

JavaScript Array Reference

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Array Object

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

```
var cars = ["Saab", "Volvo", "BMW"];
```

Array indexes are zero-based: The first element in the array is 0, the second is 1, and so on.

For a tutorial about Arrays, read our JavaScript Array Tutorial (/js/js_arrays.asp).

Array Properties

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

Array Methods

Method	Description
concat() (jsref_concat_array.asp)	Joins two or more arrays, and returns a copy of the joined arrays
indexOf() (jsref_indexof_array.asp)	Search the array for an element and returns its position

<code>join()</code> (jsref_join.asp)	Joins all elements of an array into a string
<code>lastIndexOf()</code> (jsref_lastindexof_array.asp)	Search the array for an element, starting at the end, and returns its position
<code>pop()</code> (jsref_pop.asp)	Removes the last element of an array, and returns that element
<code>push()</code> (jsref_push.asp)	Adds new elements to the end of an array, and returns the new length
<code>reverse()</code> (jsref_reverse.asp)	Reverses the order of the elements in an array
<code>shift()</code> (jsref_shift.asp)	Removes the first element of an array, and returns that element
<code>slice()</code> (jsref_slice_array.asp)	Selects a part of an array, and returns the new array
<code>sort()</code> (jsref_sort.asp)	Sorts the elements of an array
<code>splice()</code> (jsref_splice.asp)	Adds/Removes elements from an array
<code>toString()</code> (jsref_tostring_array.asp)	Converts an array to a string, and returns the result
<code>unshift()</code> (jsref_unshift.asp)	Adds new elements to the beginning of an array, and returns the new length
<code>valueOf()</code> (jsref_valueof_array.asp)	Returns the primitive value of an array

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