

To fix the adb permission issue on Arch Linux:

1. **Install lsusb:**

```
sudo pacman -S usbutils
```

2. **Find Vendor ID:** Connect your Android device and run:

```
lsusb
```

Look for your device in the output (e.g., ID 18d1:4ee7 where 18d1 is the Vendor ID).

3. **Create udev Rules:**

```
sudo nano /etc/udev/rules.d/51-android.rules
```

Add:

```
SUBSYSTEM=="usb", ATTR{idVendor}=="18d1", MODE="0666", GROUP="plugdev"
```

Replace 18d1 with your Vendor ID.

4. **Reload Rules:**

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

5. **Add User to plugdev:** If plugdev doesn't exist:

```
sudo groupadd plugdev
```

Then add your user:

```
sudo usermod -aG plugdev $USER
```

6. **Log out/in and Test ADB:** Reconnect your device and run:

```
adb devices
```

No more sudo needed!