

# CTF图片拼接

原创

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CTF图片拼接需要的工具有montage和gaps, 找了大量的博客终于成功了。

montage在python的库里可以下载, 所以下载指令为:

```
pip install montage
```

但是我一直爆pip的依赖错误, 搞半天没成功过, 但是我在linux的apt的安装库里有这个东西, 害太难了, 话说有成功的吗?

```
INFO: This is taking longer than usual. You might need to provide the dependency resolver with stricter c
onstraints to reduce runtime. If you want to abort this run, you can press Ctrl + C to do so. To improve
how pip performs, tell us what happened here: https://pip.pypa.io/surveys/backtracking
INFO: This is taking longer than usual. You might need to provide the dependency resolver with stricter c
onstraints to reduce runtime. If you want to abort this run, you can press Ctrl + C to do so. To improve
how pip performs, tell us what happened here: https://pip.pypa.io/surveys/backtracking
ERROR: Cannot install montage because these package versions have conflicting dependencies.

The conflict is caused by:
  croppresize 0.1.6 depends on PIL
  croppresize 0.1.5 depends on PIL
  croppresize 0.1.4 depends on PIL
  croppresize 0.1.2 depends on PIL
  croppresize 0.1.1 depends on PIL
  croppresize 0.1 depends on PIL
  croppresize 0.0 depends on PIL

To fix this you could try to:
1. loosen the range of package versions you've specified
2. remove package versions to allow pip attempt to solve the dependency conflict

ERROR: ResolutionImpossible: for help visit https://pip.pypa.io/en/latest/user_guide/#fixing-conflicting-dependencies
```

linux apt安装指令:

```
apt install graphicsmagick-imagemagick-compat
```

一般是用方法是：

```
montage *.jpg -tile 9*9 -geometry +0+0 图片名称
```

9\*9是拼成大小

montage安装好后就可以安装gaps了

gaps在gethub上有项目，所以可以直接clone下载

```
git clone https://github.com/nemanja-m/gaps.git
#到gaps目录下去执行
python -m pip install -r requirements.txt#如果模块安装好了且版本正确可以跳过
apt install python-tk
python -m pip install -e .
```

也许是新机吧这里安装就顺利多了

如果安装不好可以直接在当前目录下的bin文件夹下直接去执行也是可以的但前提是python的库得要安装好。

这里附一条常用的使用指令：

```
gaps --image=要排序的图片 --size=55 --save
```

这里就结束安装介绍了。