



Back to original firmware

There is little point in merely *uninstalling* OpenWrt, what you actually want to do, is to *replace* OpenWrt with the original firmware. You are probably here because the wiki-page for your device does not help you with that. So, first have a look at the [flash.layout](#).

To replace OpenWrt with the original firmware, you *most probably* do not have to change the boot partition, or the partition containing specific information like NVRAM or ART, even if you overwrote the bootloader when you installed OpenWrt on your device.

via OpenWrt CLI

You can use the program `mt` for this:

```
cd /tmp
wget http://www.example.org/original_firmware.bin
mt -r write /tmp/original_firmware.bin firmware
```

If you want to remove DD-WRT, you should write to the device "linux" instead of "firmware". (Tested on TP-Link TL-WR841ND V7):

```
mt -r write /tmp/original_firmware.bin linux
```

OpenWrt has no built-in "pleasantries" to prevent you from going back to original firmware. But sometimes you need to be careful, see e.g. [Back to original firmware](#).

If you get a error message on the above `mt` command like "no valid command given" you are using an old version of `mt` which doesn't support the `-r` or `-e` parameters.

Download a newer statically compiled version

```
cd /tmp
wget http://www.freewrt.org/downloads/tools/mt-static
chmod a+x mt.static
wget http://www.example.org/original.trx
./mt.static -e linux -r write original.trx linux
```

TIP: PLEASE READ - Common mistakes [<http://forum.openwrt.org/viewtopic.php?id=3474>] thread section 2 also. It describes when you should use the `openwrt-brcm-2.4-squashfs.trx` image.

Only flash a `trx`, never flash a `bin` file?

If you only have a Linksys `.bin` firmware file, this is not a problem, simply cut off 32 bytes of the header by using the commands below:

```
dd bs=32 skip=1 if=original.bin of=original.trx
```

See also [image.conversion](#) for more info about `.bin` to `.trx`.

TIP: If your replacement firmware has a web interface, remember to flush your browser cache, sessions etc. This will avoid misleading 404 errors.

via OpenWrt WebUI

via Bootloader

To flash the original firmware back again via the bootloader, please follow the procedures already described in [Installing OpenWrt](#). They are basically the same.

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