

# fast\_style\_transfer

April 24, 2018

- Google Colaboratory GPU

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In [0]: mkdir /github
```

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```
In [0]: cd fast-style-transfer/
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- : !pip install --upgrade pippip, .

```
In [0]: !pip install -i https://pypi.tuna.tsinghua.edu.cn/simple tensorflow
```

```
In [0]: !pip install scipy pillow
```

```
In [0]: !pip install moviepy
```

- ffmpeg

```
In [0]: import imageio
        imageio.plugins.ffmpeg.download()
        from moviepy.editor import *
```

- input.jpeg

```
In [0]: from google.colab import files
```

```
        uploaded = files.upload()
```

```
        for fn in uploaded.keys():
            print('User uploaded file "{name}" with length {length} bytes'.format(
                name=fn, length=len(uploaded[fn])))
```

```
In [0]: ls
```

- input.jpeg.

```
In [0]: !python evaluate.py --checkpoint ./rain-princess.ckpt --in-path ./input.jpeg --out-path
```

```
In [0]: ls
```

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```
In [0]: from google.colab import files
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```
fp = 'output_image.jpg'  
files.download(fp)
```