

# Building evdi

The procedure below is mainly based on [this](#) description:<sup>1)</sup>

1. install the following packages: `linux-source`, `linux-headers-generic`, `libssl-dev`, `libdrm-dev`
2. backup original files `/lib/modules/$(uname -r)/updates/dkms/evdi.ko` and `/opt/displaylink/libevdi.so`
3. download `evdi` source code from [GitHub](#)
4. change the sources as you want (i increased define `MAX_DIRTS` to 64)
5. goto sub-directory `module` and execute

```
make -C /lib/modules/$(uname -r)/build M=$(pwd) modules
```

6. goto sub-directory `library` and execute

```
make
```

7. finally replace `evdi.ko` and `libevdi.so` in your filesystem or install it

```
sudo make -n -C /lib/modules/$(uname -r)/build INSTALL_MOD_DIR=updates  
M=$(pwd) modules_install
```

<sup>1)</sup>

See also Linux kernel documentation on topic [Building External Modules](#).

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Last update: **2017/12/09 17:33**

