Free-flow USB Mouse Single-monitor Driver Install Instructions for Rocky Linux

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Overview

Two Rocky distributions have been tested, one indicating V4.2.39 and another showing V6.0.42. Both indicate V4.2 in X11 and both have kernel version 2.6.32.41.

As such, the drivers can be supplied pre-built and should work as long as the kernel version hasn't changed.

Instructions

Installation is simply the copying of the freeflow_drv X11 driver module to modules directory and the updating of the xorg.conf file to specify the Free-Flow mouse.

Change directory to the rocky directory and then:

```
cp freeflow_drv.* /usr/lib64/xorg/modules/input
```

If you want a default xorg.conf file (as per a freshly installed rocky but with Free-Flow added), then copy that from the rocky directory:

```
mv /etc/X11/xorg.conf /etc/X11/xorg.conf.prefreeflow
cp xorg.conf.freeflow /etc/X11/xorg.conf
```

If you don't want to replace your xorg.conf, please copy the InputDevice line from the xorg.conf.freeflow file into the ServerLayout section:

```
        InputDevice  "Free-Flow" "SendCoreEvents"
```

and then add the Input Device section:

```
Section "InputDevice"
        Identifier   "Free-Flow"
        Driver       "freeflow"
        Option       "Device" "/dev/input/event4"
        Option       "DebugLevel" "1"
        Option       "Screen1" "0 0 1920 1080"
EndSection
```

Note that you may need to adjust the event# and the screen co-ordinates according to your system. To find the event number, you can use:

```
cat /dev/input/event<n>
```

where <n> is 0, 1, 2 etc. and then move the Free-Flow mouse. When you have the right event number, you should see plenty of odd characters displayed on the terminal.

You will then need to reboot (or at least restart X).

The Free-Flow mouse should now be working for a single-monitor system.

If you need to rebuild the driver, please refer to the build section in the old-linux-driver.