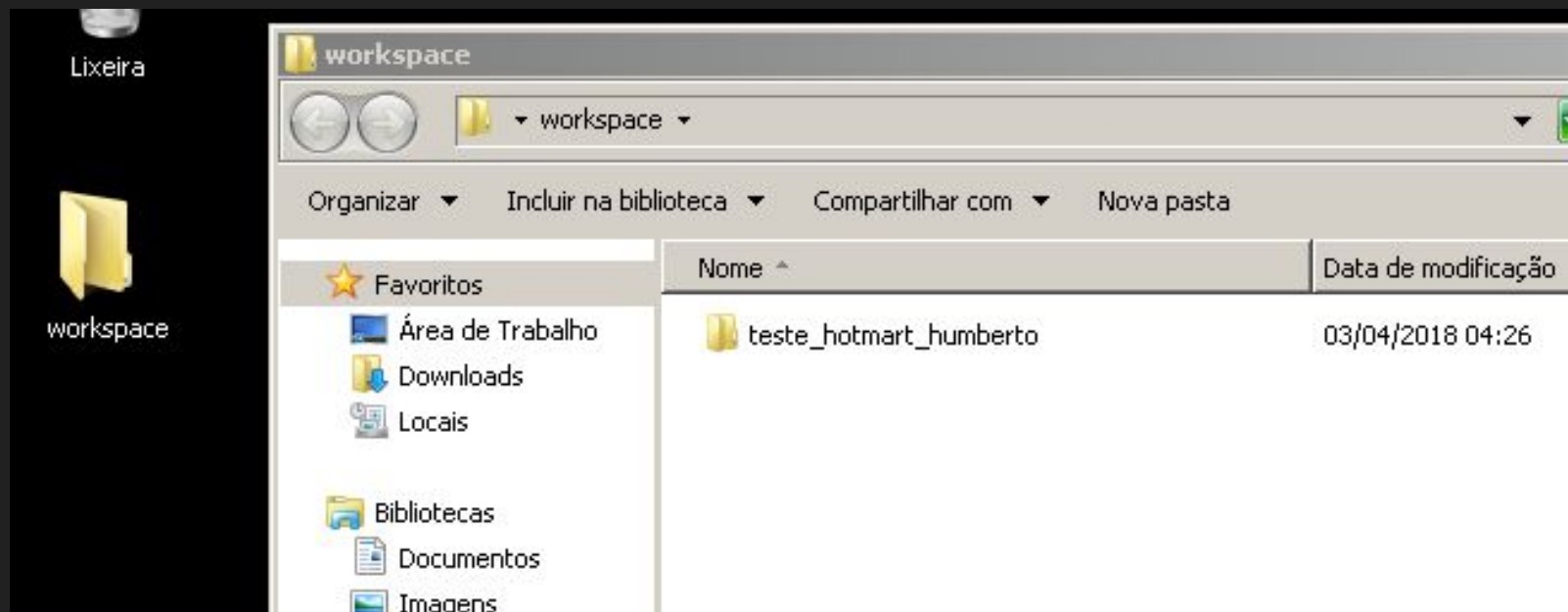


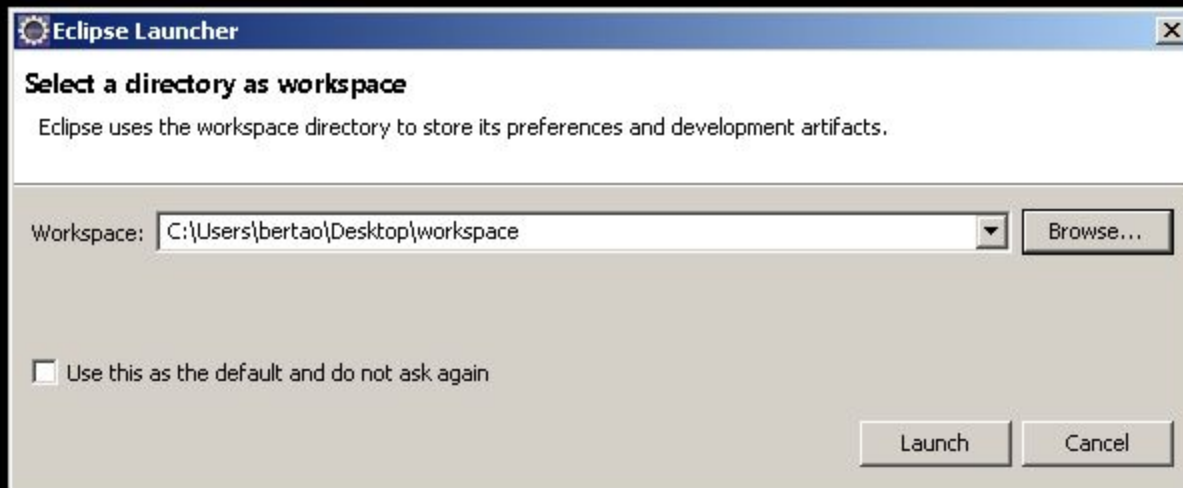
Configurando o Projeto



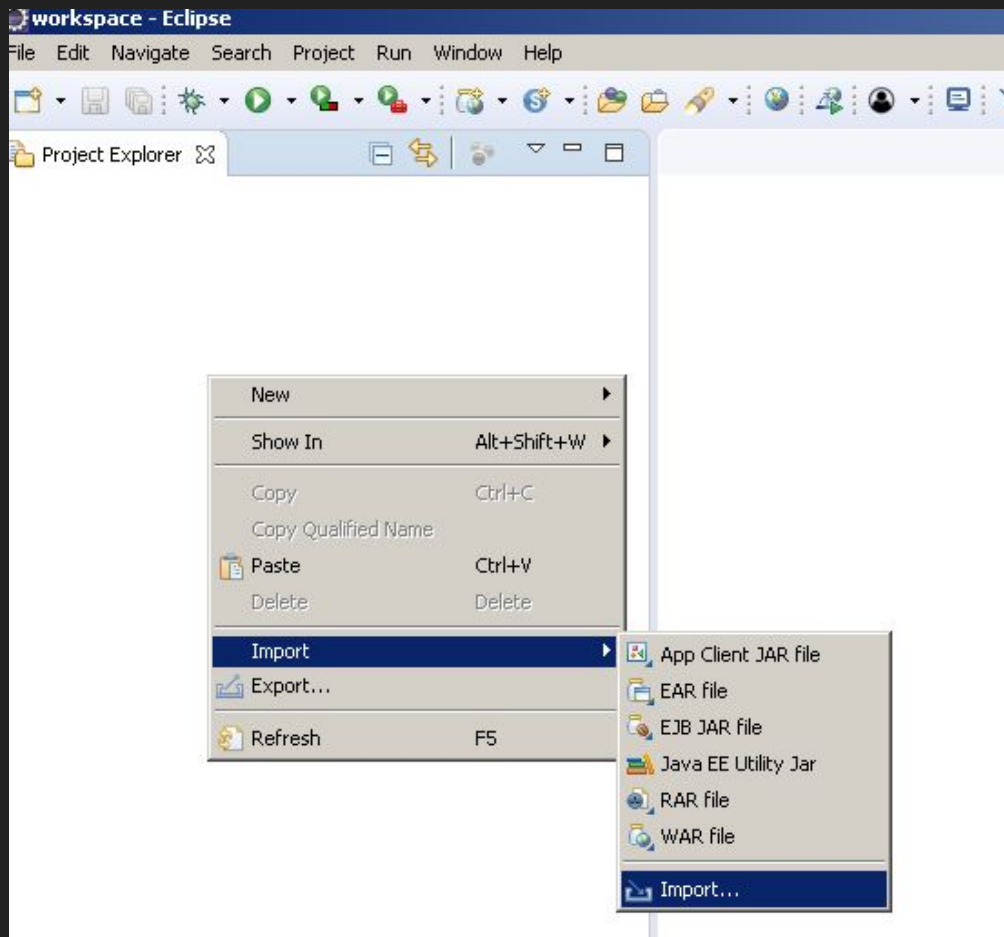
Configurando o Projeto



