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Deploy Rails to Heroku

Guide for putting your Rails app online with Heroku.



Background

After developing a Rails app locally, the next step is to put it online. After developing a Rails app and previewing it locally on your computer, the next step is to put it online so others can see it. This is called deploying your app.

Heroku is a popular hosting service that is free to start using. Here's how to deploy your Rails app to Heroku.

Instructions

1. Create a [new Heroku account](#).
2. Install the [Heroku Toolbelt](#) on your computer. The Heroku Toolbelt is installed by default in new Codecademy workspaces.
3. In the terminal, log in using the email address and password you used when creating your Heroku account:

```
$ heroku login
```

4. In **Gemfile**, add the pg gem to your Rails project. Change:

```
gem sqlite
```

to

```
gem 'sqlite3', group: :development  
gem 'pg', '0.18.1', group: :production
```

5. In **Gemfile**, add the rails_12factor gem::

```
gem 'rails_12factor', group: :production
```

6. In the terminal, install the gems specified in the **Gemfile**:

```
$ bundle install
```

7. Ensure **config/database.yml** is using the postgresql adapter. Change:

```
production:
  <<: *default
  database: db/production.sqlite3
```

to

```
production:
  <<: *default
  adapter: postgresql
  database: db/production.sqlite3
```

8. Commit your changes to git:

```
$ git add .
$ git commit -m "Heroku config"
```

9. In the terminal, create an app on Heroku:

```
$ heroku create
```

10. Push your code to Heroku:

```
$ git push heroku master
```

11. If you are using the database in your application, migrate the database by running:

```
$ heroku run rake db:migrate
```

12. If you need to seed your database with data, run:

```
$ heroku run rake db:seed
```

13. Get the URL of your app and visit it in the browser:

```
$ heroku apps:info
```

In the output, copy the address in the **Web URL** field. Open a new tab in your browser, and visit your app.

Check out [Heroku's Rails docs](#) for more information.



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