

(PDF) codelist.pdf: Provides the list of program files and/or scripts. Each line provides the name of one file and one sentence of description.

main.py/main.txt - This is the main driver code that will be use to run the code from traceroute.py

mongo.py/mongo.txt - This code is using the create the mongo client and also make updates to the mongoDB database.

traceroute.py/traceroute.txt - This code uses multithreading to run traceroute and ping IP addresses within the network range specified.

graph.py/graph.txt - Makes use of the NetworkX, Numpy, and matplotlib libraries to construct the network topology graph by querying data from our MongoDB database containing all the traceroute data.

generate_IPs.py - Writes each IP address to a json file