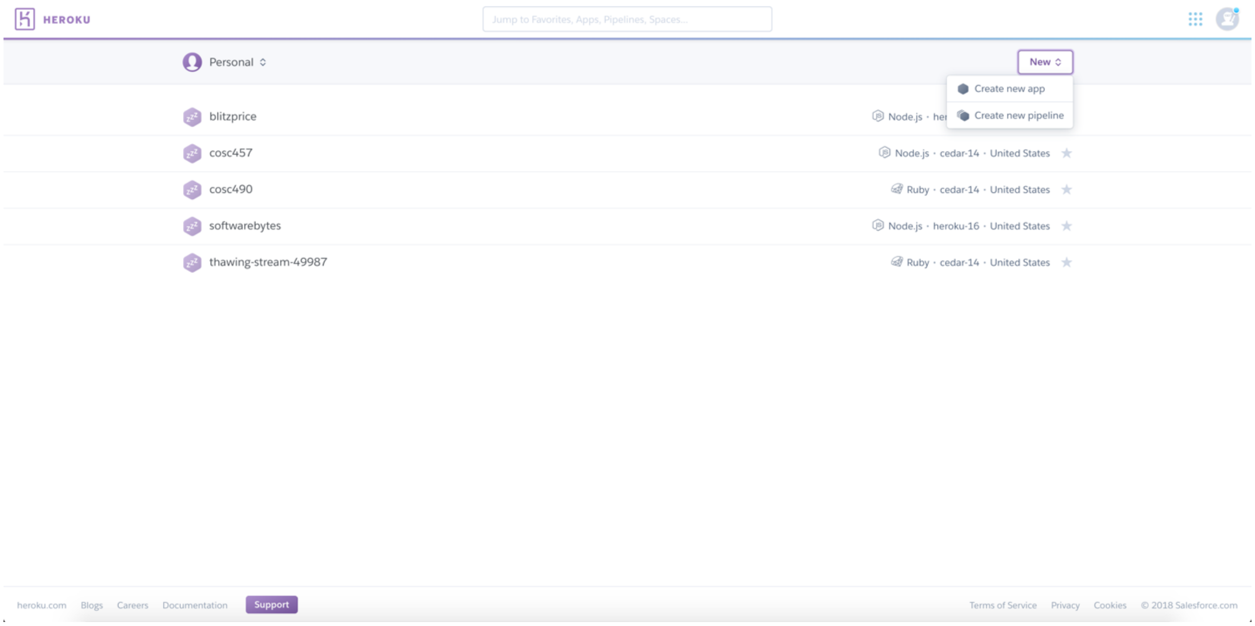
Cloud Deployments with Heroku

Heroku is an application Platform as a Service (PaaS) that provides a streamlined interface and toolchain on top of Amazon's cloud services. To get started with Heroku, you'll need to sign up for an account: https://signup.heroku.com/login

Step 1

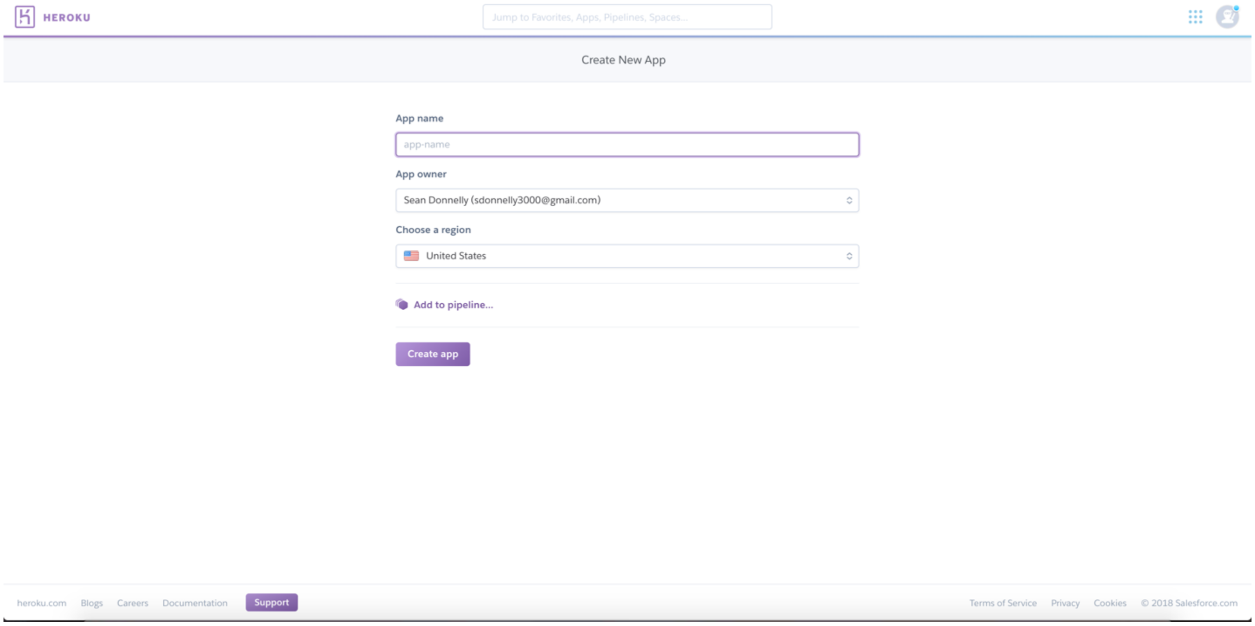
After logging into your account, select "Create new app" from the dropdown menu.



