TDD WITH SPRING BOOT

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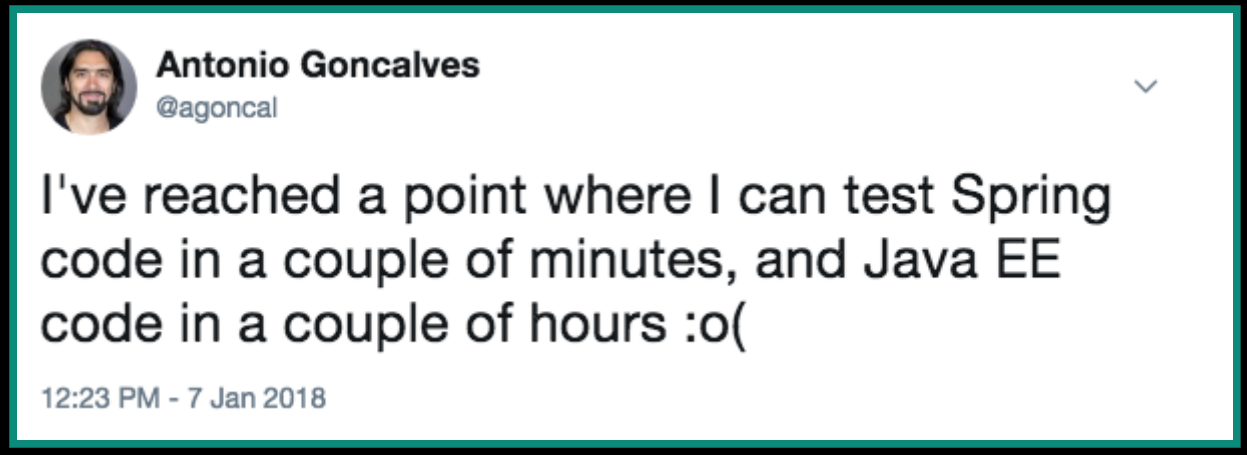
- github.com/enolive/spring-tdd

SPRING BOOT HAS 1ST CLASS TEST SUPPORT

- All features testable
- no need for 3rd party libraries and tools

WHAT ABOUT JEE?



Link to Blog Post

HOW TO DO IT?

- Add maven dependency `spring-boot-starter-test`
- Annotate your tests with `@SpringBootTest`
- Run with `SpringRunner.class` (if you are still on JUnit4)

Java

```java
@RunWith(SpringRunner.class)
@SpringBootTest
public class MyServiceTests {
    @Autowired
    private MyService service;

    @Test
    public void serviceShouldWork() {
        assertThat(service.sayHello()).isEqualTo("Hello, World!");
    }
}
```

SPRING BOOT TEST STARTER COMES WITH

- JUnit4
- AssertJ
- Mockito
- Test Utilities
- JSONassert
- ...

SCOPE OF THIS TALK

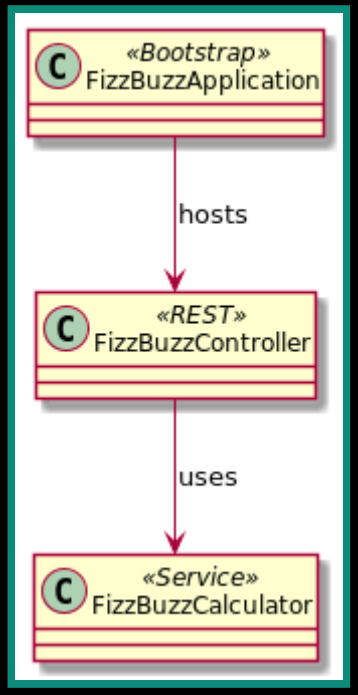
- Live Coding
- Spring Boot Project from scratch
- Fizz-Buzz
- TDD micro-cycle
- Java with Maven+JUnit+Lombok

OUT OF SCOPE

Hipster stuff 😉

Kotlin
Gradle
Groovy
Spock
VAVR
WebFlux
Monads
Applicatives
Validation
Either
Reactive
Web
JSON
JPA
JDBC
Mongo
Redis
Neo4j
Cloud
Connectors
Spring Boot
Profiles
Configuration

STRUCTURE OF THE APP



LET'S START ...

FOR JOINING ME!

- Spring Boot Testing
- My Screen Cast on this topic