

Coursework 2 Remote System Information Service User Guide

Client

The user accesses the client system by locating the client directory and typing “make”, followed by “./client” into the terminal command line.

The user will be presented with an error message if the client system fails to connect to the server. If this occurs, check that the server is online and try again.

Once the user is connected to the server, a menu will be displayed to the user. The following commands carry out the following functions:

- 0 – display the menu
- 1 – Get the student ID and IP address from the server
- 2 – Get the current server time
- 3 – Get the server uname information
- 4 – Get a list of files from the server’s upload directory
- 5 – Exit the client program

All of these options have been fully implemented into the client and server programs and they all work. The file copy enhancement has unfortunately not been implemented.

Server

To access the server program, the user must locate the server directory and type “make”, followed by “./server” into the terminal command line. Once this is done, the server will wait until a client connects. Multiple clients can be connected at the same time.

In order to display the total server execution time, and to shut the server down, the user must type “kill “, followed by the server PID into the terminal command line.