GeoWifiLocation: Software Steps

CropGeoWifiDB.py

- This script crops the wifi access points csv file to a certain given area

- Download the latest data base from: http://www.openwlanmap.org/db/db.tar.bz2

- Uncompress it and copy the db.csv where the script is. You can do this step in your local machine.

- Open the CropGeoWifiDB.py with a text editor of your choice and modify the cropping coordinates.

- Run the script using the command line: >>> *python CropGeoWifiDB.py*

- You should then get two new files: waps.csv and waps.db

CHIP GeoWifiLocation Software

- Copy waps.csv and waps.db to CHIP where the software is located.

- Run the command: >>> *sudo python gameplay.py*

- The software should start and will try to locate the geo-coordinates using wifi instead of GPS