Getting Started with TestNG

INTRODUCTION

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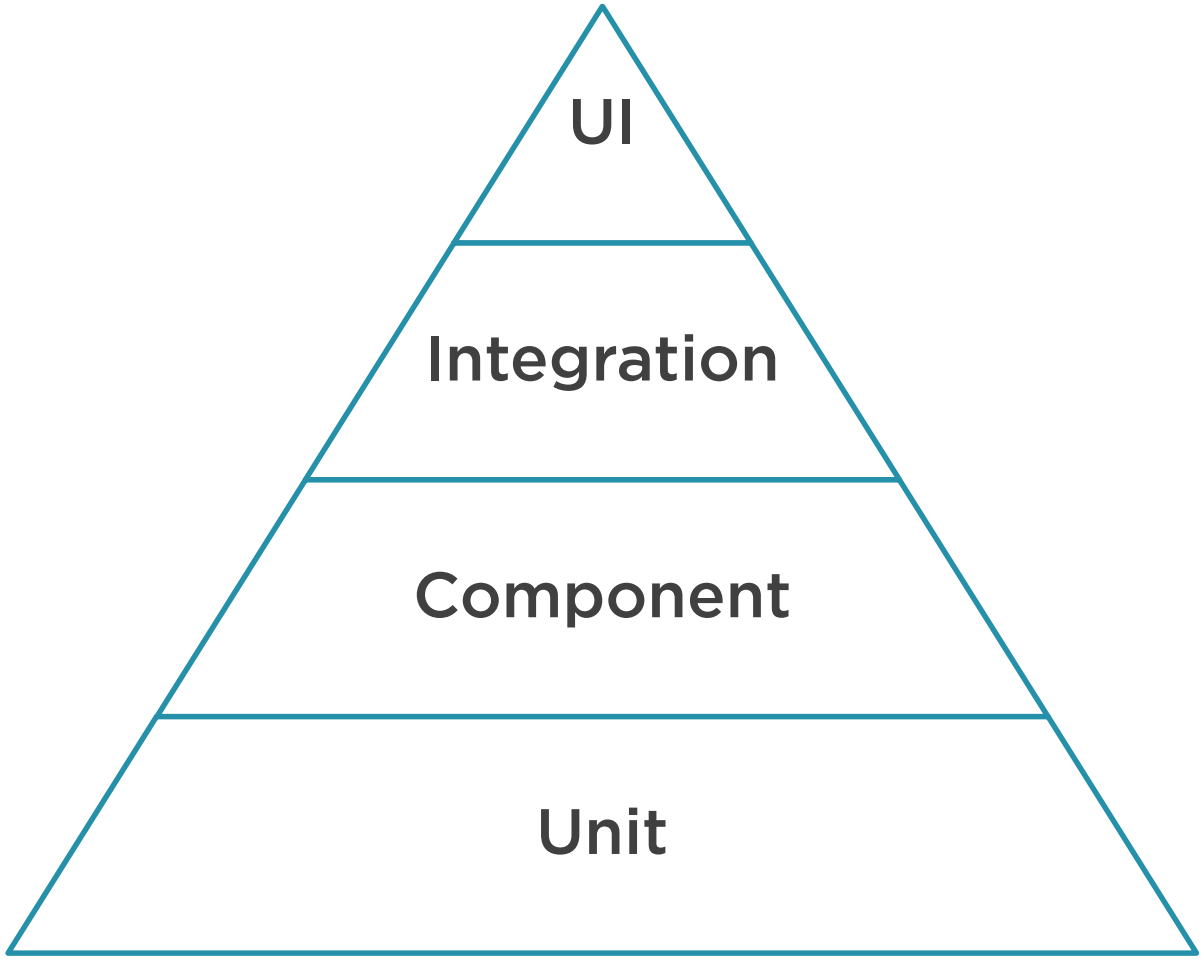
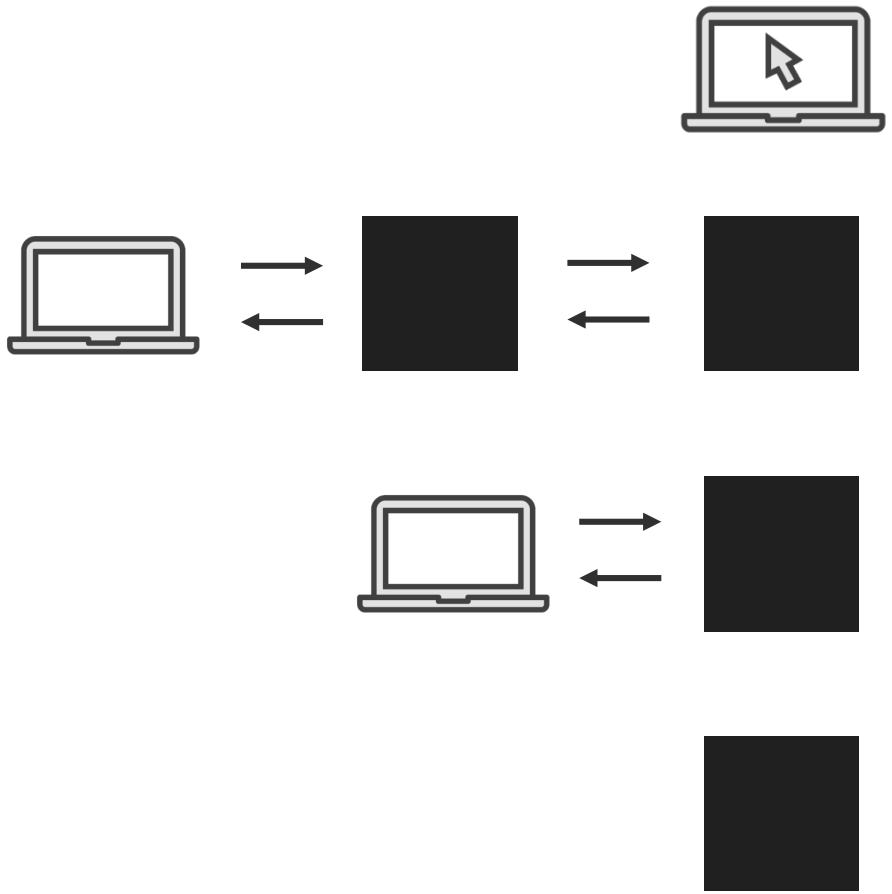
TEST AUTOMATION ENGINEER


