em

Release 0.3

January 25, 2014

Em is a terminal tool that prints FILE(s), or standard input to standard output and highlights the expressions that are matched the PATTERN.

```
igor at hp in :~/devel/em on git:master workon em
$ tail setup.py | em 'license' yellow -i | em 'Linux' green
        'License :: OSI Approved :: BSD License',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.2',
        'Programming Language :: Python :: 3.3',
    ],
    platforms=['Linux', 'MacOS', 'Unix']
)
```

The expression will be highlighted iff the terminal is ANSI-compatible. This criterion is met by most popular terminal emulators on Linux, Unix and MacOS.

Installation

Em is a small script written in Python without any further dependencies but things that are shipped with Python 2.7, Python 3.2 or above. Quick installation:

```
$ [sudo] pip install em
```

Quickstart

Em is cool and easy to use. The most practical usecase for me:

```
$ tail -f /path/to/log | em "ERROR" red | em "iphone:" green
```

The example above highlights all occurrences of «ERROR» in red and all occurrences of «iphone:» in green when watching the log.

But you can use em in the following way:

```
$ em "ERROR|CRITICAL" red /path/to/log
```

which prints the log and highlights all occurrences of «ERROR» or «CRITICAL» in red.

Options

Here is a command line interface of Em:

```
usage: em [-i] [-l] [-v] [-h] PATTERN FORMAT [FILE [FILE ...]]

Em is a terminal tool that prints FILE(s), or standard input to standard
output and highlights the expressions that are matched the PATTERN.

positional arguments:
  PATTERN            a pattern to highlight
  FORMAT             a color to highlight matched expressions
  FILE               search for pattern in these file(s)

optional arguments:
  -i, --ignore-case  ignore case distinctions
  -l, --line-mode    highlight entire line
  -v, --version      show program's version number and exit
  -h, --help         show this help message and exit

With no FILE, or when FILE is -, read standard input. The FORMAT option must
be one of: BOLD, UNDERLINE, [ON]GREY, [ON]RED, [ON]GREEN, [ON]YELLOW,
[ON]BLUE, [ON]MAGENTA, [ON]CYAN or [ON]WHITE.
```

The CLI is clear, but some option descriptions are below:

--ignore-case	Case insensitive search for the PATTERN.
--line-mode	Highlights the entire line if PATTERN was found in the line.

Contribute

Found a bug? Have a good idea for improving Em? Go to em's github page and create a new issue or fork. Also, if you like what I'm doing I would appreciate some support through gittip.