Verification & Validation Word Counter

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A program in Java to count words and their frequency of appearance in a .txt file

Source Code

Basically, what our program does is reading the absolute path of the file, and then reads the file line by line. If the line is empty, the program moves forward. If it doesn't, we remove every special character from the line, and then we split it by whitespaces. This gives us an array of words. So, the number of words in that line is the length of the array, and we increment it as we read the lines. Then, we add the words to a map, so we can keep track of how many times that word appeared. The tests were made with JUnit, and we are just comparing the number of words that the program returns with the real number of words that the file has.