# WarXing

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|---|---|
| **Project** | WarXing |
| **Description** | |
| **Status** | Running |
| **Contact** | prometheus |
| **Participants:** | |

WarXing is the hypernym for every activity that is related to war<*put_in_verb_or_noun*>ing.

## Wardriving

Invalid Link
Laptop, Antenna, GPS - A hackers way to pwn some WiFi

"Wardriving is the act of searching for Wi-Fi wireless networks by a person in a moving vehicle, using a portable computer, smartphone or personal digital assistant (PDA)." ( Source: Wikipedia - Wardriving )

## Warchalking

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Common Warchalking signs

"Warchalking is the drawing of symbols in public places to advertise an open Wi-Fi wireless network. Inspired by hobo symbols, the warchalking marks were conceived by a group of friends in June 2002 and publicised by > Matt Jones who designed the set of icons and produced a downloadable document containing them." ( Source: Wikipedia: Warchalking )

## More informations

We did a radio show about the WarXing culture. Tune in :)

# Software



Our 20dBi antenna in action! No, that's not a rocket launcher.

- kismet
- giskismet
- aircrack-ng
- pykismetkml - A Python program for plotting Kismet logs on Google Earth

# Hardware

## Antennas

- Alfa AWUS036NEH +- 20€
- ALFA 9dBi 2,4GHz WLAN RP-SMA-Hochleistungsantenne +- 6€
- Alfa 20dBi 2.4GHz - 2.5GHz high-Gain Yagi Antenne +- 99€

## GPS

All listed navigation devices work with gpsd.

To visualize your tracks quick and online: http://www.gpsvisualizer.com/

What to do when an Access Point shows up several times, but with slightly different positioning coordinates? –> Coordinates average?

### Plug & Play

- NaviLock 402-U +- 45€



look for */dev/gps0*

### Garmin Oregon 450

Garming Oregon 450 +- 220€

<sxh bash;> ~:$ modprobe garmin_gps ~:$ ls /dev | grep ttyUSB0 ttyUSB0 # this should be your device, 0 can differ </sxh>

Connect the device to your computer and choose "No", if being asked to use the Oregon as a mass storage device.

Here's our WifiSec bash startup script:

<sxh bash;> #!/usr/bin/bash

# modprobe first modprobe garmin_gps pid=`pidof gpsd` kill -9 $pid # kill gpsd because fuck you gpsd /dev/ttyUSB0 # restart kismet -f /etc/kismet/wifisec.conf # run kismet with wifisec config </sxh>

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