MIT AITI
Python Software Development

Django Blog Project
Heroku Instructions

Ok – here is how to work with heroku and your blog project.

Have you already created a heroku application? If not, go to the second page.

Launching to heroku:

1. **MAKE SURE THAT YOUR APPLICATION IS NOT BROKEN:**
    a. Run it locally using `python manage.py runserver`.
    b. Go to your site on `localhost:8000` and make sure that the changes you have made have not caused bugs in your website.
    c. If there are bugs, **fix them**, then go to step **1.** (yes, I mean 1.)

2. Type `git status` and make sure that there is nothing to commit (you will see a message "nothing to commit" if that is the case)
    a. If that is not the case, add what you want to commit or everything
       (`git add .`)
    b. And then commit your changes
       (`git commit -m "made some sick changes"`)

3. Then type `git push heroku master` to launch the application

4. If you have added any apps or models since the last time you launched, type
   `heroku run python manage.py syncdb`
   to sync the heroku database

Creating a Heroku Django App and Launching it

1. Make sure you are logged in to heroku:

   ```
   heroku login
   ```

2. Create a new heroku application named whatever you want, for example, `louis-django-blog`

   ```
   heroku create louis-django-blog --stack cedar
   ```

3. Add the heroku remote:

   ```
   git remote add heroku git@heroku.com:louis-django-blog.git
   ```
   (use your application name in place of mine)

4. Create a `requirements.txt` file with the following three lines:
   ```
   Django==1.4
   Psychopg2==2.4.5
   Dj-database-url==0.2.0
   ```

5. Goto the first page of this document and follow the instructions under the heading "Launching to heroku"