

Results for the extraLargeArray

- insert 1.0034012 s
- append 4.2116 ms

Results for the tinyArray

- insert 48.1 μ s
- append 84.6 μ s

Results for the smallArray

- insert 48.3 μ s
- append 93.4 μ s

Results for the mediumArray

- insert 176.7 μ s
- append 137.4 μ s

Results for the largeArray

- insert 8.6634 ms
- append 674.7 μ s

Result findings

From what I can see in the runtime, the .push method seems to run faster, especially the larger the array becomes. The difference becomes clear when running the extraLargeArray. The .push method takes a few milliseconds, where as the .unshift method takes more than a second. Starting at the tinyArray, the runtime is within microseconds and that trend stays steady until the largeArray runs, where the .unshift method runs in ms and the .push still runs in micro.