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 want 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