Writing Efficient and Effective Test Automation Code

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```
@BeforeMethod
void setup() {

   RestAssured.baseUri = “some/url”
   RestAssured.responseSpecification = getSpec();

}
```

DRY

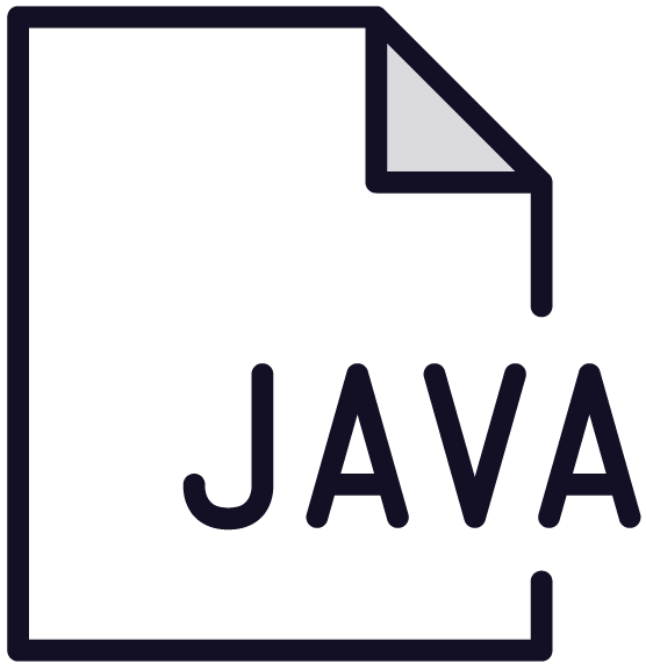
Overview

Leverage inheritance

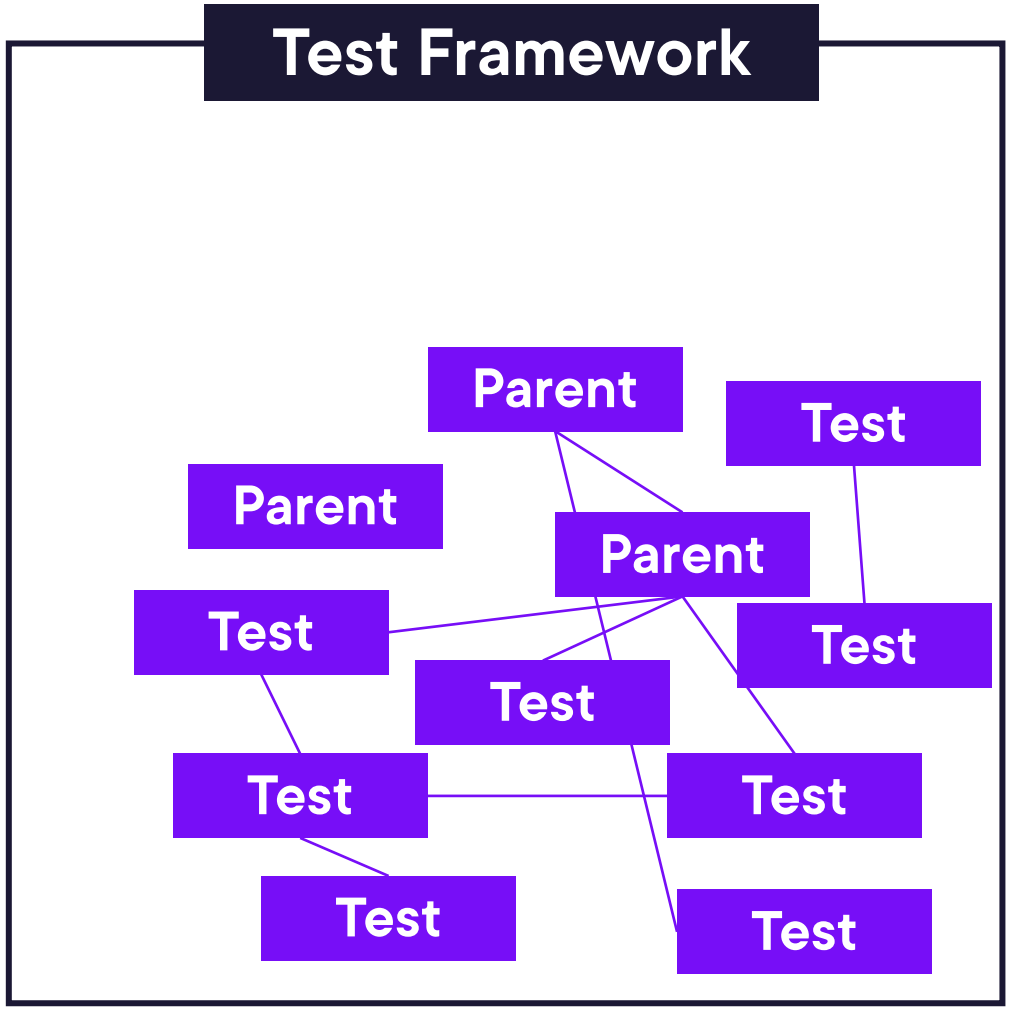
Inheritance vs. Composition

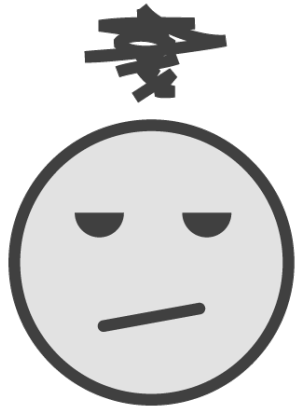
