

Heroku Deployment (CLI)

- Sign in to Heroku
 - Type: **heroku login** and enter your account's credentials
 - If successful you should see the following message, "Logged in as <yourEmailAddress>"
- Couple key points
 - Heroku has its own git installation
 - You must maintain two git pushes
 - To this point, we have been using **git push -u origin master**, which pushes our code to GitHub.
 - Now that we have Heroku's CLI installed, a second push is required to Heroku (**git push heroku master**)
- Create an app on Heroku, which prepares Heroku to receive your source code
 - From the applications working directory (**api-gateway**)
 - Type: **heroku create**
 - Note: you will see a random name generated for your application, write it down as will we be renaming it

```
rkrasso@ubuntu:~/bu-webdev/web-420-code-snippets/week-9/api-gateway-wk9$ heroku create
Creating app... done, ⬢ enigmatic-mesa-73668
https://enigmatic-mesa-73668.herokuapp.com/ | https://git.heroku.com/enigmatic-mesa-73668.git
```

- Rename your application
 - Type: **heroku apps:rename <yourLastName>-api-gateway --app <random-app-name>**

```
rkrasso@ubuntu:~/bu-webdev/web-420-code-snippets/week-9/api-gateway-wk9$ heroku apps:rename krasso-api-gateway --app enigmatic-mesa-73668
Renaming enigmatic-mesa-73668 to krasso-api-gateway... done
https://krasso-api-gateway.herokuapp.com/ | https://git.heroku.com/krasso-api-gateway.git
▶ Don't forget to update git remotes for all other local checkouts of the app.
rkrasso@ubuntu:~/bu-webdev/web-420-code-snippets/week-9/api-gateway-wk9$
```

- Create a new Git Repository
 - Type: **git init**
 - Type: **heroku git:remote -a <yourLastName>-api-gateway**

```
rkrasso@ubuntu:~/bu-webdev/web-420-code-snippets/week-9/api-gateway-wk9$ heroku  
git:remote -a krasso-api-gateway  
set git remote heroku to https://git.heroku.com/krasso-api-gateway.git  
rkrasso@ubuntu:~/bu-webdev/web-420-code-snippets/week-9/api-gateway-wk9$
```

- Deploy your application
 - Type: **git add .**
 - Type: **git commit -am "Initial Deployment"**
 - Type: **git push heroku master**
- Ensure at least one instance of the application is running
 - Type: **heroku ps:scale web=1**
- Run the application
 - Type: **heroku open**
- If successful, you should see the application open in a new web browser
 - URL – <https://<yourLastName>-api-gateway.herokuapp.com>
- Logout of Heroku
 - **heroku logout**

Heroku requires its own git repository. This means you must manage two repositories, one for Heroku and one for GitHub. To manage Heroku's repository, login to the CLI. To manage GitHub's repository, logout of Heroku's CLI.