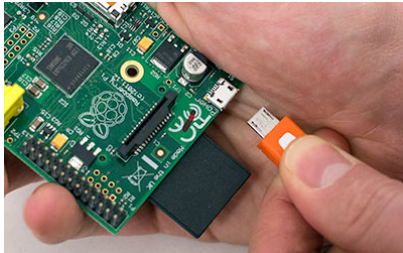




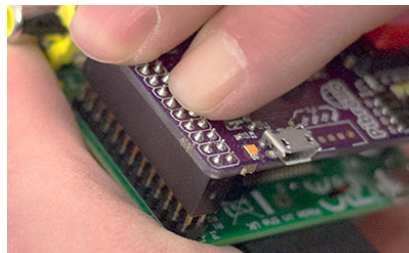
INTRODUCTION TO THE PIBRELLA

The Pibrella is an add board for the Raspberry Pi. The on board LED's, switch and buzzer are all controllable via the GPIO using python or with Scratch GPIO. It can also handle inputs and control motors.

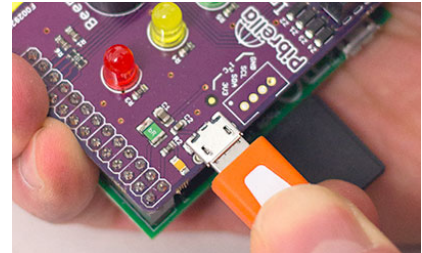
INSTALLATION



Remove the power from the Raspberry Pi



Press the Pibrella firmly on to the Raspberry Pi GPIO



Reconnect the power to the Raspberry Pi

QUICKSTART

```
pi@raspberrypi ~ $ sudo apt-get update && sudo apt-get upgrade
```

Update and upgrade the system

```
pi@raspberrypi ~ $ sudo apt-get install python-pip && sudo pip install pibrella
```

Install Python-pip and then install the pibrella libraries

```
sudo apt-get install python-pip && sudo pip install pibrella
```

```
pi@raspberrypi ~ $ sudo python -i
Python 2.7.3 (default, Mar 18 2014, 05:13:23)
[GCC 4.6.3] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

After log in start python interactively with the command:

```
sudo python -i
```

```
pi@raspberrypi ~ $ sudo python -i
Python 2.7.3 (default, Mar 18 2014, 05:13:23)
[GCC 4.6.3] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>> import pibrella
>>>
```