Test independence

Further learning

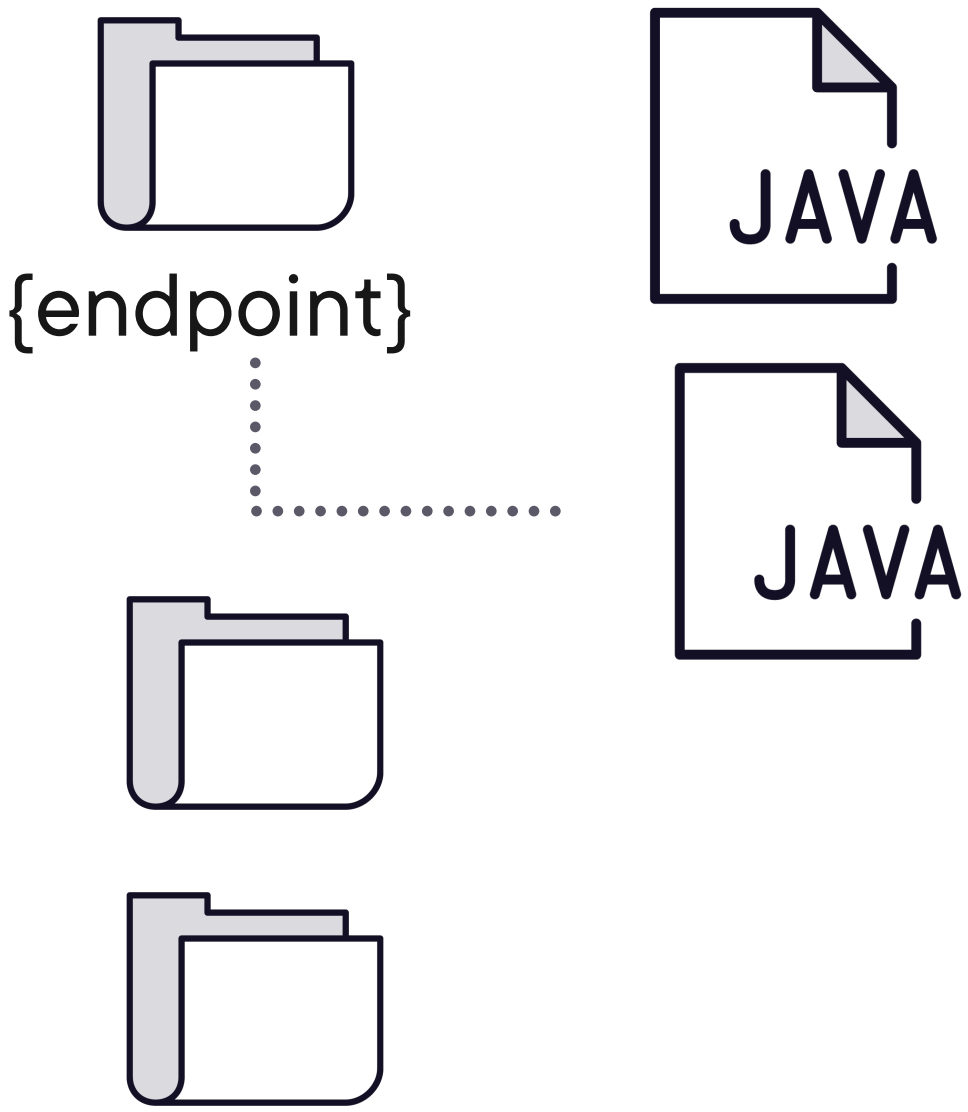

JAVA

JAVA
JAVA
JAVA

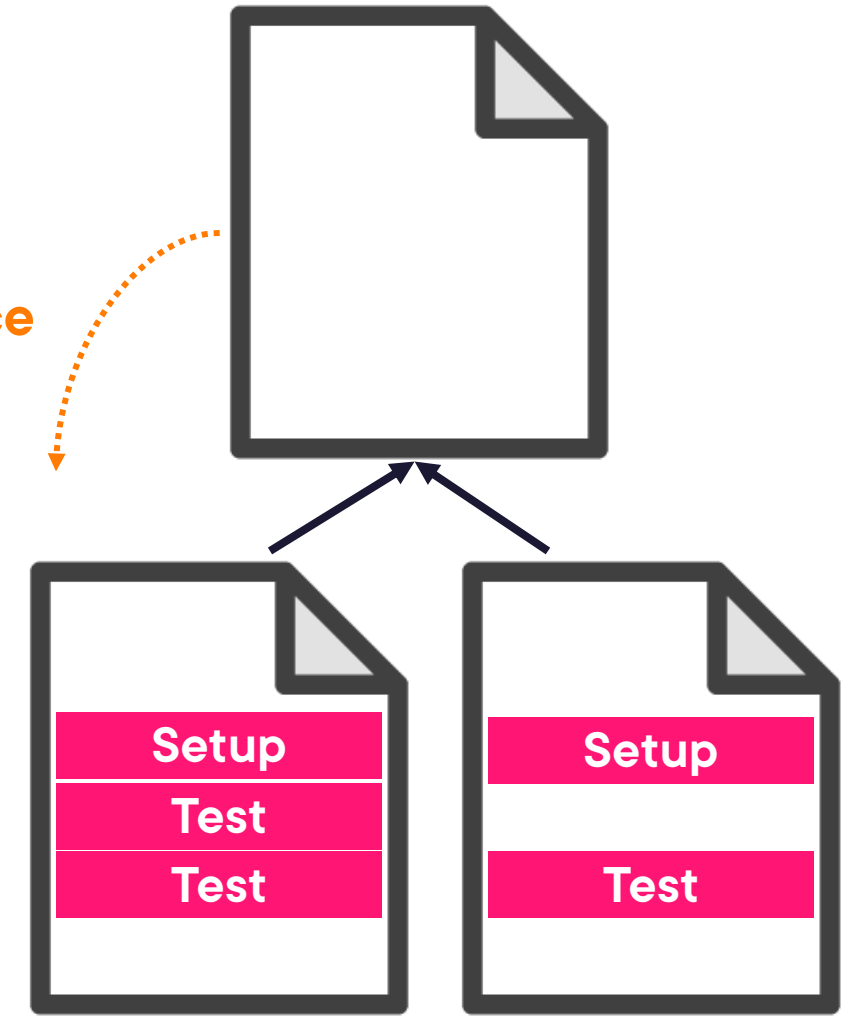

Test Framework
Parent
Test
Parent
Parent
Test
Test
Test
Test
