

1. Te asiguri ca exista folderul **Apps**
2. Inlocuiesti **<DEVICE>** din comanda de mai jos, cu tipul indicatorului: **pr1612, x5**
3. Copiezi comanda(TOATE LINIILE) cu **<DEVICE>** inlocuit in terminal si dai **ENTER**
4. Astepti sa ruleze si dai **reboot**
5. Verifici ori in aplicatie ori accesand <http://localhost:1612> intr-un browser

```

COMANDA
cd ~/Apps && \
git clone https://get-app@bitbucket.org/philro-i
cd ~/Apps/device-json && \
sudo cp deviceJson /etc/init.d/deviceJson && \
sudo chmod 755 /etc/init.d/deviceJson && \
sudo chown root:root /etc/init.d/deviceJson && \
sudo update-rc.d deviceJson defaults && \
sudo update-rc.d deviceJson enable

```

```
cd ~/Apps && \
git clone https://get-app@bitbucket.org/philro-industrial/device-json.git -b pr1612 && \
cd ~/Apps/device-json && \
sudo cp deviceJson /etc/init.d/deviceJson && \
sudo chmod 755 /etc/init.d/deviceJson && \
sudo chown root:root /etc/init.d/deviceJson && \
sudo update-rc.d deviceJson defaults && \
sudo update-rc.d deviceJson enable
```

```
cd ~/Apps && \
git clone https://get-app@bitbucket.org/philro-industrial/device-json.git -b x5 && \
cd ~/Apps/device-json && \
sudo cp deviceJson /etc/init.d/deviceJson && \
sudo chmod 755 /etc/init.d/deviceJson && \
sudo chown root:root /etc/init.d/deviceJson && \
sudo update-rc.d deviceJson defaults && \
sudo update-rc.d deviceJson enable
```



<https://www.youtube.com/watch?v=DXgvaibDJzo>

```
philro@philro-NUC:~$ lsusb
philro@philro-NUC:~$ sudo modprobe usbserial vendor=0x1a86 product=0x7523
philro@philro-NUC:~$ dmesg | grep 'ttyUSB'
philro@philro-NUC:~$ sudo chmod 777 /dev/ttyUSB0
philro@philro-NUC:~$ sudo apt-get install cu
philro@philro-NUC:~$ cu -l /dev/ttyUSB0 -s 9600
```

As you can see, the new serial port device is mapped to `/dev/ttyUSB0`. You can instruct Ubuntu to load this module automatically by include the line: `"usbserial vendor=0x1a86 product=0x7523"` inside: `"/etc/modules"` file.

**ATENTIE!!** La PR1612-1613 setari pentru serial: 4800 – 7e C14 => 1

- Cablu la indicator pinii 1, 2 si 8 la 2, 3 si 5
- C14 se face din 0 in 1