FTDI Symlinking Instructions

1. Open a terminal and run:

```
udevadm info -a -n /dev/ttyUSB1 | grep '{idProduct}' | head -n1
udevadm info -a -n /dev/ttyUSB1 | grep '{idVendor}' | head -n1
udevadm info -a -n /dev/ttyUSB1 | grep '{serial}' | head -n1
```

2. Take note of those 3 outputs. Then run:

```
cd /etc/udev/rules.d
ls
```

3. If 99-usb-serial.rules exists, skip the first command below, otherwise enter:

```
sudo touch 99-usb-serial.rules
sudo gedit 99-usb-serial.rules
```

Note: Replace 'gedit' with your preferred text editor.

4. In the editor window, add the following:

```
SUBSYSTEM=="tty", ATTRS{idVendor}=="xxx", ATTRS{idProduct}=="yyy", ATTRS{serial}=="zzz",
SYMLINK+="my_device"
```

Where "xxx", "yyy", and "zzz", respectively are the idProduct, idVendor, and serial values you obtained earlier and "my_devce" is your desired symbolic device name.

5. Lastly, go back to your project's platformio.ini file and change the **upload_port** value to reflect your device's new symbolic name. Now whenever you plug in that device, you won't have to change PlatformIO's upload_port.

6. To add multiple devices simply follow steps 1-5 for each USBtty port.

Ref: http://hintshop.ludvig.co.nz/show/persistent-names-usb-serial-devices/