

Platformio

G V V Sharma*

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Abstract—This manual is a guide to get started with the Arduino UNO on a Raspberry Pi running on the Raspbian OS. The instructions should work for any Debain/Ubuntu system.

1 SOFTWARE INSTALLATION

1. From the sources.

```
sudo apt-get update
sudo apt-get install platformio
sudo usermod -a -G dialout $USER
```

Immediately logout and login.

2 PLATFORMIO

1. Connect the Arduino to the computer.
2. Download the following directory

```
svn co https://github.com/gadepall/arduino/trunk
    /ide/piosetup/codes
cd codes
pio run
pio run -t nobuild -t upload
```

3. The LED beside pin 13 will start blinking.

*The author is with the Department of Electrical Engineering, Indian Institute of Technology, Hyderabad 502285 India e-mail: gadepall@iith.ac.in. All content in this manual is released under GNU GPL. Free and open source.