blitzprice	Node.js · her
cosc457	Node.js · cedar-14 · United States
cosc490	Ruby · cedar-14 · United States
softwarebytes	Node.js · heroku-16 · United States
thawing-stream-49987	Ruby · cedar-14 · United States

Step 2

Give your application a name (if you leave it blank, Heroku will auto-generate a name for you).



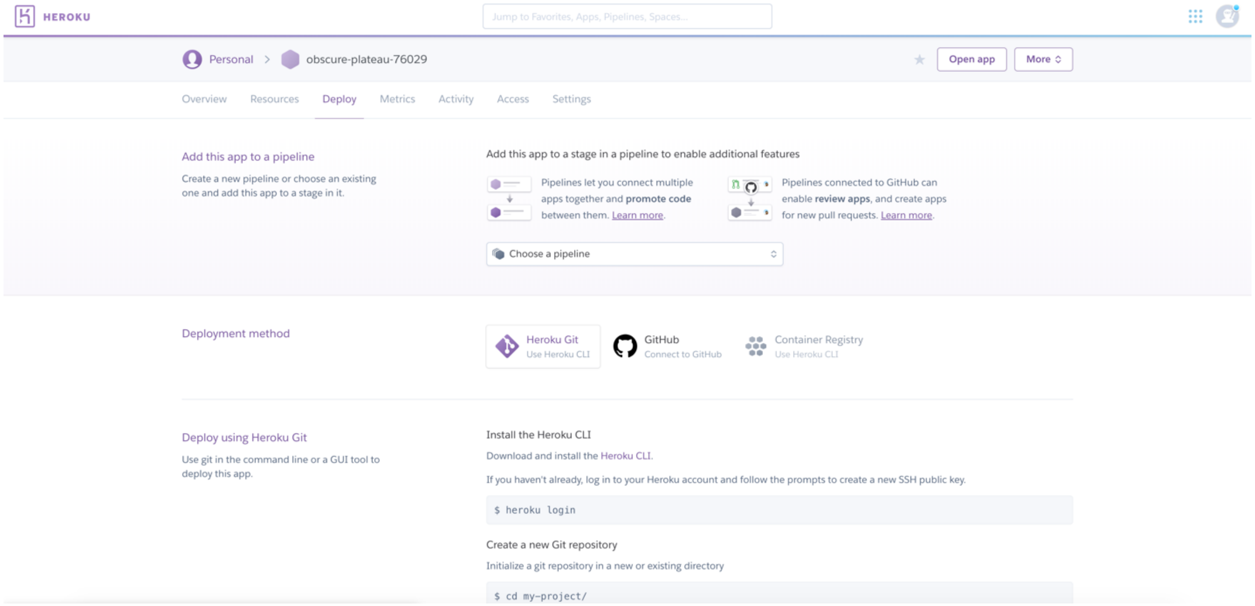
App name: app-name

App owner: Sean Donnelly (sdonnelly3000@gmail.com)

Choose a region: United States

Step 3

After creating your app, you'll be directed to the page shown below. Here we want to select GitHub as our "Deployment method" for our app. You'll have to authorize Heroku from your GitHub account at this point.



Add this app to a pipeline

Create a new pipeline or choose an existing one and add this app to a stage in it.

