

To fix `NotImplementedError: Adafruit-PlatformDetect version 3.15.3 was unable to identify the board and/or microcontroller running the Linux platform.`

First find where all python packages are installed using:

```
sudo find / -name site-packages
```

Go to the following folder using this command (change slightly if this folder doesn't exist):

```
cd most_openreactor/.venv/lib/python3.9/site-packages/adafruit_platformdetect/constants
```

Next get the information of your specific RPi unit:

```
cat /proc/cpuinfo
```

Take note of the last four lines, in particular the revision number. Copy this number. For example:

Hardware: BCM2835

Revision: **c03131**

Serial: 10000000fdcf3127

Model: Raspberry Pi 400 Rev 1.1

Next edit the boards file in Adafruit Platform Detect using:

```
nano boards.py
```

Scroll down using the arrow keys until you get to your specific RPi model (Raspberry Pi 4, Raspberry Pi 400, etc.). Add the revision number to the list of numbers under your specific model (in this example "c03131").

To change the files for a new reactor.

Change the git branch using:

```
git checkout <name of repository>
```

For example:

| Repository | Command |
|-------------------------|--|
| Bioreactor | git checkout bioreactor2 |
| Chemical Deconstruction | git checkout chemreactor |
| Pyrolysis | git checkout integrated_pyrolysis |