

JavaScript: objeto Array



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Array



Intrínseco Built-in



Date
Math
Number
String
RegExp



Boolean Global

Array

Vector

Matriz

Arreglo

0	1	2	3	4	5	6	7
---	---	---	---	---	---	---	---

0	1	2	3	4	5	6	7
---	---	---	---	---	---	---	---

'a'	'b'	'c'	'd'	'e'	'f'	'g'	'h'
-----	-----	-----	-----	-----	-----	-----	-----

'a'	1	2.1	true	null	5	6.3	-7
-----	---	-----	------	------	---	-----	----

Esto es un objeto
de tipo Array

```
a = new Array();
```

```
b = [];
```

```
a = new Array(1, 2, 3);
```

```
b = [1, 2, 3];
```

Posición: 0 1 2

`a = new Array(1, 2, 3);`

`b = [1, 2, 3];`

Posición: 0 1 2

JS & DOM Reference JavaScript Array Object

Overview

JavaScript Objects

- JS Array
- JS Boolean
- JS Date
- JS Math
- JS Number
- JS String
- JS RegExp
- JS Global

Browser Objects

- Window
- Navigator
- Screen
- History
- Location

Core DOM Objects

- DOM Node
- DOM NodeList
- DOM NamedNodeMap
- DOM Document
- DOM Element
- DOM Attr

HTML DOM Objects

- DOM Document
- DOM Events
- DOM Elements

- DOM Anchor
- DOM Area
- DOM Base
- DOM Body
- DOM Button
- DOM Form
- DOM Frame/IFrame
- DOM Frameset
- DOM Image
- DOM Input Button
- DOM Input Checkbox
- DOM Input File
- DOM Input Hidden
- DOM Input Password
- DOM Input Radio
- DOM Input Reset
- DOM Input Submit
- DOM Input Text
- DOM Link
- DOM Meta
- DOM Object

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Array Object

The Array object is used to store multiple values in a single variable.

For a tutorial about Arrays, read our [JavaScript Array Object tutorial](#).

Array Object Properties

Property	Description
constructor	Returns the function that created the Array object's prototype
length	Sets or returns the number of elements in an array
prototype	Allows you to add properties and methods to an Array object

Array Object Methods

Method	Description
concat()	Joins two or more arrays, and returns a copy of the joined arrays
indexOf()	Search the array for an element and returns its position
join()	Joins all elements of an array into a string
lastIndexOf()	Search the array for an element, starting at the end, and returns its position
pop()	Removes the last element of an array, and returns that element
push()	Adds new elements to the end of an array, and returns the new length
reverse()	Reverses the order of the elements in an array
shift()	Removes the first element of an array, and returns that element
slice()	Selects a part of an array, and returns the new array
sort()	Sorts the elements of an array
splice()	Adds/Removes elements from an array
toString()	Converts an array to a string, and returns the result
unshift()	Adds new elements to the beginning of an array, and returns the new length
valueOf()	Returns the primitive value of an array

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<u>indexOf()</u>	Search the array for an element and returns it's position
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<u>pop()</u>	Removes the last element of an array, and returns that element
<u>push()</u>	Adds new elements to the end of an array, and returns the new length
<u>reverse()</u>	Reverses the order of the elements in an array
<u>shift()</u>	Removes the first element of an array, and returns that element
<u>slice()</u>	Selects a part of an array, and returns the new array
<u>sort()</u>	Sorts the elements of an array
<u>splice()</u>	Adds/Removes elements from an array
<u>toString()</u>	Converts an array to a string, and returns the result
<u>unshift()</u>	Adds new elements to the beginning of an array, and returns the new length
<u>valueOf()</u>	Returns the primitive value of an array

PROPIEDADES

length: Número de elementos en el array.

MÉTODOS

indexOf(): Busca un elemento y devuelve su posición.

lastIndexOf(): Busca un elemento comenzando desde el final y devuelve su posición.

MÉTODOS

pop(): Elimina y devuelve el último elemento de un array.

push(): Añade un elemento al final de un array.

MÉTODOS

shift(): Elimina y devuelve el primer elemento de un array.

push(): Añade un elemento al final de un array.

MÉTODOS

sort(): Ordena los elementos de un array.

Alfabética o numérica

Ascendente o descendente

Extender

Array

prototype

?

```
Array.prototype.walk = function(f) {  
    for(i = 0; i < this.length; i++)  
        this[i] = f(this[i]);  
}
```

```
function suma(i) {  
    return i + 10;  
}
```

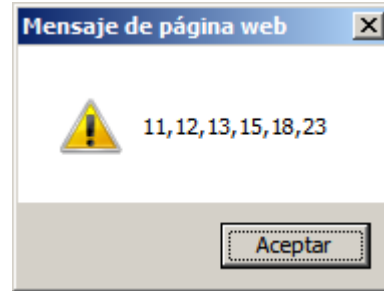
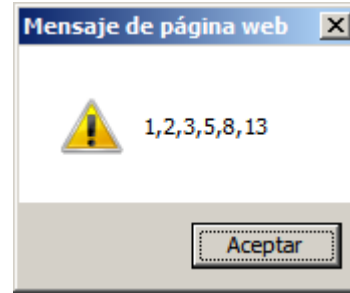


```
var a = [1, 2, 3, 5, 8, 13];
```

```
alert(a);
```

```
a.walk(suma);
```

```
alert(a);
```





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