CS 1632 - DELIVERABLE 4: Performance Testing

https://github.com/shixiongjing/D4

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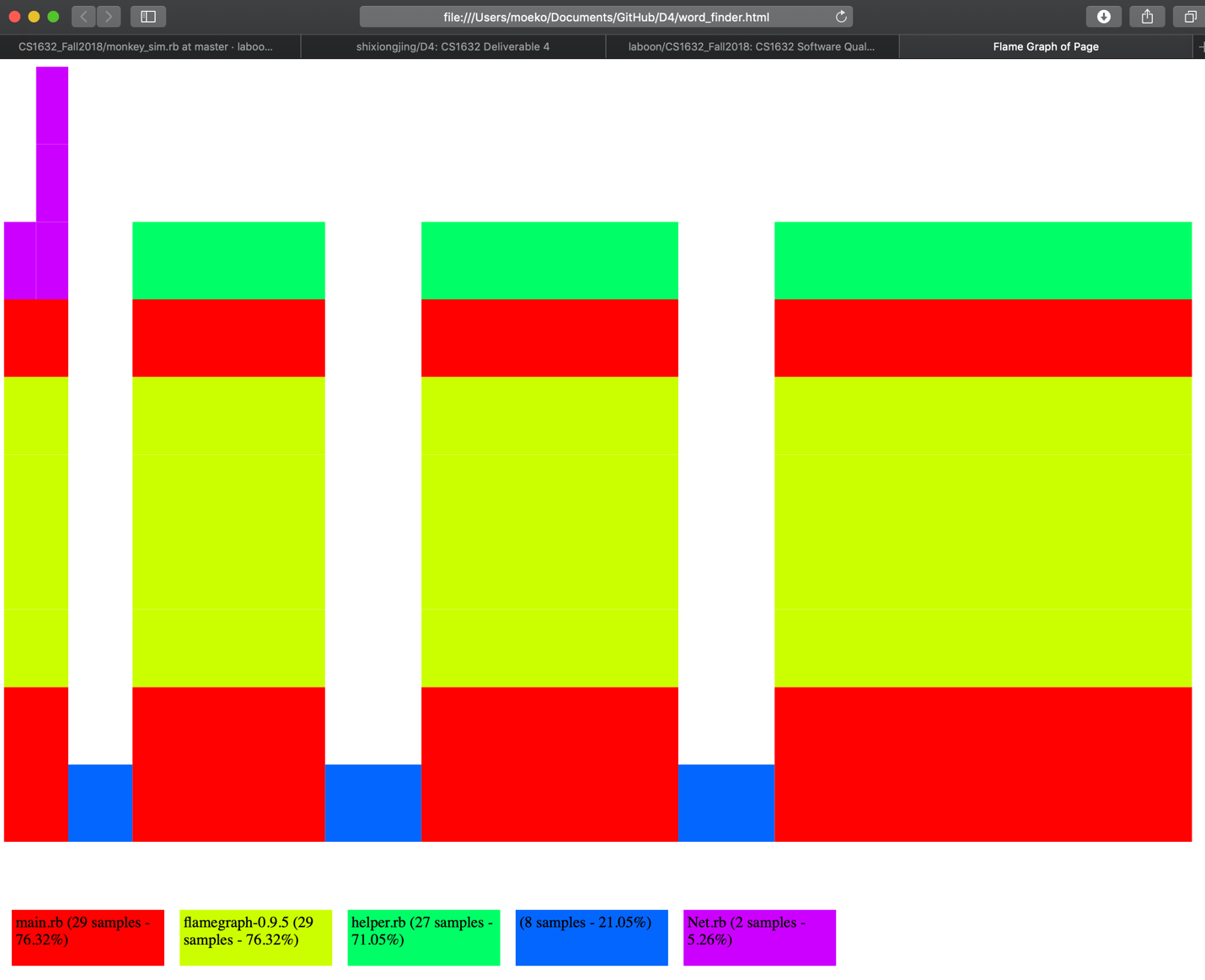
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**Summary**

The most challenging part of this deliverable is coming up with an optimal way to traverse the text file and store the longest word. We decide to use an external library called Trie, which can translate string into a tree (For more information, please go to <https://github.com/tyler/trie>). We used new\_list.rb to generate new input dictionary, which can be easily used to create trie object. Based on the result of our flame graph shows, the methods which took up the most CPU time were used to generate the graph itself. Therefore, the improvement we made is simply remove the flamegraph code.

**Screenshots**

Flame Graph

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