

# Push

Justin Besteman

Reviewed by Ali Zaidi

## Synopsis

This will allow a coder to add items to a declared array.

## Why

When a coder declares an array, that coder might need to update the array with other items.

So if a coder writes a list of movies that he/she owns like

```
1 var movie = ["The Thing", "Firefly", "Rush Hour", "Friday"];
```

What happens if the coder buys another movie the coder would want a way to add the movie to the array.

## Syntax

To do this you need to state the name of the array

Then you need to write push connected with a “.”

After the push, you write parenthesis “()”

Inside the parenthesis, you place what you want to be added to the array

## Advanced

The element that is being added will be added to the end of the array.

So think of reloading bullets in to a magazine, you push the bullets on the

top of the magazine.

This will change the result of `.length` on an array.

## Examples

```
1 // ----- Example 1 -----
2
3 var movie = ["The Thing","Firefly","Rush Hour", "Friday"];
4
5 movie.push("Angel");
6 // ["The Thing","Firefly","Rush Hour", "Friday", "Angel"]
7
8 // ----- Example 2 -----
9
10 var movie = ["The Thing","Firefly","Rush Hour", "Friday"];
11
12 movie.push("Angel" , "Fight Club");
13 // ["The Thing","Firefly","Rush Hour", "Friday", "Angel" ,"
    Fight Club"]
14
15 // ----- Example 3 -----
16
17 var number_array = [];
18
19 for (var i = 0; i < 5; i++){
20
21     number_array.push(i);
22
23 } // End of For Loop
24
25 console.log(number_array);
26 // 0 , 1 , 2 , 3 , 4
```

## Further Reading

[MDN - Push](#)

[w3schools - Push](#)

[StackOverFlow - Push](#)