

< Configuration project for Heroku >

1. Install PostgreSQL:

```
pip install psycopg2
```

2. Install Heroku:

```
pip install django-heroku
```

3. config Heroku in setting.py:

```
import django heroku  
django heroku.settings(locals())
```

4. Install Gunicorn:

```
pip install gunicorn
```

5. Get pip freeze in *.txt

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

6. git init & .gitignore files and directories

7. Create "Procfile" (without ext)

```
web: gunicorn <project name>.wsgi --log-file -
```

8. Create runtime.txt

```
python-<version>  
exp: python-3.9.6
```

< Upload project on Heroku >

1. In CMD project directory:

```
>>> heroku login # (cmnt:for login account)
>>> heroku create # (cmnt: for create repository)
>>> git push heroku <branch> # (cmnt: for pushing project)
```

2. Heroku guides:

```
>>> heroku ps # (cmnt:for see my Heroku status)
>>> heroku open # (cmnt:for run project)
```

3. migrate models:

```
>>> heroku run bash # (cmnt:for run Heroku bash)
$ ls # (cmnt:for get list of directory)
$ python manage.py makemigrations
$ python manage.py migrate
$ python manage.py collectstatic
$ python manage.py createsuperuser
$ python pip install -r requirements.txt
```

4. change Heroku domain url:

```
>>> heroku apps: rename <domain name>
```

Don't forget change DEBUG mode form setting.py

Tips:

Don't forget install Heroku cli in your OS and adding it path in Environment variable path's.

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

All python version supported:

<https://devcenter.heroku.com/articles/python-support#recognizing-a-python-app>

website: [Heroku.com](https://heroku.com)