Subject: Frequency Report Handled In bstrees.c?
Posted by josephmalafronte on Mon, 06 Mar 2017 04:55:09 GMT

When the command file calls f in order to report a frequency value our bstrees.c handles the display of the frequency correct? So in my bstrees.c I would do a fprintf saying Frequency of "x" is: findVBST(nameOfVBST, "x") as opposed to making a call to a VBST frequency report function.

Subject: Re: Frequency Report Handled In bstrees.c?
Posted by SSinischo on Mon, 06 Mar 2017 17:09:23 GMT

Printing the frequency should be part of the display function in your VBST/RBT class

Subject: Re: Frequency Report Handled In bstrees.c?
Posted by davidmccoy on Mon, 06 Mar 2017 17:16:19 GMT

You're correct. You can expect that findVBST/RBT will return the frequency (according to class and @Lusth).

Subject: Re: Frequency Report Handled In bstrees.c?
Posted by bmbaker1 on Mon, 06 Mar 2017 18:10:38 GMT

Uh oh, I have a function in the class that reads the commands that just prints the frequency of a given phrase. My displayVBST() function just calls displayBST(), which prints the entire tree. How would I get displayVBST() to only display the frequency of a word?

Subject: Re: Frequency Report Handled In bstrees.c?
Posted by davidmccoy on Mon, 06 Mar 2017 19:09:44 GMT

You don't need that. What the question above refers to is the fact that one of the commands to be read from the command corpus is 'f', which reports the frequency of a search term. So in bstrees, or you interpreter, you need to call findVBST/RBT and use the return value to say "Frequency of "[search term]" is: [frequency]". You don't need to make any changes to your display functions.