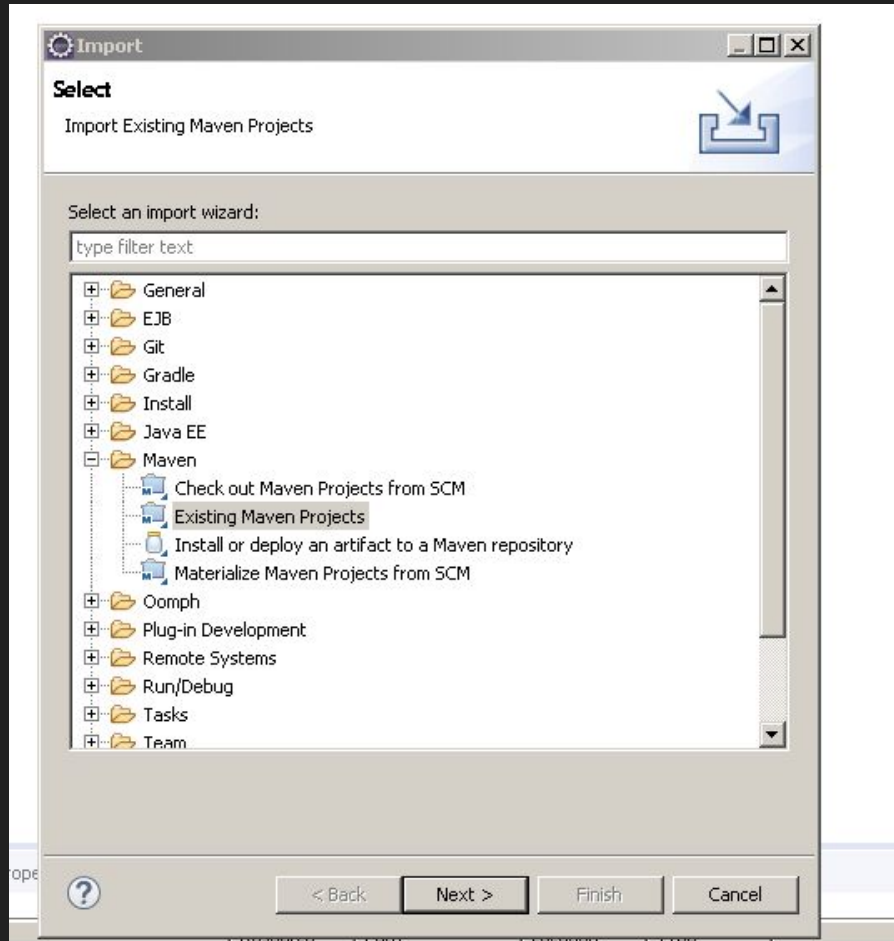
workspace



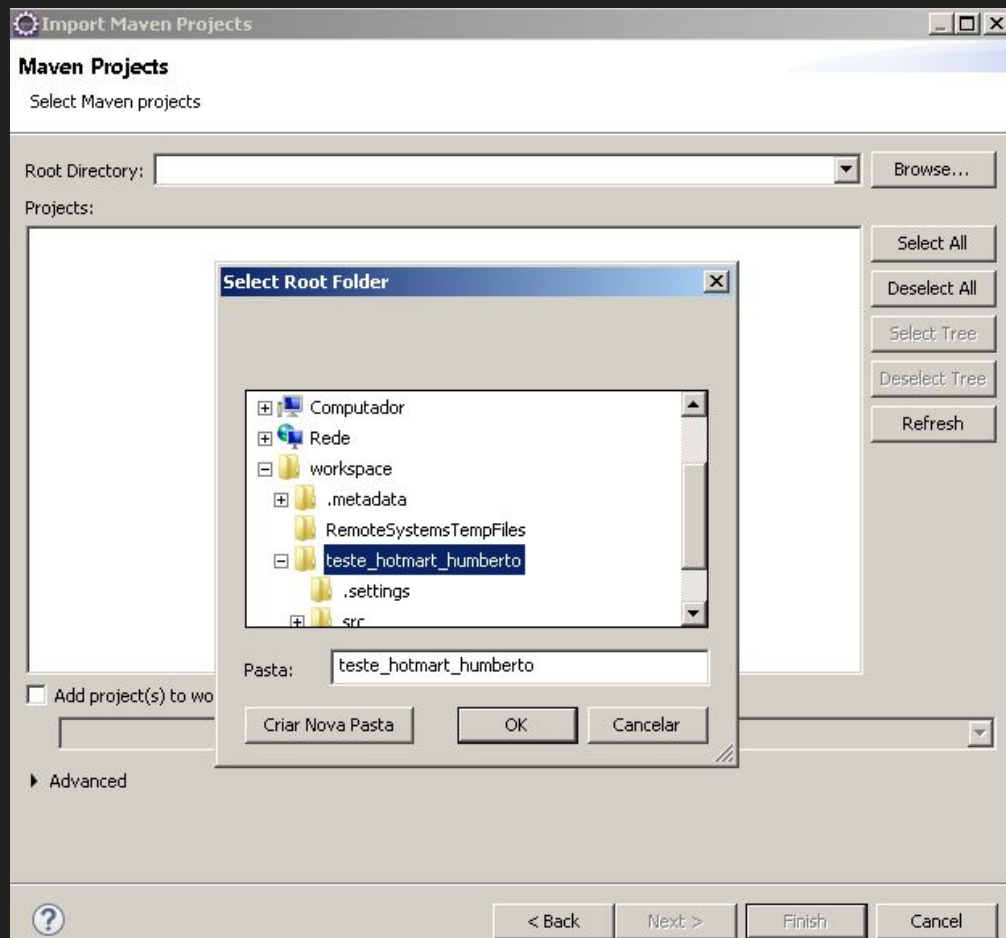
Configurando o Projeto



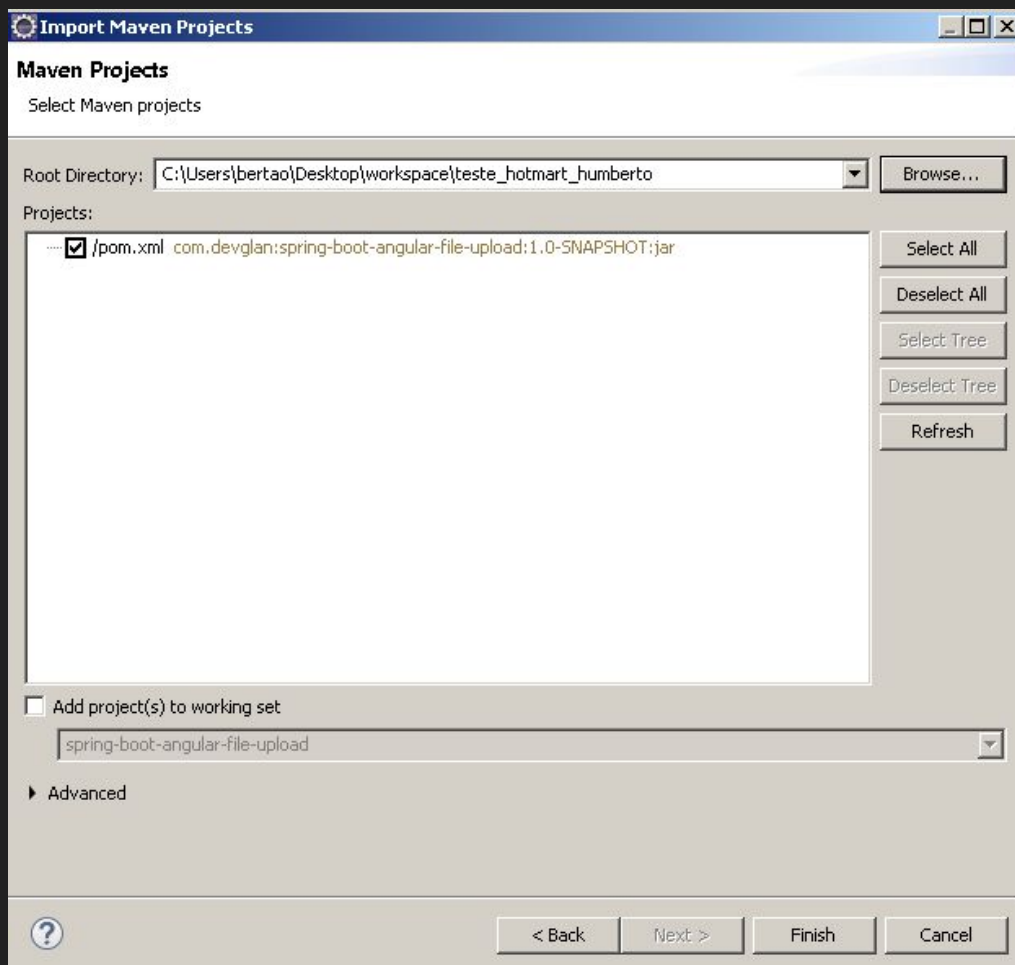
Configurando o Projeto



Configurando o Projeto



Configurando o Projeto





Project Explorer

teste_hotmart_humberto

- src/main/java
 - com.hotmart
 - Application.java
 - Application
 - com.hotmart.dao
 - com.hotmart.rest
 - com.hotmart.service
- src/main/resources
- src/test/java
- JRE System Library [JavaSE-1.8]
- Maven Dependencies
- src
- target
- pom.xml
- spring-boot-angular-file-upload.iml
- spring-boot-angular-fileupload.iml

