

Android on firefly

[reference](#)

checkout

http://wiki.t-firefly.com/index.php/Firefly-RK3288/Build_android/en

or

```
git clone -b firefly/master http://git.nl.linux-rockchip.org/rk3288_r-box_android4.4.2_sdk.git
```

update source

```
git pull bitbucket master:master
```

compile

kernel

```
cd kernel
```

First time

```
cp arch/arm/configs/firefly-rk3288_defconfig arch/arm/configs/firefly-galileo_defconfig
make firefly-galileo_defconfig
```

```
make menuconfig
cp .config arch/arm/configs/firefly-galileo_defconfig
make -j4 firefly-rk3288.img
```

Overlaies

- Device Drivers
 - HID support > Special HID drivers > HID Multitouch panels and select it as an embedded driver (*)
 - Input device support
 - Touchscreens > USB touch screen Driver → Generaltouch

android

```
make -j4  
./mkimage.sh
```

flash

```
B=rockdev/Image-rk3288  
sudo upgrade_tool di -b ${B}/boot.img  
sudo upgrade_tool di -k ${B}/kernel.img  
sudo upgrade_tool di -s ${B}/system.img  
sudo upgrade_tool di -r ${B}/recovery.img  
sudo upgrade_tool di -m ${B}/misc.img  
sudo upgrade_tool di -p parameter # flash parameter  
sudo upgrade_tool ul bootloader.bin # flash bootloader
```

in case of problems format low level flash

```
sudo upgrade_tool lf
```

From:

<https://wiki.csgalileo.org/> - Galileo Labs

Permanent link:

<https://wiki.csgalileo.org/projects/zibaldone/android/firefly?rev=1633680158>

Last update: **2021/10/08 10:02**

