Results for the extraLargeArray

insert 729.2163 ms

append 3.5006 ms

Results for the largeArray

insert 7.5838 ms

append 668.6 μs

Results for the mediumArray

insert 138.6 μs

append 122.3 μs

Results for the smallArray

insert 34.7 μs

append 73.4 μs

Results for the tinyArray

insert 27.4 μs

append 118.9 μs

My observation on the scaling of the array size changing and the time it takes to be passed through is that the smaller the array the faster it takes to pass through. From my tests it appears that the small array versus the medium array. I can tell that these two arrays scale the best due to the amount of time they take. 138.6 μs is a little over 2x as long as 34.7 μs