Application.java

```
1 package com.hotmart;
2
3 import javax.servlet.MultipartConfigElement;
19
20 @Configuration // Define a classe como classe de configuração
21 @EnableAutoConfiguration // Habilita a autoconfiguração
22 @EnableSwagger //Habilita o Swagger
23 @ComponentScan(basePackages = {"com.hotmart"}) //Escaneia todos os pacotes com o padrão br.co
24 @SpringBootApplication
25 public class Application extends SpringBootServletInitializer {
26
27
28     //Injeta uma instancia de SpringSwaggerConfig
29     @Autowired
30     private SpringSwaggerConfig swaggerConfig;
31
32
33     @Bean
34     public MultipartConfigElement multipartConfigElement() {
35         MultipartConfigFactory factory = new MultipartConfigFactory();
36         factory.setMaxFileSize("-1");
37         factory.setMaxRequestSize("1MB");
38         return factory.createMultipartConfig();
39     }
40
41     public static void main(String[] args) {
42         //SpringApplication.run(Application.class, args);
43         new SpringApplicationBuilder(Application.class).web(true).run(args);
44     }
45
46     @Bean
47     public SwaggerSpringMvcPlugin groupOnePlugin() {
```

explorer

src/main/java
com.hotmart
Application.java
Application
com.hotmart.dao
com.hotmart.rest
com.hotmart.service
src/main/resources
src/test/java
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml
spring-boot-angular-file-upload.iml
spring-boot-angular-fileupload.iml

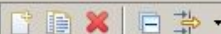
- Resume
- Suspend
- Terminate
- Disconnect
- Step Into
- Step Into Selection
- Step Over
- Step Return
- Run to Line
- Use Step Filters Shift+F5
- Run Ctrl+F11
- Debug F11
- Coverage Ctrl+Shift+F11
- Run History
- Run As
- Run Configurations...
- Debug History
- Debug As
- Debug Configurations...
- Coverage History
- Coverage As
- Coverage Configurations...
- Add V8/Chrome JavaScript Exception Breakpoint
- Breakpoint Types
- Toggle Breakpoint Ctrl+Shift+B
- Toggle Tracepoint
- Toggle Line Breakpoint
- Toggle Watchpoint
- Toggle Method Breakpoint

```
ent;[]
asse de configuração
utoconfiguração
art")) //Escaneia todos o
bootServletInitializer {
ngerConfig
onfig;
artConfigElement() {
new MultipartConfigFacto
fig();
s) {
on.class, args);
lication.class).web(true)
nePlugin() {
```

explorer Snippets

Create, manage, and run configurations

Run a Java application



type filter text

- Apache Tomcat
- Eclipse Application
- Eclipse Data Tools
- Generic Server
- Generic Server(External La
- Gradle Project
- Grunt
- Gulp
- HTTP Preview
- J2EE Preview
- Java Applet
- Java Application
 - Application**
- JUnit
- JUnit Plug-in Test
- Launch Group
- Maven Build
- Node.js Application
- OSGI Framework
- Task Context Test
- XSL

Filter matched 21 of 21 items

Name: Application

Main Arguments JRE Classpath Source Environment Common

Project:

teste_hotmart_humberto

Browse...

Main class:

com.hotmart.Application

Search...

- ☐ Include system libraries when searching for a main class
- ☐ Include inherited mains when searching for a main class
- ☐ Stop in main

