



Curso de TI

UBTECH-TI

Programação Avançada para Web



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Mestre em Informática (UFPB)
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Programação Avançada para web.

Introdução ao Spring Framework

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Linkedin: <https://br.linkedin.com/in/rodrigofujioka>

Versão: [1.0.0] – 2019-03-05



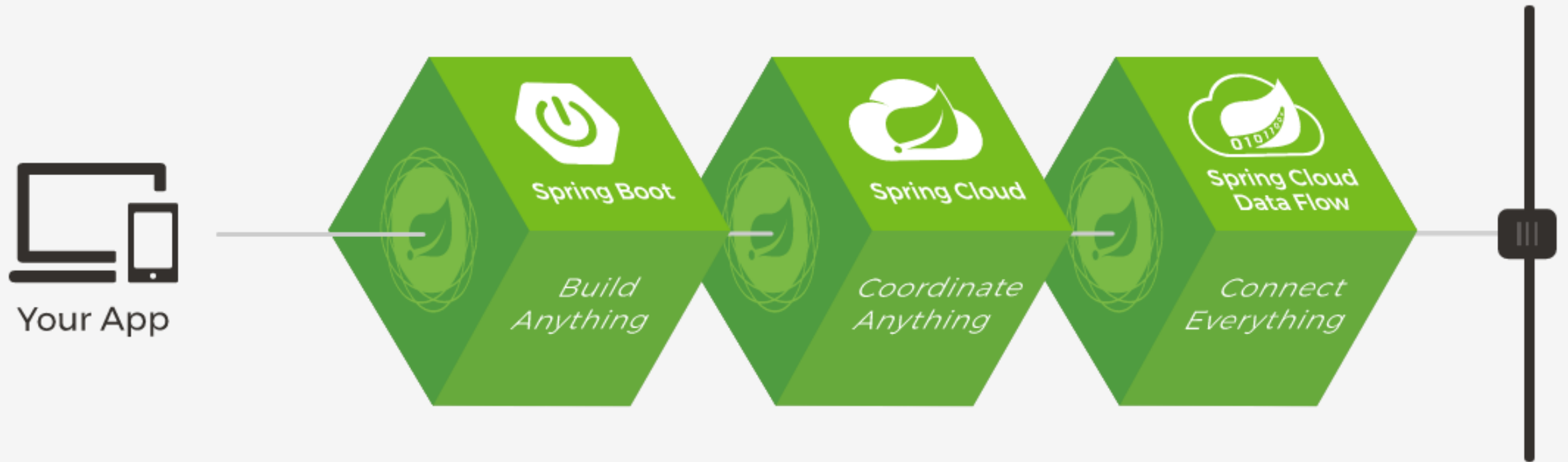
Spring Framework 5

The right stack for the right job.

End-to-end support for reactive & servlet based apps on the JVM. [Learn More](#)



Spring: the source for modern java



Spring Boot

Spring Cloud

Spring Cloud Data

Vamos entender um pouco o que é ?

