

Spring Data JPA - Quick Example

Output screenshots:

The screenshot shows the Spring Initializr web application in a browser. The URL is `start.spring.io`. The page is titled "spring initializr".

Project

- ☐ Gradle - Groovy
- ☐ Gradle - Kotlin
- ☒ Maven

Language

- ☒ Java
- ☐ Kotlin
- ☐ Groovy

Spring Boot

- ☐ 4.0.0 (SNAPSHOT)
- ☐ 3.5.4 (SNAPSHOT)
- ☒ 3.5.3
- ☐ 3.4.8 (SNAPSHOT)
- ☐ 3.4.7
- ☐ 3.3.13

Project Metadata

Group:

Artifact:

Name:

Description:

Package name:

Packaging: ☒ Jar ☐ War

Java: ☐ 24 ☐ 21 ☒ 17

Dependencies

Spring Boot DevTools DEVELOPER TOOLS
Provides fast application restarts, LiveReload, and configurations for enhanced development experience.

Spring Data JPA SQL
Persist data in SQL stores with Java Persistence API using Spring Data and Hibernate.

MySQL Driver SQL
MySQL JDBC driver.

Buttons:

- GENERATE ⌘ + ↵
- EXPLORE CTRL + SPACE
- ...

src > test > java > com > cognizant > orm_learn > J OrmLearnApplication.java > ...

```
1 package com.cognizant.ormLearn;
2
3 import com.cognizant.ormLearn.model.Country;
4 import com.cognizant.ormLearn.service.CountryService;
5 import org.slf4j.Logger;
6 import org.slf4j.LoggerFactory;
7 import org.springframework.boot.SpringApplication;
8 import org.springframework.boot.autoconfigure.SpringBootApplication;
9 import org.springframework.context.ApplicationContext;
10
11 import java.util.List;
12
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Your MySQL connection id is 52
Server version: 9.3.0 Homebrew

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Type 'help;' or 'h' for help. Type 'c' to clear the current input statement.

mysql> USE ormLearn;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT * FROM country;

co_code	co_name
IN	India
US	United States of America

2 rows in set (0.000 sec)

mysql> exit
Bye
shaliya@shaliya-MacBook-Air orm_learn % mvn clean install

[INFO] Scanning for projects...
[INFO] Building orm_learn 0.0.1-SNAPSHOT
[INFO] from pom.xml
[INFO] [jar]
[INFO] --- clean:3.4.1:clean (default-clean) @ orm_learn ---
[INFO] Deleting /Users/shaliya/Downloads/orm_learn/target
[INFO]

src > test > java > com > cognizant > orm_learn > J OrmLearnApplication.java > ...

```
1 package com.cognizant.ormLearn;
2
3 import com.cognizant.ormLearn.model.Country;
4 import com.cognizant.ormLearn.service.CountryService;
5 import org.slf4j.Logger;
6 import org.slf4j.LoggerFactory;
7 import org.springframework.boot.SpringApplication;
8 import org.springframework.boot.autoconfigure.SpringBootApplication;
9 import org.springframework.context.ApplicationContext;
10
11 import java.util.List;
12
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

mysql> INSERT INTO country VALUES ('IN', 'India');
Query OK, 1 row affected (0.006 sec)

mysql> INSERT INTO country VALUES ('US', 'United States of America');
Query OK, 1 row affected (0.006 sec)

mysql> exit
Bye
shaliya@shaliya-MacBook-Air orm_learn % mysql -u root

Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 52
Server version: 9.3.0 Homebrew

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mysql>