8 Must-Know JavaScript Array Methods

JS

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.forEach()

Executes a provided function once for each array element.

```javascript
const emojis = ['⚽', '🏃', '🍕']

emojis.forEach(emoji => {
  console.log(`I love ${emoji}`)
})
```

Console

```
I love ⚽
I love 🏃
I love 🍕
```

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.map()

Creates a new array populated with the results of calling a provided function on every element.

```javascript
const emojis = ['🍎', '🍇', '🍊']

const result = emojis.map(emoji => {
  return emoji + emoji
})

console.log(result)
```

Console

```
[ '🍎🍎', '🍇🍇', '🍊🍊' ]
```

.filter()

Creates a new array with all elements that pass the test implemented by the provided function.

```javascript
const emojis = ['🐶', '🐱', '🐰', '🐢']

const pet = emojis.filter(emoji => {
  return emoji == '🐶' || emoji == '🐱'
})


console.log(pet)
```

Console

```
[ '🐶', '🐱' ]
```

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.concat()

Creates a new array by merging two or more arrays.

```javascript
const fruits = ['🍎', '🍌']
const vegetables = ['🥕', '🥦']

const result = fruits.concat(vegetables)

console.log(result)
```

Console

```
[ '🍎', '🍌', '🥕', '🥦' ]
```

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.find()

Returns the value of the first array element that satisfies the provided test function, or **undefined** if none does.

```javascript
const emojis = ['🌞', '🌝', '🌜', '🌚']

const moon = emojis.find(emoji => {
    return emoji == '🌜'
})

console.log(moon)
```

Console

🌜

.push()

Adds the specified elements to the end of an array.

```javascript
const emojis = ['🍩', '🍰', '🍪']

emojis.push('🍦')

console.log(emojis)
```

Console

```
[ '🍩', '🍰', '🍪', '🍦' ]
```

To add them to the beginning, use the `.unshift()` method.

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.pop()

Removes the last element from an array and returns it.

```javascript
const emojis = ['🚗', '🚕', '🚙']

const lastEmoji = emojis.pop()

console.log(lastEmoji)
console.log(emojis)
```

Console

🚙

['🚗', '🚕']

To remove the first one, use the `.shift()` method.

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.includes()

Determines whether an array includes a certain value or not.

```javascript
const emojis = ['🌞', '🌙', '🌚']

const hasSun = emojis.includes('🌞')
console.log(hasSun)

const hasStar = emojis.includes('⭐')
console.log(hasStar)
```

Console

```
true
false
```

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