

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.

47 commits

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ladyada Merge pull request #26 from pdp7/master ...	Latest commit 7356b4d on 12 Sep
.github	Add GitHub pull request template 3 years ago
Adafruit_LED_Backpack	fixed comment typo 10 months ago
examples	On BeagleBone, try busnum=2 if IOError occurs with busnum=1 2 months ago
.gitignore	Add image rendering with PIL on matrices. 4 years ago
LICENSE	Initial commit 4 years ago
README.md	Update README.md 4 years ago
ez_setup.py	Initial commit. 4 years ago
setup.py	Fix python 3 pip install issue with ez_setup relative import. 2 years ago

README.md

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.

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Written by Tony DiCola for Adafruit Industries.

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