



Spring Boot

Spring Boot permite a construção de aplicações de forma fácil sem a necessidade da instalação de um Servidor de Aplicações Java ou mesmo tornando desnecessária a configuração através de XML.

A execução de uma aplicação criada com o Spring Boot é simples, basta executar utilizando o comando “java -jar”.

- Cria aplicações que executam independente de servidor.
- Embute Servidores de Aplicação Java Tomcat, Jetty ou Undertow diretamente na aplicação.
- Configura automaticamente os artefatos Spring
- Oferece mecanismos para recuperação de métricas de performance e estado do ambiente.
- Não necessita de classes ou XML para configurações dos componentes Spring.

SPRING INITIALIZR bootstrap your application now

Generate a Gradle Project with Java and Spring Boot 2.0.3

Project Metadata

Artifact coordinates

Group

br.senai.sp.informatica

Artifact

cafe

Dependencies

Add Spring Boot Starters and dependencies to your application

Search for dependencies

Web, Security, JPA, Actuator, Devtools...

Selected Dependencies

Web ×

JPA ×

Thymeleaf ×

Lombok ×

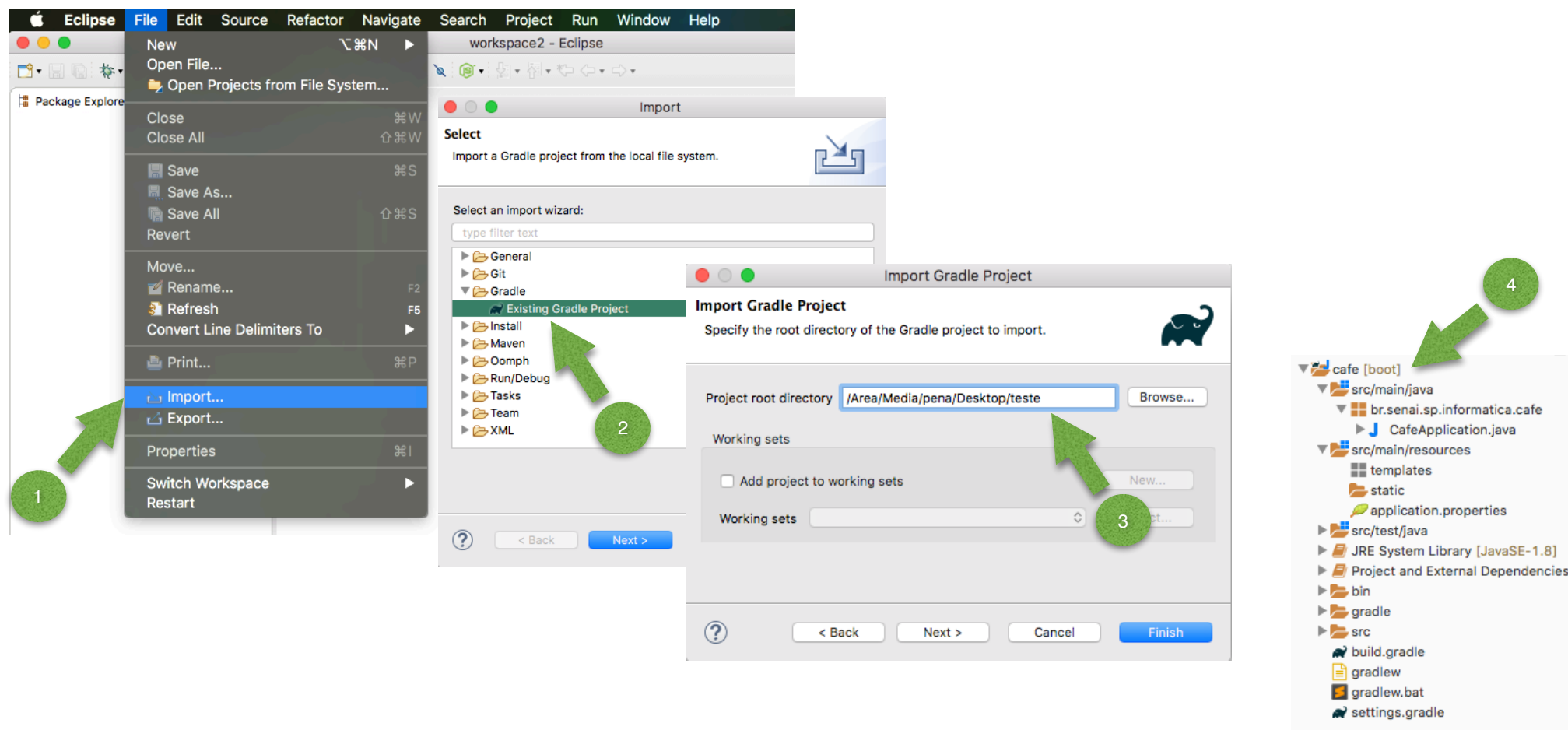
MySQL ×

Generate Project

Don't know what to look for? Want more options? [Switch to the full version.](#)

start.spring.io is powered by [Spring Initializr](#) and [Pivotal Web Services](#)

Importando o projeto



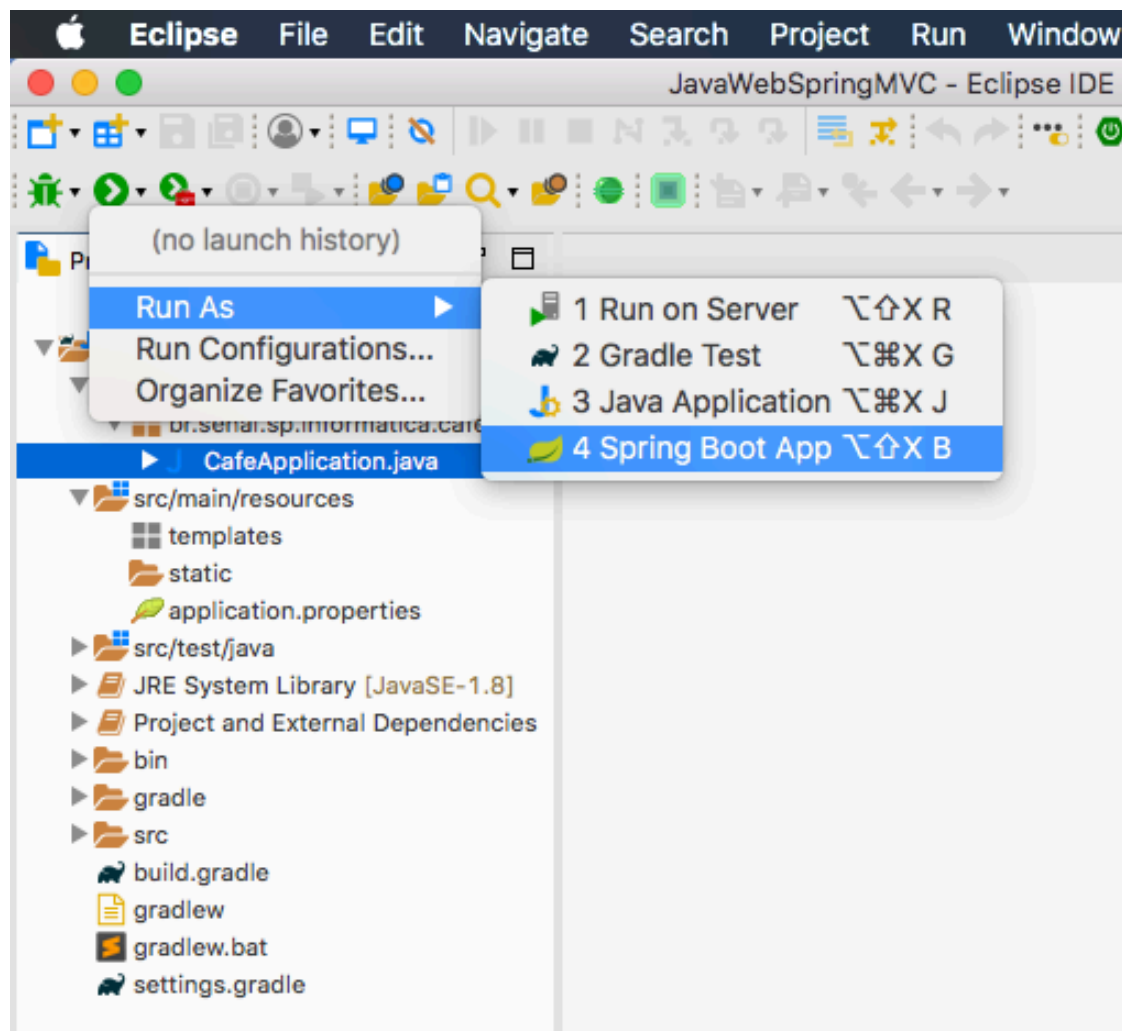
```
spring.datasource.url=jdbc:mysql://localhost:3306/cafephoto
spring.datasource.username=root
spring.datasource.password=root132
spring.datasource.driver-class-name=com.mysql.jdbc.Driver

spring.jpa.hibernate.ddl-auto=update
spring.jpa.hibernate.naming.physical-strategy=org.hibernate.boot.model.naming.PhysicalNamingStrategyStandardImpl

spring.jpa.properties.hibernate.show_sql=true
spring.jpa.properties.hibernate.format_sql=true
spring.jpa.properties.hibernate.use_sql_comments=true
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MySQL5Dialect
spring.jpa.properties.hibernate.archive.autodetection=true
```

