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ECE 573 Project 1 Instructions

Environment Information
- OS: Windows 7, Mac Darwin 17.0.0
- Python: 2.7.12, 3.6.0

Included Python files:
- RS.py
- RFCclient.py
- RFCserver.py
- Peer1.py
- Peer2.py
- Peer3.py
- Peer4.py
- Peer5.py
- Peer6.py
- demo1.py
- demo2.py
- Plot.py

Included directories:
- rfcs10
- rfcs11
- rfcs
- rfcs1
- rfcs2
- rfcs3
- rfcs4
- rfcs5
- rfcs6
- Task_best_case (can be ignored)
- Task_worst_case (can be ignored)

Instructions

Necessary before using plot utility:
- In its own terminal, run “pip install matplotlib”

Perform the following instructions in a back-to-back fashion (e.g. run the first 7 commands within about 15s total to ensure peers are registered with RS before the data exchanging). Prior to any runs the RFC directories outlined above should be

initialized with the appropriate number of RFC documents. These directories should cleaned and reinitialized in between simulation runs.

1. In its own terminal, run “python Rs.py”
2. In its own terminal, run “python peer1.py”
3. In its own terminal, run “python peer2.py”
4. In its own terminal, run “python peer3.py”
5. In its own terminal, run “python peer4.py”
6. In its own terminal, run “python peer5.py”
7. In its own terminal, run “python peer6.py”
8. In its own terminal, run “python plot.py” => generates plot.png for viewing

The RS server and each peer server will continue to operate until the terminal is closed by the user. This will kill the peer.