

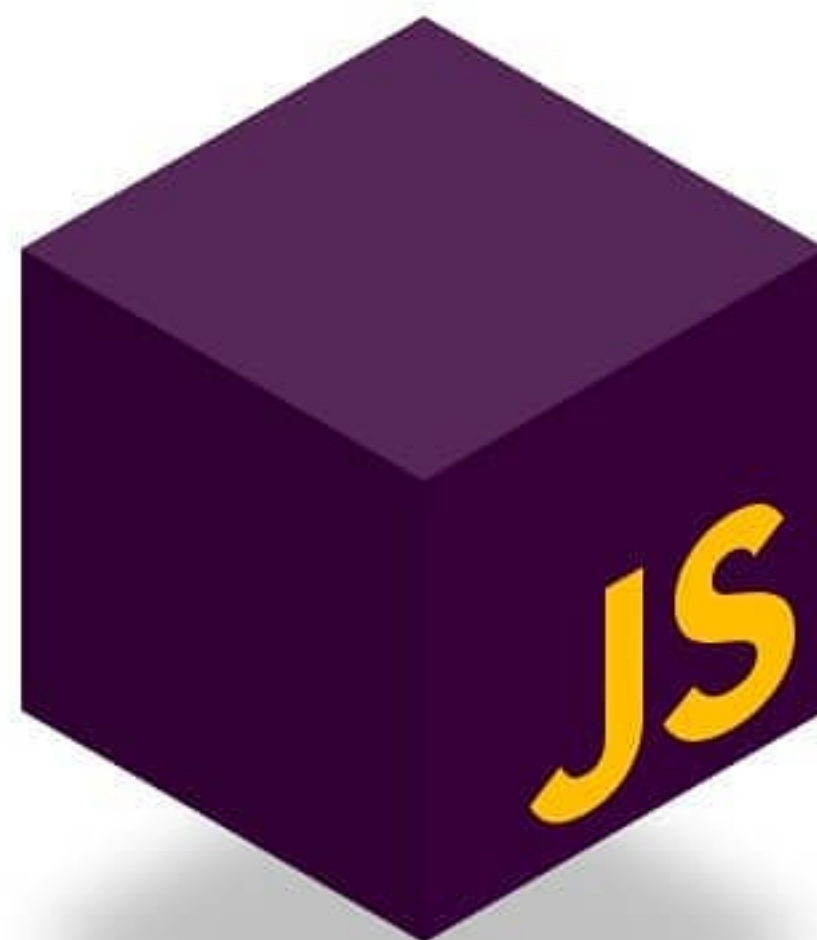
JOIN US & LEARN
WEB DEVELOPMENT



THE COMPLETE GUIDE

SPREAD OPERATOR

USE CASES



@developers_community._





SAVE THIS POST

TURN ON THE
POST NOTIFICATIONS



STRING TO ARRAY WITH SPREAD

```
const string = 'ADITYA';  
  
const array = [...string];  
  
array;  
// [ 'A', 'D', 'I', 'T', 'Y', 'A' ]  
  
//Three Magic dots 💪
```

JS





SAVE THIS POST

TURN ON THE
POST NOTIFICATIONS



SPREAD FOR MERGING ARRAYS

JS

```
const array1 = [1, 2, 3];
```

```
const array2 = [4, 5, 6];
```

```
//Let's merge these arrays
```

```
const mergedArray = [  
  ...array1,  
  ...array2  
];
```

← YES, IT'S THAT EASY :)

```
mergedArray;
```

```
// [ 1, 2, 3, 4, 5, 6 ] 🙌 ✅ Nice flattened array
```





SAVE THIS POST

TURN ON THE
POST NOTIFICATIONS



CLONING ARRAY USING SPREAD



JS

```
// Without using Spread

const original = ['zero', 'one'];
const newArray = original;

original; // ['zero', 'one']
newArray; // ['zero', 'one']

//Our original array is affected
```



JS

```
// With Spread

const original = ['zero', 'one'];
const newArray = [...original];

original; // ['zero', 'one']
newArray; // ['zero', 'one']

//✅ Original array is NOT affected
```





GET **MIN & MAX** VALUE FROM AN ARRAY IN JAVASCRIPT

Using apply

//BEFORE ES6

```
var nums = [1, 2, 3]
Math.min.apply(Math, nums) // -> 1
Math.max.apply(Math, nums) // -> 3
```

Using spread

//With ES6/ES2016 destructuring
assignment it becomes easier

```
const nums = [1, 2, 3]
Math.min(...nums) // -> 1
Math.max(...nums) // -> 3
```





SAVE THIS POST

TURN ON THE
POST NOTIFICATIONS



SET TO ARRAY

```
//Creating a new Set Object JS  
  
const set = new Set([1, 2, 3]);  
  
set;  
// Set(3) {1, 2, 3}
```

```
//Converting SET into Array JS  
  
const array = [...set];  
  
array;  
// [1, 2, 3]
```





SAVE THIS POST

TURN ON THE
POST NOTIFICATIONS



NODELIST TO ARRAY

```
// create a `NodeList` object
```

JS

```
const divs = document.querySelectorAll('div');
```

```
// convert `NodeList` to an array
```

```
const divsArr = [...divs];
```





SAVE THIS POST

TURN ON THE
POST NOTIFICATIONS



DEFINITION FROM GOOGLE

A JavaScript **spread operator** lets you access the contents of an iterable object. The spread operator is a set of three dots (an ellipsis) followed by the name of the iterable you want to access.

USE CASES TO UNDERSTAND IT BETTER