Test
Test
Test
Test

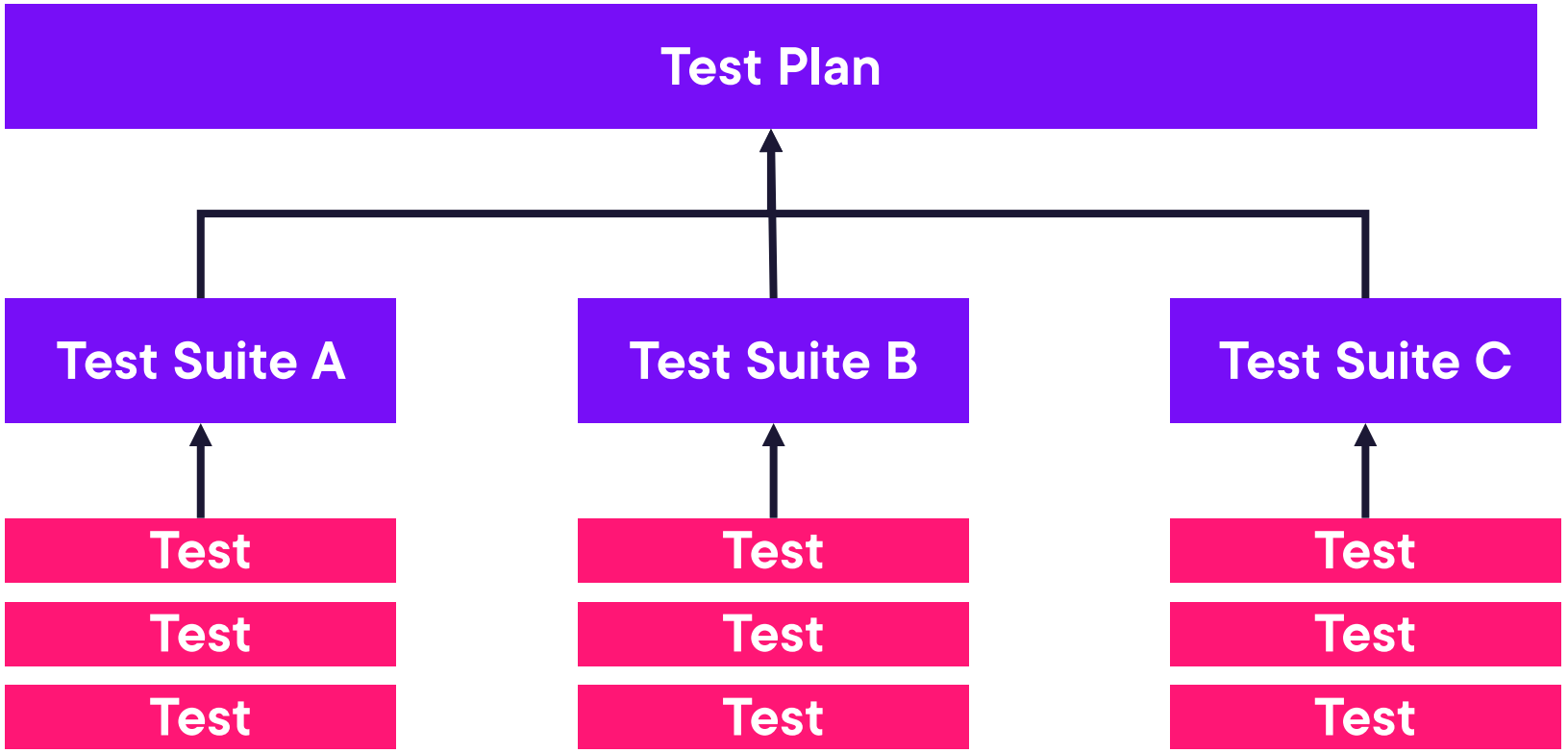


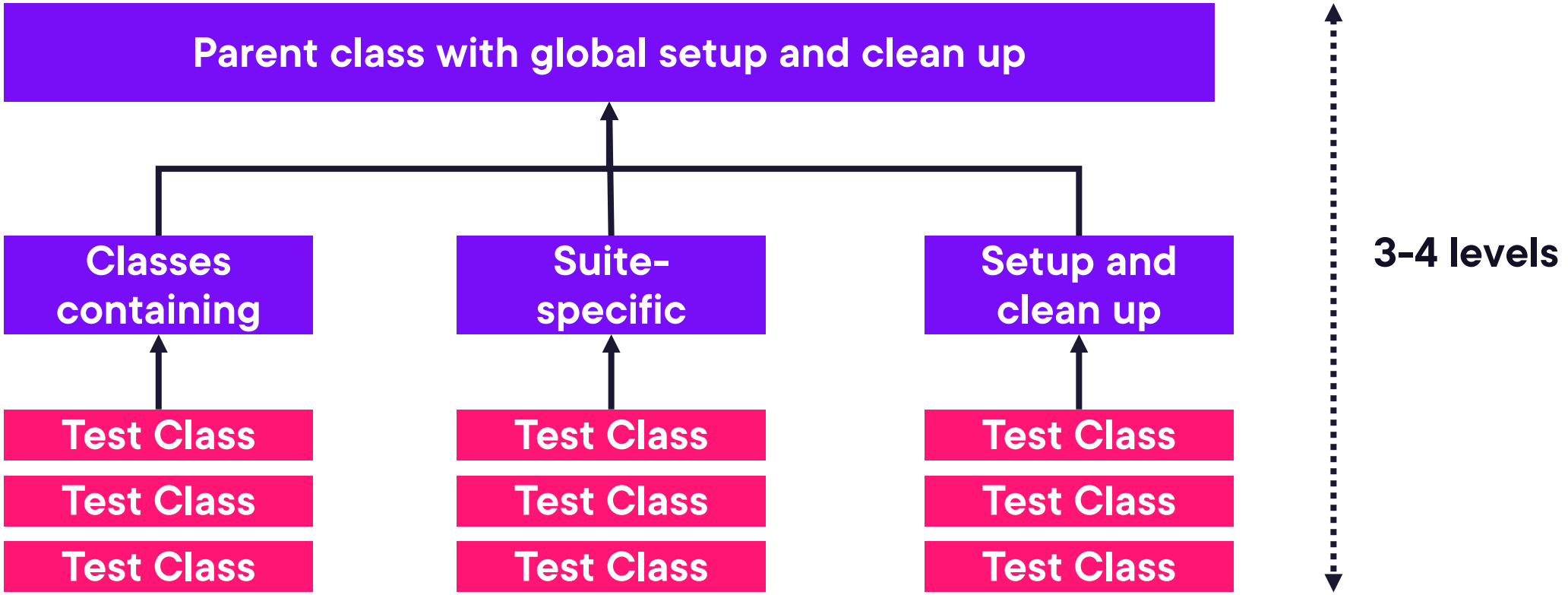
What a mess!


{endpoint}
JAVA
JAVA

OOP: Inheritance

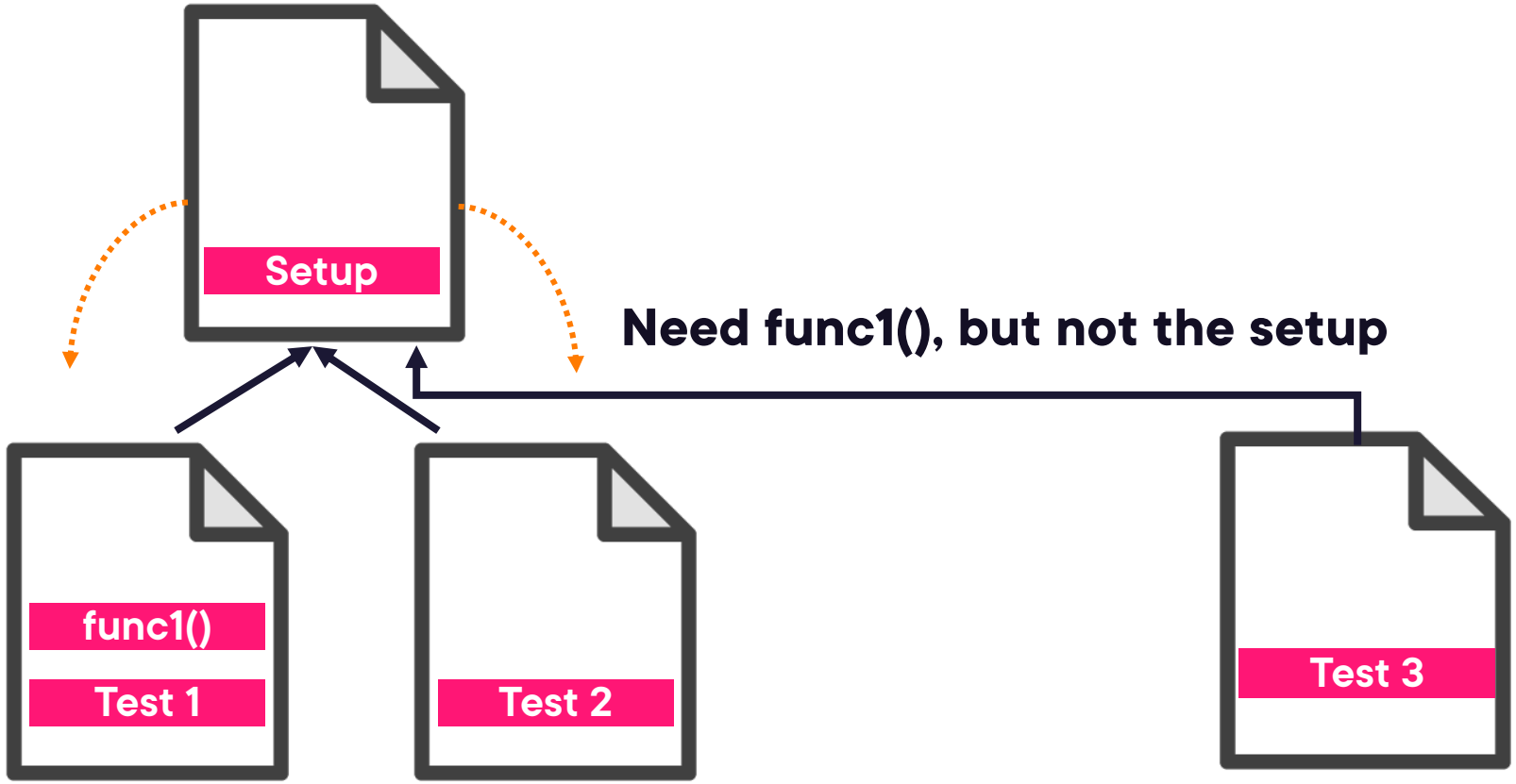


