

ECS501u Router User Guide

Core task: Router without priorities

In order to run the program the user is expected to compile the sources and run the generated executable all from terminal. When launching the program the name of a .csv file should be provided. This is the input of the program. The precise steps are:

1. Open the terminal and navigate to the folder containing the .c, .h and .csv files
2. Run `make` to generate the executable
3. Run `./ecs501u <filename.csv>`

(example `./ecs501u inputQueues_packets.csv`)

To set definable length of input/output queues, main queue and max number of routers type `-D` after the input file

`./ecs501u inputQueues_packets.csv -D`

Optional task: priority packets

In order to run the program the user is expected to compile the sources and run the generated executable all from terminal. When launching the program the name of a .csv file should be provided. This is the input of the program. The precise steps are:

1. Open the terminal and navigate to the folder containing the .c, .h and .csv files
2. Run `make` to generate the executable
3. Run `./ecs501u <filename.csv> -P`

(example `./ecs501u inputQueues_packets.csv -P`)

To set definable length of input/output queues, main queue and max number of routers type `-D` after the input file

`./ecs501u inputQueues_packets.csv -P -D`