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Unit 3 / Lesson 5

## **Testing Blogful**

(S) Estimated Time: 7-8 hours

In this lesson, you'll learn the basics of unit testing a Flask application. You'll learn how to test your code in lots of different contexts, on a small, individual scale with unit tests, on a component-level scale with integration tests, and on an application-level scale with acceptance tests.



You'll practice creating your own tests to verify the correctness of your code. Also, you'll learn how to use several important testing tools, including Splinter, Travis CI, and PhantomJS.

## Goals

- Understand unit tests, integration tests, and acceptance tests. Know when they are appropriate to use.
- Write useful tests in all three categories
- Use Splinter and PhantomJS to automate acceptance testing
- Incorporate TravisCI into your codebase to automate your testing

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