

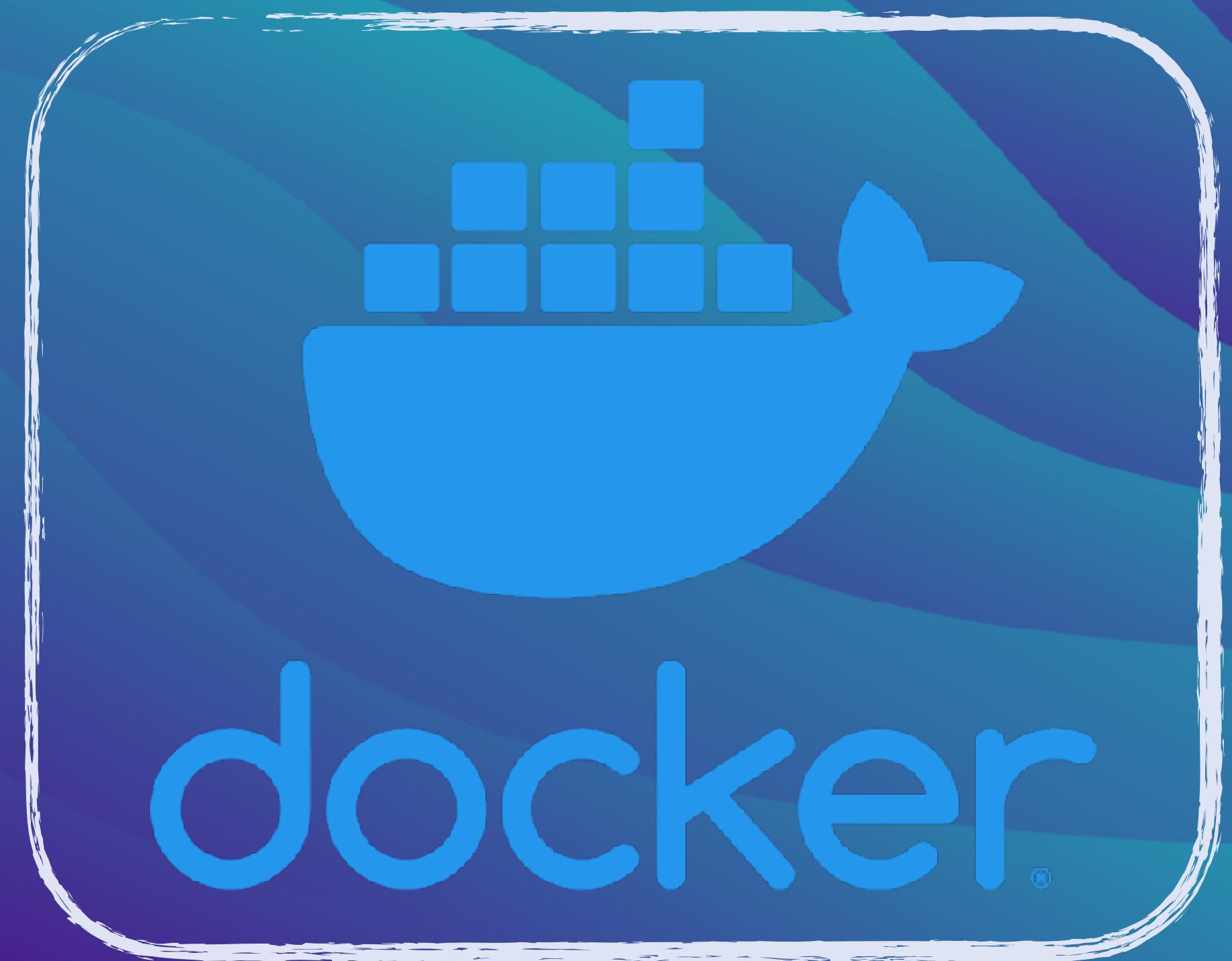
About the best development tooling in the world

