

String.prototype.trim()

Summary: in this tutorial, you'll learn how to use the JavaScript `trim()` method to remove whitespace characters from both ends of a string.

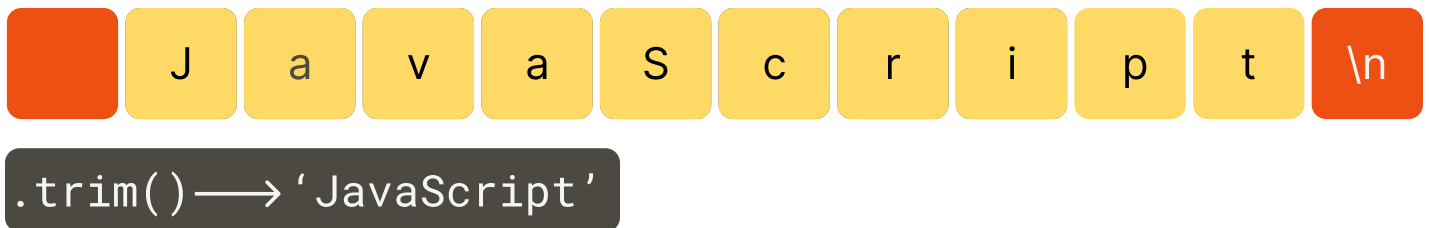
Introduction to the JavaScript trim() method

The `String.prototype.trim()` returns a new string with whitespace trimmed from the beginning and end of a string.

Here's how to use the `trim()` method:

```
let newString = str.trim();
```

Note that the `trim()` method returns a completely new string and doesn't change the original string.



In JavaScript, the following characters are whitespace:

- A space character (' ')
- A tab character (`\t`)
- A carriage return character (`\r`)
- A new line character. (`\n`)
- A vertical tab character. (`\v`)
- A form feed character. (`\f`)

To remove whitespace characters from the beginning or the end of a string only, you use the `trimStart()` or `trimEnd()` method.

JavaScript trim() method examples

Let's take some examples of using the `trim()` method.

Basic JavaScript trim() examples

The following example shows how to use the `trim()` to remove whitespace from both sides of a string:

```
let str = '  JavaScript trim  ';
let result = str.trim();

console.log({str});
console.log({result});
```

Output:

```
{str: '  JavaScript trim  '}
{result: 'JavaScript trim'}
```

The following example illustrates how to use the `trim()` method to remove the leading and trailing newlines from a string:

```
let str = '\nJavaScript Tutorial\n\n';
let result = str.trim();

console.log({str});
console.log({result});
```

Output:

```
{str: '\nJavaScript Tutorial\n\n'}  
{result: 'JavaScript Tutorial'}
```

Chaining with other string methods

Since the `trim()` method returns a string, you can chain it with other [string methods](#). For example:

```
let name = '  John Doe  ';  
let [firstName, lastName] = name.trim().split(' ');  
  
console.log({firstName, lastName});
```

Output:

```
{firstName: 'John', lastName: 'Doe'}
```

In this example, we use the `trim()` method to remove the leading and trailing whitespace from a string and then use the `split()` method to split the string into two parts.

Summary

- Use the `trim()` to remove whitespace characters from both ends of a string.