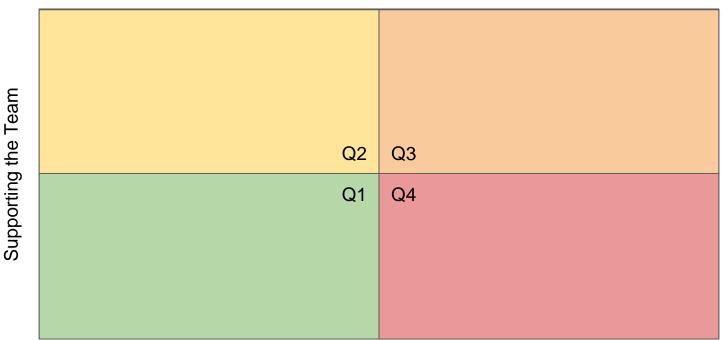
Why test?

- Maintainability
 Refactor & find errors
- Extensibility
 Create new features
- Documentation
 Tests represent expected behavior
- Code Design
 Less YAGNI code
- ...

What is a test?

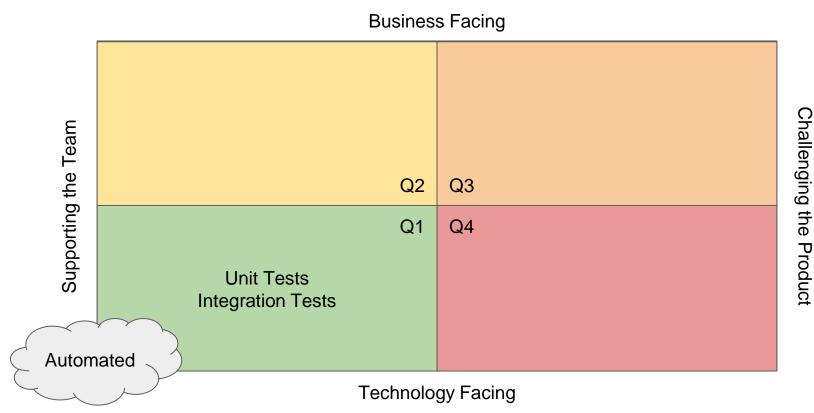
```
const actual = functionUnderTest();
const expected = 'Result of function';
expect(actual).toBe(expected);
```