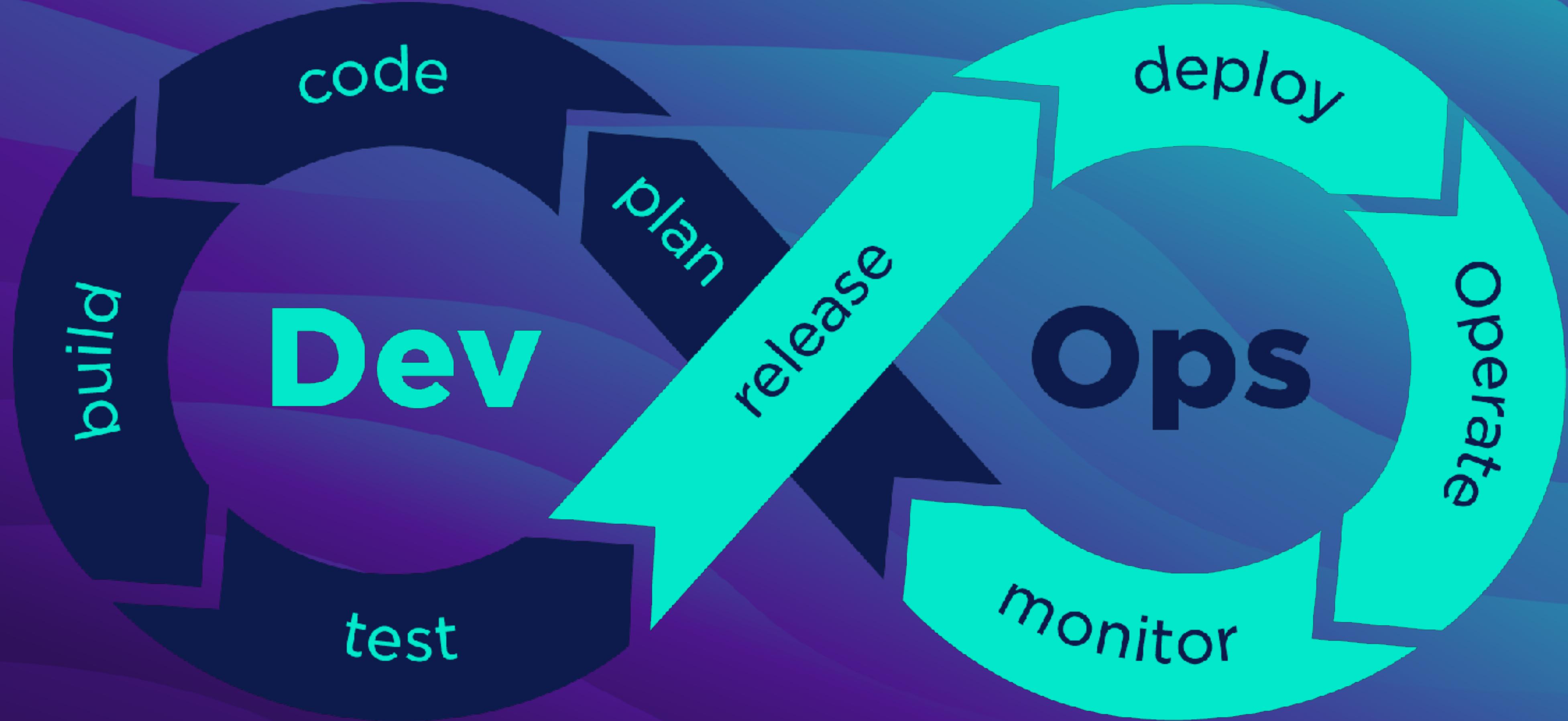
Oleg Šelajev
@shelajev



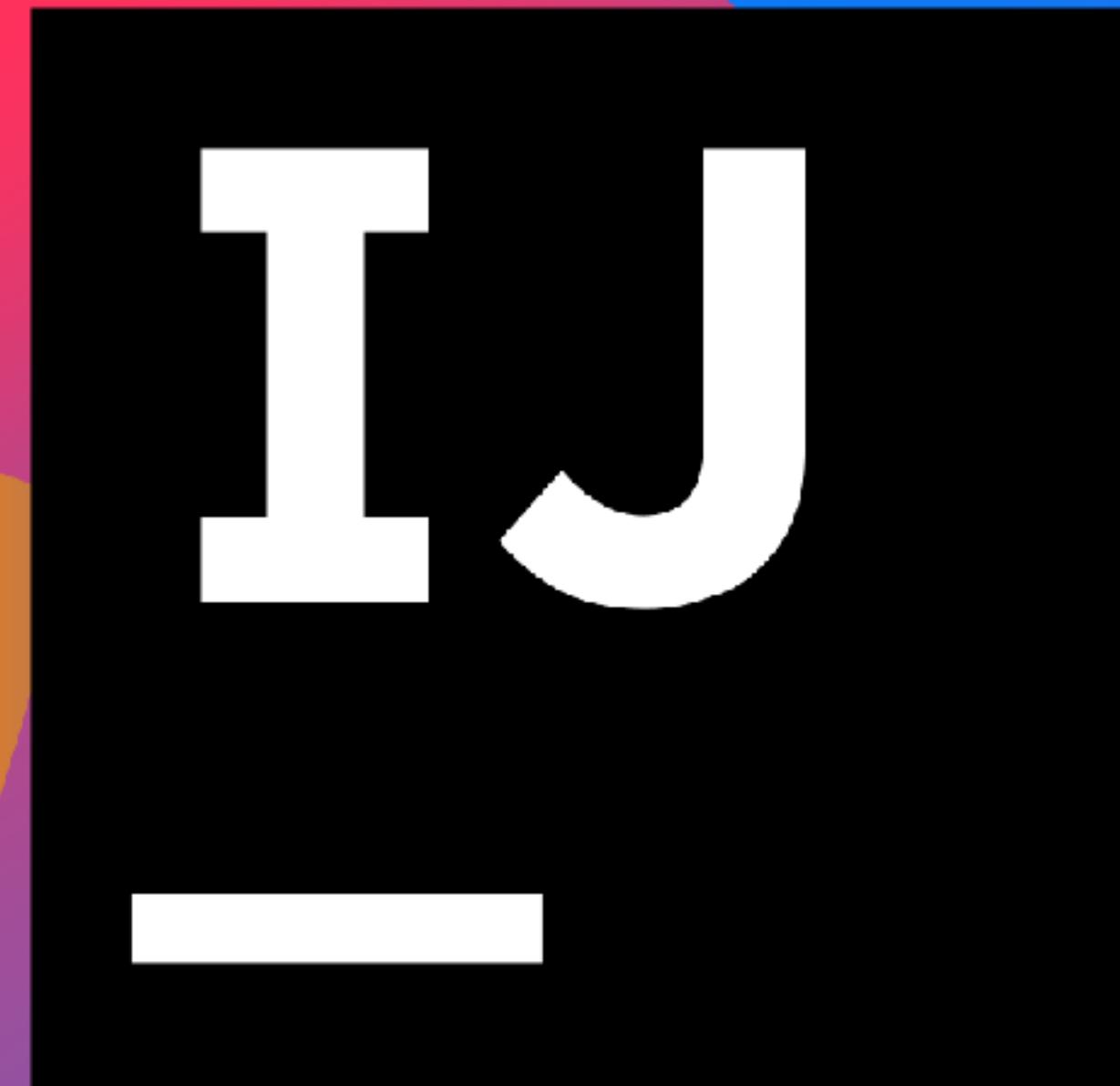
Oleg Šelajev
Developer advocate







CODE





Testcontainers Cloud BY ATOMICJAR

BY ATOMICJAR

Go to testcontainers.cloud and start testing!

Local development environment with SpringBoot 3.1

```
@TestConfiguration(proxyBeanMethods = false)
public class MyContainersConfiguration {

    @Bean
    @ServiceConnection
    public Neo4jContainer<?> neo4jContainer() {
        return new Neo4jContainer<>("neo4j:5");
    }

}

public class TestMyApplication {

    public static void main(String[] args) {
        SpringApplication.from(MyApplication::main).with(MyContainersConfiguration.class).run(args);
    }

}
```



