JavaScript compile() Method

🔺 JavaScript RegExp Object

Definition and Usage

The compile() method is used to compile a regular expression during execution of a script.

The compile() method can also be used to change and recompile a regular expression.

Syntax

```
RegExpObject.compile(regexp,modifier)
```

Parameter	Description
regexp	A regular expression
modifier	Specifies the type of matching. "g" for a global match, "i" for a case-insensitive match and "gi" for a global, case-insensitive match

Browser Support

The compile() method is supported in all major browsers, except Opera.

Example

Example

Do a global search for "man" in a string, and replace it with "person". Then change the regular expression and replace either "man" or "woman" with "person", with the compile() method:

```
<script type="text/javascript">

var str="Every man in the world! Every woman on earth!";
var patt=/man/g;
var str2=str.replace(patt,"person");
document.write(str2+"<br />");
patt=/(wo)?man/g;
patt.compile(patt);
str2=str.replace(patt,"person");
document.write(str2);

</script>
```

The output of the code above will be:

```
Every person in the world! Every woperson on earth!
Every person in the world! Every person on earth!
```

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