



The (buggy?) Graph

1. For `trie.find()` I expect D since I'm just traveling down the tree. For `bst.find()` I expect $\log(N)$ based on the docs. For `hash.find()` I expect N based on the docs.
2. I don't think these look like the results I want. As in, I'm pretty sure the graph should look different despite the data. (I'm on a Mac using Safari.).
3. I store the max frequency of each node's descendants. I do BFS ordered by max frequency. If I've found enough words and a subtree's max frequency is below the min of found words, I don't search it. This algorithm sounds like it saves time, but apparently it doesn't. I *think* the runtime is $O(D + C + D) = O(D + C)$ due to the two traversals and the breadth first search similarity.

graph.png (The (buggy?) Graph) [1241x679]