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CSE 4340

Lab 2 Write-up

LIMITATIONS:

* Updates on server side do not propagate to clients side.
* Devices do not notify each other of changes.

INSTRUCTIONS:

1. To run the client program compile with command $javac WifiClient.java and run with command $java WifiClient
2. To run the server program compile with command $javac WifiServer.java and run with command $java WifiServer
3. Run the WifiClient file first, and then run the WifiServer file. Choose the desired device from the listed devices.
4. To send changes, change file on clients side and save the file.

ASSUMPTIONS:

* Using Fedora 28 or 27
* Full installation of BlueCove 2.1.1 and Java SE 8
* libbluetooth is version libbluetooth.so.3.18.16
* correct permissions of /var/run/spd
* Linked libbluetooth.so with libbluetooth.so.3
* If the status of Bluetooth is running with no errors and you have set the $CLASSPATH containing the paths of bluecove.jar, bluecove-gpl.jar, bluecove-bluez.jar, and to the path of current working directory of the files.