Ubertooth

The Ubertooth One is an Open Hardware & Source project, that aims experimenting and learning about the Bluetooth technology.

Hardware

Software

We tested the Ubertooth software successfully on the following operating systems:

- Arch Linux (AUR package inc. all software & dependencies)
- Mac OS Lion

Arch Linux

For those of you, installing packages with the help of yaourt from the AUR, simply search for *ubertooth*. Everyone else needs to install it manually.

<sxh; title:libbtbb; bash> curl -o libbtbb-2012-10-R1.tar.xz http://sourceforge.net/projects/libbtbb/files/libbtbb-2012-10-R1.tar.xz/download tar xfv libbtbb-2012-10-R1.tar.xz cd libbtbb-2012-10-R1 make sudo make install </sxh> <sxh; title: ubertooth; bash> curl -o ubertooth-2012-10-R1.tar.xz http://sourceforge.net/projects/ubertooth/files/ubertooth-2012-10-R1.tar.xz/download tar xfv ubertooth-2012-10-R1.tar.xz cd ubertooth-2012-10-R1/host make sudo make install </sxh>

http://ur1.ca/c3meh –> libbtbb-2012-10-R1.tar.xz

http://ur1.ca/c3mbo –> ubertooth-2012-10-R1.tar.xz

Mac OS (Mountain Lion)

The original guide of setup can be found here.

Prerequisites

First you need to install MacPorts, then start off with the necessary python libraries for ubertooth-*.

<sxh; bash> sudo port install libusb wget py26-pyside-tools py26-pyusb-devel py26-numpy </sxh>

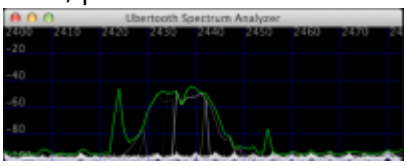
PyUSB is also available in the repositories of MacPorts, still we installed it manually as described in the official guide.

<sxh; bash> curl -o pyusb-1.0.0a2.tar.gz http://sourceforge.net/projects/pyusb/files/PyUSB%201.0/1.0.0-alpha-2/pyusb-1.0.0a2.tar.gz/download tar xfv pyusb-1.0.0a2.tar.gz cd pyusb-1.0.0a2 sudo python setup.py install </sxh>

<sxh; bash> curl -o libbtbb-2012-10-R1.tar.xz http://sourceforge.net/projects/libbtbb/files/libbtbb-2012-10-R1.tar.xz/download tar xfv libbtbb-2012-10-R1.tar.xz cd libbtbb-2012-10-R1 make osx sudo make osx-install </sxh>

ubertooth-*

If you follow the official guide like described below, everything will be installed system-wide and work fine. Although, the ubertooth-specan-ui will be missing. To install that as well, please follow the commands, below the next paragraph.



<sxh; title:ubertooth-* ;bash> curl -o ubertooth-2012-10-R1.tar.xz http://sourceforge.net/projects/ubertooth/files/ubertooth-2012-10-R1.tar.xz/download tar xfv ubertooth-2012-10-R1.tar.xz cd ubertooth-2012-10-R1/host/bluetooth_rxtx make sudo make osx-install </sxh>

Update will follow soon

<sxh; title:ubertooth-specan-ui ;bash> cd ubertooth-2012-10-R1/host/specan_ui/ sudo python ./setup.py install python2.6 ubertooth-specan-ui </sxh>

Experiments

Basics

Getting to know Ubertooth was the first goal to attend. You first need a basic understanding of the Bluetooth protocol and operating to understand what's going on in this magical world.

References

- pyubertooth
- Yobi Wiki

From:
https://wiki.c3l.lu/ - **Chaos Computer Club Lëtzebuerg**

Permanent link:
https://wiki.c3l.lu/doku.php?id=projects:security:bluebreak:ubertooth

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