

JS Array Methods

Computing

Which method to reach for, and which ones change the original array.

The methods that cover almost all day-to-day array work.

Method	Returns	Mutates?
map(fn)	New array, same length	no
filter(fn)	New, shorter array	no
reduce(fn, init)	One value	no
find(fn)	First match or undefined	no
some / every	Boolean	no
slice(a, b)	A copy of a range	no
sort(fn)	The sorted array	YES
splice(i, n)	Removed items	YES
push / pop / shift	Length or item	YES
flat / flatMap	New flattened array	no

sort() without a comparator sorts as strings: [10, 9, 1] becomes [1, 10, 9].
Always pass (a, b) $\Rightarrow$ a - b for numbers.