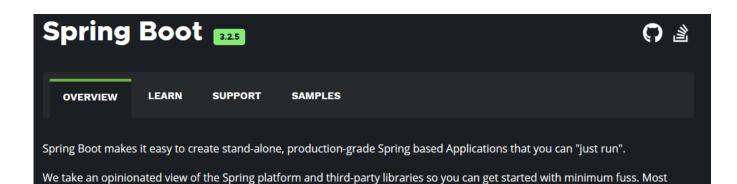
# Introduction to Spring Boot

Intructor: Nguyễn Trung Nghĩa



If you're looking for information about a specific version, or instructions about how to upgrade from an earlier release, check out

# What is Spring Boot? <a href="mailto:Spring Boot">Spring Boot</a>

the project release notes section **on our wiki.** 

Spring Boot applications need minimal Spring configuration.

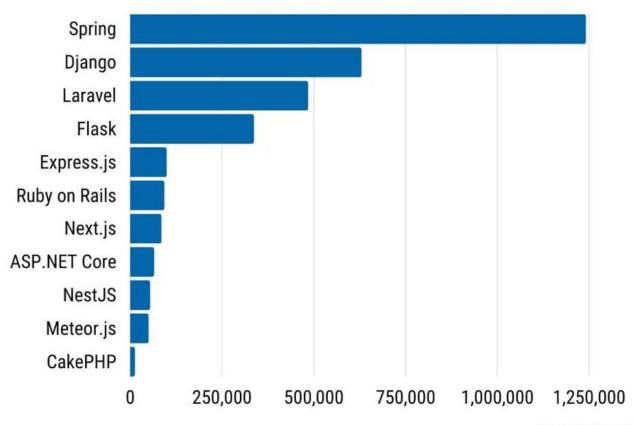
#### **Features**

- Create stand-alone Spring applications
- Embed Tomcat, Jetty or Undertow directly (no need to deploy WAR files)
- Provide opinionated 'starter' dependencies to simplify your build configuration
- Automatically configure Spring and 3rd party libraries whenever possible
- Provide production-ready features such as metrics, health checks, and externalized configuration
- Absolutely no code generation and no requirement for XML configuration

#### Why Spring Boot

#### Most Popular Backend Frameworks for 2023

Based on Number of GitHub Repository Results

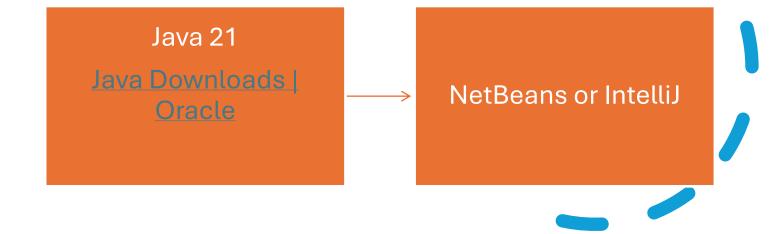


By: CodingNomads

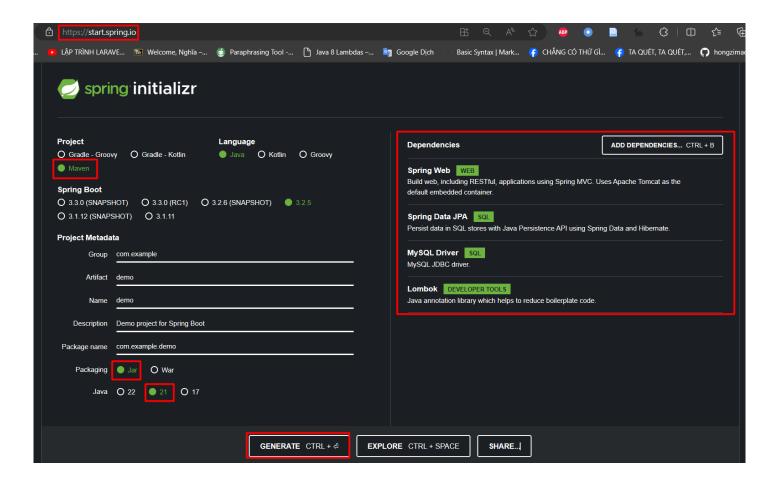
```
Microsoft Windows [Version 10.0.22631.3447]
(c) Microsoft Corporation. All rights reserved.

C:\Users\meoco>java --version
java 21.0.3 2024-04-16 LTS
Java(TM) SE Runtime Environment (build 21.0.3+7-LTS-152)
Java HotSpot(TM) 64-Bit Server VM (build 21.0.3+7-LTS-152, mixed mode, sharing)
```

