

Threadpool

Group 525:

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How to run code

1. Type to your command line:

```
...  
prompt> cd src  
prompt/src> make clean; make # build all code  
prompt/src> ~cs3214/bin/fjdriver.py  
...
```

What each file/folder is for:

- src
 - + Makefile = script for how to compile all files in src folder
 - + fib_test.c = calls all methods in threadpool.c and tests parallel fibonacci function
 - + list.c & list.h = generic doubly linked list
 - + mergesort.c = calls all methods in threadpool.c and tests parallel merge sort vs. serial(normal single threaded) merge sort
 - + psum_test.c = calls all methods in threadpool.c and tests parallel sum function
 - + quicksort.c = calls all methods in threadpool.c and tests parallel quick sort vs. serial(normal single threaded) quick sort
- + threadpool.c & threadpool.h = 2 structs and 5 functions to implement
- + threadpool_lib.c & threadpool_lib.h = helper functions for determining time it takes to run code & count current # of threads
- .gitignore = files to not add to remote repository
- README.txt = the file you are reading right now

How to inspect our commit logs:

I used Git for version control and Github.com to host our PRIVATE repository. To view our 100+ commit messages please follow the following instructions:

1. Go to www.github.com
2. Login with the following credentials that have been created for you:
 USERNAME = TA3214
 PASSWORD = ilovecomputersystems
3. After you login you will see under your repositories "quinnliu/threadPool". Click on that blue link.
4. Near the top you will see "100+ commits". If you click on that you will see our commit log.