Add this app to a stage in a pipeline to enable additional features

Pipelines let you connect multiple apps together and **promote code** between them. Learn more.

Pipelines connected to GitHub can enable **review apps**, and create apps for new pull requests. Learn more.

Deployment method

Deploy using Heroku Git

Use git in the command line or a GUI tool to deploy this app.

Install the Heroku CLI

Download and install the Heroku CLI.

If you haven't already, log in to your Heroku account and follow the prompts to create a new SSH public key.

```
$ heroku login
```

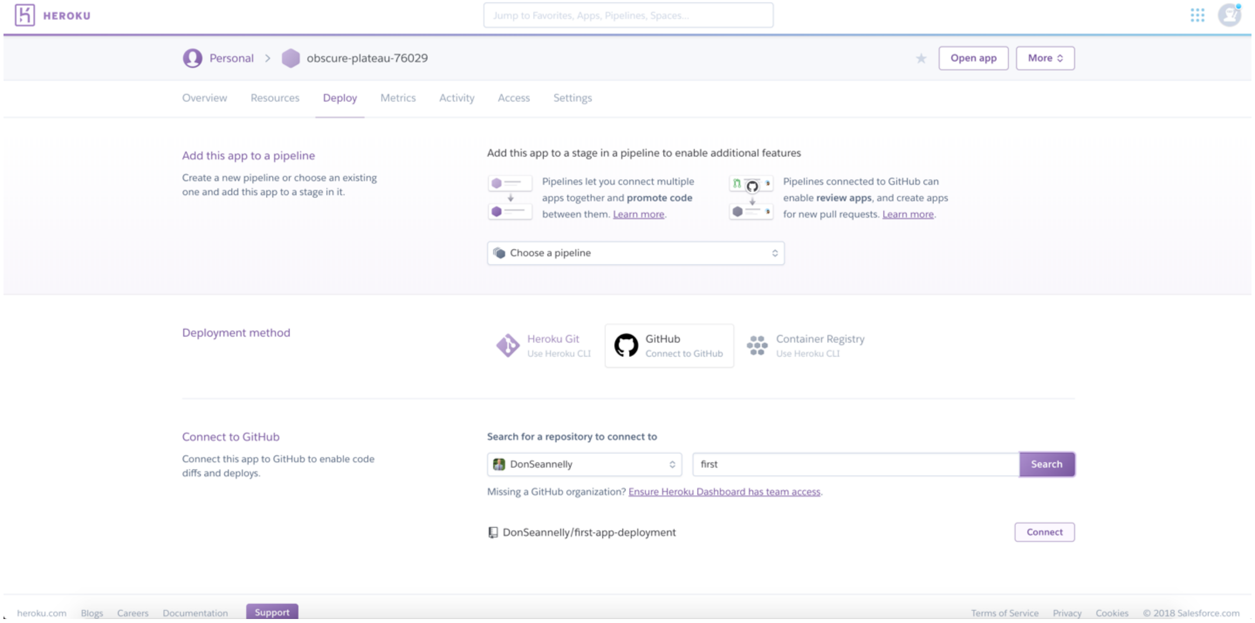
Create a new Git repository

Initialize a git repository in a new or existing directory

```
$ cd my-project/
```

Step 4

Once your accounts are connected, you'll be able to search for the git repository that you want to connect. Type in the name of the repository, click search, and then click the connect button.