Revert

Apply

Run

Close




```


2018-04-03 04:52:06.863 INFO 1268 --- [main] com.hotmart.Application : Starting Application
2018-04-03 04:52:06.870 INFO 1268 --- [main] com.hotmart.Application : No active profile set
2018-04-03 04:52:07.040 INFO 1268 --- [main] ationConfigEmbeddedWebApplicationContext : Refreshing org.springframework
2018-04-03 04:52:12.505 INFO 1268 --- [main] s.b.c.e.t.TomcatEmbeddedServletContainer : Tomcat initialized wi
2018-04-03 04:52:12.526 INFO 1268 --- [main] o.apache.catalina.core.StandardService : Starting service [Tom
2018-04-03 04:52:12.528 INFO 1268 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet Engi
2018-04-03 04:52:13.074 INFO 1268 --- [ost-startStop-1] org.apache.jasper.servlet.TldScanner : At least one JAR was
2018-04-03 04:52:13.079 INFO 1268 --- [ost-startStop-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring e
2018-04-03 04:52:13.080 INFO 1268 --- [ost-startStop-1] o.s.web.context.ContextLoader : Root WebApplicationCo
2018-04-03 04:52:14.953 INFO 1268 --- [ost-startStop-1] j.LocalContainerEntityManagerFactoryBean : Building JPA containe
2018-04-03 04:52:15.022 INFO 1268 --- [ost-startStop-1] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing
    name: default
    ...]
2018-04-03 04:52:15.191 INFO 1268 --- [ost-startStop-1] org.hibernate.Version : HHH000412: Hibernate
2018-04-03 04:52:15.195 INFO 1268 --- [ost-startStop-1] org.hibernate.cfg.Environment : HHH000206: hibernate.
2018-04-03 04:52:15.198 INFO 1268 --- [ost-startStop-1] org.hibernate.cfg.Environment : HHH000021: Bytecode p
2018-04-03 04:52:15.515 INFO 1268 --- [ost-startStop-1] o.hibernate.annotations.common.Version : HCANN000001: Hibernat
2018-04-03 04:52:15.727 INFO 1268 --- [ost-startStop-1] org.hibernate.dialect.Dialect : HHH000400: Using dial
2018-04-03 04:52:16.491 INFO 1268 --- [ost-startStop-1] org.hibernate.tool.hbm2ddl.SchemaExport : HHH000227: Running hb
2018-04-03 04:52:16.511 INFO 1268 --- [ost-startStop-1] org.hibernate.tool.hbm2ddl.SchemaExport : HHH000230: Schema exp
2018-04-03 04:52:16.577 INFO 1268 --- [ost-startStop-1] j.LocalContainerEntityManagerFactoryBean : Initialized JPA Entit
2018-04-03 04:52:17.091 INFO 1268 --- [ost-startStop-1] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "{[/doc],metho
2018-04-03 04:52:17.094 INFO 1268 --- [ost-startStop-1] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "{[/doc/{id}],
2018-04-03 04:52:17.096 INFO 1268 --- [ost-startStop-1] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "{[/doc/upload
2018-04-03 04:52:17.100 INFO 1268 --- [ost-startStop-1] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "{[/api-docs/]
2018-04-03 04:52:17.102 INFO 1268 --- [ost-startStop-1] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "{[/api-docs/]
2018-04-03 04:52:17.108 INFO 1268 --- [ost-startStop-1] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "{[/error]}" c
2018-04-03 04:52:17.109 INFO 1268 --- [ost-startStop-1] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "{[/error],pro
2018-04-03 04:52:17.855 INFO 1268 --- [ost-startStop-1] o.s.b.a.e.mvc.EndpointHandlerMapping : Mapped "{[/auditevent



```

Doc com Swagger

 Swagger UI

localhost:8080/sdoc.jsp#!/doc

 **swagger**

http://localhost:8080/api-docs

api_key

Explore

Swagger With Spring Boot

This is a simple application to demonstrate how to work with Swagger in Spring Boot project!

[Terms of service](#)
[Contact the developer](#)
[Open Licence](#)

doc : doc Show/Hide List Operations Expand Operations Raw

GET	/doc	Retorna todos os objetos.
POST	/doc/upload	Upload do arquivo.
GET	/doc/{id}	Download do arquivo.

[BASE URL: http://localhost:8080/api-docs , API VERSION: 1.0]

