Testen

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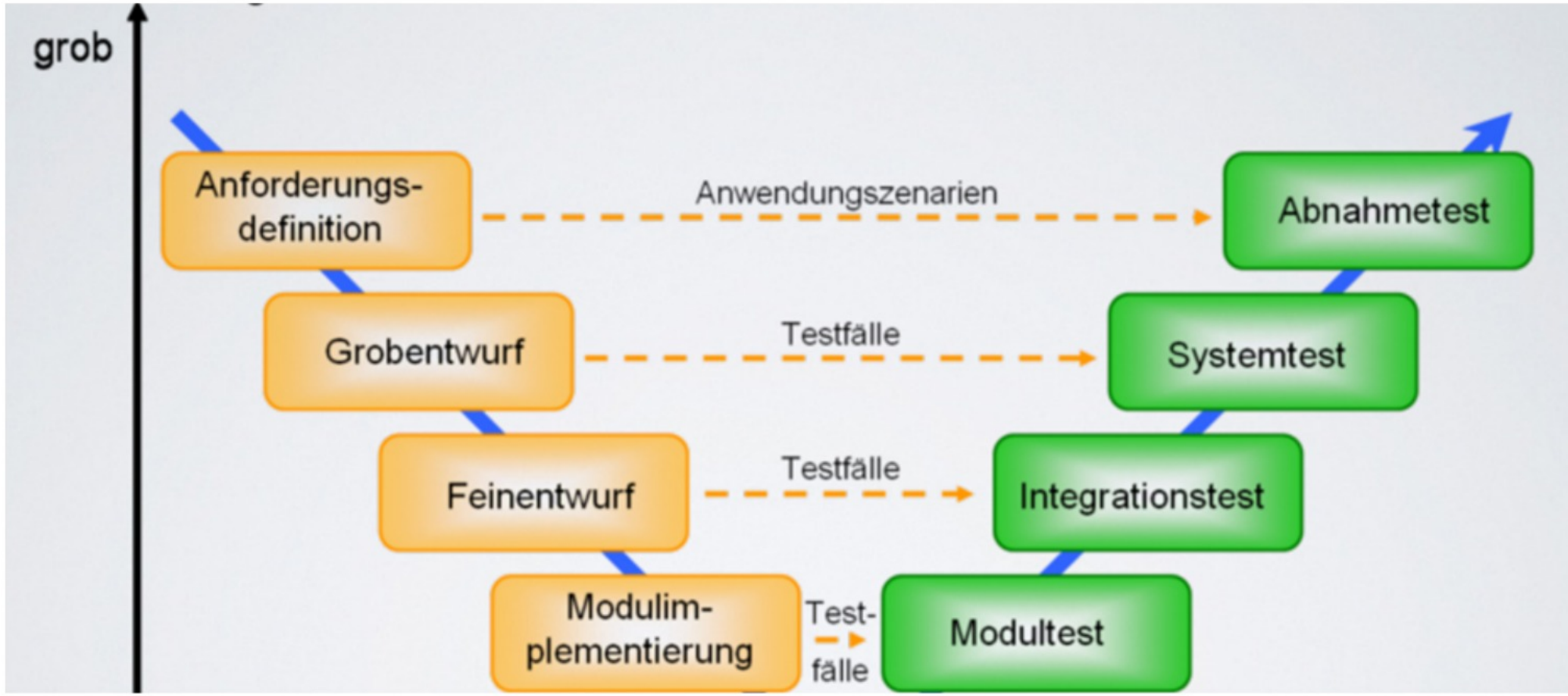
Testcontainers

⇢ Integrationstest für Datenzugriffsschicht

⇢ Application Integration Test

⇢ UI/Acceptance Test

☛ https://www.testcontainers.org/

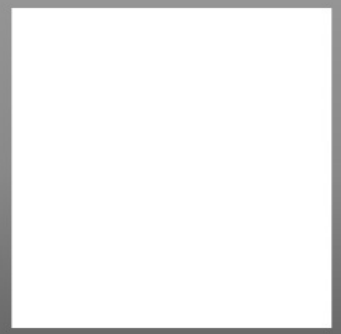

grob
Anforderungs-
definition
Anwendungszenarien
Abnahmetest
Grobentwurf
Testfälle
Systemtest
Feinentwurf
Testfälle
Integrationstest
Modulim-
plementierung
Test-
fälle
Modultest

Rest Assured

```
given().
    ARRANGE
when().
    ACT
then().
    ASSERT
```

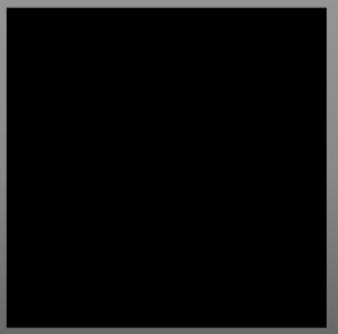
```
<dependency>
  <groupId>io.rest-assured</groupId>
  <artifactId>rest-assured</artifactId>
  <scope>test</scope>
</dependency>
```

Unterschied Black Box und White Box Tests



White Box

VS



Black Box

Quellen

- https://www.testcontainers.org/
- https://www.youtube.com/watch?v=xtQ1GmVpPP0
- https://www.youtube.com/watch?v=RLkvFT537_4&t=14s
- https://github.com/quarkusio/quarkus/blob/master/test-framework/common/src/main/java/io/quarkus/test/common/QuarkusTestResourceLifecycleManager.java
- https://www.hameister.org/SpringMvcRESTassured.html
- https://in.relation.to/2019/11/19/hibernate-orm-with-panache-in-quarkus/
- Https://joel-costigliola.github.io/assertj/assertj-core-quick-start.html
- ....