

```
sudo apt update
sudo apt install android-tools-adb
adb version
```

adb devices

```
* daemon not running; starting now at tcp:5037
* daemon started successfully
List of devices attached
23190523020247 no permissions (missing udev rules? user is in the plugdev group); see [http://developer.android.com/tools/devi
e.html]
```

```
sudo usermod -aG plugdev $USER
sudo nano /etc/udev/rules.d/51-android.rules
```

Lsusb

```
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub
Bus 001 Device 003: ID 04ca:7058 Lite-On Technology Corp. Integrated Camera
Bus 001 Device 004: ID 138a:0017 Validity Sensors, Inc. VFS 5011 fingerprint sensor
Bus 001 Device 016: ID 05e0:2106 Symbol Technologies SDM660-QRD _SN:4E3DBDE1
Bus 002 Device 001: ID 1d6b:0003 Linux Foundation 3.0 root hub
```

```
SUBSYSTEM=="usb", ATTR{idVendor}=="05e0", ATTR{idProduct}=="2106" MODE="0666",
GROUP="plugdev" // add this in android.rules and save
```

```
sudo udevadm control --reload-rules
```

```
sudo service udev restart
```

```
adb kill-server
adb start-server
```

```
sudo chmod 666 /dev/bus/usb/001/017
```

```
adb kill-server
adb start-server
```

adb devices