

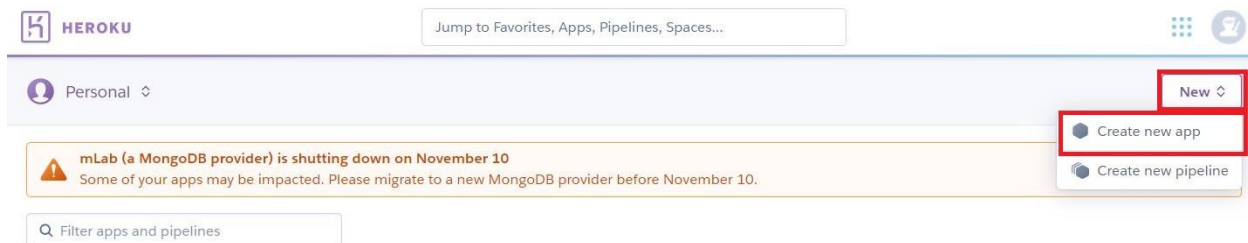
Rich Media Web App Dev II

Deploying To Heroku

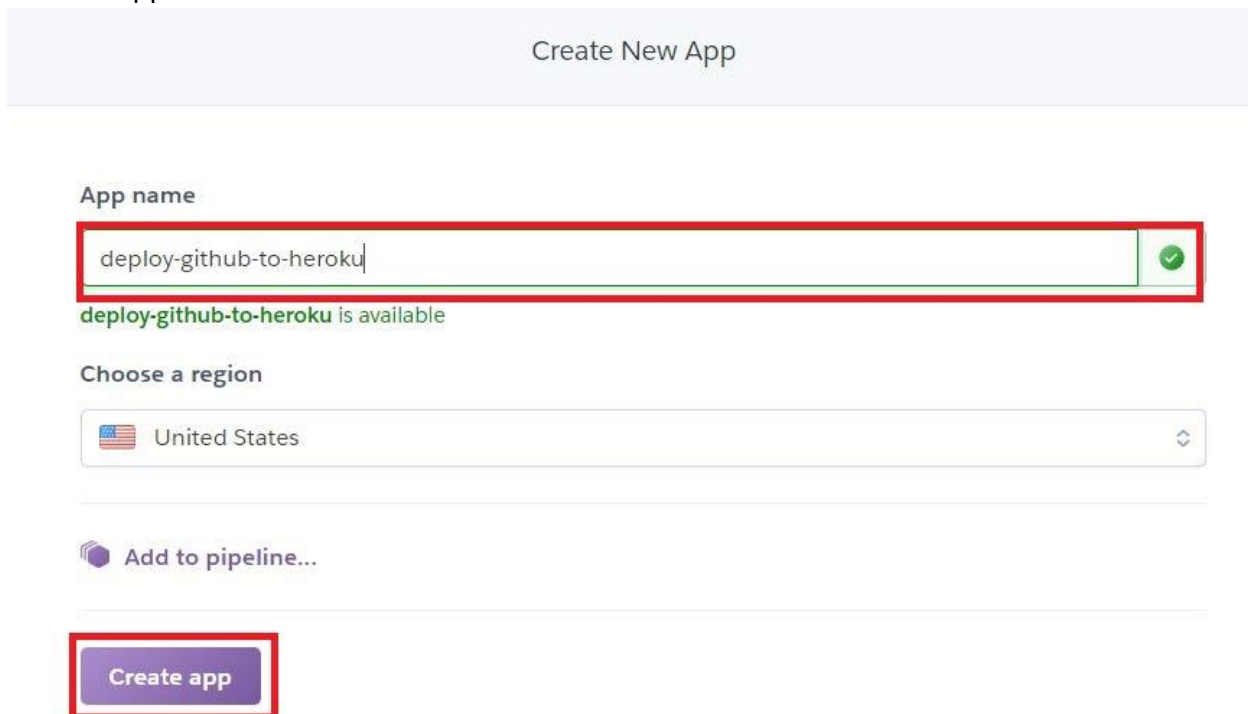
These are instructions for getting your project running on Heroku. It covers connecting your GitHub repo to your Heroku app and starting the server.