UI
Integration
Component
Unit



TestNG

TestNG is a ~~unit~~ testing framework

"TestNG is designed to cover all categories of tests: unit, functional, end-to-end, integration, etc..."

Cédric Beust

Make a function call

Write to a DB

Send HTTP Requests

Spin up a Browser

Developer

Automation Engineer

Assert

verifyNotNull()

verifyEqual()

verifyTrue()

Exceptions & Timeout?

Group & Priority?

Reports?

TestNG

Popular

- 5,800 questions on StackOverflow
- 1,000+ stars on GitHub

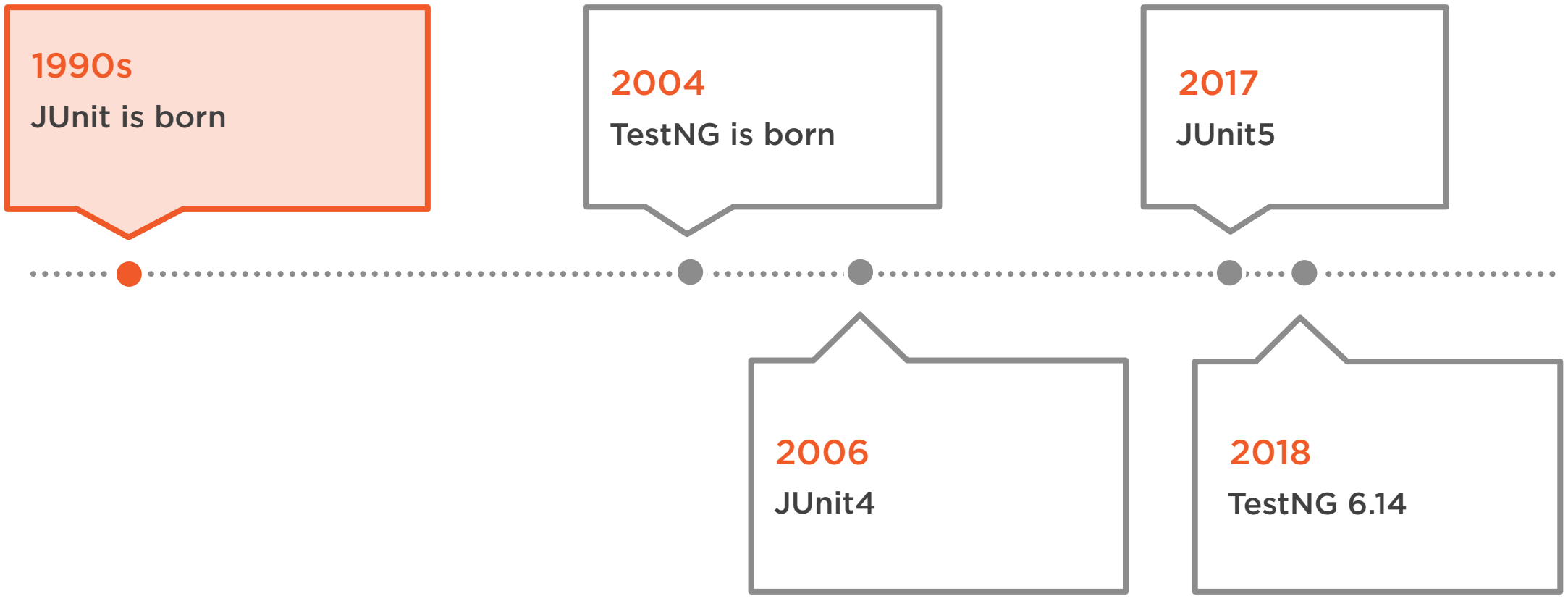
Open Source

- Apache 2.0 license

Well-maintained

Rich Functionality

JUnit vs. TestNG



Overview

Annotations and assertions

Annotation fields

DataProviders

Test grouping and organization

Prerequisites

Java

IDE