Subject: Amazing Testing Files
Posted by davidmccoy on Wed, 22 Feb 2017 01:15:01 GMT

Important assumption made for testing files: whitespace with invalid characters together are collapsed into a single space. For example, "1 2 3 " would be cleaned to " ", and "th*3is \n will CH! \n ## ange " would be cleaned to "this will change ".

Full testing files are now available. Make sure to update your make test to the latest edition in addition to grabbing new files. Thanks to Jake Mizzell for contributing test cases, including a very, very large one.

Grab the contents of the testing folder with the following command (requires git be installed on your system):

```
git clone https://github.com/damccoy1/assign2testing.git
```

Obviously correct me if I'm wrong along the process of creating the testing repo. Best of luck to all!

Subject: Re: Amazing Testing Files
Posted by davidmccoy on Tue, 28 Feb 2017 18:56:15 GMT

I've done my first push! Check out readme.txt in the repo. This first round of testing files compares our vbst/bst output (but it can't see if you did your implementation by spec, merely that the output is good).

Subject: Re: Amazing Testing Files
Posted by egturner2 on Tue, 28 Feb 2017 22:38:52 GMT

For the second test case my output is:
0: =" "(" ")-
It says in the project description not to insert empty strings into the tree so the only time I insert a string is when my interpreter reaches "2 3 4 " it interprets it as " ". I think this is the desired functionality but not entirely sure

Subject: Re: Amazing Testing Files
Posted by egturner2 on Tue, 28 Feb 2017 22:47:20 GMT

Also in the third test case you interpret " very BEST" as "very best" and "th@#at I @@ cou%@@ld " as "that i could" but I think you're supposed to keep leading and trailing whitespace so they would
I changed my program and re ran and got an updated out2.txt. However, I think that the spaces are not meant to be alone, or count as a single word, so there should be no whitespace before or after a phrase, nor should a word be a single whitespace character (but clarification from Lusth would be good). I also will add an additional test case with out4.txt and the associated files for testing this further, including a blank set of quotes "".

Update 3: Added rbt test cases which test every command except delete. After implementing delete, I will work to produce more boundary tests. Please suggest your own test cases too; I can run them and push them to the repo. And as always, please let me know of discrepancies between our output!!

Update 4: Added test case for deletion in rbt. Will add more boundary tests tomorrow. Feel at peace with have project mostly done 8o

Update 5: Added useful command suggestions for makefile to quickly display myOutput files and out files.
egturner2 wrote on Tue, 28 February 2017 16:38: For the second test case my output is:

```
0: =" "(" ")-
```

It says in the project description not to insert empty strings into the tree so the only time I insert a string is when my interpreter reaches "2 3 4 " it interprets it as " ". I think this is the desired functionality but not entirely sure

This is the desired result.

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Subject: Re: Amazing Testing Files
Posted by davidmccoy on Wed, 01 Mar 2017 17:05:25 GMT

Should whitespace before or after a phrase be completely removed or allowed 1 on both sides?

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Subject: Re: Amazing Testing Files
Posted by davidmccoy on Wed, 01 Mar 2017 17:16:36 GMT

Update 6: Ahead of pending response from Lusth, have updated out files to allow 1 whitespace character before or after phrase, and the phrase " ".

EDIT: Checked the specs, whitespace seems to be allowed, all contiguous whitespace is collapsed into a single character.

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Subject: Re: Amazing Testing Files
Posted by egturner2 on Fri, 03 Mar 2017 19:08:33 GMT

In revisiting the spec assign2 says to display "the minimum depth, which is the distance from the root to the closest node with a null child pointer". So the min depth doesn't necessarily have to be the depth of a leaf it could be the depth of a node with only one child? In this case, out4.txt should display a min depth of 2.

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Subject: Re: Amazing Testing Files
Posted by davidmccoy on Fri, 03 Mar 2017 20:05:59 GMT

In revisiting the spec assign2 says to display "the minimum depth, which is the distance from the root to the closest node with a null child pointer". So the min depth doesn't necessarily have to be the depth of a leaf it could be the depth of a node with only one child? In this case, out4.txt should display a min depth of 2.
egturner2 wrote on Fri, 03 March 2017 13:08

In revisiting the spec assign2 says to display "the minimum depth, which is the distance from the root to the closest node with a null child pointer". So the min depth doesn't necessarily have to be the depth of a leaf it could be the depth of a node with only one child? In this case, out4.txt should display a min depth of 2.

Correct. The "parent" of the null child may not be a leaf.

I will update my program and the testing files tomorrow. Legend of Zelda today tho.

Update 7: My minimum height function has been corrected. The only affected testing result was out4.txt.

Can you just edit your main post for each update instead of sending this+your other threads to the top of Unread Messages every day?

Can't edit a post once it's been replied to, unfortunately. Not trying to be spammy.
davidmccoy wrote on Mon, 06 March 2017 11:12
Can't edit a post once it's been replied to, unfortunately. Not trying to be spammy.

No worries, I didn't mean for that to come off as rude - appreciate your effort and I'll definitely be using your files to test my program out once it's done!

But you actually can edit a post that's been replied to. Replace XXXX in the URL below with your original post ID and it will let you.


That's really helpful actually, nice hacking skills :)

Important for anyone who used the test files: there is likely an error in interpreting whitespace characters still. For instance, consider "1 2 3 4". My code used to clean this up to " ", but really it should be three whitespaces in the quotes, not one, because the specs say that whitespace is collapsed, but not that whitespace with other invalid characters is collapsed to a single whitespace. I have fixed this, but will ask about it in the morning in class. Will re-reun, as well as include test files from Jake M. who supplied some extra cases (including a gigantic one of some Shakesphere text which initially broke my code!). The final test files tomorrow should successfully test most cases of all your bst/vbst/rbt functions, all the commands, and many interpreter cases (for instance, a phrase with newlines and tabs scattered throughout, which should collapse to whitespace).
Thought I would note that when you type 'depth', you have your D capitalized, which is different from the spec

EDIT: that seems to not be the case, I have lowercase for both. Make sure you have the updated files.

nice catch, will update

If the Shakespeare text is the file that I think it is, I believe it breaks code because there is an incredibly uneven amount of double quotes... sometimes there would be 4 or 5 double quote characters in a row... Here is a Shakespeare corpus where I took all of the double quotes out:

https://www.dropbox.com/s/7rc2fyay555hvxu/shakespeare.txt?dl=0

It works for me.

More info on this whitespace issue would be helpful. I read "1 2 3 4" as "", and was very anxious about having to figure out how to fix that until I saw you were considering changing yours. Also, my output for test 3 has "that i could" [two spaces between 'i' and 'could' //forum will not render this properly] vs "that i could"
Since Lusth said it didn't matter David and I both made it so that "1 2 3 4" would become " " (single space). If that is the only difference then you'll pass Lusth. I tried to remove all the cases like that from the testing files that I gave David. He must have overlooked one in his.

Subject: Re: Amazing Testing Files
Posted by lusth on Wed, 08 Mar 2017 19:07:52 GMT

I think the spec is unclear enough that either a string with one space or three spaces would be acceptable.

Subject: Re: Amazing Testing Files
Posted by jjlukas on Wed, 08 Mar 2017 19:48:29 GMT

In order to have a double quote inside of a string, must it be escaped: "hello\" How are you?" or is, "hello " How are you?" valid?

Subject: Re: Amazing Testing Files
Posted by georgecoli on Wed, 08 Mar 2017 22:48:19 GMT

It won't ever be in the string, it'll always be stripped even if it's inside quotes.