

Results for the tinyArray
insert 19.458 μ s
append 56.584 μ s

Results for the smallArray
insert 29 μ s
append 64.583 μ s

Results for the mediumArray
insert 172.625 μ s
append 123.833 μ s

Results for the largeArray
insert 8.026 ms
append 539.791 μ s

Results for the extraLargeArray
insert 771.12125 ms
append 1.901125 ms

In these five arrays I can see that the smaller the arrays go the shorter the load millisecond is. If I had to pick two functions to scalability I would say the large and the medium arrays, because they are the more balanced because of the run time and linear time is better than the rest of them.