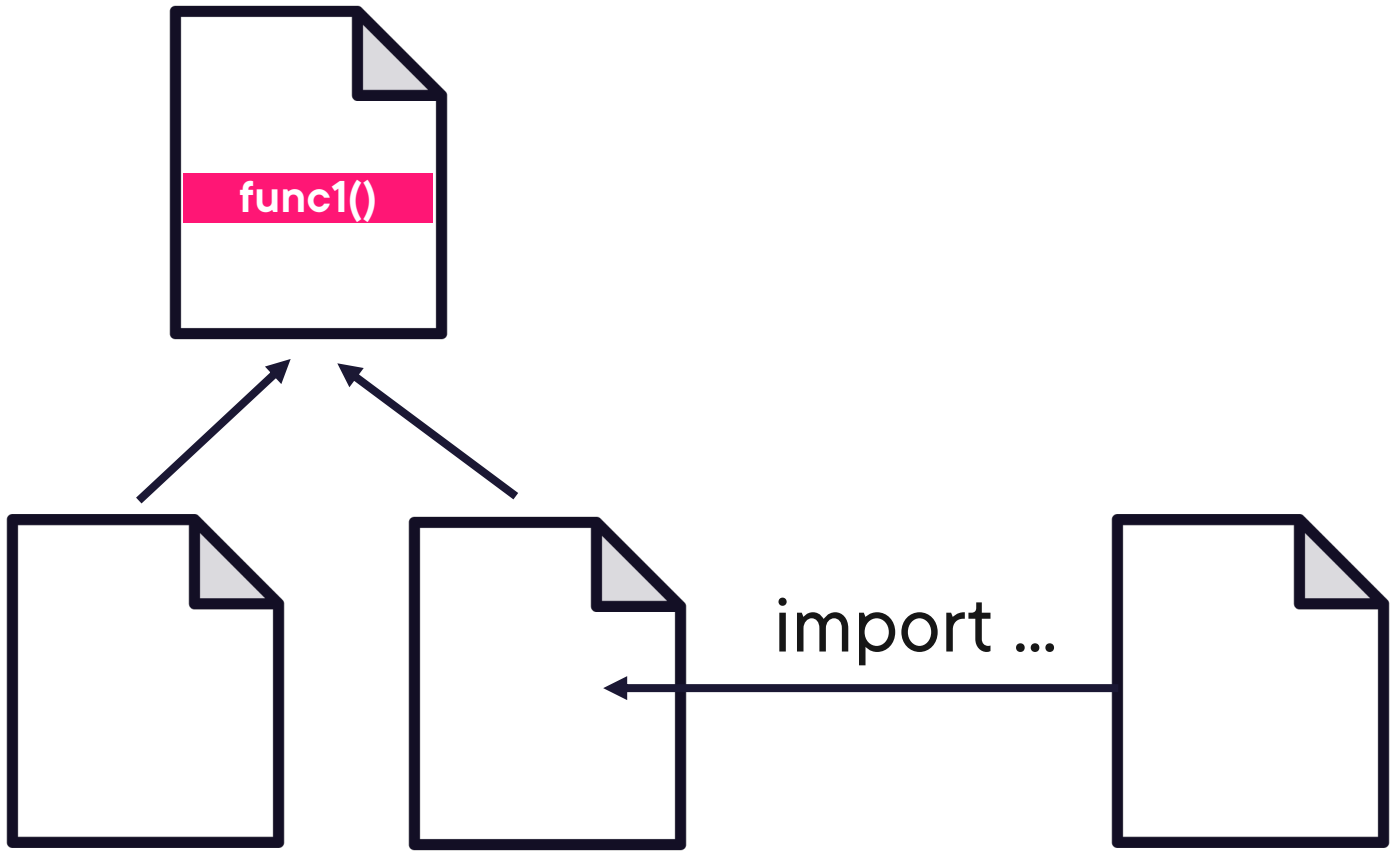

Test Plan
Test Suite A
Test Suite B
Test Suite C
Test
Test
Test
Test
Test
Test
Test
Test
Test

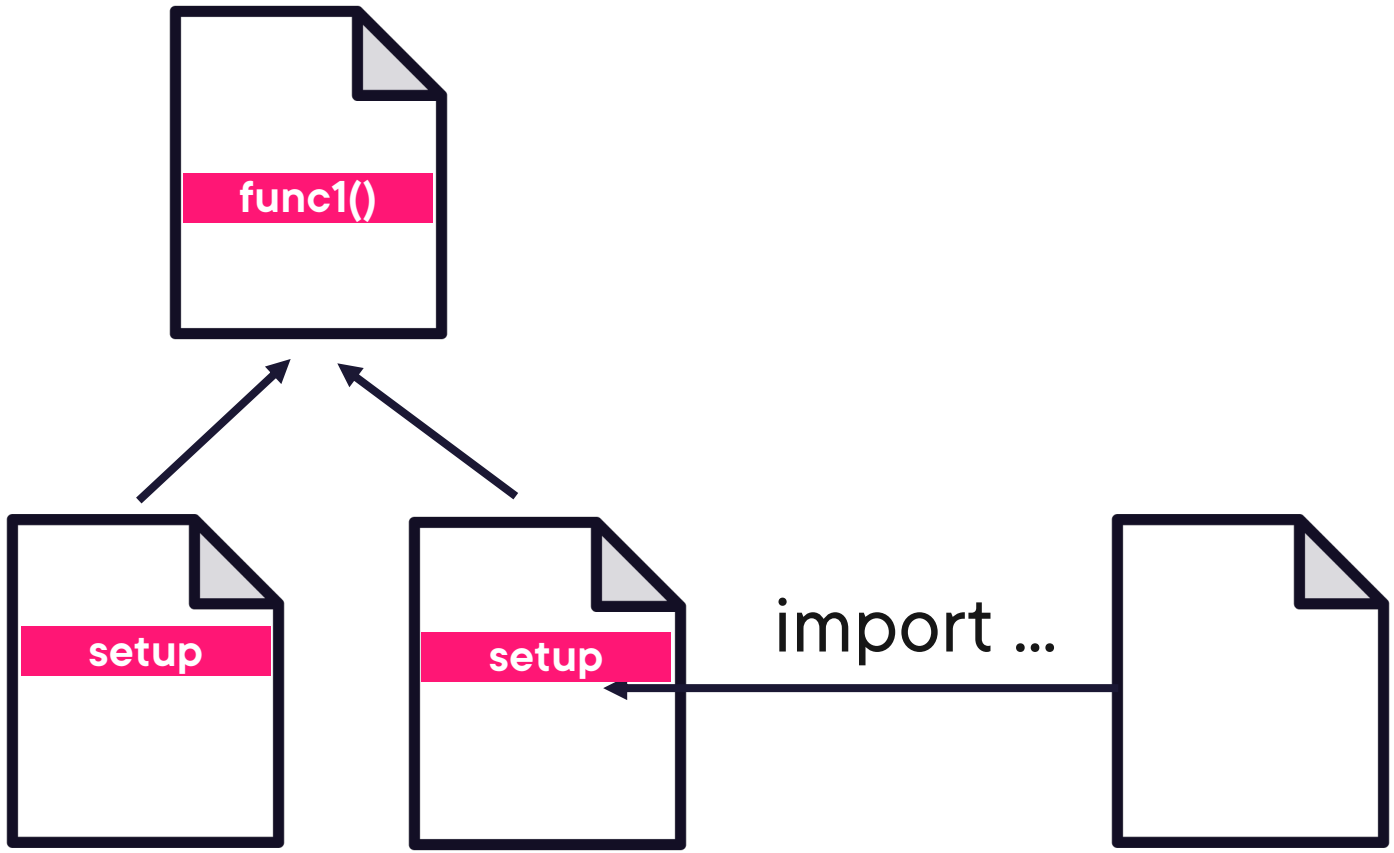

Parent class with global setup and clean up
