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Introduction to Piratebox

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# Welcome

Agenda:

- Who and Why? Definition-What?
- Hardware Presentation and alternative setups.
- Installation method.
- Inception-Who and Why?
- Alternative technologies and Comparison
- Forks
- Demo

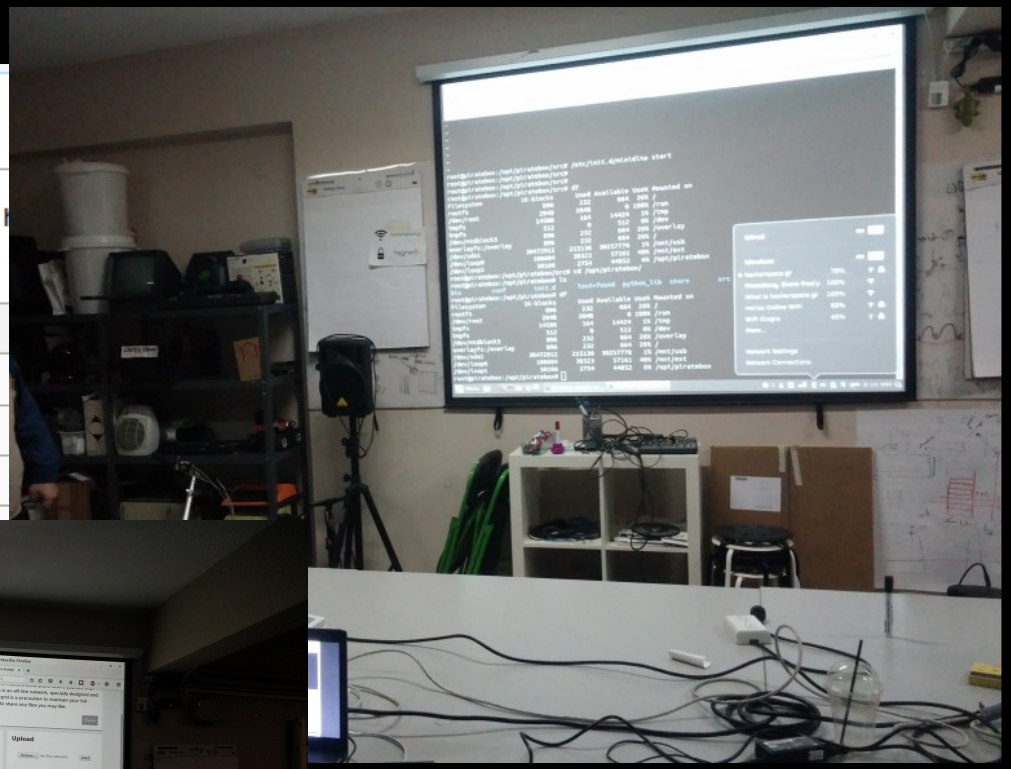
# Why?

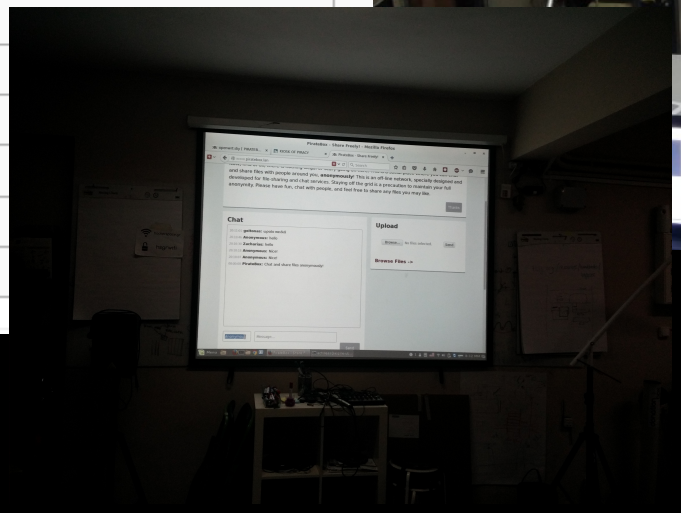
Participated in couple of cryptoparties @ Hackerspace premises and I wanted to contribute. So I checked:
**https://www.hackerspace.gr/wiki/Wishlist**

