JavaScript RegExp Characters

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RegExp Character Classes

Character classes match any one of the characters inside square brackets `[...]`.

Character Class [HW]

`[HW]` matches any single character in the set H or W:

```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript RegExp Characters</h2>
<p>From w3schools.com, Experiment by Teeratus_R</p>

<h4>Character Class [HW]</h4>
<p id="demo"></p>

<script>
const text = "HELLO world";
const matches = text.match(/[HW]/g);

document.getElementById("demo").innerHTML =
  "Text: " + text + "<br><br>" +
  "match(/[HW]/g): " + matches + "<br>" +
  "Matches any H or W character";
</script>

</body>
</html>
```

Example 1

Result View Example

Character Range [A-Z]

`[A-Z]` matches any uppercase letter from A to Z:

```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript RegExp Characters</h2>
<p>From w3schools.com, Experiment by Teeratus_R</p>

<h4>Character Range [A-Z]</h4>
<p id="demo"></p>

<script>
const text = "Hello World 123";
const matches = text.match(/[A-Z]/g);

document.getElementById("demo").innerHTML =
  "Text: " + text + "<br><br>" +
  "match(/[A-Z]/g): " + matches + "<br>" +
  "Matches any uppercase letter";
</script>

</body>
</html>
```

Example 2

Result View Example

Character Class [1234]

`[1234]` matches any single digit in the set 1, 2, 3, or 4:

```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript RegExp Characters</h2>
<p>From w3schools.com, Experiment by Teeratus_R</p>

<h4>Character Class [1234]</h4>
<p id="demo"></p>

<script>
const text = "123456789";
const matches = text.match(/[1234]/g);

document.getElementById("demo").innerHTML =
  "Text: " + text + "<br><br>" +
  "match(/[1234]/g): " + matches + "<br>" +
  "Matches digits 1, 2, 3, or 4 only";
</script>

</body>
</html>
```

Example 3

Result View Example

Character Range [1-4]

`[1–4]` matches any digit from 1 to 4 (same as [1234] but using a range):

```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript RegExp Characters</h2>
<p>From w3schools.com, Experiment by Teeratus_R</p>

<h4>Character Range [1-4]</h4>
<p id="demo"></p>

<script>
const text = "123456789";
const matches = text.match(/[1-4]/g);

document.getElementById("demo").innerHTML =
  "Text: " + text + "<br><br>" +
  "match(/[1-4]/g): " + matches + "<br>" +
  "Range syntax = same as [1234]";
</script>

</body>
</html>
```

Example 4

Result View Example

Document

Document in project

You can Download PDF file.

Reference

- W3Schools JavaScript RegExp Characters