application.properties

Iniciar a aplicação



A Console do ambiente

```

:: Spring Boot :: (v1.5.4.RELEASE)

2017-07-21 17:11:14.126 INFO 15743 --- [main] br.senai.sp.teste.TesteApplication : Starting TesteApplication on MacBook-Pro.local with PID 15743 (/Area/Media/
2017-07-21 17:11:14.129 INFO 15743 --- [main] br.senai.sp.teste.TesteApplication : No active profile set, falling back to default profiles: default
2017-07-21 17:11:14.338 INFO 15743 --- [main] ationConfigEmbeddedWebApplicationContext : Refreshing org.springframework.boot.context.embedded.AnnotationConfigEmbedd
2017-07-21 17:11:15.837 INFO 15743 --- [main] s.b.c.e.t.TomcatEmbeddedServletContainer : Tomcat initialized with port(s): 8080 (http)
2017-07-21 17:11:15.852 INFO 15743 --- [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2017-07-21 17:11:15.853 INFO 15743 --- [main] org.apache.catalina.core.StandardEngine : Starting Servlet Engine: Apache Tomcat/8.5.15
2017-07-21 17:11:15.996 INFO 15743 --- [ost-startStop-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2017-07-21 17:11:15.997 INFO 15743 --- [ost-startStop-1] o.s.web.context.ContextLoader : Root WebApplicationContext: initialization completed in 1663 ms
2017-07-21 17:11:16.157 INFO 15743 --- [ost-startStop-1] o.s.b.w.servlet.ServletRegistrationBean : Mapping servlet: 'dispatcherServlet' to [/]
2017-07-21 17:11:16.160 INFO 15743 --- [ost-startStop-1] o.s.b.w.servlet.FilterRegistrationBean : Mapping filter: 'characterEncodingFilter' to: [/]
2017-07-21 17:11:16.160 INFO 15743 --- [ost-startStop-1] o.s.b.w.servlet.FilterRegistrationBean : Mapping filter: 'hiddenHttpMethodFilter' to: [/]
2017-07-21 17:11:16.160 INFO 15743 --- [ost-startStop-1] o.s.b.w.servlet.FilterRegistrationBean : Mapping filter: 'httpPutFormContentFilter' to: [/]
2017-07-21 17:11:16.160 INFO 15743 --- [ost-startStop-1] o.s.b.w.servlet.FilterRegistrationBean : Mapping filter: 'requestContextFilter' to: [/]
2017-07-21 17:11:16.470 WARN 15743 --- [main] o.a.tomcat.jdbc.pool.ConnectionPool : maxIdle is larger than maxActive, setting maxIdle to: 50
2017-07-21 17:11:16.829 INFO 15743 --- [main] j.LocalContainerEntityManagerFactoryBean : Building JPA container EntityManagerFactory for persistence unit 'default'
2017-07-21 17:11:16.848 INFO 15743 --- [main] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [
    name: default
    ...]
2017-07-21 17:11:16.929 INFO 15743 --- [main] org.hibernate.Version : HHH000412: Hibernate Core {5.0.12.Final}
2017-07-21 17:11:16.930 INFO 15743 --- [main] org.hibernate.cfg.Environment : HHH000206: hibernate.properties not found
2017-07-21 17:11:16.932 INFO 15743 --- [main] org.hibernate.cfg.Environment : HHH000021: Bytecode provider name : javassist
2017-07-21 17:11:17.062 INFO 15743 --- [main] o.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations {5.0.1.Final}
2017-07-21 17:11:17.167 INFO 15743 --- [main] org.hibernate.dialect.Dialect : HHH000400: Using dialect: org.hibernate.dialect.MySQL5Dialect
2017-07-21 17:11:17.660 INFO 15743 --- [main] j.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFactory for persistence unit 'default'
2017-07-21 17:11:18.272 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerAdapter : Looking for @ControllerAdvice: org.springframework.boot.context.embedded.An
2017-07-21 17:11:18.367 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[]" onto public java.lang.String br.senai.sp.teste.controller.Co