Aplicação

Swagger UI x Document Upload x

localhost:8080



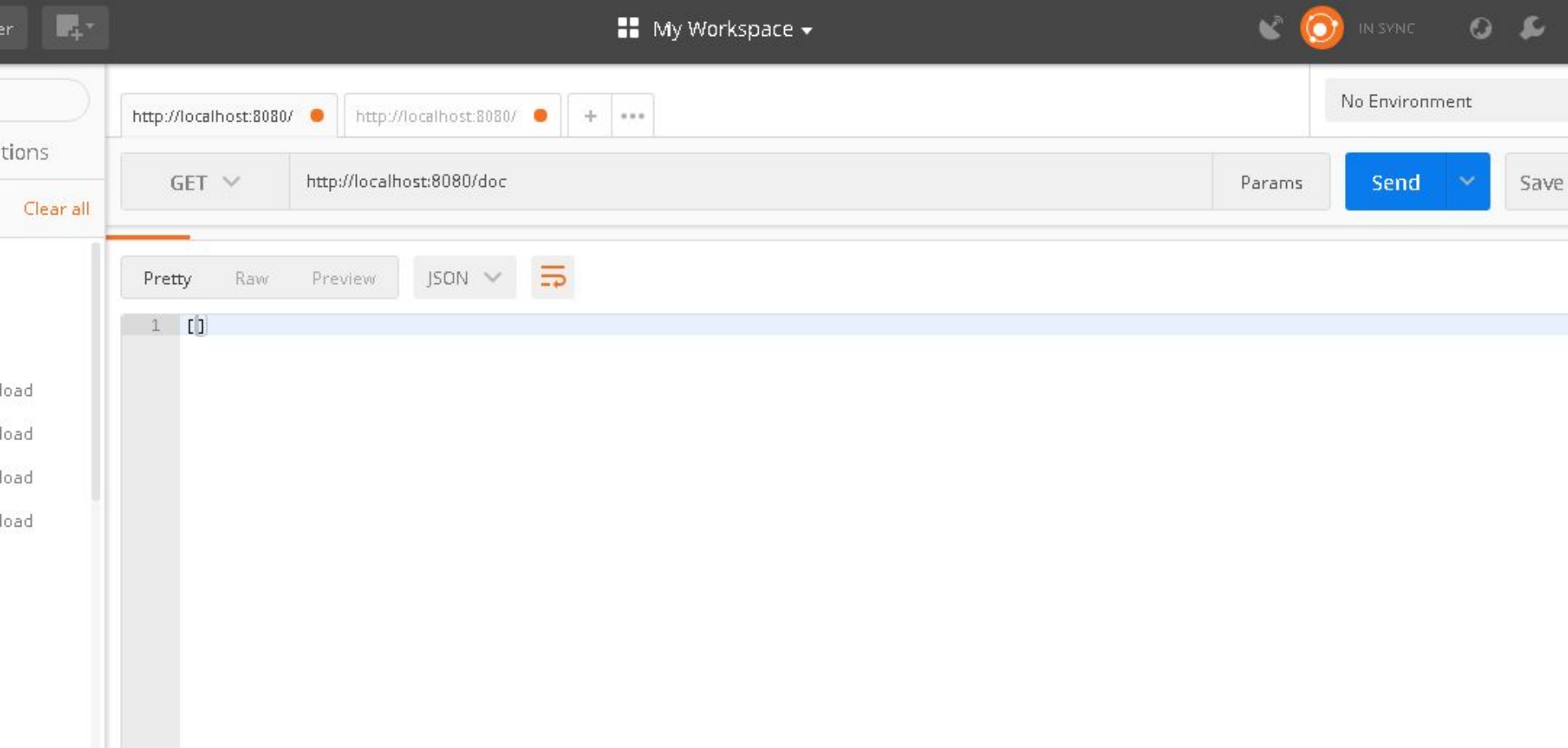
Gerenciador de Arquivos

Identificação do Usuário:

Nenhum arquivo selecionado

Nome do Arquivo	Identificador Usuário	Ações
-----------------	-----------------------	-------

Testando pelo PostMan



http://localhost:8080/

http://localhost:8080/



No Environment

POST

http://localhost:8080/doc/upload

Params

Authorization

Headers [1]

Body

Pre-request Script

Tests



form-data



x-www-form-urlencoded



raw



binary

Key

Value

Description



identificadorUsuario

Teste



file

Escolher arquivos

hotmart.html

New key

Value

Description

Body

Cookies

Headers [4]

