

Activating OTG Mode

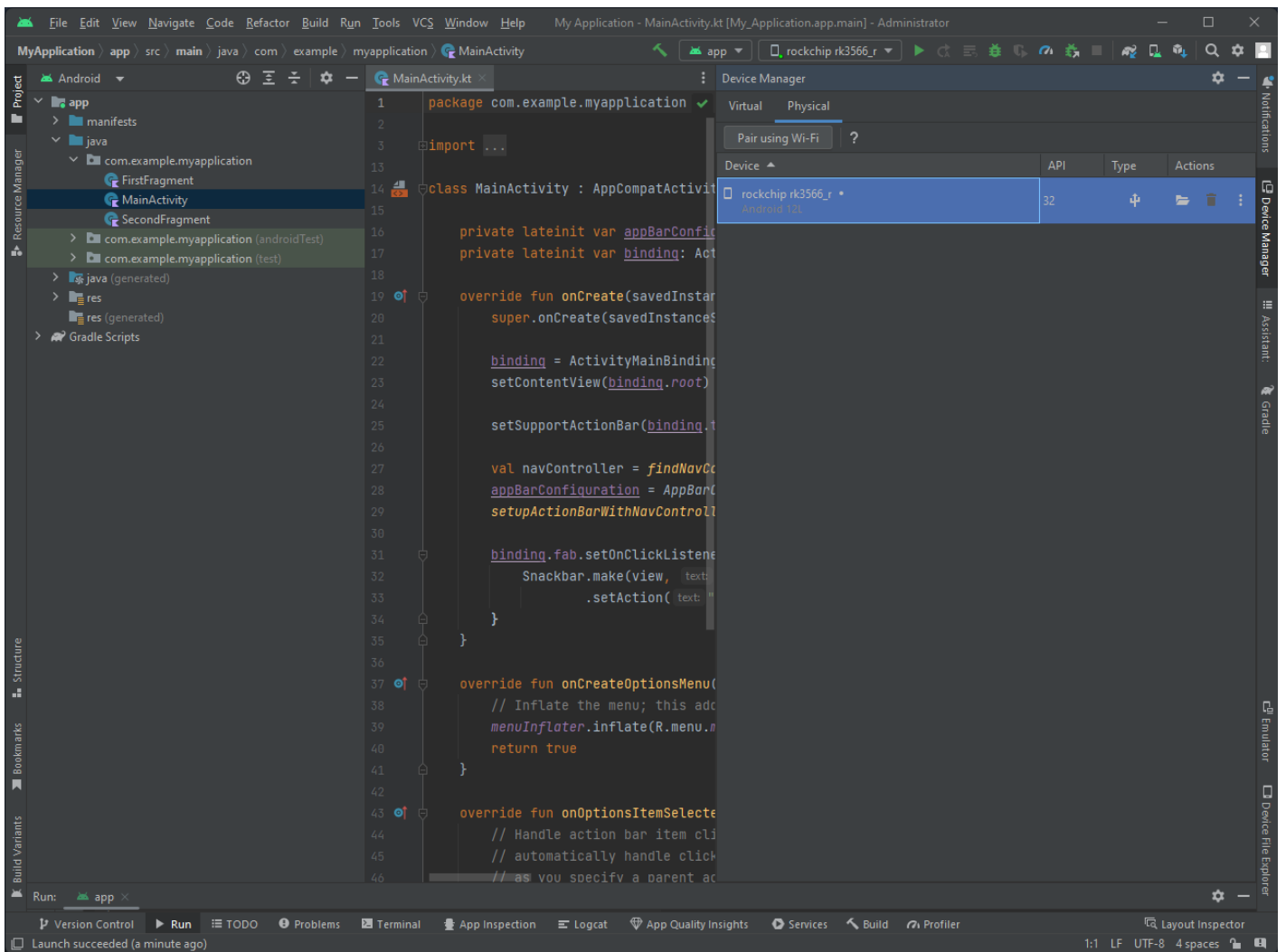
By default, URVEPi operates all four USB ports in host mode. To switch the top-middle port to OTG mode and connect your PC to it using a USB-A cable, you need to do it manually. This means that you won't be able to transfer files from your USB-C connected PC, as this port only works as a power source and acts as an RS232 emulator.

To change this behavior and force the device into OTG mode, you need to enter the following command as a superuser:

```
su
echo peripheral > /sys/devices/platform/fe8a0000.usb2-phy/otg_mode
```



Once in OTG mode, you need to set **"File Transfer" or "USB Tethering"** in **"Settings" / "Developer options" / "Default USB Configuration"** and you can use ADB software to connect to your URVEPi. If you using Android Studio you should see URVEPi as "rockchip rk3566_r" device.



To switch back to the default mode, simply enter the following command as a superuser:

```
su
echo host > /sys/devices/platform/fe8a0000.usb2-phy/otg_mode
```

With these simple commands, you can easily control the behavior of your URVEPi's OTG mode to suit your needs.

Revision #3

Created 29 March 2023 20:11:02 by Import

Updated 7 April 2023 06:34:05 by Import