

Getting your Django App to Heroku

There are a couple of steps to this. The first one is getting a heroku account. Then you need to install the heroku client on your machine. Then we need to set you up with permissions to push to heroku. After that, you need to create a heroku app, make some changes to your code so that it is ready for heroku, then launch it using git.

Make sure you **read through** each section completely before beginning to follow the steps.

Signing Up For Heroku

1. Go to heroku [<http://heroku.com>]
2. Click *Sign Up*
3. Enter your email address in the box, and confirm
4. Check your email, and confirm your account using the provided link

Installing the Heroku Client

1. Follow the instructions (here)[<https://toolbelt.heroku.com/>] to install the Heroku tools on your machine (if you are on ubuntu, run the command `wget....`` that they provide. If you run in to permissions problems, call over a Jovana or a Louis to help. We may just post the password).

Getting Heroku Authentication

1. From the command line, type `heroku login``.
2. This will prompt you for your heroku authentication information, so fill it in.
3. It will also ask to upload a `__key__`. Choose `_yes_`
4. If you are on a school computer, please note that this means that you will have to use the same computer that you are on today
(there are ways around this, but it will be easiest for everyone if you don't change computers)
5. You are now logged into heroku on your local machine.

Preparing your App for Heroku

1. You need to install one more python package:

If you are on a school computer, type:
`su aiti-admin -c "sudo pip install dj-database-url"`
and call us to enter the password (or we we'll tell you the password)

If you are on a laptop, just type the part in quotes:

```
sudo pip install dj-database-url
```

This is a package that makes it easier to work with different databases.

2. In your `settings.py` file, find the place where `DATABASES` is defined.
3. Replace that with the code:

```
import dj_database_url
DATABASES = {
    'default': dj_database_url.config(
        default="sqlite://webnotes.db")
}
```

4. Create a file `requirements.txt` that has the content:

```
Django==1.4
psycopg2==2.4.5
dj-database-url==0.2.0
```

Creating and Launching the Heroku App

1. First step is creating a app. Pick a name for it (I'm going to use `louissobel-webnotes`)
2. Then type `heroku create louissobel-webnotes --stack cedar` (obviously, replace `louissobel-webnotes` with the name that you picked.
3. You have now created a web app!
4. But you need to add the `heroku` git remote.
5. The output of the `heroku create...` command should have included a git repository address, like `git@heroku.com:louissobel-webnotes.git`
6. Type the command:
`git remote add heroku git@heroku.com:louissobel-webnotes.git`
(again - make sure you substitute your git address for mine)
7. Do a `git add .` and `git commit` to make sure that you have no uncommitted changes.
8. Now its time to launch: `git push heroku master`
9. Go to `louissobel-webnotes.herokuapp.com` (again, substituting in the name of your app for the name of mine.) **YIPPEE!**