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.eecs.wsu.edu/wiki/ - Palouse RoboSub Technical Documentation](https://robosub.eecs.wsu.edu/wiki/)

Permanent link: [https://robosub.eecs.wsu.edu/wiki/cs/udev/start](https://robosub.eecs.wsu.edu/wiki/cs/udev/start)

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