

Length

Justin Besteman

Reviewed by Ali Zaidi

Synopsis

Length is one of the most used prototype of an array.

Why

Often, when I say often I mean all the time, a coder will want to know the length of an array. This is needed to be able to know how many items/indexes are in the array to loop over or search through.

Say that a coder puts the amount of movies they own or a company owns into an array:

```
1 var movie = ["The Thing", "Firefly", "Rush Hour", "Friday the  
13th"];
```

To find out how movies there are, all you need to do is run the prototype length on the array.

Syntax

The syntax is very easy. The name of the array and then length

```
1 movie.length // 4
```

Advanced

Examples

```
1
2 // ----- Example 1 -----
3
4 var array_numbers = [11,2,1,3,4];
5
6 array_numbers.length // 5
7
8 // ----- Example 2 -----
9
10 // length is very powerful when you use it,
11 // with a for loop when you want to loop over it
12
13 var greet = ["hi" , "bye" , "hello" , "goodbye"];
14
15 var length = greet.length;
16
17 for (var i = 0 ; i < length ; i++){
18     console.log(greet[i]);
19 } // End of For Loop
20
21 // ----- Example 2 -----
22
23 var greet = ["hi" , "bye" , "hello" , "goodbye"];
24
25 var length = greet.length;
26
27 for (var i = 0 ; i < greet.length ; i++){
28     console.log(greet[i]);
29 } // End of For Loop
30
31 // You don't need to make a seperate variable
32 // If you don't want to
```

Further Reading

[MDN - length](#)