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Deployment method

Connect to GitHub

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

Search for a repository to connect to

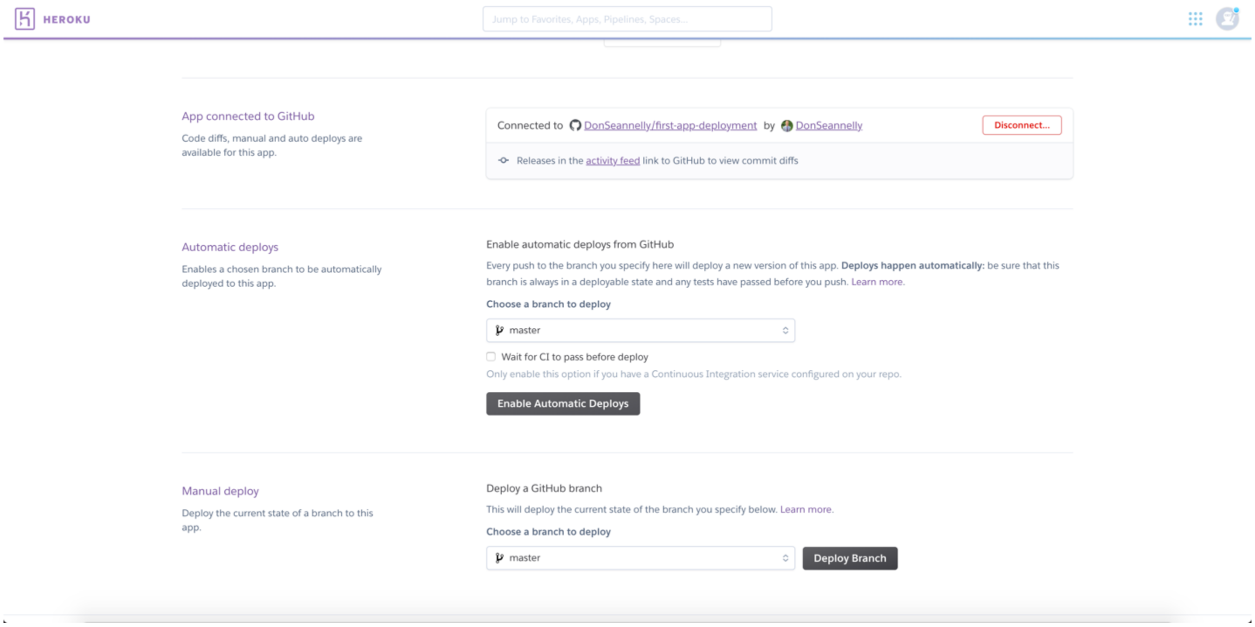
DonSeannelly | first

Missing a GitHub organization? Ensure Heroku Dashboard has team access.

DonSeannelly/first-app-deployment

Step 5

Now we need to configure deployments to our app on Heroku. In the “Automatic deploys” section, make sure that the master branch is selected, the “Wait for CI to pass before deploy” is not checked, and then click “Enable Automatic Deploys.”



App connected to GitHub

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

Connected to DonSeannelly/first-app-deployment by DonSeannelly

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.

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.

Manual deploy

Deploy the current state of a branch to this app.

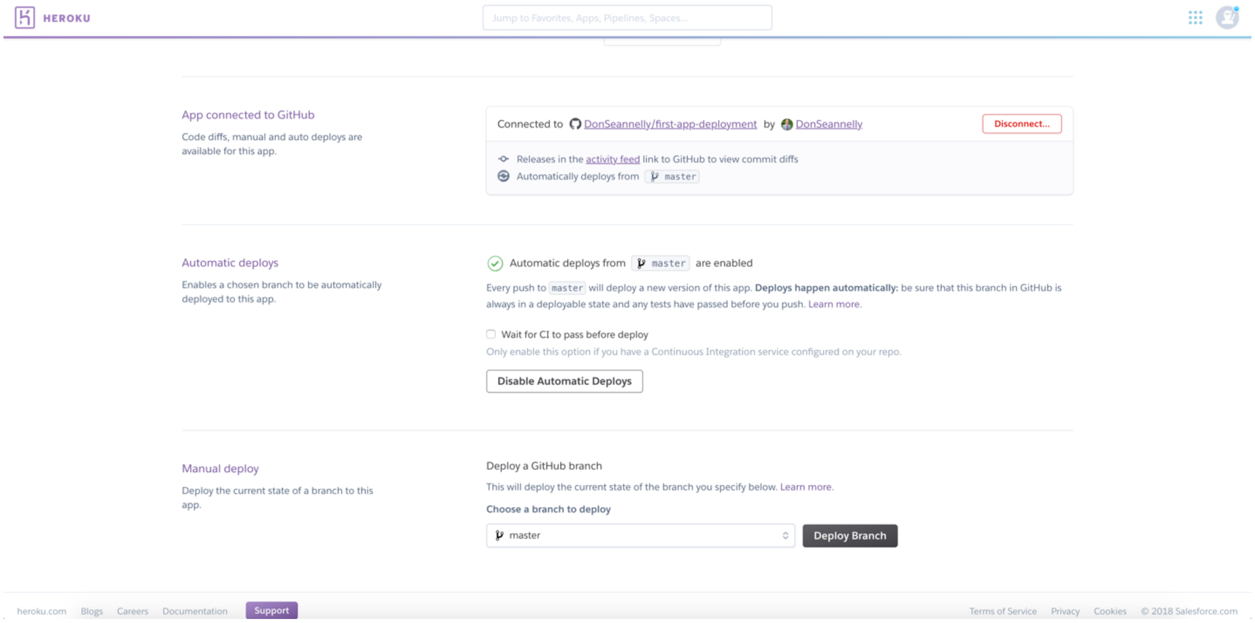
Deploy a GitHub branch

This will deploy the current state of the branch you specify below. Learn more.

