

Programming Guide : Homework 4

This is a quick guide on how to do the stress test for your homework #4. You are supposed to implement a client program that takes command line argument that indicates the stress test and reads the input command from a test file.

1. Command line argument for stress test:

Your client program should take a command line argument that indicates the stress test. For example, the program can take '-s' option with a test file:

```
./test -h 10.0.2.12 -p 3010 -s test_commands.txt
```

2. Read commands from the given test file.

If the client program is in the stress test mode, the program takes commands or postings from the given test file. You can assume that the commands and postings in the test file are in the correct sequence. (i.e., postings never appear before the "TIMELINE" command)

3. Sample Stress Test

Following is the sample stress test. (Let's assume there are users(u1, u2, u3) who are already following current user)

```
FOLLOW u1
FOLLOW u2
FOLLOW u3
UNFOLLOW u1
LIST
TIMELINE
This is posting1
This is posting2
This is posting3
This is posting4
This is posting5
...
This is posting1000
```