Push

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Synopsis

Push allows a programmer to add items to a declared array.

Why

After a coder declares an array, they may need to update the array with other items. I.E., 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? They would want a way to add the movie to the array.

Syntax

To add to an array, you need to state the name of the array, followed by a "." and then the word push. Immediately after push, you have parentheses "()". Inside the parentheses, you place what you want to add to the array.

Advanced

The element that is being added gets added to the end of the array. Think of reloading bullets into a magazine. As you add bullets they get placed on the top end of the magazine. Pushing new values, of course, also changes the result of .length on the array.

Examples

```javascript
// ----------------- Example 1 -----------------------

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

movie.push("Angel");
// ["The Thing", "Firefly", "Rush Hour", "Friday", "Angel"]

// ----------------- Example 2 -----------------------

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

movie.push("Angel", "Fight Club");
// ["The Thing", "Firefly", "Rush Hour", "Friday", "Angel", "
    Fight Club"]

// ----------------- Example 3 -----------------------

var number_array = [];

for (var i = 0; i < 5; i++){

  number_array.push(i);

} // End of For Loop

console.log(number_array);
// 0 , 1 , 2 , 3 , 4
```

Further Reading

[MDN - Push](#)

[w3schools - Push](#)

[StackOverFlow - Push](#)