#### Installation

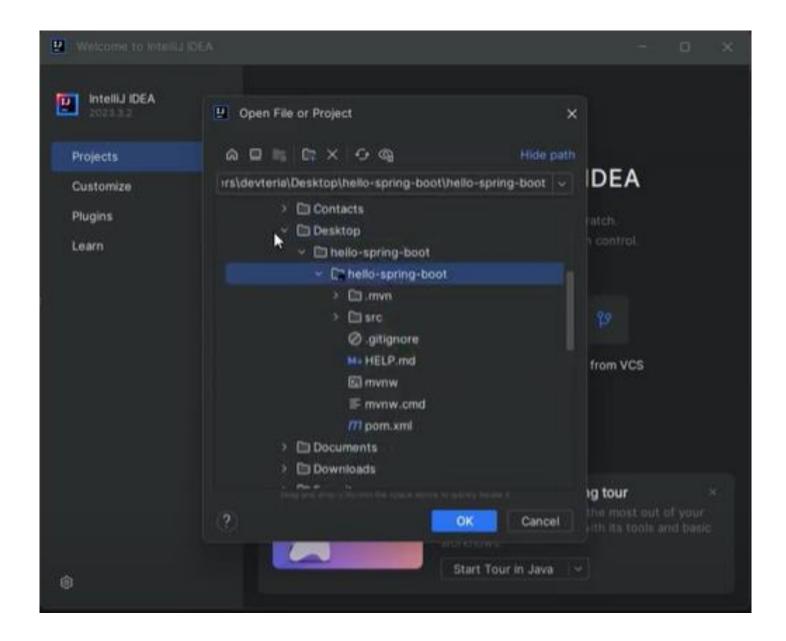


# Hello World to SpringBoot



**Link: Spring Initialize** 

## Open Project by IntelliJ or Netbeans

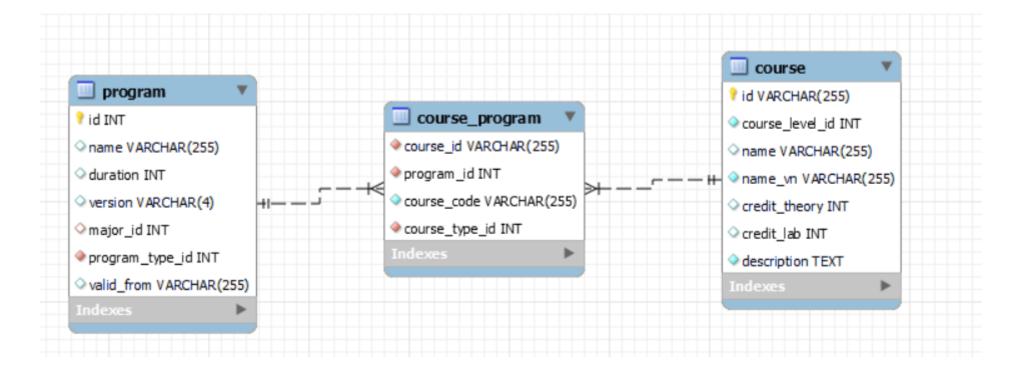


### Guide

- Spring | Quickstart
- Spring Boot CRUD Application with Thymeleaf | Baeldung

#### Create Database

- User the SQL file from your BB
- Schema here:



### Config

```
spring.application.name=web5
     # Database config
4
     spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
     spring.datasource.url=jdbc:mysql://localhost:3306/weblab5
     spring.datasource.username=root
     spring.datasource.password=root
     #JPA config
     spring.jpa.database-platform=org.hibernate.dialect.MySQLDialect
     spring.jpa.hibernate.naming.physical-strategy=org.hibernate.boot.model.naming.PhysicalNamingStrategyStanda
     spring.jpa.properties.hibernate.format_sql=true
     # View config
     spring.mvc.view.prefix=/views/
     spring.mvc.view.suffix=.jsp
```

# Run Project

