

Results for the extraLargeArray  
insert 772.976041 ms  
append 1.95025 ms

Results for the largeArray  
insert 7.63475 ms  
append 485.416  $\mu$ s

Results for the mediumArray  
insert 139.042  $\mu$ s  
append 105.958  $\mu$ s

Results for the smallArray  
insert 24.167  $\mu$ s  
append 51.375  $\mu$ s

Results for the tinyArray  
insert 16.834  $\mu$ s  
append 45.875  $\mu$ s

As both functions are ran with different sized arrays using the .push was much slower when compiling a larger amount of data. When scaling for larger systems .unshift is a much better method. Although when using smaller arrays such as smallArray and tinyArray .push ran much faster. In conclusion for larger scalability it is better to use .unshift in practice.