## Wishlist

A list of things wanted, needed, desired, seeked for or nice to

| Item | Unit/Total cost |
|---|---|
| Video Projector | |
| Signal Generator | |
| Headband Magnifier | |
| logic analyzer | |
| lathe | |
| Wireless Deaddrop | |
| emergency light | |
| Roomba | |
| Vinyl Cutter Plotter | |





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# Influence

‘Dead Drops’ is an anonymous, offline, peer to peer file-sharing network in public space. USB flash drives are embedded into walls, buildings and curbs accessible to anybody in public space. Everyone is invited to drop or find files on a dead drop. Plug your laptop to a wall, house or pole to share your favorite files and data.

https://deaddrops.com

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## What is Piratebox?

PirateBox is a Do It Yourself  anonymous offline file-sharing and communications system built with free software and inexpensive off-the-shelf hardware.

In other words, a wireless (deaddrop) file server not hooked into the Internet.

## What Piratebox isn't?

It has nothing to do with piracy (digital or not), it doesn't endorse piracy, it is a tech platform for file distribution like Bittorrent.

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David Darts

Matthias Strubel

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# Setup Options

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+

+

OR

OR

+

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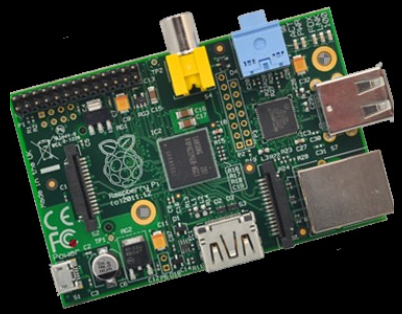

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Kingston Datatraveler SE9

TP-LINK MR 3020

Compatible Models:
mr10u mr11u mr11u-v2 mr13u mr3040 mr3040-v2 mr3420
mr3420-v2 wdr4300 wr703n wr710n wr842n wr842n-v2 wr1043nd
wr1043nd-v2 wr2543 gl-inet

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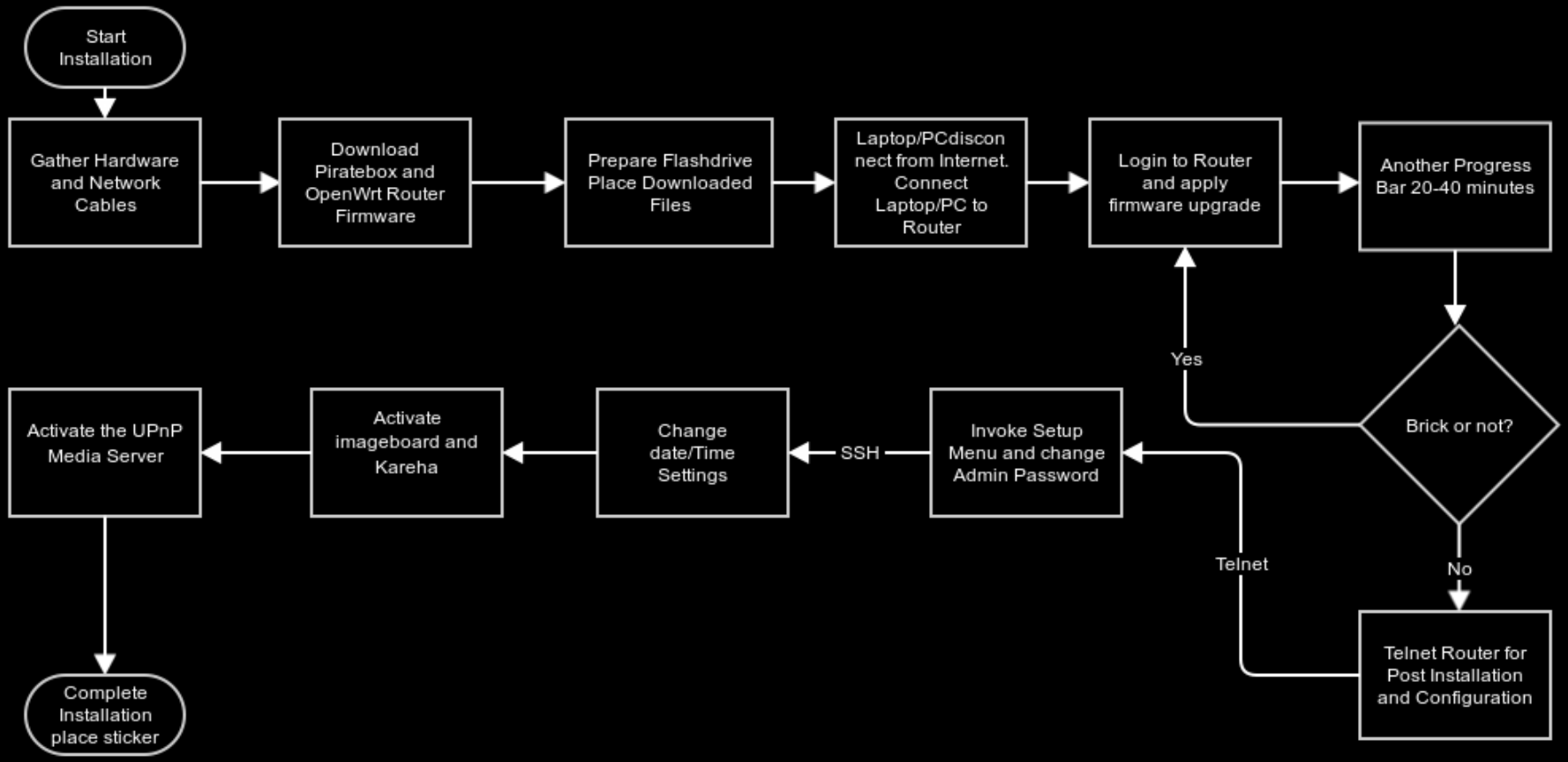


