Bluetooth Research Prerequisites

# Kali Raspberry Pi

## Tools and libraries required:

1. Ubertooth – (libbtbb and ubertooth tools)
2. bluez (bluez; bluez-tools; Bluetooth; bluez-firmware; rfkill)

## Ubertooth (adapted from Great Scott Gadgets Ubertooth Build Guide found https://github.com/greatscottgadgets/ubertooth/wiki/Build-Guide):

1. Install prerequisities:

#install cmake libusb-1.0-0-dev make gcc g++ libbluetooth-dev pkg-config libpcap-dev python-numpy python-pyside python-qt4

2. Install the Bluetooth baseband library (libbtbb) to allow the Ubertooth tools to decode Bluetooth packets:

#wget https://github.com/greatscottgadgets/libbtbb/archive/2015-10-R1.tar.gz -O libbtbb-2015-10-R1.tar.gz

#tar xf libbtbb-2015-10-R1.tar.gz

#cd libbtbb-2015-10-R1

#mkdir build

#cd build

#cmake ..

#make

#make install

3. Install the Ubertooth tools which include the cabaility to sniff Bluetooth packets, configure the Ubertooth, and update firmware:

#wget #https://github.com/greatscottgadgets/ubertooth/releases/download/2015-10-R1/ubertooth-2015-10-R1.tar.xz -O ubertooth-2015-10-R1.tar.xz

#tar xf ubertooth-2015-10-R1.tar.xz

#cd ubertooth-2015-10-R1/host

#mkdir build

#cd build

#cmake ..

#make

#make install

## bluez:

1. Install required software packages

#apt install bluetooth bluez bluez-tools rfkill

#apt install bluez-firmware