





ES6: Use the Spread Operator to: X

learn.freecodecamp.org/javascript-algorithms-and-data-structures/es6/use-the-spread-operator-to-evaluat...

freeCodeCamp Search 8,000+ lessons, articles, and videos Curriculum Forum News

other expressions in places where multiple parameters or elements are expected.

The ES5 code below uses `apply()` to compute the maximum value in an array:

```
var arr = [6, 89, 3, 45];
var maximus = Math.max.apply(null, arr); // returns 89
```

We had to use `Math.max.apply(null, arr)` because `Math.max(arr)` returns `NaN`. `Math.max()` expects comma-separated arguments, but not an array.

The spread operator makes this syntax much better to read and maintain.

```
const arr = [6, 89, 3, 45];
const maximus = Math.max(...arr); // returns 89
```

```
1 const arr1 = ['JAN', 'FEB', 'MAR', 'APR', 'MAY'];
2 let arr2;
3 (function() {
4   "use strict";
5   arr2 = []; // change this line
6 })();
7 console.log(arr2);
```