Classes containing
Suite-specific
Setup and clean up
Test Class
Test Class
Test Class
Test Class
Test Class
Test Class
Test Class
Test Class
Test Class
3-4 levels

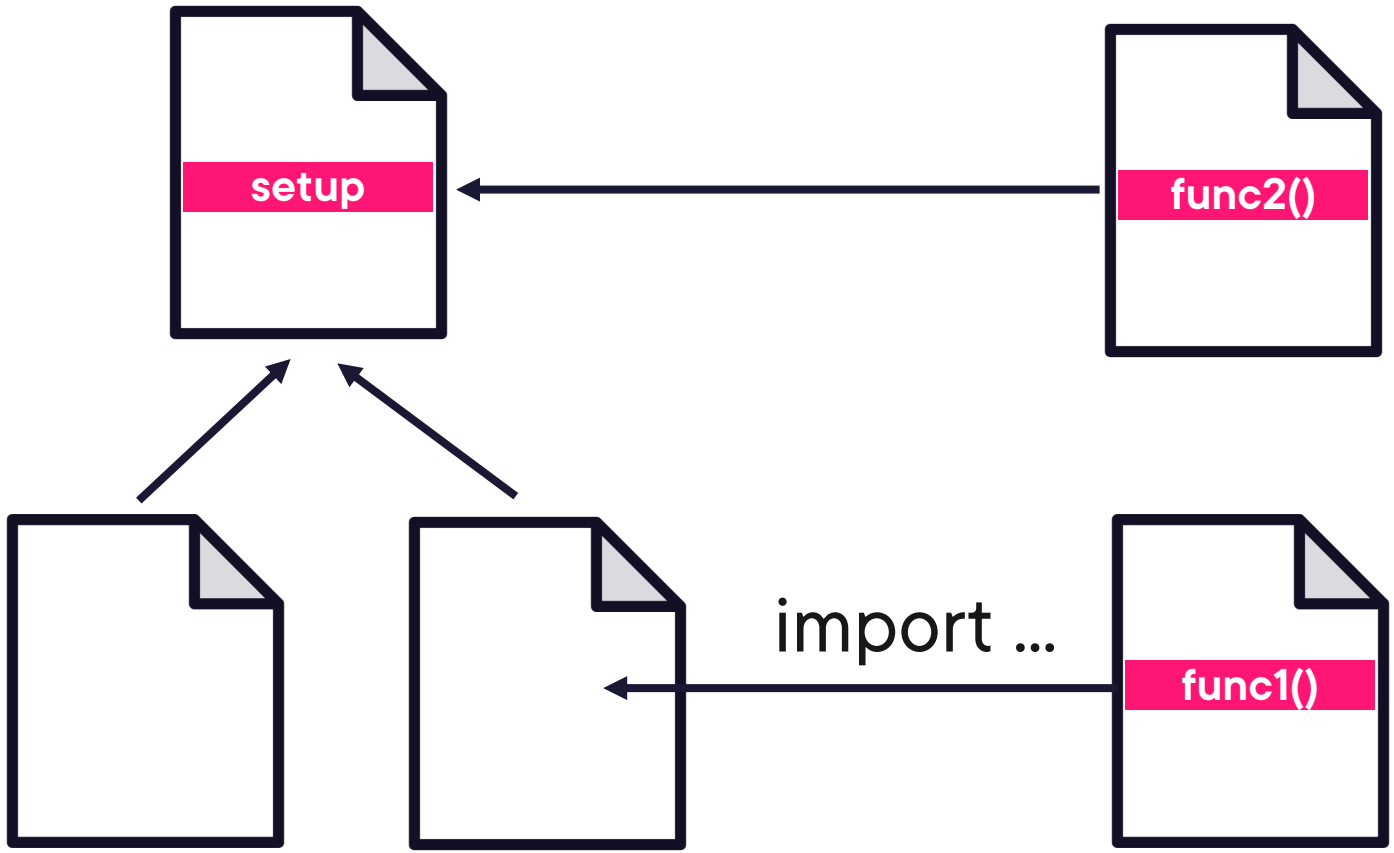
