

# USB Setup

To cause USB devices to show up as a special name (i.e. `/dev/sensor_microcontroller` instead of `/dev/ttyUSB0`), we need to modify our UDEV rules.

First, open up

```
/etc/udev/rules.d/50-usb.rules
```

Then add a line for the USB device, such as

```
SUBSYSTEM=="tty", ATTRS{idVendor}=="2a03", ATTRS{idProduct}=="0043",  
ATTRS{idSerial}=="41, SYMLINK+="sensor_arduino"
```

To properly identify the vendor ID, product ID, and serial number, you should run

```
udevadm monitor --attribute-walk [port]
```

From:

<https://robosub-vm.eecs.wsu.edu/wiki/> - **Palouse RoboSub Technical Documentation**

Permanent link:

<https://robosub-vm.eecs.wsu.edu/wiki/cs/udev/start>



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