

# Heroku Deployment Guide

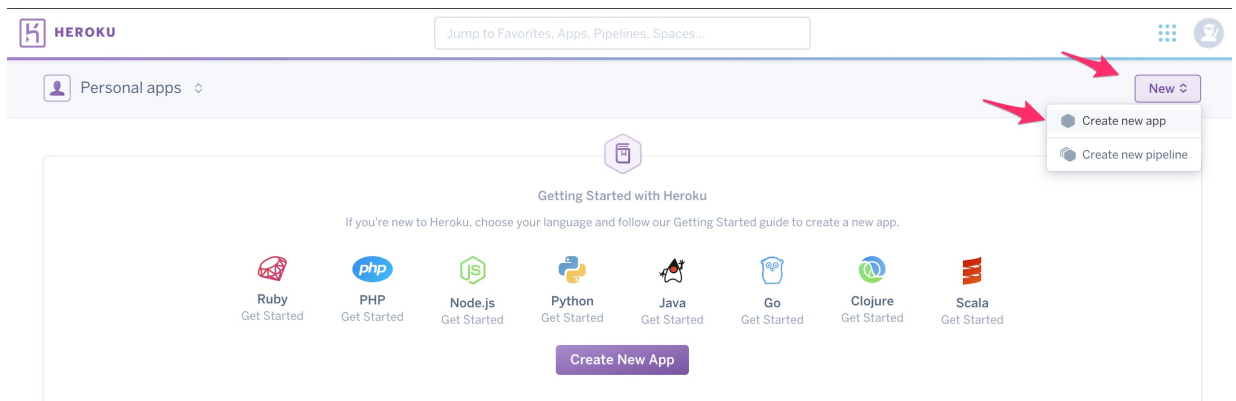
- Heroku is a cloud application platform. This means that we can run our scripts on Heroku's servers! Here are the steps to do get our apps running on Heroku.
- Important: before deploying your code to a cloud server, verify that it runs without error locally (i.e. be able to run it from your console or in Jupyter Notebook without errors).
- Push your code to Github. Include both the **Procfile** and **requirements.txt** files in the directory.
- Open your **Procfile** with a text editor, and replace **ChatterBot.py** with the name of your Python script.



- Your **requirements.txt** should list the required modules, and their versions. Here, we require only the **tweepy** module, version **3.5.0**. You can run **conda list** from your console to display all the modules you have installed, as well as their version numbers.



- Next, go to [heroku.com](https://heroku.com) and create an account.
- After registering, click on **New**, then on **Create new app**. You will create a new **app** for each program.





- In the next screen, create your **App name**, a unique and meaningful name for your app. Click on **Create app**.

HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...


Create New App


App name 


tweetagram 

tweetagram is available

Choose a region


 United States



 Add to pipeline...


 Create app


- Next, select **Connect to Github**, and click the button at the bottom.

Deployment method

 Heroku Git  
Use Heroku CLI

 Github  
Connect to Github 

 Dropbox  
Connect to Dropbox

 Container Registry  
Use Heroku CLI

Connect to Github

Connect this app to Github to enable code diffs and deploys.

View your code diffs on Github

Connect your app to a Github repository to see commit diffs in the activity log.

Deploy changes with Github


Connecting to a repository will allow you to deploy a branch to your app.

Automatic deploys from Github

Select a branch to deploy automatically whenever it is pushed to.

Create review apps in pipelines

Pipelines connected to Github can enable **review apps**, and create apps for new pull requests. [Learn more](#)

 Connect to Github

- In the field **repo-name**, enter the name of your Github repo, and click **Search**.

Heroku Git Use Heroku CLI

GitHub Connect to GitHub

Dropbox Connect to Dropbox

Container Registry Use Heroku CLI

Search for a repository to connect to

kulini repo-name Search

Missing an organization? [Ensure Heroku Dashboard has organization access.](#)

- Click **Connect** to link your Heroku app with your Github repo.

Search for a repository to connect to

kulini tweeter Search

Missing an organization? [Ensure Heroku Dashboard has organization access.](#)

kulini/tweeter Connect

- Click on **Enable Automatic Deploys**, which will allow the Heroku server to restart your app whenever you push a change to your Github repo.