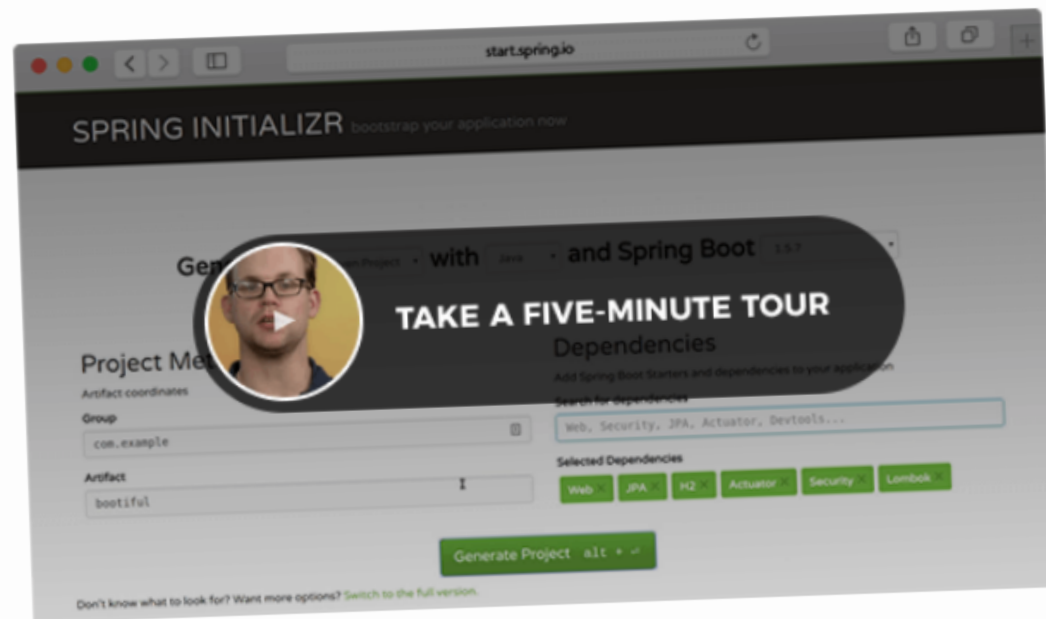


Spring Boot

BUILD ANYTHING WITH SPRING BOOT

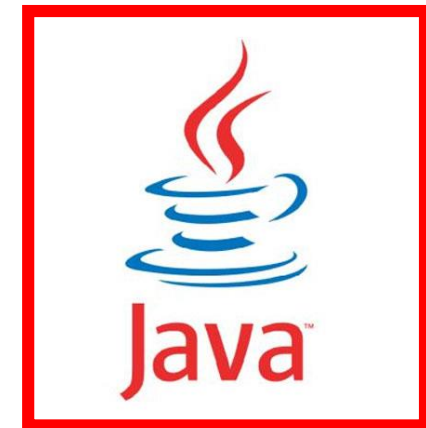
Spring Boot is the starting point for building all Spring-based applications. Spring Boot is designed to get you up and running as quickly as possible, with minimal upfront configuration of Spring.

- Get started in seconds using Spring Initializr
- Build anything: REST API, WebSocket, web, streaming, tasks, and more
- Simplified security
- Rich support for SQL and NoSQL
- Embedded runtime support: Tomcat, Jetty, and







GitLab



Visual Studio Code



New Spring Starter Project

Service URL

https://start.spring.io

Name

ProgramacaoAvancada

☒ Use default location

Location

C:\ambiente\sistemas\java\ProgramacaoAvancada

Browse

Type:

Maven

Packaging:

Jar

Java Version:

12

Language:

Java

Group

com.rodrigofujioka.aula.web

Artifact

ProgramacaoAvancada

Version

0.0.1-SNAPSHOT

Description

Projeto para disciplinas de programação para web (Básico ao Avançado)

Package

com.rodrigofujioka.web


Working sets

☐ Add project to working sets

New...

Working sets:

Select...




< Back


Next >

Finish

Cancel



— □ ×



New Spring Starter Project Dependencies

Spring Boot Version: 2.1.5

Frequently Used:

☐ HSQLDB

☒ JPA

☐ Web

Available:

Selected:

res

▼ Cloud Circuit Breaker

☐ Turbine Stream

▼ Cloud Contract

☐ Cloud Contract Stub Runner

▼ Cloud Core

☐ Cloud Bootstrap

☐ Cloud Task

▼ Cloud Messaging

☐ Cloud Bus

☐ Cloud Stream

☐ Reactive Cloud Stream


▼ Cloud Routing

X JPA

X H2

Make Default

Clear Selection



< Back

Next >

Finish

Cancel



New Spring Starter Project

Site Info

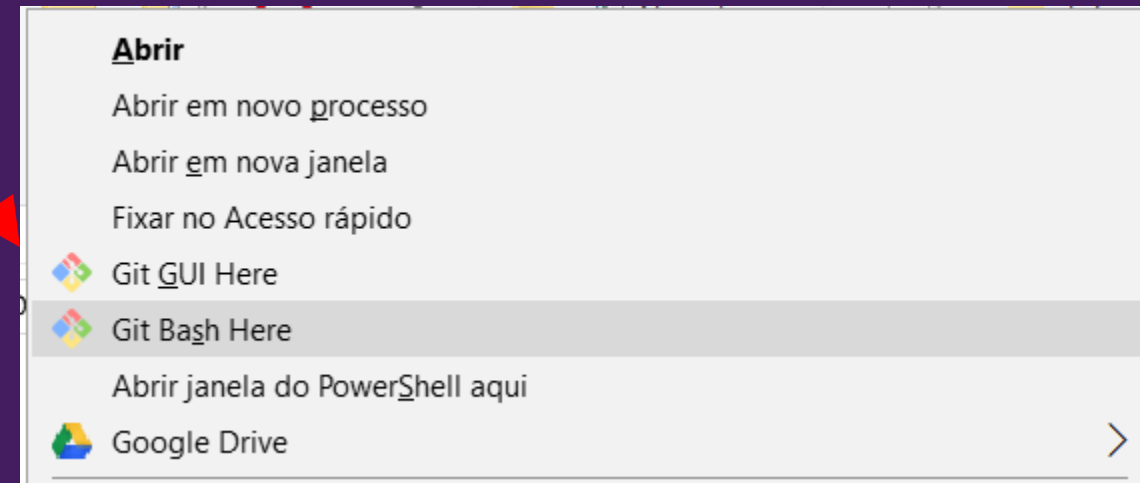
Base Url

Full Url

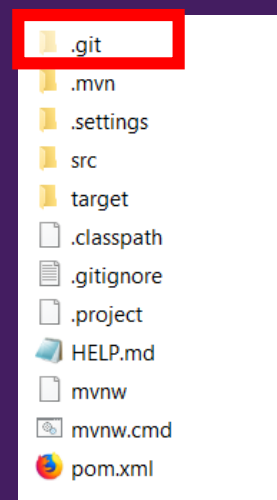
? < Back Next > Finish Cancel

ProgramacaoAvancada 24/05/2019 23:46 Pasta de arquivos

Nome	Data de modificaç...
.mvn	24/05/2019 23:24
.settings	24/05/2019 23:26
src	24/05/2019 23:24
target	24/05/2019 23:26
.classpath	24/05/2019 23:26
.gitignore	24/05/2019 23:24
.project	24/05/2019 23:26
HELP.md	24/05/2019 23:24
mvnw	24/05/2019 23:24
mvnw.cmd	24/05/2019 23:24
pom.xml	24/05/2019 23:24



```
rodri@DESKTOP-BNR5NU5 MINGW64 /c/ambiente/sistemas/java/ProgramacaoAvancada
$ git init .
Initialized empty Git repository in C:/ambiente/sistemas/java/ProgramacaoAvancada/.git/
rodri@DESKTOP-BNR5NU5 MINGW64 /c/ambiente/sistemas/java/ProgramacaoAvancada (master)
$ |
```



```
rodri@DESKTOP-BNR5NU5 MINGW64 /c/ambiente/sistemas/java/ProgramacaoAvancada (master)
$ git config -l
core.symlinks=false
core.autocrlf=true
core.fscache=true
color.diff=auto
color.status=auto
color.branch=auto
color.interactive=true
help.format=html
rebase.autosquash=true
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
credential.helper=manager
user.name=Rodrigo Fujioka
user.email=rodrigofujioka@gmail.com
credential.helper=manager
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
core.hidedotfiles=dotGitOnly
```

```
rodri@DESKTOP-BNR5NU5 MINGW64 /c/ambiente/sistemas/java/ProgramacaoAvancada (master)
$ git config --global user.name "Rodrigo Fujioka"

rodri@DESKTOP-BNR5NU5 MINGW64 /c/ambiente/sistemas/java/ProgramacaoAvancada (master)
$ git config --global user.email "rodrigofujioka@gmail.com"
```

```
rodri@DESKTOP-BNR5NU5 MINGW64 /c/ambiente/sistemas/java/ProgramacaoAvancada (master)
$ git status
On branch master

Initial commit

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        .gitignore
        .mvn/
        mvnw
        mvnw.cmd
        pom.xml
        src/

nothing added to commit but untracked files present (use "git add" to track)
```

