🔔   Menu   👤

Unit 3 / Lesson 3

Flask Crash Course

🕐 Estimated Time: **5-6 hours**

In this lesson, you're going to learn the basics of building dynamic web applications in Python. First, you'll learn about the basic concepts that power dynamic web applications, including the `HTTP` protocol, URLs and DNS. Next, you'll learn how to use the Flask web application framework to structure a basic "Hello World" web app. You'll also learn how the concepts you learned earlier are used in practice by the Flask framework. Finally, you'll learn how to deploy this basic web application to the web using the Heroku Platform-as-a-Service.

Goals

- Be able to explain the `HTTP` protocol and how it standardizes communication across the web.

- Be able to describe what a DNS server does.

- Understand the difference between a static web application and a dynamic web application.

- Create a basic Flask app from scratch.

- Be able to describe how Flask 'routes' a URL to a server action.

- Deploy a Flask application on Heroku to make it accessible to anyone on the internet.

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Previous

Next