App Demonstration: WiGeoLoc

Xintao Huan
Outline

- WiGeoLoc GUI
- Code
- Download
- ToDos
GUI

WiGeoLoc

GeoX: -53.6000  GeoY: -17.7000  GeoZ: 20.8000

XJTLU
XJTLU
ac: e:91:61:1f:0  -75
XJTLU
00:06:f8:b8:7f:80  -97
XJTLU
00:06:f8:b8:7c:10  -92
XJTLU
00:06:f8:e5:32:30

Total
131 APs

Building: EE/IR
LocationX: x.x dm
Floor: 1/2/3
Location: y.y dm

GEO_SCAN  GEO_STOP

WIFI_SCAN  WIFI_FILTER

AUTO_SCAN

UPLOAD
Code
ToDos

- Extend the data collection method as you prefer
  - Collect List<WIFItem> and List<Geoltem> in time period (e.g. 60s).

- Test & improve the background data uploader with server
  - Based on the data format/content you required, modify the data uploader.

- Result exhibition
  - Cooperate with the RESTful server or MQTT server you preferred.
  - Notification or update UI
Question?