Check if array contains all elements of another array

Asked 10 months ago   Active 10 months ago   Viewed 6k times

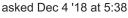▲

4

▼

Target array `[1,2,3]`

```
array1 = [1,2,3]; //return true
array2 = [1,2,3,4]; //return true
array3 = [1,2] //return false
```

★

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i am not getting how to achieve this or may be need to use custom login in this. I have used some and include but that doesn't work for me.

javascript   arrays

asked Dec 4 '18 at 5:38

lakshay bakshi
34   1   5

Possible duplicate of Determining whether one array contains the contents of another array in JavaScript/CoffeeScript – adiga Dec 4 '18 at 6:37

How much research effort is expected of Stack Overflow users? – adiga Dec 4 '18 at 6:37

4 Answers

▲

18

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You can use `.every()` and `.includes()` methods:

```
let array1 = [1,2,3],
    array2 = [1,2,3,4],
    array3 = [1,2];
```

```
console.log(checker(array2, array1));
console.log(checker(array3, array1));
```

<table>
<tr><td>Run code snippet</td><td>Expand snippet</td></tr>
</table>

answered Dec 4 '18 at 5:40

Mohammad Usman
23.7k   13   54   65

You can try with Array.prototype.every() :

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The `every()` method tests whether all elements in the array pass the test implemented by the provided function.

and Array.prototype.includes() :

The `includes()` method determines whether an array includes a certain element, returning true or false as appropriate.

```javascript
var mainArr = [1,2,3];
function isTrue(arr, arr2){
  return arr.every(i => arr2.includes(i));
}
console.log(isTrue(mainArr, [1,2,3]));
console.log(isTrue(mainArr, [1,2,3,4]));
console.log(isTrue(mainArr, [1,2]));
```

<table>
<tr><td>Run code snippet</td><td>Expand snippet</td></tr>
</table>

answered Dec 4 '18 at 5:43

Mamun
37.1k   7   19   33

1

```javascript
targetArray =[1,2,3];
array1 = [1,2,3]; //return true
array2 = [1,2,3,4]; //return true
array3 = [1,2] //return false

console.log(targetArray.every(function(val) { return array1.indexOf(val) >= 0; }));
//true
 console.log(targetArray.every(function(val) { return array2.indexOf(val) >= 0; })); //
true
 console.log(targetArray.every(function(val) { return array3.indexOf(val) >= 0; }));//
false
```

answered Dec 4 '18 at 5:47

[zetawars](#)
557 4 16

I used Purely Javascript.

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```javascript
function checkElementsinArray(fixedArray,inputArray)
{
    var fixedArraylen = fixedArray.length;
    var inputArraylen = inputArray.length;
    if(fixedArraylen<=inputArraylen)
    {
        for(var i=0;i<fixedArraylen;i++)
        {
            if(!(inputArray.indexOf(fixedArray[i])>=0))
            {
                return false;
            }
        }
    }
    else
    {
        return false;
    }
    return true;
}

console.log(checkElementsinArray([1,2,3], [1,2,3]));
```

answered Dec 4 '18 at 7:15

Pankaj Revagade
1   1