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# Comparison

| | Pirate Box | USB Deaddrops | IRC DCC | BBS | Anonymous FTP | Hyperterminal |
|---|---|---|---|---|---|---|
| Authentication | - | - | + | + | - | + |
| Authorization | - | - | + | + | + | + |
| Anonymity | + | - | Endpoint yes/ISP no | - | - | - |
| Security | + | - | + | + | - | + |
| Assurance | - | - | - | + | - | + |
| Safety | + | - | - | - | - | + |
| | **Bittorrent** | **Dropbox/Box/Gdrive/onedrive** | **Teamviewer** | **FBft** | **LogmeIn/Hamachi** | **Filehosts Easybytez etc.** |
| Authentication | - | + | + | + | + | Uploader yes, download no |
| Authorization | - | + | + | + | + | - |
| Anonymity | - | - | - | - | - | - |
| Security | - | + | + | - | + | - |
| Assurance | - | + | + | - | + | - |
| Safety | - | - | - | - | - | - |

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# Usage

KIOSK OF PIRACY
Internet

The Pirate Bay

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# CryptoParty

- Share Installation-Files
- Documents
- And your public key

# Forks

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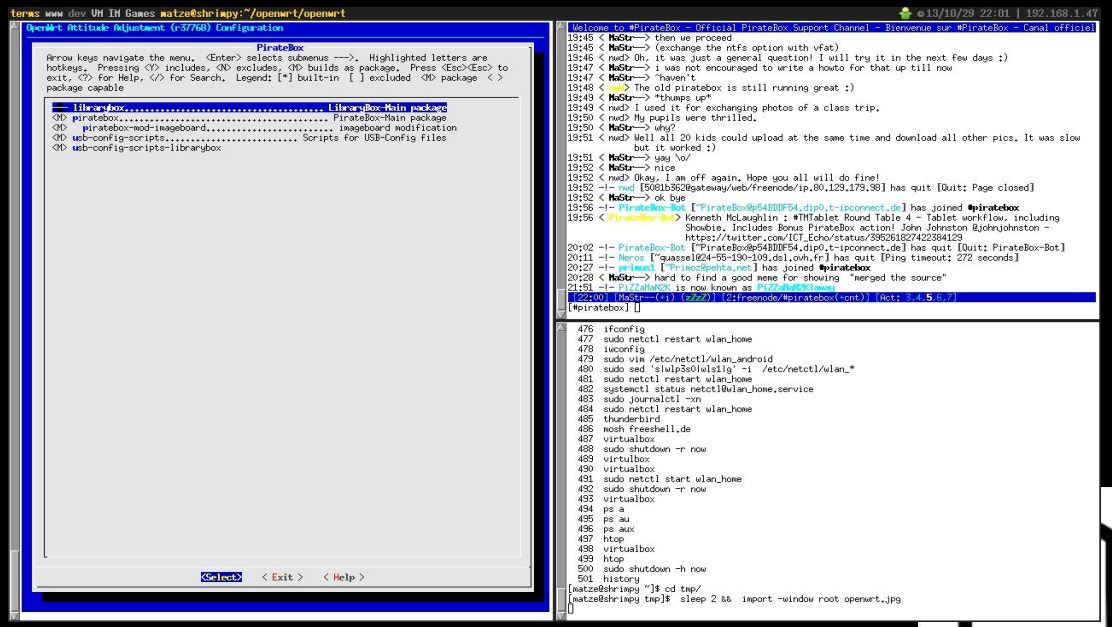
# OpenWrt

