

py-looper

Create MP4 clips from an image and a loopable audio file via command line.

Pre-installation

python - <https://www.python.org>. Tested with Python v3.6.5. Python is packaged with Mac OS X and Linux but not Windows. Check your Python version if you run into issues (`python -v`).

ffmpeg - <https://www.ffmpeg.org/> - is required but should be installed automatically if not present. It's also packaged with some OSes and other programs often require it.

pip - <https://pip.pypa.io/en/stable/installing/> - is required. It's the standard Python package manager and is sometimes installed when Python is.

Installation

Navigate to the py-looper folder via terminal or cmd `cd py-looper`

Install dependencies via `pip install -r requirements.txt`. Or just `pip install moviepy` as there's only one dependency.

Running

```
cd py-looper
```

```
python main.py [image] [audio] [min_length] [movie_name]
```

e.g., `python main.py my_image.png my_audio.mp3 1.0 my_movie` creates `[movie_name].mp4` in the py-looper directory.

The resulting video file will have the same dimensions as the supplied `[image]`.

Spaces in these arguments will require the argument to be passed with ' single quote marks on most terminals. E.g., `'My Image File.png'`.

Use tab to autocomplete image/audio filenames and locations.

[image]

Any picture file (png, tiff, jpeg, etc.)

[audio]

Any audio file that loops perfectly.

[min_length]

Formatted as `Minutes.Seconds`. One minute is `1.0`. Thirty seconds is `0.30`. Note: the preceding `0.` is

required when specifying a time less than one minute.

The program will loop the audio file until the resulting video is at least as long as the `min_length` parameter.

[movie_name]

Any string, e.g., `hello` or `test-123`. The file will be saved as MP4.