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99-platformio-udev.rules

Linux users have to install [udev](#) rules for PlatformIO supported boards/devices. The latest version of the rules may be found at

<https://raw.githubusercontent.com/platformio/platformio-core/develop/platformio/assets/system/99-platformio-udev.rules>

Note

Please check that your board's PID and VID are listed in the rules. You can list connected devices and their PID/VID using [pio device list](#) command.

This file must be placed at `/etc/udev/rules.d/99-platformio-udev.rules` (preferred location) or `/lib/udev/rules.d/99-platformio-udev.rules` (required on some broken systems).

Please open system Terminal and type

```
curl -fsSL https://raw.githubusercontent.com/platformio/platformio-core/develop/platformio/assets/system/99-platformio-udev.rules | sudo tee /etc/udev/rules.d/99-platformio-udev.rules
```

Or you can manually download and copy the file to a destination folder

```
sudo cp 99-platformio-udev.rules /etc/udev/rules.d/99-platformio-udev.rules
```

Restart “udev” management tool:

```
sudo service udev restart

# or

sudo udevadm control --reload-rules
sudo udevadm trigger
```

Ubuntu/Debian users may need to add own “username” to the “dialout” group if they are not “root”, doing this issuing

```
sudo usermod -a -G dialout $USER  
sudo usermod -a -G plugdev $USER
```

Similarly, Arch users may need to add their user to the “uucp” group

```
sudo usermod -a -G uucp $USER  
sudo usermod -a -G lock $USER
```

□ Note

You will need to log out and log back in again (or reboot) for the user group changes to take effect.

After this file is installed, physically unplug and reconnect your board.