Deployment method

Heroku Git Use Heroku CLI

GitHub **Connected**

Dropbox Connect to Dropbox

Container Registry Use Heroku CLI

App connected to GitHub

Code diffs, manual and auto deploys are available for this app.

Connected to [kulini/tweeter](#) Disconnect...

✓ Releases in the [activity feed](#) link to GitHub to view commit diffs

Automatic deploys

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

Enable automatic deploys from GitHub

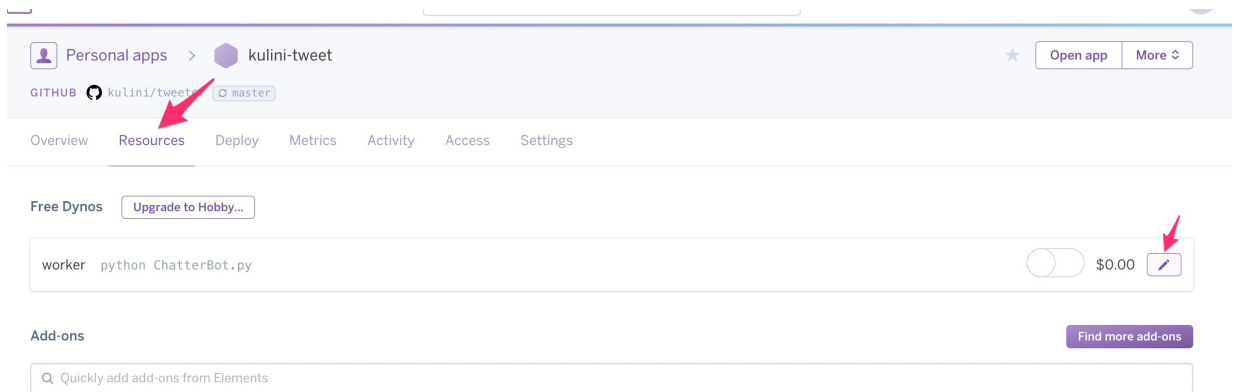
Every push to the branch you specify here will deploy a new version of this app. **Deploys happen automatically**; be sure that this branch is always in a deployable state and any tests have passed before you push. [Learn more.](#)

master

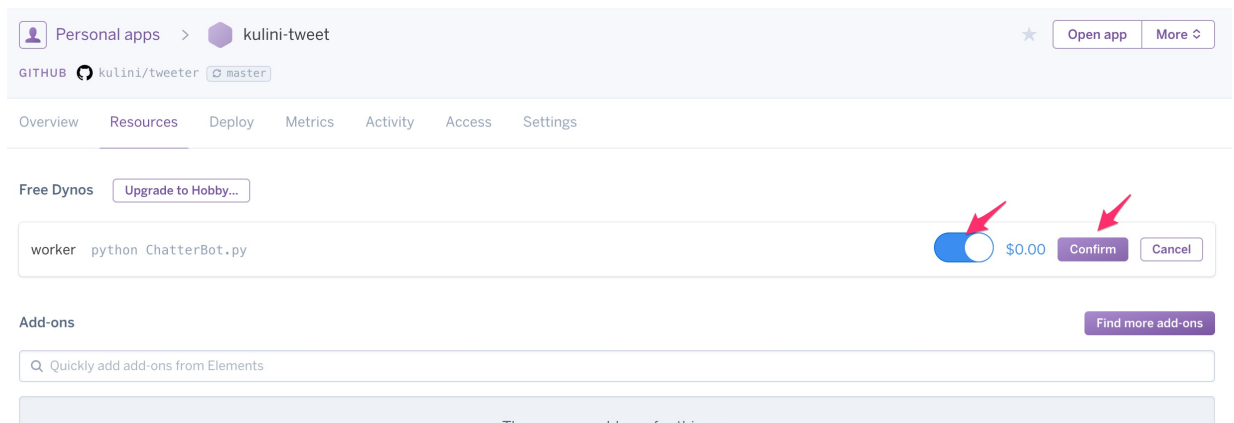
☐ Wait for CI to pass before deploy  
Only enable this option if you have a Continuous Integration service configured on your repo.

**Enable Automatic Deploys**

- Finally, click on the **Resources** tab, followed by clicking the **edit** button with the pencil icon.



- Slide the worker switch to the right, then click on **Confirm**.



- Your app should now be deployed!