Step 0: Preparing the site

Make sure your application's PORT is set to `process.env.PORT || 3000`. This makes sure Heroku can control the application's port number.

Make sure your `package.json` file includes a `"main"` directive and also includes all your required Node modules.

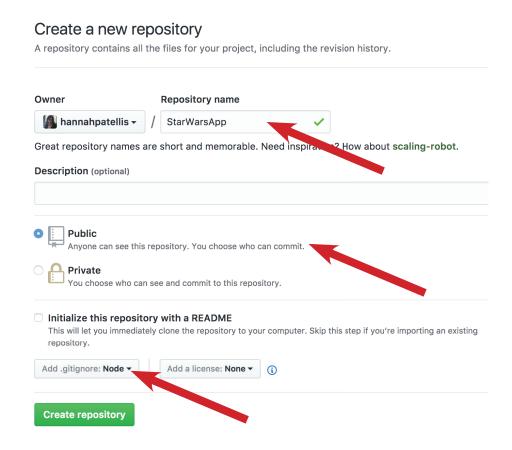Make sure your application runs locally before deploying it.

```json
{} package.json ●
1    {
2        "name": "starwars-express",
3        "version": "1.0.0",
4        "description": "",
5        "main": "server.js",
6        "dependencies": {
7            "body-parser": "^1.15.0",
8            "express": "^4.13.4"
9        },
10       "devDependencies": {},
```

The `"main"` directive indicates to Heroku which file is the "entrance" to your program.

`"dependencies"` indicate which packages/modules Heroku needs to install for your app to work. (Remember that dependencies are only listed if they were installed using `npm install --save`)

Step 1: Set up Github repo

Next we're going to make a GitHub repo that we will connect to Heroku. Think of this as the storage location for our app's files.

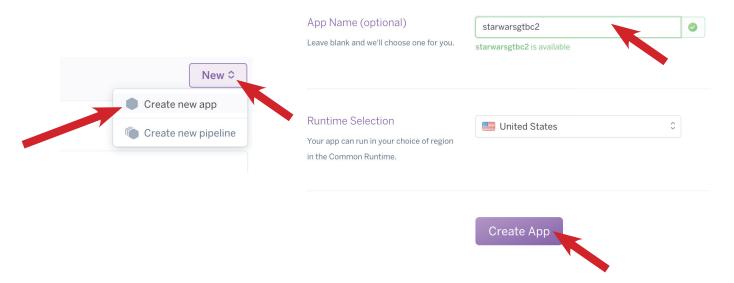Make a new public repo and make sure to add a Node .gitignore file.

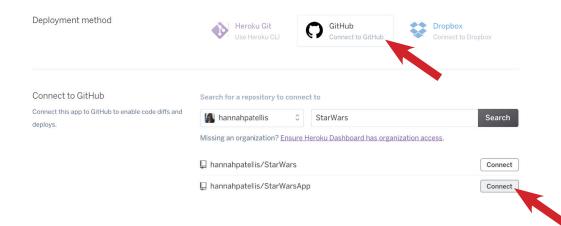
Then clone your new repo to your computer.
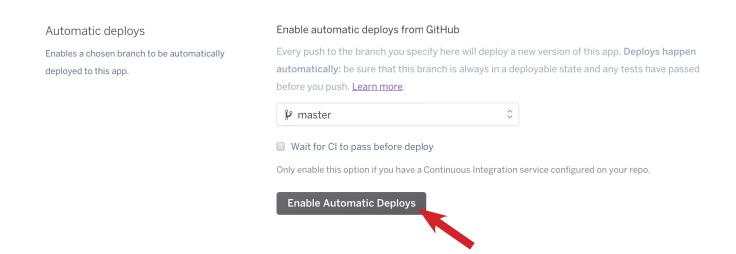
Step 2: Setting up your Heroku app

Go to heroku.com and create a new app. Give it a name and create it.

After creating your app, Heroku should open to the "Deploy" tab. Select "GitHub" as the deployment method and search for the GitHub repo you created in step 1 and connect it to your Heroku app.

After connecting your app to your repo, select "Enable Automatic Deploys." This will automatically deploy your app to Heroku every time you push to your master branch of your GitHub repo.

Step 3: Push to GitHub + deploy to Heroku

Copy your app into your GitHub repo folder you cloned in step 1 and the push to GitHub. By pushing to GitHub you will also automatically deploy to Heroku.

Once you've pushed, you can visit the "Overview" tab on your Heroku app. You can see Heroku building your app.

After a short period of time, you should see that the build was successful and that the application was deployed.

Click "Open App" in Heroku to visit your app. The URL will be the name of the Heroku app then herokuapp.com. For example, `starwarsgtbc2.herokuapp.com`