

Python Heroku Deployment

Steps to create a postgres database and deploy a Python app to Heroku

Install guinicorn locally

```
pipenv install gunicorn  
or  
pip install gunicorn
```

Install Heroku CLI

<https://devcenter.heroku.com/articles/heroku-cli>

Login via CLI

```
heroku login
```

Create app

```
heroku create appname
```

Create database

```
heroku addons:create heroku-postgresql:hobby-dev --app appname
```

Get URI

```
heroku config --app appname
```

Add to your app

Create Procfile

```
touch Procfile
```

Add this

```
web: gunicorn app:app
```

Create requirements.txt

```
pip freeze > requirements.txt
```

Create runtime.txt

```
touch runtime.txt
```

Add this

```
python-3.7.2
```

Deploy with Git

```
git init
git add . && git commit -m 'Deploy'
heroku git:remote -a appname
git push heroku master
```

Add table to remote database

```
heroku run python
>>> from app import db
>>> db.create_all()
>>>exit()
```

Visit app

```
heroku open
```