SOFTWARE

FRITZ BOX RECYCLED

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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.

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 webinterfaceat http-p://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 pro-grammed to reach my server at a permanent IP address.