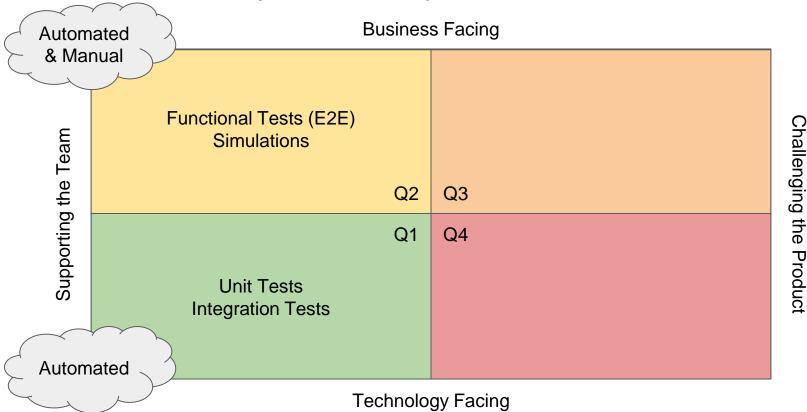




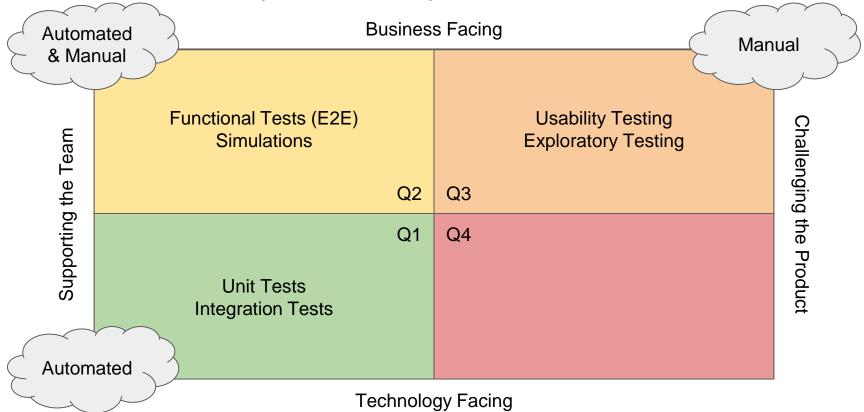
Technology Facing

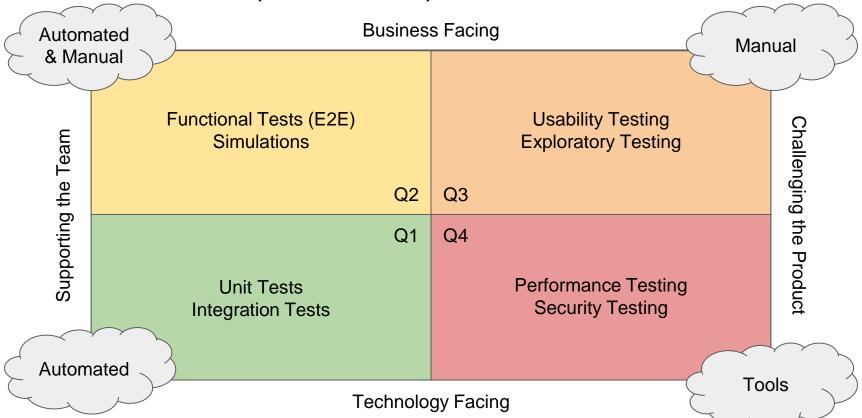
Challenging the Product

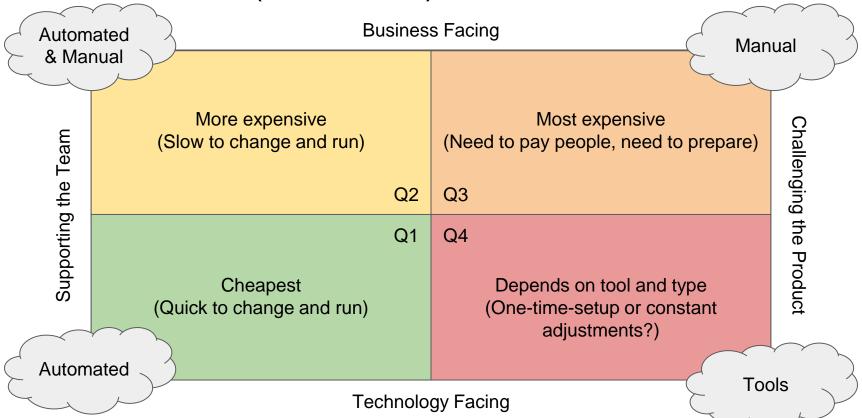


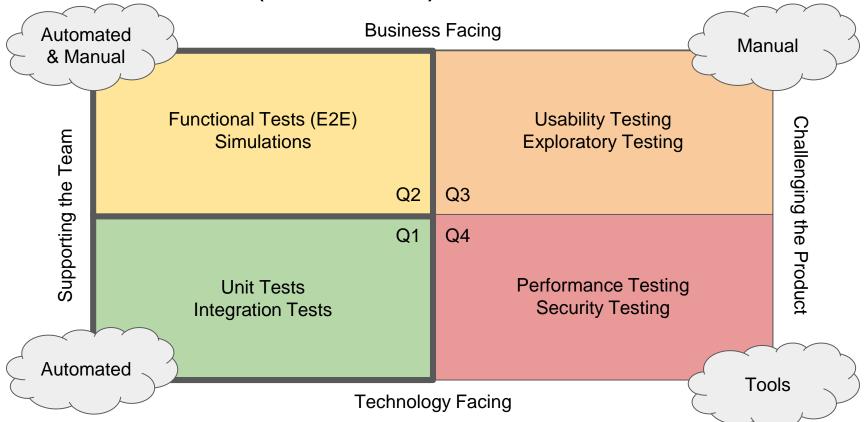


<u>-</u>







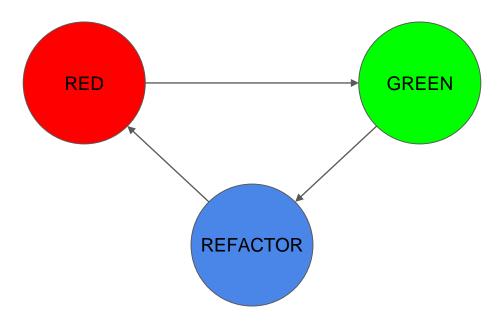


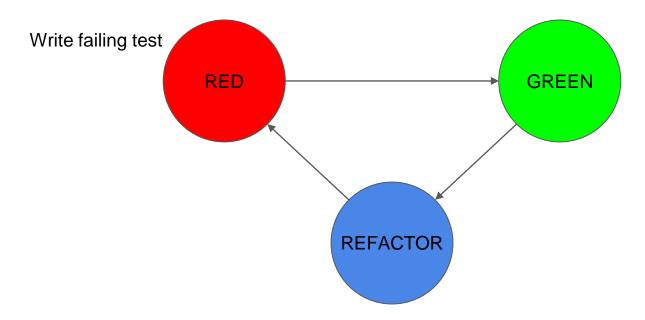
What is a unit test?

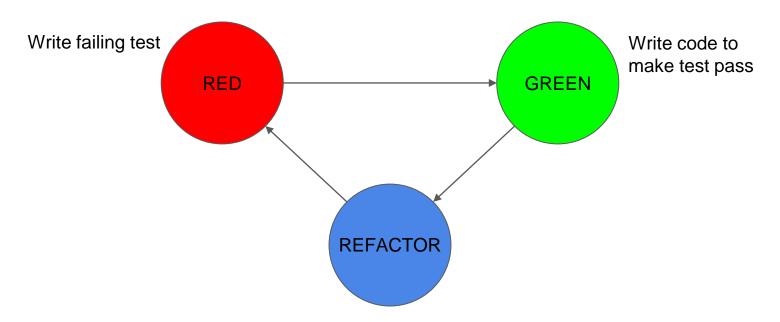
Unit tests are typically automated tests written and run by software developers to