1 - GIT ADD ●

```
rodri@DESKTOP-BNR5NU5 MINGW64 /c/ambiente/sistemas/java/ProgramacaoAvancada (master)
$ git status
On branch master

no changes to be committed:
  (use "git rm --cached <file>..." to unstage)

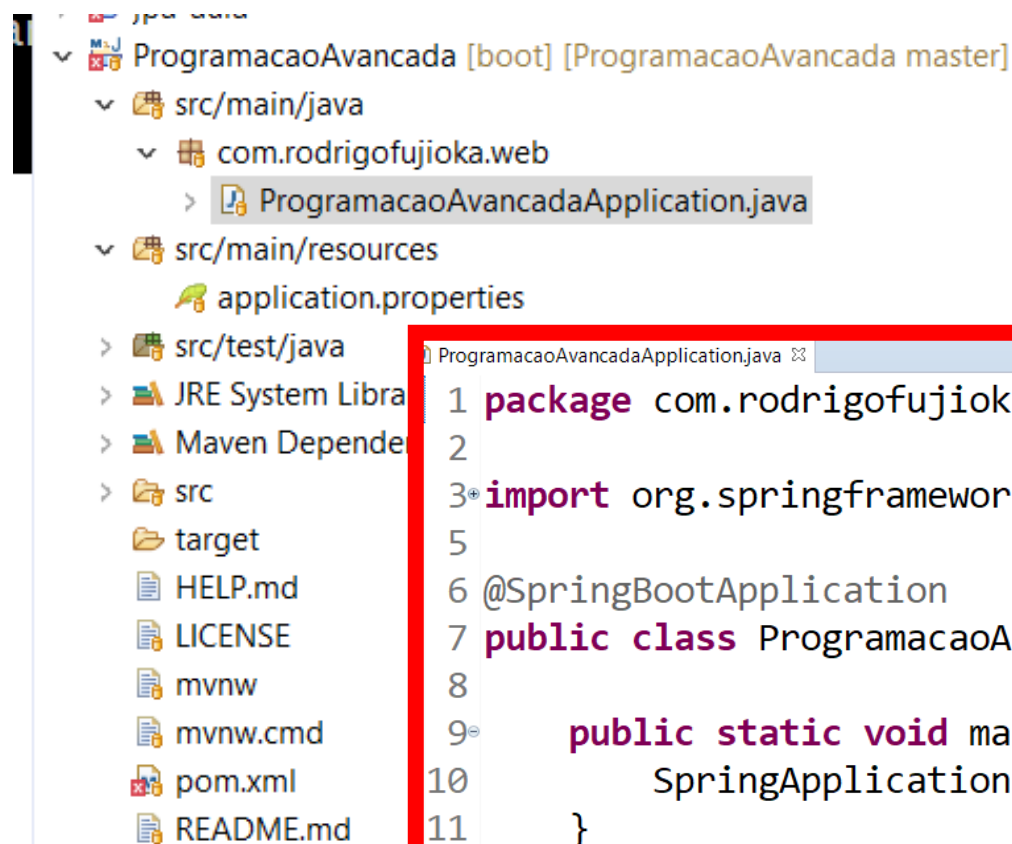
new file:   .gitignore
new file:   .mvn/wrapper/MavenWrapperDownloader.java
new file:   .mvn/wrapper/maven-wrapper.jar
new file:   .mvn/wrapper/maven-wrapper.properties
new file:   mvnw
new file:   mvnw.cmd
new file:   pom.xml
new file:   src/main/java/com/rodrigofujioka/web/ProgramacaoAvancadaApplication.java
new file:   src/main/resources/application.properties
new file:   src/test/java/com/rodrigofujioka/web/ProgramacaoAvancadaApplicationTests.java
```