TEST

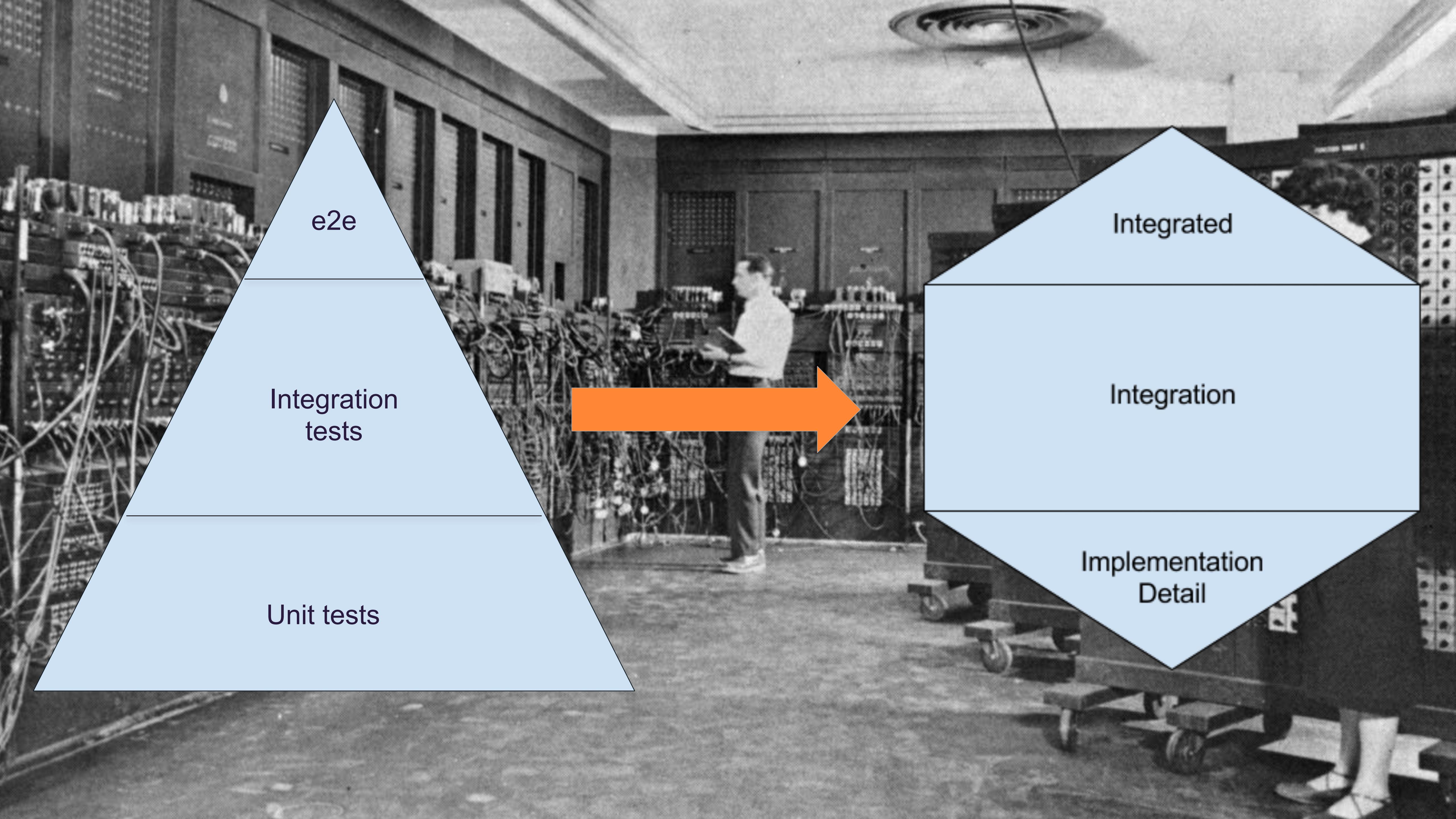
Testing Dorito

Tests I Plan to write

Tests I Start writing

Tests I delete
Because I decide
they are stupid
and take more
time then
they are
worth

Tests



e2e

Integration
tests

Unit tests

Integrated

Integration

Implementation
Detail

Why are Testcontainers - 🏆🏆🏆

- Flexible lifecycle API: isolation vs convenience
- Capable of abstractions
 - modules
- Waiting strategies
- Complex network topologies
- Randomized ports mapping
- Everything is dynamic allowing parallelisation
- Self-contained tests: feels like a unit, reliable like integration

RELEASE

Resources



- testcontainers.com



- testcontainers.cloud



- slack.testcontainers.org