ensure that a section of an application (known as the "unit") meets its design and behaves as intended. (Wikipedia: Unit testing)

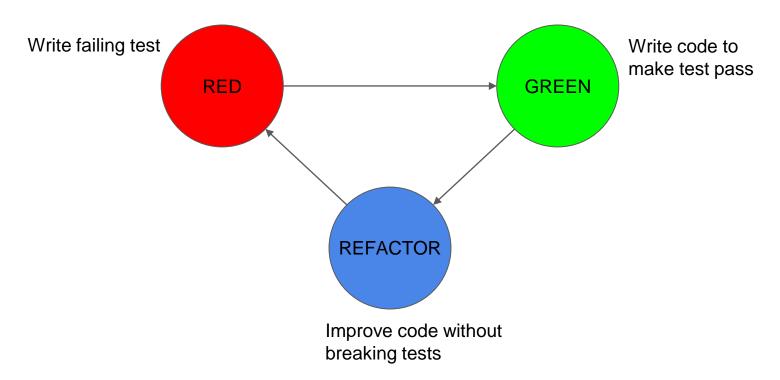
Mocking

- Complex dependencies with other modules make testing harder
- Fake return values ("Mock") to test behavior under certain conditions
- Tests with mocking can be baseline for integration tests

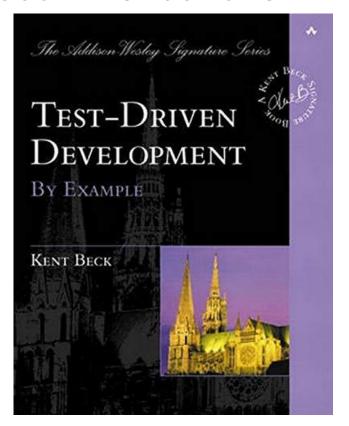


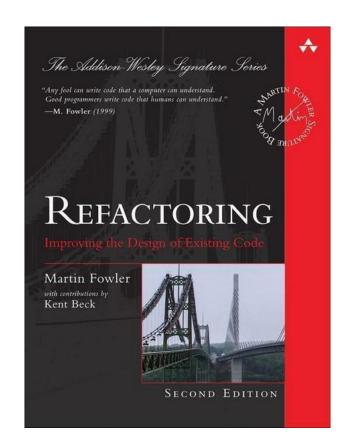






Recommendations





Questions & Feedback