

Changing udev rules

(/dev/xbee and other kinds of voodoo)

The default /dev/ttyUSB(n)-slots are allocated dynamically on system startup and thus become unfit for hard-coded WiringPI device names. The xBee module now instead makes its openport calls to /dev/xbee, which will not work on future Raspberries unless udev settings in Arch are made to account for this.

These are the steps to create a symbolic link to /dev/xbee:

* Open/create the file **/etc/udev/rules.d/rules.rules** (yes, the file-extension is .files)

* Enter the following:

```
SUBSYSTEM=="tty", ATTRS{idVendor}==0403,  
ATTRS{idProduct}==6015, ATTRS{serial}==DA013NVR,  
SYMLINK+="xbee"
```

*Save and exit.

You should no longer be getting errors when trying to open the xBee connection in the main loop. If you are, replug the xBee device and try again.

Future reading

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