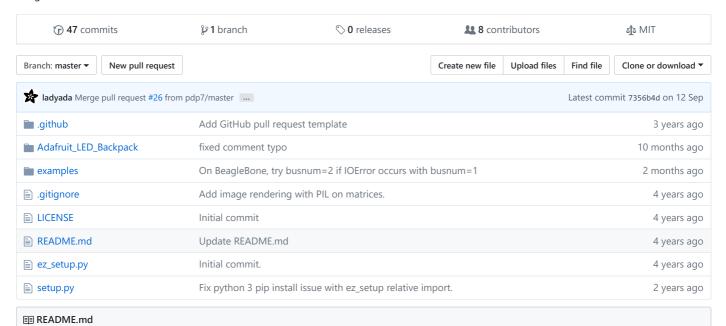
adafruit / Adafruit_Python_LED_Backpack

Python library for controlling LED backpack displays such as 8x8 matrices, bar graphs, and 7/14-segment displays on a Raspberry Pi or BeagleBone Black.



Adafruit Python LED Backpack

Python library for controlling LED backpack displays such as 8x8 matrices, bar graphs, and 7/14-segment displays on a Raspberry Pi or BeagleBone Black.

Designed specifically to work with the Adafruit LED backpack displays ----> https://learn.adafruit.com/adafruit-led-backpack/overview

For all platforms (Raspberry Pi and Beaglebone Black) make sure your system is able to compile Python extensions. On Raspbian or Beaglebone Black's Debian/Ubuntu image you can ensure your system is ready by executing:

```
sudo apt-get update
sudo apt-get install build-essential python-dev
```

You will also need to make sure the python-smbus and python-imaging library is installed by executing:

```
sudo apt-get install python-smbus python-imaging
```

Install the library by downloading with the download link on the right, unzipping the archive, navigating inside the library's directory and executing:

```
sudo python setup.py install
```

See example of usage in the examples folder.

Adafruit invests time and resources providing this open source code, please support Adafruit and open-source hardware by purchasing products from Adafruit!

Written by Tony DiCola for Adafruit Industries.

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