
Heroku Documentation

Release

ZiboLiao

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CHAPTER 1

Getting Started

- [Heroku](#)
- python 3.6
- pipenv [pip3 install pipenv]
- postgres (app)

Heroku CLI

Heroku:

```
heroku login
```

app

:

```
git clone https://github.com/heroku/python-getting-started.git
cd python-getting-started
```

app

Heroku app, heroku git app :

```
heroku create
# heroku create <appname>

::

git push heroku master
```

python webheroku web dyno: app dyno :

```
heroku ps -a <appname>
```

Note: dyno app app Unix

web dyno web dyno:

```
heroku ps:scale web=1
```

Note: web dyno web ; web dyno 30 kill web dyno heroku 550 dyno heroku ps

app :

```
heroku open
```

[log]

app (stdout) Heroku :

```
heroku logs --tail

Ctrl-C
```

Note: Heroku app 1500

Procfile [Process file]

app Procfile app app Procfile :

```
web: gunicorn gettingstarted.wsgi --log-file -
```

:

```
process type: command

web process typeURLweb process type worker ()
Procfile ``process type: command``
process type dyno
```

```

app
=====

Heroku PaaS / (dyno/addon)

dyno::

    heroku ps

```

dyno CPU Memory app dyno:

```
heroku ps:scale web=0
```

app URL:

```
heroku open
```

app dyno HTTP dyno:

```
heroku ps:scale web=1
```

app

Heroku Pipfile requirements.txt app python app Pipfile app app Heroku pipenv install --system --skip-lock

Note: Postgres Heroku app Postgres Linux libpq-dev

app:

```

pipenv --three # python3
pipenv install #

```

virtualenv:

```
pipenv shell
```

Note: process dyno

app

Django :

```
python manage.py collectstatic
```

app:

```
heroku local web # Unix
heroku local web -f Procfile.windows # Windows
```

Heroku Heroku local Procfile <http://localhost:5000/> app

app

Ctrl-C

Heroku app

requests :

```
pipenv install requests
```

requests Pipfile

hello/views.py:

```
import requests #

# index
def index(request):
    r = requests.get('http://httpbin.org/status/418')
    print(r.text)
    return HttpResponse('<pre>' + r.text + '</pre>')
```

app:

```
heroku local
```

<http://localhost:5000>

Heroku app:

```
git add . # git
git commit -m "Demo" #
git push heroku master # Heroku

heroku open # app
```

[add-ons]

app out-of-the-box ()

papertrail :

```
heroku addons:create papertrail
```

Note:

app :


```
heroku addons:open papertrail
```

Heroku

```
Heroku //app heroku run one-off() dyno
```

Heroku REPL():

```
heroku run python manage.py shell
```

Note: Error connecting to process

Heroku app :

```
>>> import requests
>>> print(requests.get('http://httpbin.org/status/418').text)

--[ teapot ]--

      . . . . .
    . '   _   ' .
    |  . " ^  " . _/
  \ _/  ` " _ _ " ' / /
    |                      ; /
  \ _ _ _ _ _ _ _ _ _ _ /
    \ _ _ _ _ _ _ _ _ _ _ /

>>> exit()
```

dyno one-off dyno bash shell dyno dyno app :

```
heroku run bash
ls
exit
```

Note: `bashdyno` `exit` shell, `dyno`

1.No default language could be detected for this app

push heroku:

```
H:\python\scrapy\polls>git push heroku master
Counting objects: 23, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (22/22), done.
Writing objects: 100% (23/23), 7.40 KiB | 0 bytes/s, done.
Total 23 (delta 0), reused 0 (delta 0)
remote: Compressing source files... done.
remote: Building source:
remote:
remote: !       No default language could be detected for this app.
remote:                HINT: This occurs when Heroku cannot detect the
↳buildpack to use for this application automatically.
remote:                See https://devcenter.heroku.com/articles/buildpacks
remote:
remote: !       Push failed
remote: Verifying deploy...
remote:
remote: !       Push rejected to polls-spider.
remote:
To https://git.heroku.com/polls-spider.git
 ! [remote rejected] master -> master (pre-receive hook declined)
error: failed to push some refs to 'https://git.heroku.com/polls-spider.git'
```

heroku

push

- 1.
2. git init; git commit -m "init"

3. `heroku create <appname>`
4. `pipenv --three; pipenv install scapy`
5. Procfile
6. `git push heroku master`

`git commit, commit git pipenv PipfileHeroku python`

- 1.
2. `pipenv --three; pipenv install scapy`
3. Procfile
4. `heroku create <appname>`
5. `git init; git commit -m "init"`
6. `git push heroku master`

CHAPTER 3

Indices and tables

- `genindex`
- `modindex`
- `search`