SRT Software Installation Dependencies

> **Note: This is rough documentation of SRT dependencies.**

CentOS 7

Install and configure CentOS 7 as per your institutional standards.

Install dependencies

```
[root@localhost ~]# yum update
[root@localhost ~]# yum install gtk2 gtk2-devel libusb* fftw* xorg-x11-fonts-* ghostscript
```

Blacklist kernel modules

```
[root@localhost ~]# nano /etc/modprobe.d/blacklist.conf
```

Add the following:

```
#ozone blacklisting for the rtl-sdr
blacklist dvb_core
blacklist dvb_usb_rtl28xxu
blacklist rtl2832
blacklist rc_core
blacklist mei
blacklist mei_me
```

Adjust udev rules

```
[root@localhost ~]# wget https://github.com/steve-m/librtlsdr/raw/master/rtl-sdr.rules
[root@localhost ~]# cp rtl-sdr.rules /etc/udev/rules.d/
[root@localhost ~]# udevadm control --reload
[root@localhost ~]# udevadm control --reload-rules
```

Add your user to the dialout group for serial port access

[root@localhost ~]# usermod -a -G dialout username

Reboot

Reboot is required.

Ubuntu 16.04 LTS

Install and configure Ubuntu 16.04 LTS as per your institutional standards.

Install dependencies

```
[root@localhost ~]# apt-get update
[root@localhost ~]# apt-get install libgtk2* libusb-1* libfftw3* xfonts-*dpi* ghostscript packagekit-gtk3-module gv
```

Blacklist kernel modules

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Reboot

Reboot is required.

[notes and tips, software]