

Cs352 — Homework #11 — Optional tries visualization

May 21, 2004

Due Time: 6/21 (9:00PM). Name your file `tt_ptrie.c`. Submission in pairs is allowed and encouraged.

The problem is to show how a trie is changing, while it changes. The output, i.e. commands given by the users, are as specified in hw5. After each commands (**i** or **d**), the new trie should be displayed. The exact format of the presentation is up to you, as long as the following rules are followed:

- All nodes which have the same distance from the root, are drawn in the same hight on the window. That is, they create a horizontal raw (one to the left of the other).
- A node can be symbolized by a circle or a disc (up to you). However, next to each edge you should render the letter corresponding to this edge (a,b,c,d). You should find a way to show on the node whether a word is ending at this node.
- Your drawing should be clear enough so it is easy to understand how the trie is constructed by looking at your render, but the fonts, size of nodes, and distances between the nodes should be reasonably small.
- After a command is read, you should wait 2 seconds before reading the next command. In this way, it would be easier to run the program while reading the input from a file.