Getting Started Unit Testing with JUnit 5

WRITING YOUR FIRST TEST

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Module Overview

Benefits of unit testing

Configure your IDE for JUnit 5

Write your first test with JUnit 5

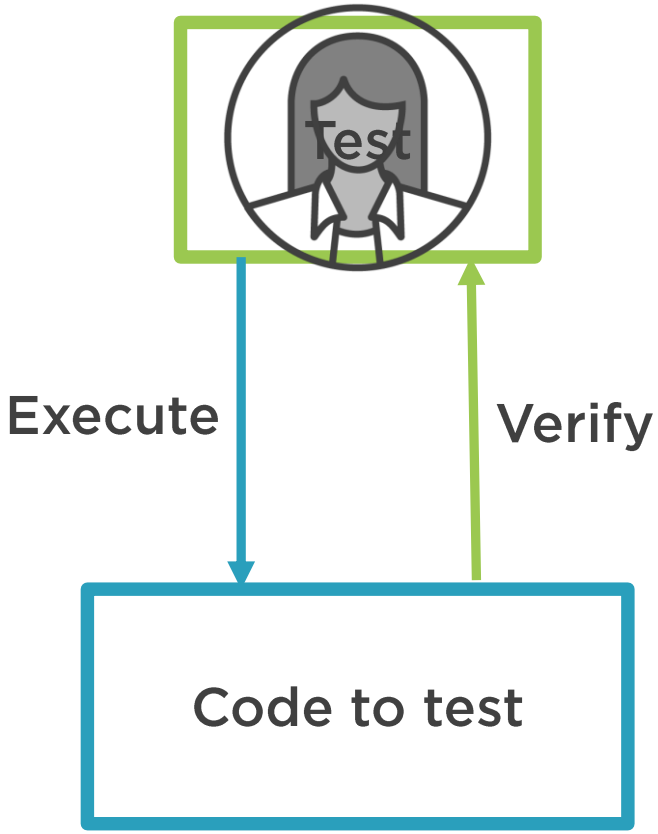
Test is just code

Executes target code

Class, method, or function

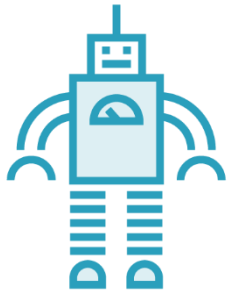
Check to see if the results are correct

Done manually before test libraries appeared



Benefits of Unit Testing

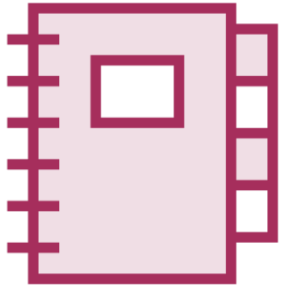
Quick feedback



Automated regression checking

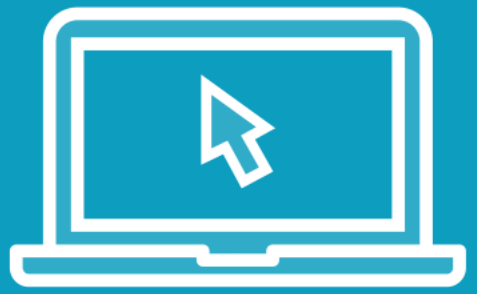
Design aid

Improves confidence



Documentation

Demo



Setting up JUnit 5 in an IDE

- IntelliJ, Eclipse
- Post questions for others
- Maven

Patient Intake System

Schedule appointments

Collect patient information

Send appointment notifications

Demo

Writing your first test

Demo

Executing your test and interpreting results

Module Summary

Have JUnit working with your IDE

Wrote your first test to confirm a new appointment

Understand how to interpret results from JUnit