

MP5 Analysis Report

Julian Tiu | CSCE 313-504 | 7 Dec. 2017

1. README – MUST READ

All compilation is done by the makefile. To compile, first type make in the command line and press enter. This will produce two executable files, namely client and dataserver. In the code submitted, the hostname for the client-side constructor of NetworkRequestChannel.C is set to localhost. Manually change this to the host name of the server that the client is trying to connect to. To run the server, run it in the desired machine and type `./dataserver -p # -b #` in the console. To run the client, run it in a different machine and type `./client -n # -b # -w # -p # -h` in the console. *MP4 is used as the base for MP5's addition.*

2. Report

Different machines produce different results without changing a single line of code. Because of this, it is difficult to pinpoint the source of the error, if there is any error at all; however, connection is established successfully. The most frequent result is that only one socket descriptor is being read, although every single socket descriptor is able to connect. With such results, it is difficult to come to any conclusion regarding the performance of the program.