Suggestion:

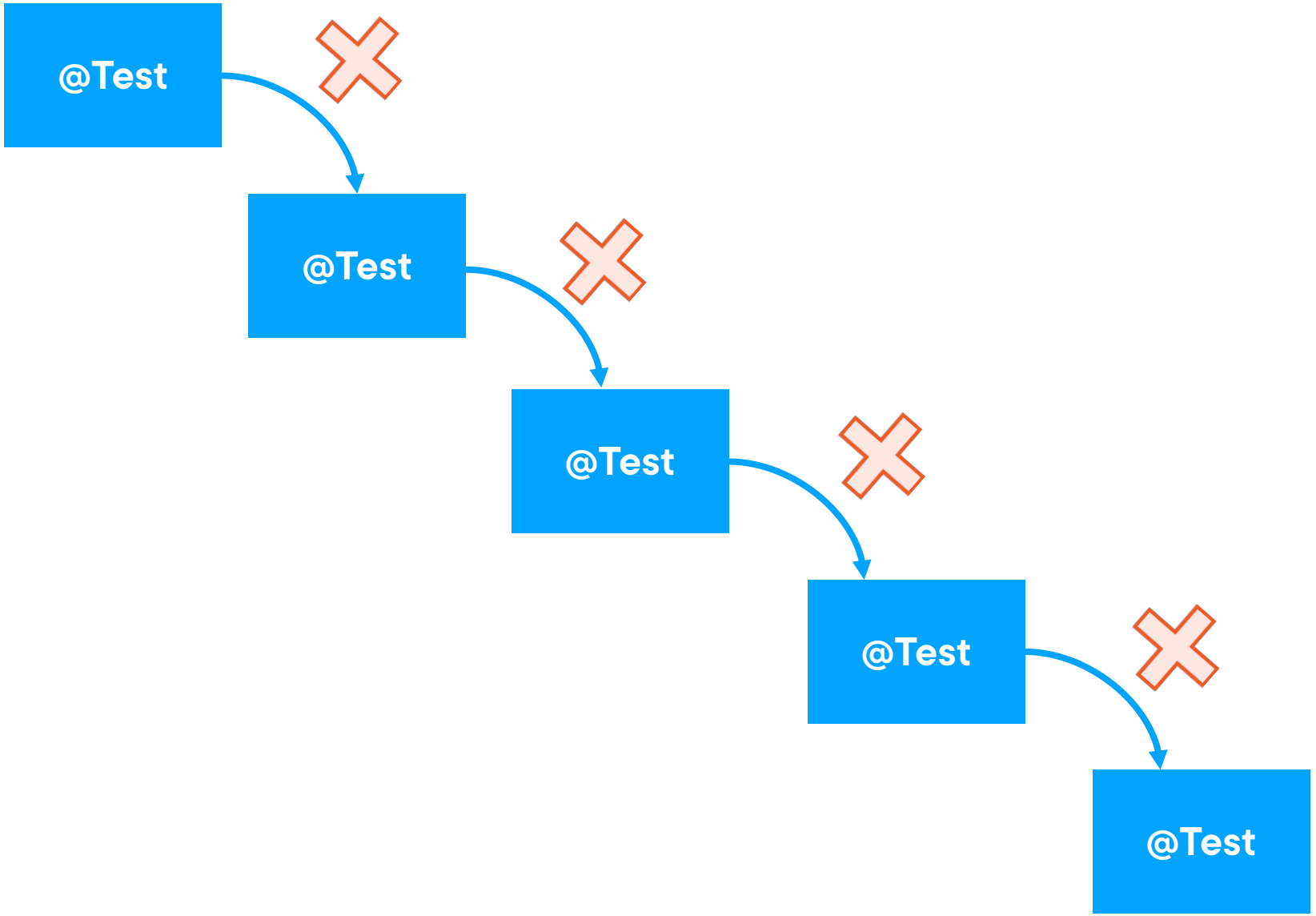
Use inheritance to refactor common setup and cleanup code


Setup
Need func1(), but not the setup
func1()
Test 1
Test 2
Test 3


func1()
import ...