3 - GIT STATUS

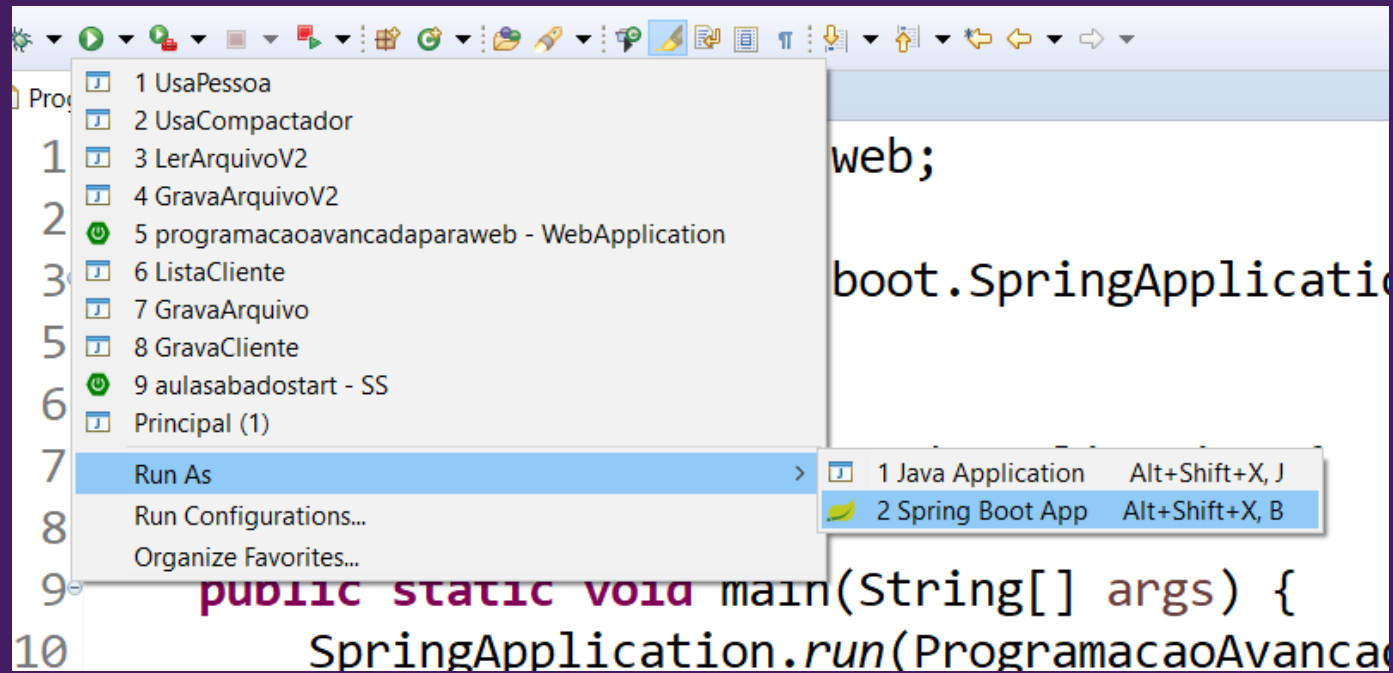
3 - GIT **commit -m** “COMENTÁRIO PARA COMMIT”

GIT REMOTE ADD origin (URL do seu Fork)
GIT REMOTE ADD upstream (URL principal)
GIT COMMIT -M "MENSAGEM"
GIT PUSH ORIGIN MASTER

```
rodri@DESKTOP-BNR5NU5 MINGW64 /c/ambiente/sistemas/java/ProgramacaoAvancada (master)
$ git push origin master
Fatal: HttpRequestException encountered.
Fatal: HttpRequestException encountered.
Username for 'https://github.com': rodrigofujioka
Counting objects: 29, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (20/20), done.
Writing objects: 100% (29/29), 50.09 KiB | 0 bytes/s, done.
Total 29 (delta 3), reused 0 (delta 0)
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/rodrigofujioka/programacaoweb.git
   2ae487d..582062f  master -> master
```



```
ProgramacaoAvancadaApplication.java x
1 package com.rodrigofujioka.web;
2
3 import org.springframework.boot.SpringApplication;
4
5
6 @SpringBootApplication
7 public class ProgramacaoAvancadaApplication {
8
9     public static void main(String[] args) {
10         SpringApplication.run(ProgramacaoAvancadaApplication.class, args);
11     }
12
13 }
```



<https://github.com/professorfujioka/programacaoweb.git>

Versões

Versão: [1.0.0] – 2019-02-10 – Criação do Slide - 10/02/2019