## Wireless Freedom

OpenWrt is a highly extensible GNU/Linux distribution for embedded devices (typically wireless routers). Unlike many other distributions for these routers, OpenWrt is built from the ground up to be a full-featured, easily modifiable operating system for your router. In practice, this means that you can have all the features you need with none of the bloat, powered by a Linux kernel that's more recent than most other distributions.

- Free Open source
- Easy and Free Access
- Community driven

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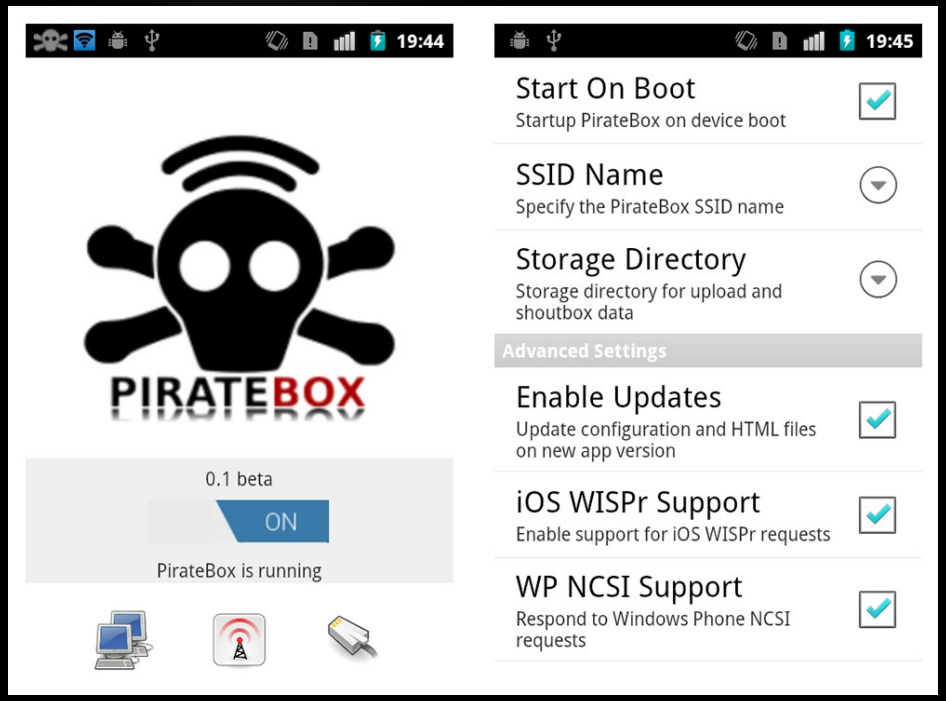
# Android version