Creating Your App

After logging into Heroku, you should be met with the following dashboard. Click “New” at the top right, and select “Create New App”. An “App” on Heroku is basically a server.



The next screen will ask you to name your app. Give it a meaningful name, and then press “Create App”.

A screenshot of the "Create New App" form in Heroku. The form has a light blue header with the text "Create New App". Below the header is a section for "App name" with a text input field containing "deploy-github-to-heroku" and a green checkmark icon. Below the input field is a green message: "deploy-github-to-heroku is available". Below this is a section for "Choose a region" with a dropdown menu showing "United States" and a small icon. Below the dropdown menu is a link that says "Add to pipeline...". At the bottom of the form is a purple button with the text "Create app". A red box highlights the "Create app" button.

Once you create your app, it will bring you straight to the “Deploy” window for that app. Click the “Connect to GitHub” button. Log into your GitHub account.

The screenshot shows the Heroku dashboard for an app named "deploy-github-to-heroku". The top navigation bar includes the Heroku logo, a search bar, and user profile information. Below the navigation bar, there are tabs for Overview, Resources, Deploy, Metrics, Activity, Access, and Settings. The main content area is divided into two sections. The left section, titled "Add this app to a pipeline", explains that you can create a new pipeline or choose an existing one and add this app to a stage in it. The right section, titled "Add this app to a stage in a pipeline to enable additional features", explains that pipelines let you connect multiple apps together and promote code between them, and that pipelines connected to GitHub can enable review apps and create apps for new pull requests. Below these sections is a dropdown menu labeled "Choose a pipeline".

The screenshot shows the "Deployment method" section of the Heroku dashboard. It features three options: "Heroku Git" (Use Heroku CLI), "GitHub" (Connect to GitHub), and "Container Registry" (Use Heroku CLI). The "GitHub" option is highlighted with a red box. Below this section, there is a section titled "Connect to GitHub" which explains that connecting the app to GitHub enables code diffs and deploys. This section includes a search bar for repositories and a list of results.

Once you have logged in, you should be able to select your account and search for your specific repo. In this case, I am deploying my “HerokuTest” repo. Once you find the repo, click the “Connect” button associated with it.

The screenshot shows the "Connect to GitHub" section of the Heroku dashboard. It features a search bar for repositories and a list of results. The search bar contains the text "AustinWilloughby" and "heroku". The list of results shows "AustinWilloughby/HerokuTest" with a "Connect" button next to it. The "Connect" button is highlighted with a red box.

Once you have connected your app, there are a few things to do. First: if you plan to use CircleCI you can choose to have Heroku only deploy your repo to the live server if it passes CI testing. This is optional and up to you.

Next, you will likely want to “Enable Automatic Deploys”. Enabling this option means that any time you push code to your repository, Heroku will deploy that to your live server. The only exception is if you check the “Wait for CI to pass before deploy” box, in which case it will only deploy if your CircleCI build passes.

Finally, you will need to deploy your code to your app. This won't happen automatically, even if you press the "Enable Automatic Deploys" unless you set it up before pushing your code to your repo. Press the "Deploy Branch" button.

App connected to GitHub
Code diffs, manual and auto deploys are available for this app.

Connected to [AustinWilloughby/HerokuTest](#) by [AustinWilloughby](#) [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.

You can now change your main deploy branch from "master" to "main" for both manual and automatic deploys, please follow the instructions [here](#).

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
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

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
master

Deploy Branch

Finally, if your build is successful Heroku will give you the option to "View" your app. If your build fails, you will need to read the logs and determine why.

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
master

Deploy Branch

Receive code from GitHub

Build **master** [a1722318](#)

Release phase

Deploy to Heroku

Your app was successfully deployed.

View

Your app is now running live on Heroku.