

JUnit Overview and Demonstrating Red / Green / Refactor

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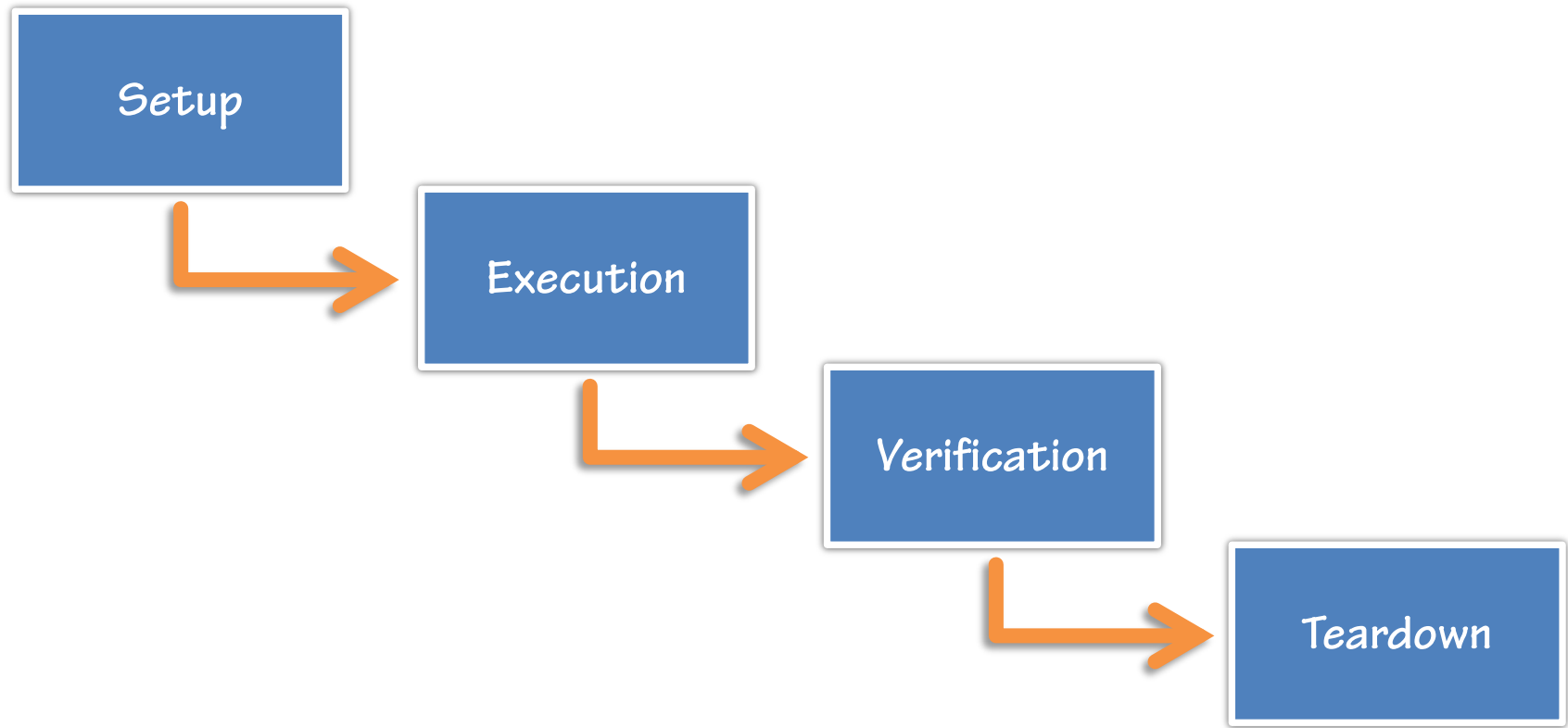
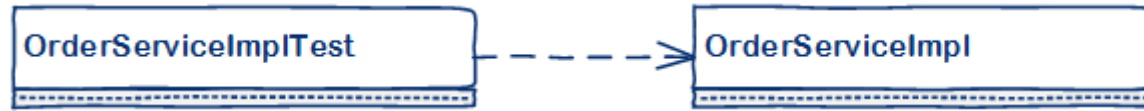
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Module Overview

- **Core JUnit Concepts**
- **Red / Green / Refactor Demonstration**

Overview of JUnit Test Concepts

Overview of JUnit Testing Concepts



JUnit Core Constructs

JUnit Core Constructs

All
package

Using Assert:

```
Assert.assertEquals("Brown", customer.lastName());  
// Or using static imports this is specified as  
assertEquals("Brown", customer.lastName());
```

Using Hamcrest

```
MatcherAssert.assertThat(customer.lastName(), IsEqual.equalTo("Brown"));  
// Or using static imports this is specified as  
assertThat(customer.lastName(), equalTo("Brown"));
```

Teardown

Red / Green / Refactor Demo

Summary

- **Basic elements of an automated unit test**
- **Core features of the JUnit framework**
- **Detailed demonstration of Red / Green / Refactor**