

Deploying to Heroku

Getting ready

Heroku will install the dependencies defined in package.json, so you need to make sure that they include all the libraries that you are using

- 1) Navigate to the root of your node/express project and remove the `node_modules` directory
- 2) In your `package.json` under scripts add a new command, start

```
"scripts": {  
  "test": "echo \"Error: no test specified\" && exit 1",  
  "start": "node index.js"  
}
```

Note: index.js refers to the starting/entry point of your node application, make sure it matches with your project

- 3) Add a new file called app.json under your project

```
{  
  "name": "Start on Heroku: Node.js",  
  "description": "My express project",  
  "repository": "https://github.com/<your-user-name>/<your-repo-name>",  
  "logo": "https://cdn.rawgit.com/heroku/node-js-getting-started/master/public/node.svg",  
  "keywords": ["node", "express", "heroku"],  
  "image": "heroku/nodejs"  
}
```

The name/description/logo can be changed. The `repository` must point to your github repo

- 4) In the entry point for your app (assuming index.js), instead of hardcoding the port in the listen method, change to

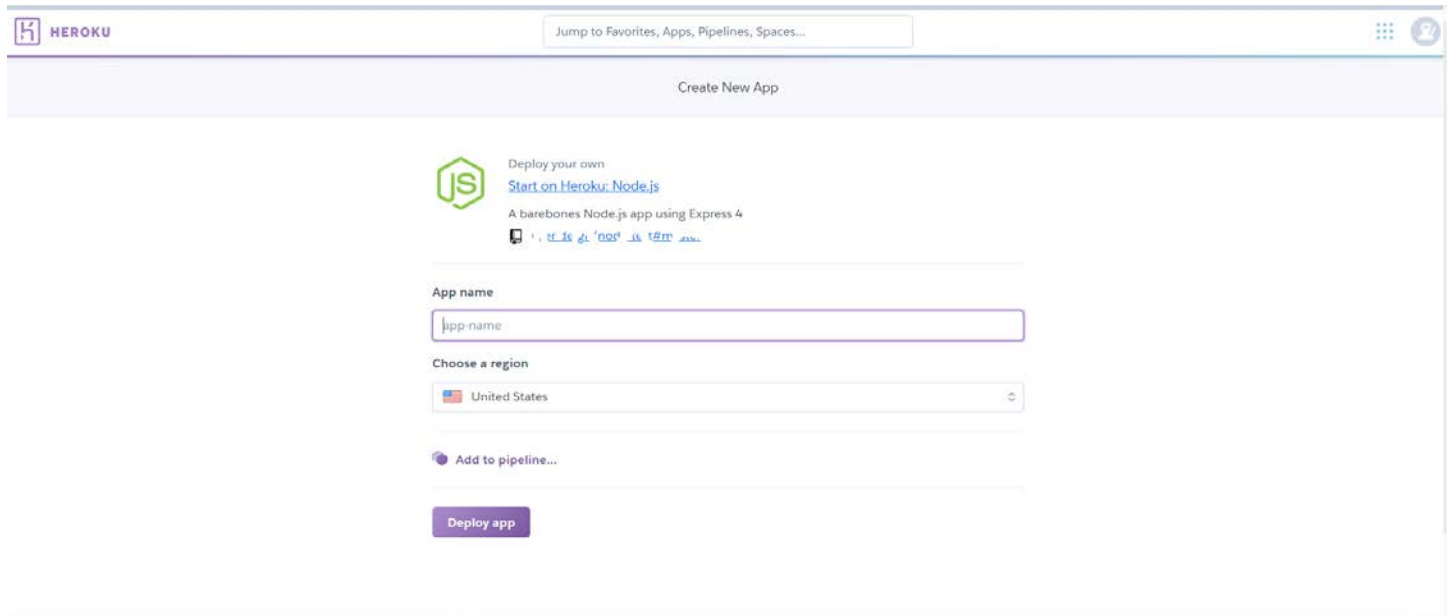
```
app.listen(process.env.PORT || 3000);
```

Now you can push these changes to your repo

Deploying

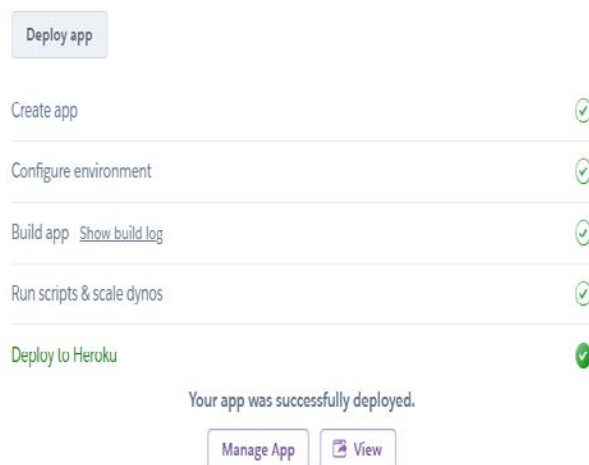
- 1) Start by creating a free account on [Heroku](https://heroku.com), make sure you choose `Node.js` as your development language
- 2) Once your account is created and verified, you can deploy your app by visiting the following link (of course, replace `<YOUR-USER-NAME>` / `<YOUR-REPOSITORY-NAME>` with your own):

```
https://heroku.com/deploy?template=https://github.com/<YOUR-USER-NAME>/<YOUR-REPOSITORY-NAME>
```



