

Heroku-ing your Project

Part 1: Prepping your Repo

Step 1: Make the structure of your repository look like this:



* You can have extra files and folders, but all of the files necessary to run your app must be in this format.

Step 2: Create new anaconda environment:

```
conda create -n project_env python=3.6
```

Step 3: Activate new environment:

```
conda activate project_env
```

Step 4: Do the following pip installs:

```
pip install flask
pip install gunicorn
```

Step 5: Pip install libraries necessary to run your app.py

- If you are unsure what you need, just try running app.py and then pip installing any module that causes an error.
- When your app.py runs correctly, move on to the next step.

Step 6: Create your requirements.txt

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

Step 7: Create Procfile (*note capitalization)

`touch Procfile`

- Open Procfile using the editor of your choice
- Copy and paste the following into Procfile:

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

Step 8: Add, commit, and push all these changes to the master branch of your repository

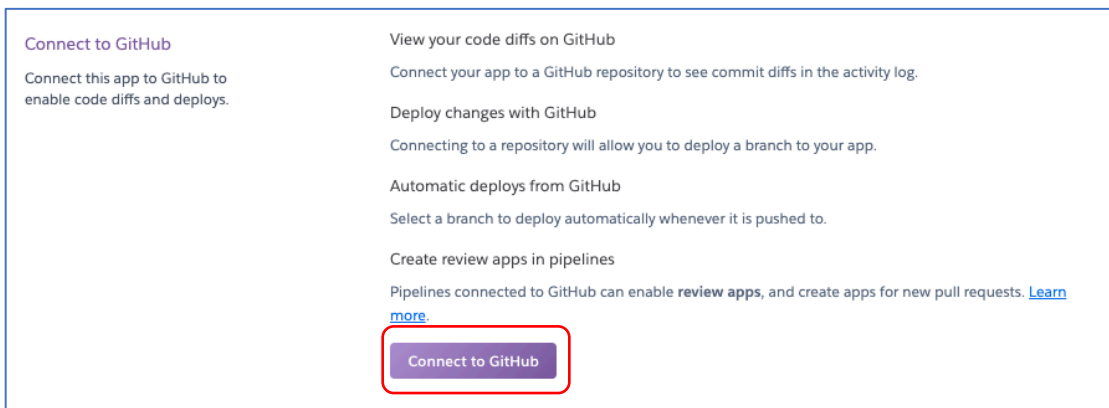
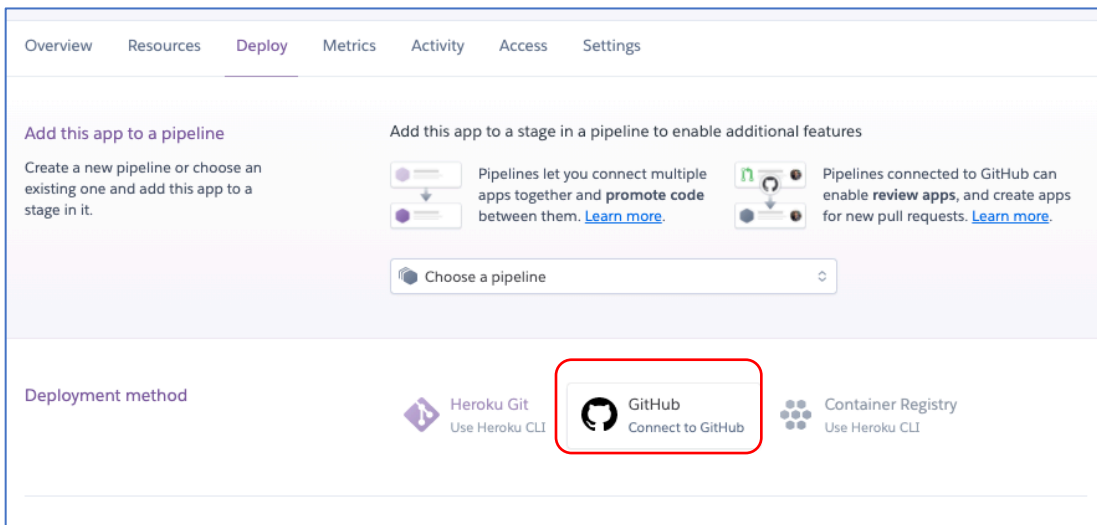
Part 2: Creating your Heroku App

Step 1: Navigate to www.heroku.com and create an account if you don't already have one.

Step 2: On main screen, select “Create New App”

- Give your app a unique name and leave region to default.

Step 3: In the Deployment method, select GitHub and then click “Connect to GitHub” button.



Step 3: Authorize Heroku to access your GitHub and select your repository to connect to.

Step 4: Navigate to the Manual deploy section below it and click Deploy Branch.

Automatic deploys

Enables a chosen branch to be automatically deployed to this app.

Enable automatic deploys from GitHub

Every push to the branch you specify here will deploy a new version of this app. **Deploys happen automatically:** be sure that this branch is always in a deployable state and any tests have passed before you push. [Learn more.](#)

Choose a branch to deploy

☐ Wait for CI to pass before deploy

Only enable this option if you have a Continuous Integration service configured on your repo.

Enable Automatic Deploys

Manual deploy

Deploy the current state of a branch to this app.

Deploy a GitHub branch

This will deploy the current state of the branch you specify below. [Learn more.](#)

Choose a branch to deploy

Deploy Branch

If successfully deployed, click “View” to open your app. Huzzah! You are done!

If you get an error, this is when you cry.