Testing Aftewards

Nathan Taylor http://taylonr.com @taylonr







Issues With Testing After

What it's supposed to do vs
What it's doing

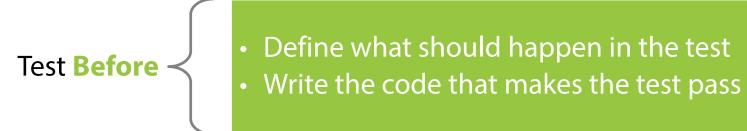
Does the test work?

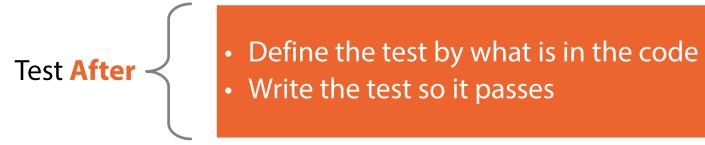
How do I test that?

What It's Supposed To Do vs What It Does



When You Test Matters





Does The Test Work?



Failing a Test Is Important



- Test fails, because code isn't written yet
 Once the test passes, we know the code AND the test work

- Test passes first
 Does not confirm if test is working or not

How Do I Test That?



Test When Needed



Test Before Code is not written until the test already exists

- Code is written without thinking about testing
 Can be hard to simulate specific errors

Refactoring?



Effects of Refactoring

Able to clean up code with **refactoring** as our 3rd step of TDD

Refactoring in Test
After often leads to
broken tests

Broken Tests lead to not refactoring or not writing tests



Recap

- Writing tests after suffers from 3 ailments
 - Supposed To vs Does
 - Is the test working?
 - □ Unsure **HOW** to test
- Testing after reduces refactoring
- Refactoring was how we cleaned up our code in the first two modules