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Programming Assignment 4
Info 211
Spell Checker

Description

This assignment is about creating a spellchecker while reading certain text documents and counts how many words have been found, how many comparisons and how many words and comparisons not found. Depending on how efficient on the parser depends on how accurate the average is. The idea is to use a linked list with 26 nodes for every character of the alphabet. Each word is compared letter by letter to see if the word true otherwise the words not found counter would be added.

Observation

There were some problems that I had while doing this assignment. One problem that I had was trying to figure out what was going on for my parser. It was reading the first word then closing the file. I didn't know what exactly what went wrong but I changed up my loops and readjusted my curly braces and cleaned it up and it started working. Another problem I had was getting the comparisons but this problem was easily fixed when I add the increments to them.

Output

run:

words found 914045

words not found 64546

comparisons 3554

comparisons not found 7426

BUILD SUCCESSFUL (total time: 36 seconds)