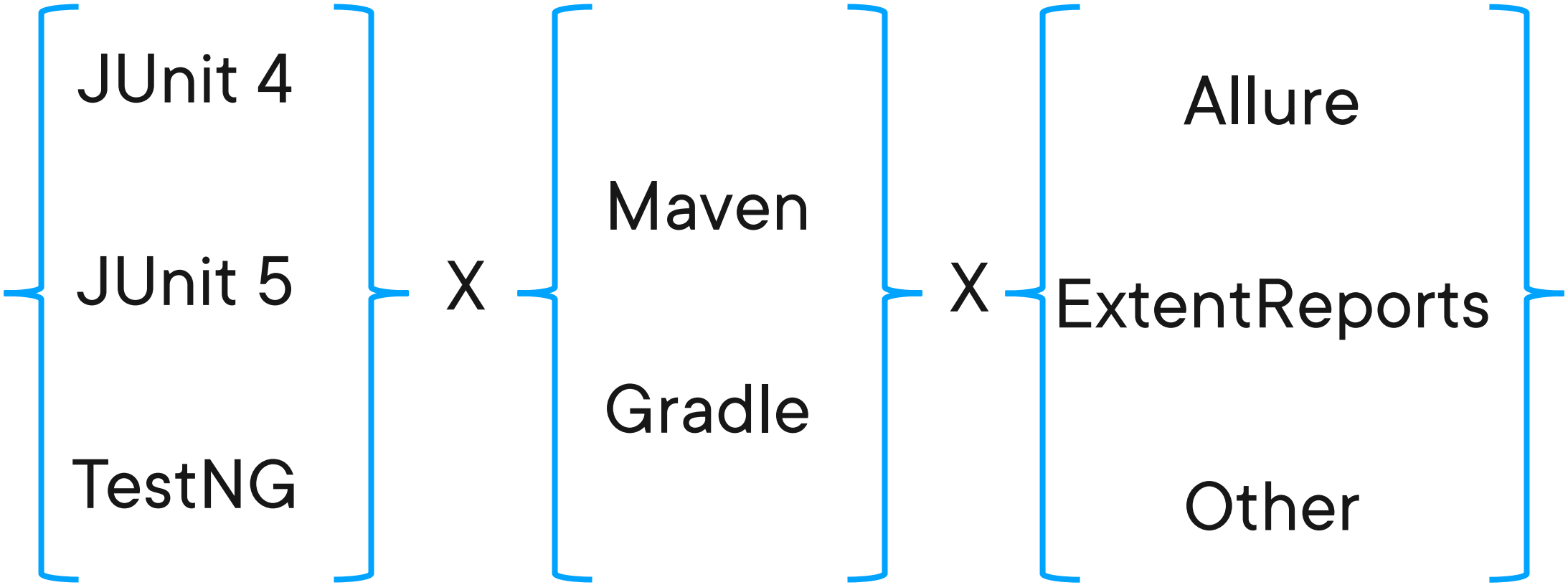

func1()
setup
setup
import ...


setup
func2()
import ...
func1()


@Test
@Test
@Test
@Test
@Test

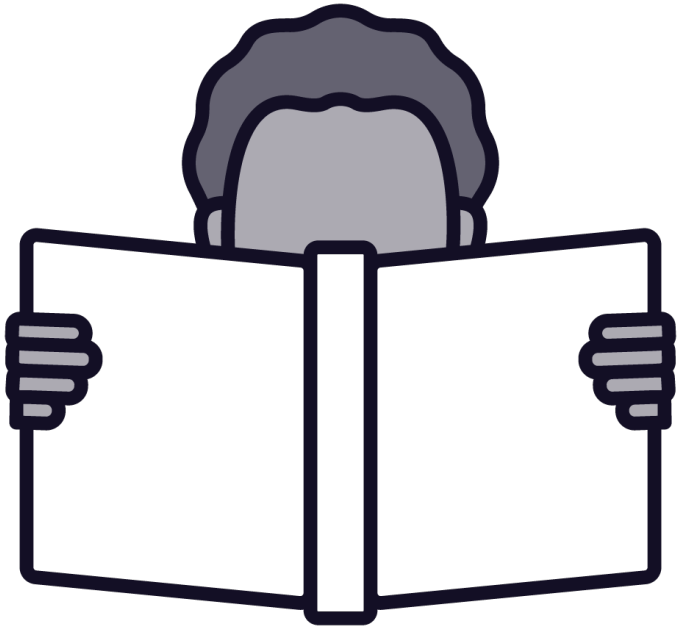
```
@Test
public void postTest() {…}

@Test(dependsOnMethods = "postTest")
public void deleteTest() {…}
```


JUnit 4
JUnit 5
TestNG
X
Maven
Gradle
X
Allure
ExtentReports
Other

Read the official docs!

Further Learning



First - practice what you have just learned!

Rating

Thank you!

(Happy Coding)