README

Assignment #3: Dynamic Data structures (linked lists)

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March 19 2021

I compile my program using a make file and the e -Wall -std=c99 flags. To run the program initial type "make" to crate the output then use the command "./output" to run it. A limitation of this program are the defined sizes for tweets and usernames being 141 and 51 respectively. Furthermore, the max size of a file name is 150. Future improvement to the program will be done using Valgrind to ensure no memory leaks.

Creating a Tweet: User inputs username and tweet. ID calculated based on ascii values of username plus the length of the tweet.

Displaying Tweets: Displays all tweets to the user in the formation ID : USERNAME : TEXT

Searching Tweets: User enters a keywords and tweets are scanned. Those that contain it are printed to the user

Counting Stop Words: Counts stop words across all tweets. Stop words defined as:

"a","an","and","are","as","at","be","by","for","from","has","he","in","is","it","its", "of","on","that","the","to","was","were","will","with"

Deleting a Tweet: User is told the number of tweets and selects which tweet they wants to delete

Save Tweets to File: Prompts user for filename creating that file if it doesn't exist

Load Tweets from File: Takes in filename and loads data from a CSV file

Token Compare: Used in Counting Stop Words, takes in token if it is a stopping word returns one