

SOFTWARE

FRITZ BOX RECYCLED

24.12.2014

I needed to patch an unused Fritz Box with a DHCP and name server for [a new project](#). Running these services [from a network server](#) wasn't really stable.

The [freetz websites](#) has all the details for the patch while I can confirm that freetz version 2.0 can power a 10 year old 1und1 branded Fritz Box SL WLAN (also known as 3020 type) running firmware 09.04.34.

Freetz - Status freetz-2.0-12826

FRITZ!Box SL WLAN (UI)

Firmware: 09.04.34 rev7804 Branding: 1und1
Freetz: 2.0-12826 Uptime: 53 min

Physikalischer Speicher (RAM)

9364 kB (+ 3524 kB Cache) von 14124 kB belegt, 1236 kB frei

66% 24% 10%

Flash-Speicher (TFFS) für Konfigurationsdaten

21 kB von 128 kB belegt, 107 kB frei

17% 83%

Status

- Dienste
- Box-Info
- Freetz-Info
- Logdateien
- System
- Freetz
- AVM-Dienste
- Dnsmasq
- Syslogd

01.01.2000 01:53 - up 53 min - optimiert für Mozilla Firefox

I compiled everything under [Ubuntu/Luna](#) using the terminal

```
#!/bin/bash
cat /etc/issue
uname -m
# update system
sudo apt-get -y update
sudo apt-get -y upgrade
sudo apt-get -y dist-upgrade
sudo apt-get -y install imagemagick subversion gcc g++ bzip2 binutils
automake patch autoconf libtool pkg-config make libncurses5-dev
zlib1g-dev flex bison patch texinfo tofrodos gettext pkg-config ecj
fastjar realpath perl libstring-crc32-perl ruby ruby1.8 gawk python
libusb-dev unzip intltool libglib2.0-dev xz-utils git-core libacl1-dev
libattr1-dev libcap-dev
# do NOT run the following as root
cd /HOME/wjst/Desktop
umask 022
svn checkout http://svn.freetz.org/branches/freetz-stable-2.0
cd freetz-2,.0
make menuconfig
make
```

The new image may then be uploaded using the standard AVM webinterface at <http://fritz.box> . The AVM DHCP needs to be switched off. Freetz can be reached at <http://fritz.box:81> where also the dnsmasq hosts file can be programmed to reach my server at a permanent IP address.