

HW2 – Supplementary Notes

Simulator

A simulator implementation has been posted to canvas. To try it out:

1. Download and unzip
2. Run the DummyServer.exe in the DummyServer/bin/Debug directory
3. Run the Simulator.exe in the Simulator/bin/Debug directory
4. Click on the Step 1 button to setup the simulation
5. Click on the Step 2 button to export the setup data (optional). The resulting files will be in the Simulator/bin/Debug directory.
6. Click on the Step 3 button to run the simulation.
7. You should see messages arriving in the Dummy Server

To examine the implementation, open the solution file in Visual Studio. (A Xaramin solution is coming.)

The implementation of the DummyServer shows how to receive messages with UDP.

Note that the implementation of the Simulation intentionally violates some design principles. We will be refactoring and improving the implementation of the server together in class.