Choose a branch to deploy

master

The resulting screen should look like this:



App connected to GitHub

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

Connected to DonSeannelly/first-app-deployment by DonSeannelly

Releases in the activity feed link to GitHub to view commit diffs

Automatically deploys from `master`

Automatic deploys

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

✓ Automatic deploys from `master` are enabled

Every push to `master` will deploy a new version of this app. **Deploys happen automatically:** be sure that this branch in GitHub is always in a deployable state and any tests have passed before you push. Learn more.

□ Wait for CI to pass before deploy

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

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

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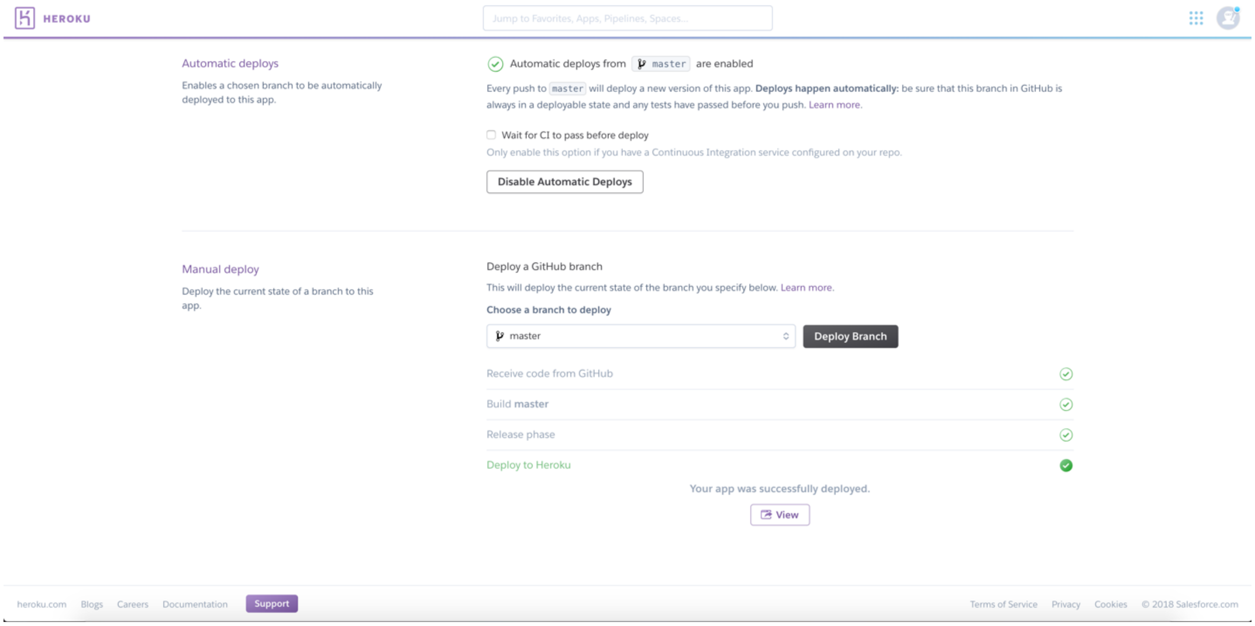
Step 6
Now it's time to make our first deployment! Since we already have code in our repository, we can go ahead and click the "Deploy Branch" button in the "Manual deploy" section. If the deployment is successful, you should see the screen below.

Alternatively, now that we have automatic deploys configured, any commit pushed to the master branch will also make a deployment. Pick whichever method you prefer!



Automatic deploys

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

✓ Automatic deploys from `master` are enabled

Every push to `master` will deploy a new version of this app. **Deploys happen automatically:** be sure that this branch in GitHub is always in a deployable state and any tests have passed before you push. Learn more.

□ Wait for CI to pass before deploy

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Manual deploy

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Deploy a GitHub branch

This will deploy the current state of the branch you specify below. Learn more.

Choose a branch to deploy

master

Receive code from GitHub ✓

Build **master** ✓

Release phase ✓

Deploy to Heroku ✓

Your app was successfully deployed.