Give your app a name and click “Deploy app”

- 3) When the deployment finishes, you should see “Your app was successfully deployed.”

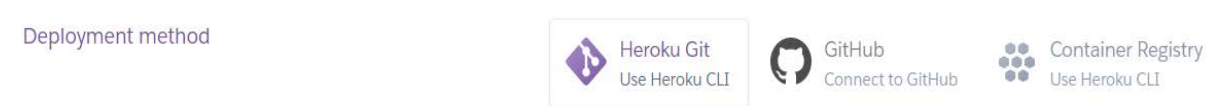


Click on View to launch your application

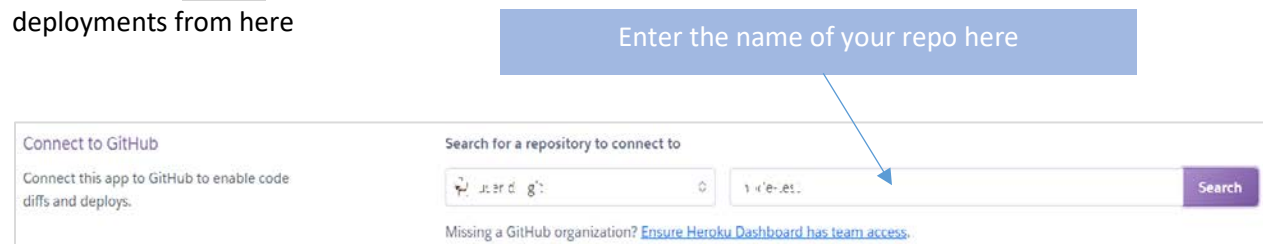
Moving forward for future deployments, click on Deploy



You have three different options



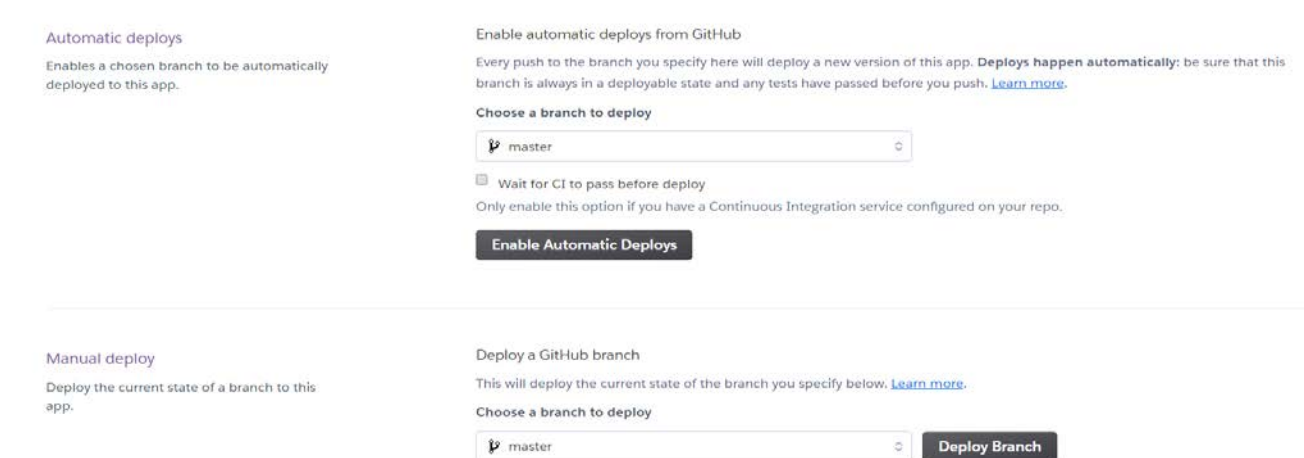
If you click on **GitHub** you can directly link your repo to your Heroku account and then manage future deployments from here



Click on search, your repo should appear and then click 'Connect'



You will then be given options for automatic or manual deploy, you can choose based on your preference



Other

<https://github.com/heroku/node-js-getting-started>

<https://devcenter.heroku.com/articles/getting-started-with-nodejs?singlepage=true#prepare-the-app>