

IndexOf

Justin Besteman

Reviewed by Ali Zaidi

Synopsis

A powerful prototype for searching an array from a certian element.

Why

When a coder makes an array, there is going to be a lot of times when he/she need to know if a certian element or item is in the array.

Say a coder what to have a search field where it allows the user to enters a search to find out if it is there are or not

Syntax

The syntax is very simple

The name of the array and indexOf() connected by a dot or period.

Inside the parenthesis, you include what you want to see what is in the array.

Advanced

The return value of indexOf will be the number of the index the element is at.

If the value is not found it, return value will be -1.

This will not return multiple numbers meaning if the element you are searching for is in the array multiple time it will only return the first index that element appears in.

Examples

```
1 // ----- Example 1 -----
2
3 var magic = [1,4,3,2,5,99];
4
5 magic.indexOf(4); // 1
6 magic.indexOf(99); // 6
7 magic.indexOf(6); // -1
8
9 // ----- Example 2 -----
10
11 var meatloaf = ["Dashboard", "two-thirds","Dry Eye"];
12
13 var song = meatloaf.indexOf("Dry Eye");
14
15 // song is now 2
16
17 var other_song = meatloaf.indexOf("dashboard");
18
19 // other_song is equal to -1 it is case sensitive
20
21 // ----- Example 3 -----
22
23 var dream = ["clouds","daydreamn","sunshine","toothfairy"];
24
25 var check = dream.indexOf("daydreamn");
26
27 if (check !== -1) {
28     console.log("We are daydreaming now");
29 } // End of If Statement
30
31 // ----- Example 4 -----
32
33 var dream = ["clouds","daydreamn","sunshine","toothfairy"];
34
35 var check = dream.indexOf("daydreamn");
36
37 if (check >= 0) {
38     console.log("We are daydreaming now");
39 } // End of If Statement
```

```

44
45 // ----- Example 5 -----
46
47 var dream = ["clouds","daydreamn","sunshine","toothfairy"];
48
49 var check = "daydream";
50
51 if (dream.indexOf(check) >= 0) {
52     console.log("We are daydreaming now");
53 } // End of If Statement
54
55 // ----- Example 6 -----
56
57 var numbers = [1,2,2,3,3,3];
58
59 numbers.indexOf(2); // 1
60 numbers.indexOf(3); // 3
61
62 // Remember
63 // indexOf will return the index of what
64 // you are searching for
65 // WILL NOT return multiple indexes
66
67

```

Further Reading