PROJECT GOALS - CS 225

Dataset:

We are using the meme-tracker from Stanford University, which tracks frequently-appearing 'phrases' on the internet. The format is as follows on the website (http://snap.stanford.edu/data/memetracker9.html):

"

```
P       http://blogs.abcnews.com/politicalpunch/2008/09/obama-says-mc-1.html
T       2008-09-09 22:35:24
Q       that's not change
Q       you know you can put lipstick on a pig
Q       what's the difference between a hockey mom and a pit bull lipstick
Q       you can wrap an old fish in a piece of paper called change
L
http://reuters.com/article/politicsnews/idusn2944356420080901?pagenumber=1&virt
ualbrandchannel=10112
L       http://cbn.com/cbnnews/436448.aspx
L
http://voices.washingtonpost.com/thefix/2008/09/bristol_palin_is_pregnant.html?
hpid=topnews
```

...the first letter of the line encodes:

- P: URL of the document
- T: time of the post (timestamp)
- Q: phrase extracted from the text of the document
- L: hyper-links in the document (links pointing to other documents on the web)

Note some documents have zero phrases or zero links.
"

Algorithms:

We will be using an in-order traversal (Depth-First Search).

We also want to implement the algorithms Floyd-Warshall and layered-graph drawing.

Data Use:

We will use the data by working with a singular phrase, tracking all the instances it was used in a single month, and then sort the instances chronologically.