- Same UI
- Same core functions
- But different codebase
- Needs a rooted phone

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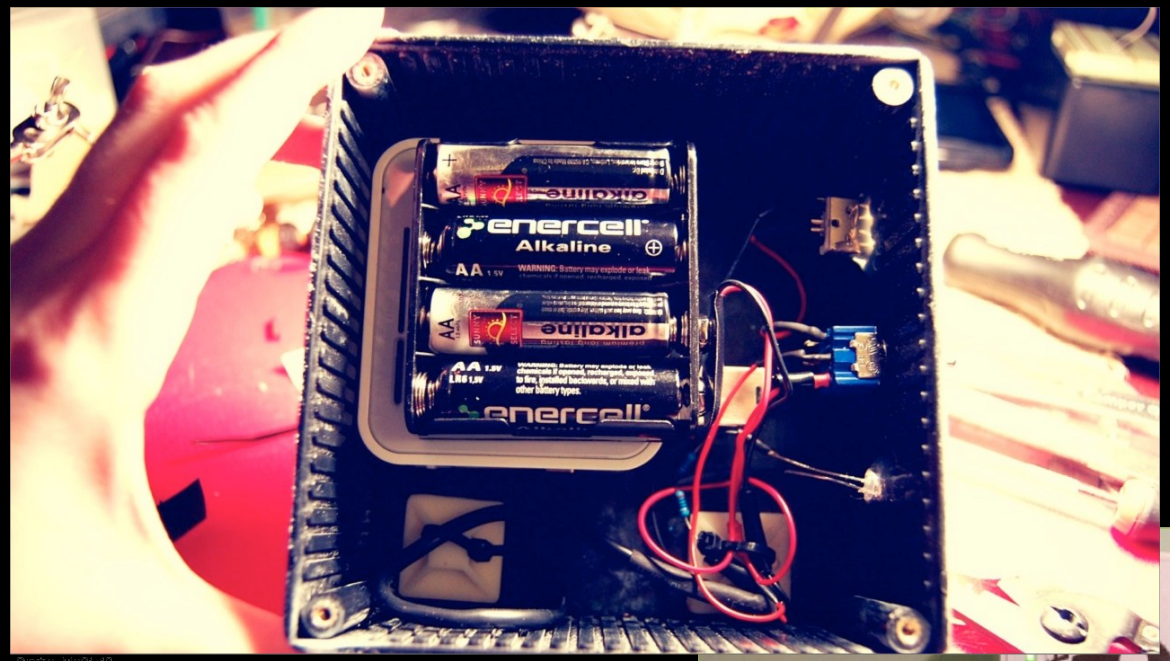
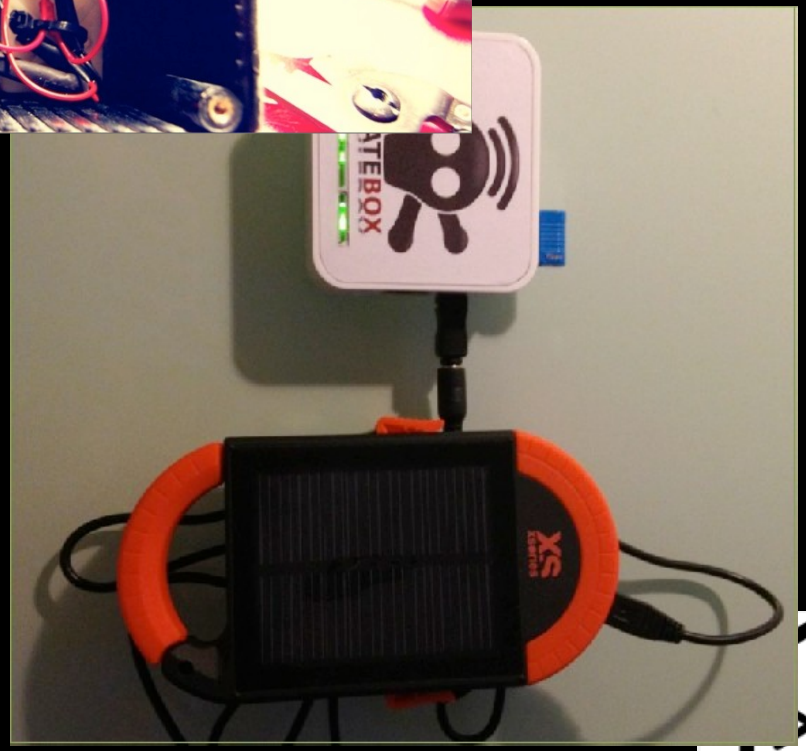
# Power



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# Back To Installation