace the search value with

Technical Details

Return Value:	A new String, where the specified value(s) has been replaced by the new value
JavaScript Version:	ECMAScript 1

More Examples

Example

Perform a **global** replacement:

```
var str = "Mr Blue has a blue house and a blue car";
var res = str.replace(/blue/g, "red");
```

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Perform a global, **case-*insensitive*** replacement:

```
var str = "Mr Blue has a blue house and a blue car";
var res = str.replace(/blue/gi, "red");
```

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Example

Using a **function** to return the replacement text:

```
var str = "Mr Blue has a blue house and a blue car";
var res = str.replace(/blue|house|car/gi, function (x) {
  return x.toUpperCase();
});
```

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