

Attached is the test script for project 2.

To use:

Download test script

cd to the directory the test script was saved to

Run command: `chmod u+x ./testscript.pl`

To run the script use the command:

`./testscript.pl ./appserver [numThreads] [numAccounts] [seed]`

For example, a test with 10 threads, 1000 accounts, and a seed of 0 would be:

`./testscript.pl ./appserver 10 1000 0`

If the test fails, you should receive some message "ERR: <error message>" at the end of the script output.

The script will operate as follows:

Step 1: 1000000 is added to every account

Then the script waits to allow your server to process all these requests

Step 2: 300 random transactions occur (these are based off the seed value provided)

The script then waits to allow your server to process all the requests

Step 3: The balance of every account is checked, followed by an END command

The script then waits for your server to finish

Step 4: The script checks the output file (which is stored in testout-xxx, where xxx is some number)

and reports back if it finds any discrepancies.