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JavaScript Arrays Cheat Sheet

Accessing Elements I

a1.concat(a2)	Return new array by joining arrays a1 and a2 together
a1.join(separator)	Join all elements of array a1 into a string separated by separator arg
a1.slice(start, end)	Extract a section from start to end of array a1 and return a new array
a1.indexOf(obj)	Return first index of obj within array a1
a1.lastIndexOf(obj)	Return last index of obj within array a1

Iterating I

a1.forEach(fn)	Calls function fn for each element in the array a1
a1.every(fn)	Return true if every element in array a1 satisfies provided testing function fn
a1.some(fn)	Return true if at least one element in array a1 satisfies provided testing function fn
a1.filter(fn)	Create a new array with all elements of array a1 which pass the filtering function fn

Iterating II

a1.map(fn)	Create a new array with results of calling function fn on every element in array a1
a1.reduce(fn)	Apply a function fn against an accumulator and each value (from left to right) of the array as to reduce it to a single value
a1.reduceRight(fn)	Apply a function fn against an accumulator and each value (from right to left) of the array as to reduce it to a single value

Mutating I

a1.pop()	Remove and return last element from array a1
a1.push(obj)	Add obj to end of array a1 and return new length
a1.reverse()	Reverse order of elements of array a1 in place
a1.sort()	Sort the elements of array a1 in place
a1.splice(start, deleteCount, items)	Change content of array a1 by removing existing elements and/or adding new elements
a1.unshift(obj)	Add obj to start of array a1 and return new length

General I

a1.toString()	Return a string representing array a1 and its elements (same as a1.join(','))
a1.toLocaleString()	Return a localized string representing array a1 and its elements (similar to a1.join(','))
Array.isArray(var)	Return true if var is an array
a1.length	Return length of array a1
a1[0]	Access first element of array a1