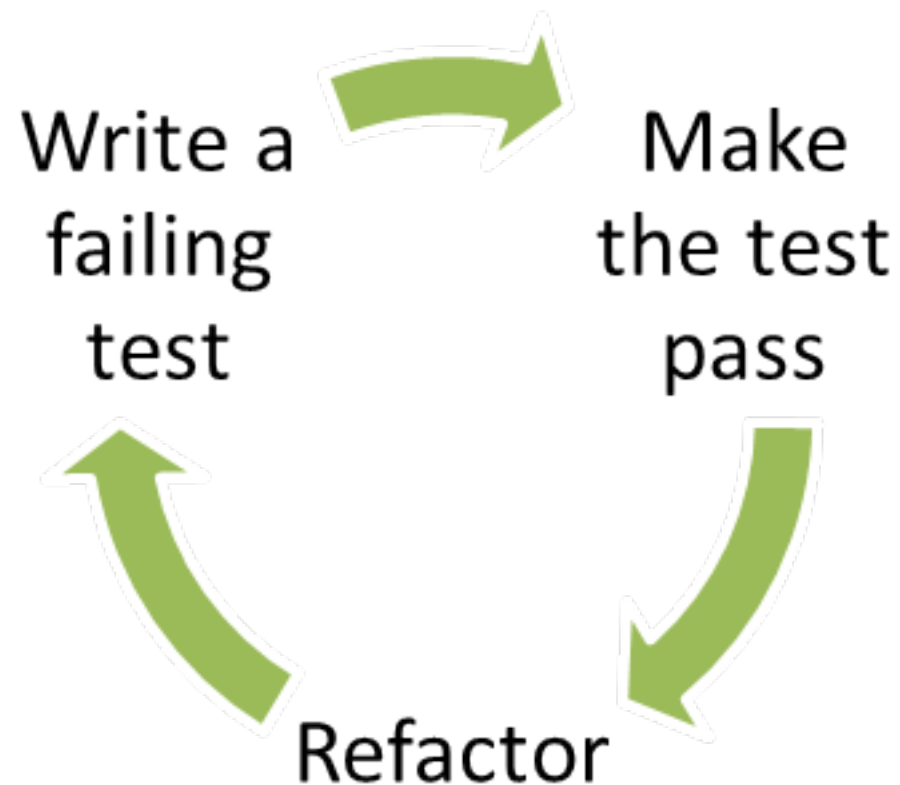


SPA- Testing

TDD

TDD? The best way to make code testable is to start by writing the tests first

TDD



TDD is a set of rules for writing code:

you write a failing test (red), then add just enough code to make it pass (green) and finally refactor where necessary (refactor).

Why write tests?

Writing tests before you write code influences how you think about the public interface of your modules and their coupling

It provides a safety net for performing refactoring and it documents the expected behavior of the system.

Test frameworks

Use any test framework/runner except Jasmine, which is terrible for asynchronous testing due to the amount of boilerplate code it requires.

Test Frameworks

Test runners basically use one of different styles for specifying tests:

BDD: `describe(foo) .. before() .. it()`

TDD: `suite(foo) .. setup() .. test(bar)`

I like Mocha, which has a lot of awesome features