Test Results

Status: 200 OK

Pretty

Raw

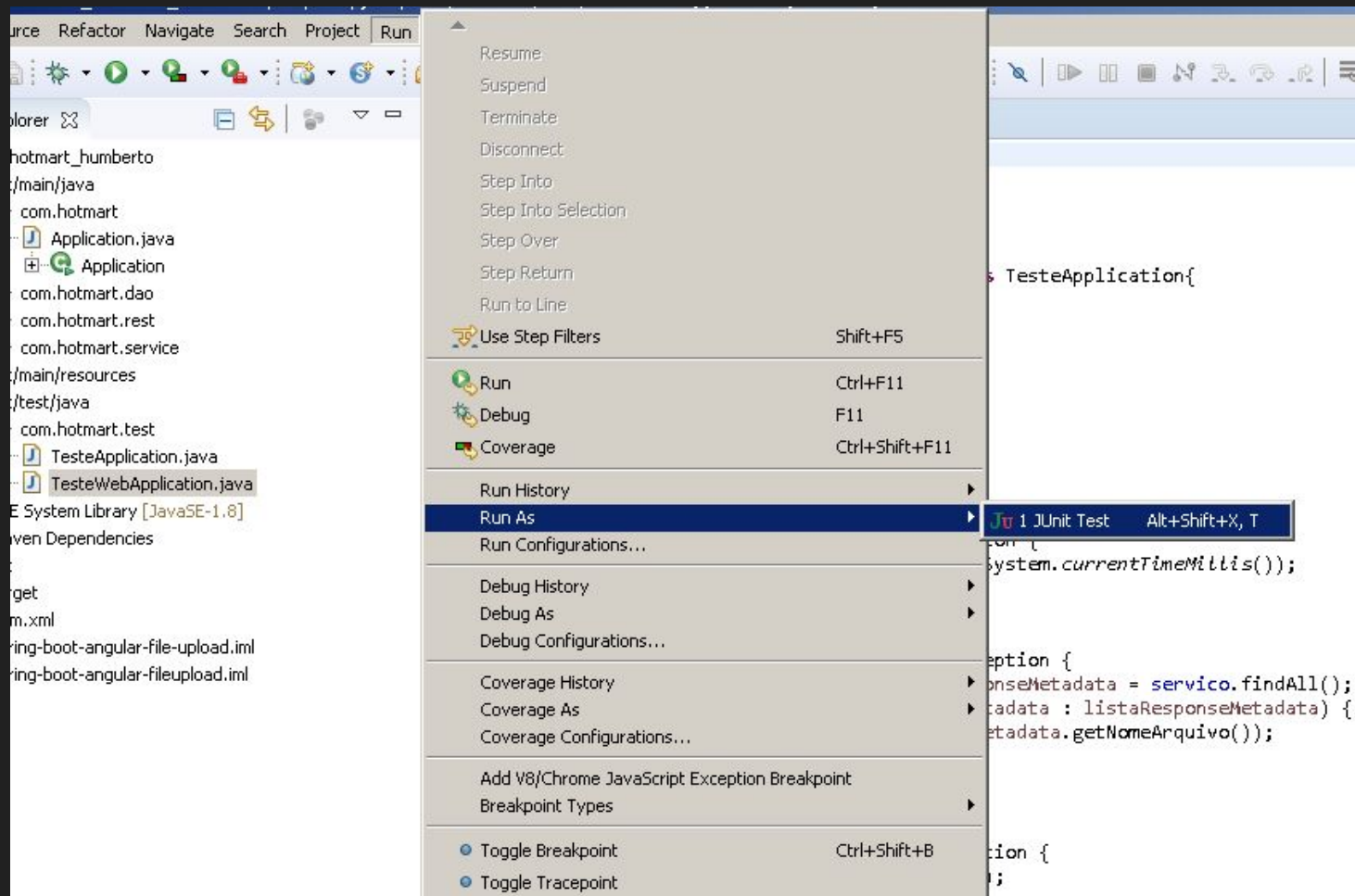
Preview

JSON



```
1 {  
2   "identificadorUsuario": null,  
3   "nomeArquivo": "hotmart.html",  
4   "statusUpload": "Concluído",  
5   "tempoDeEnvio": 2,  
6   "quantBlocosArquivo": 1,  
7   "linkParaDownload": "http://localhost:8080/doc/1"  
8 }
```

Teste com o JUnit



Teste com o JUnit

Finished after 12,868 seconds

Runs: 6/6 Errors: 3 Failures: 0

com.hotmart.test.TesteWebApplication [Runner: JUnit 4] (0,431 s)

- testQuantidadeBlocos (0,018 s)
- testToResponseMetadata (0,039 s)
- testFindAll (0,326 s)
- testGetID (0,036 s)
- testSave (0,003 s)
- contextLoads (0,008 s)

Failure Trace

```
java.lang.NullPointerException
at com.hotmart.service.DocumentServiceImpl.toResponse
at com.hotmart.test.TesteWebApplication.testToResponse
at org.springframework.test.context.junit4.statements.R
at org.springframework.test.context.junit4.statements.R
at org.springframework.test.context.junit4.statements.Sp
at org.springframework.test.context.junit4.SpringJUnit4C
at org.springframework.test.context.junit4.SpringJUnit4C
at org.springframework.test.context.junit4.statements.R
at org.springframework.test.context.junit4.statements.R
at org.springframework.test.context.junit4.SpringJUnit4C
```