2017-07-21 17:11:18.368 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[/[listaComandas]]" onto public java.lang.String br.senai.sp.teste.
2017-07-21 17:11:18.369 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[/[cadComanda]]" onto public org.springframework.web.servlet.ModelA
2017-07-21 17:11:18.369 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[/[incluirComanda]]" onto public org.springframework.web.servlet.Mod
2017-07-21 17:11:18.369 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[/[removeComanda],methods=[POST]]" onto public java.lang.String br.
2017-07-21 17:11:18.369 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[/[cadItem]]" onto public org.springframework.web.servlet.ModelAndV
2017-07-21 17:11:18.370 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[/[incluirItem]]" onto public org.springframework.web.servlet.ModelA
2017-07-21 17:11:18.370 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[/[voltarDoItem]]" onto public org.springframework.web.servlet.Model
2017-07-21 17:11:18.370 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[/[removeItem],methods=[POST]]" onto public org.springframework.web
2017-07-21 17:11:18.374 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[/[error]]" onto public org.springframework.http.ResponseEntity<jav
2017-07-21 17:11:18.376 INFO 15743 --- [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapped "[/[error],produces=[text/html]]" onto public org.springframework.we
2017-07-21 17:11:18.443 INFO 15743 --- [main] o.s.w.s.handler.SimpleUrlHandlerMapping : Mapped URL path [/webjars/**] onto handler of type [class org.springframework
2017-07-21 17:11:18.444 INFO 15743 --- [main] o.s.w.s.handler.SimpleUrlHandlerMapping : Mapped URL path [/**] onto handler of type [class org.springframework.web.s
2017-07-21 17:11:18.546 INFO 15743 --- [main] o.s.w.s.handler.SimpleUrlHandlerMapping : Mapped URL path [/**/favicon.ico] onto handler of type [class org.springfra
2017-07-21 17:11:19.239 INFO 15743 --- [main] o.s.j.e.a.AnnotationMBeanExporter : Registering beans for JMX exposure on startup
2017-07-21 17:11:19.312 INFO 15743 --- [main] s.b.c.e.t.TomcatEmbeddedServletContainer : Tomcat started on port(s): 8080 (http)
2017-07-21 17:11:19.318 INFO 15743 --- [main] br.senai.sp.teste.TesteApplication : Started TesteApplication in 15.53 seconds (JVM running for 15.91)

```


Configuração com o Gradle

```
apply plugin: 'java'
apply plugin: 'eclipse'
apply plugin: 'org.springframework.boot'
apply plugin: 'io.spring.dependency-management'

group = 'br.senai.sp.informatica'
version = '0.0.1-SNAPSHOT'
sourceCompatibility = 1.8

repositories {
    mavenCentral()
}

dependencies {
    compile('org.springframework.boot:spring-boot-starter-data-jpa')
    compile('org.springframework.boot:spring-boot-starter-thymeleaf')
    compile('org.springframework.boot:spring-boot-starter-web')
    runtime('mysql:mysql-connector-java')
    compileOnly('org.projectlombok:lombok')
    testCompile('org.springframework.boot:spring-boot-starter-test')
}
```

build.gradle

<https://docs.spring.io/spring-boot/docs/current/reference/html/index.html>

Spring Boot Reference Guide

Next

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Authors

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2.0.4.RELEASE

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