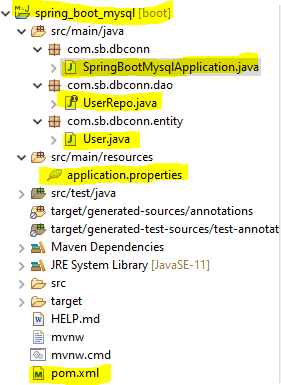
**Db configuration in application.properies file | JPA with Spring Boot**



pox.xml:

**<?xml version="1.0" encoding="UTF-8"?>**

**<project xmlns="http://maven.apache.org/POM/4.0.0"**

**xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"**

**xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">**

**<modelVersion>4.0.0</modelVersion>**

**<parent>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId>spring-boot-starter-parent</artifactId>**

**<version>3.1.5</version>**

**<relativePath /> <!-- lookup parent from repository -->**

**</parent>**

**<groupId>com</groupId>**

**<artifactId>springboot.mysql</artifactId>**

**<version>0.0.1-SNAPSHOT</version>**

**<name>spring\_boot\_mysql</name>**

**<description>Project for Spring JDBC with Hibernate</description>**

**<properties>**

**<java.version>17</java.version>**

**</properties>**

**<dependencies>**

**<dependency>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId>spring-boot-starter-data-jpa</artifactId>**

**</dependency>**

**<dependency>**

**<groupId>com.mysql</groupId>**

**<artifactId>mysql-connector-j</artifactId>**

**<scope>runtime</scope>**

**</dependency>**

**<dependency>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId>spring-boot-starter-test</artifactId>**

**<scope>test</scope>**

**</dependency>**

**<dependency>**

**<groupId>javax.persistence</groupId>**

**<artifactId>javax.persistence-api</artifactId>**

**<version>2.2</version>**

**</dependency>**

**</dependencies>**

**<build>**

**<plugins>**

**<plugin>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId>spring-boot-maven-plugin</artifactId>**

**</plugin>**

**</plugins>**

**</build>**

**</project>**

**package com.sb.dbconn.entity;**

**import jakarta.persistence.Entity;**

**import jakarta.persistence.GeneratedValue;**

**import jakarta.persistence.GenerationType;**

**import jakarta.persistence.Id;**

**@Entity**

**public class User {**

**@Id**

**@GeneratedValue(strategy = GenerationType.*AUTO*)**

**private int id;**

**private String name;**

**private String city;**

**private String status;**

**public User() {**

**super();**

**}**

**public User(int id, String name, String city, String status) {**

**super();**

**this.id = id;**

**this.name = name;**

**this.city = city;**

**this.status = status;**

**}**

**public int getId() {**

**return id;**

**}**

**public void setId(int id) {**

**this.id = id;**

**}**

**public String getName() {**

**return name;**

**}**

**public void setName(String name) {**

**this.name = name;**

**}**

**public String getCity() {**

**return city;**

**}**

**public void setCity(String city) {**

**this.city = city;**

**}**

**public String getStatus() {**

**return status;**

**}**

**public void setStatus(String status) {**

**this.status = status;**

**}**

**}**

**package com.sb.dbconn.dao;**

**import org.springframework.data.repository.CrudRepository;**

**import com.sb.dbconn.entity.User;**

**public interface UserRepo extends CrudRepository<User, Integer> {**

**}**

application.properties:

**spring.jpa.hibernate.ddl-auto=update**

**spring.datasource.url=jdbc:mysql://localhost:3306/springdb**

**spring.datasource.username=root**

**spring.datasource.password=root**

**spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver**

**spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MySQL57Dialect**

**#spring.jpa.show-sql: true**

**package com.sb.dbconn;**

**import org.springframework.boot.SpringApplication;**

**import org.springframework.boot.autoconfigure.SpringBootApplication;**

**import org.springframework.context.ApplicationContext;**

**import com.sb.dbconn.dao.UserRepo;**

**import com.sb.dbconn.entity.User;**

**@SpringBootApplication**

**public class SpringBootMysqlApplication {**

**public static void main(String[] args) {**

**ApplicationContext context = SpringApplication.*run*(SpringBootMysqlApplication.class, args);**

**UserRepo repo = context.getBean(UserRepo.class);**

**User user = new User();**

**user.setId(123);**

**user.setName("sai narendra");**

**user.setCity("narsapur");**

**user.setStatus("I am learning spring boot !!!");**

**User data1 = repo.save(user);**

**System.*out*.println(data1);**

**}**

**}**

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**[32m :: Spring Boot :: [39m [2m (v3.1.5)[0;39m**

**[2m2023-10-27T23:01:29.642+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36mc.sb.dbconn.SpringBootMysqlApplication [0;39m [2m:[0;39m Starting SpringBootMysqlApplication using Java 17.0.7 with PID 6560 (E:\Programming\springboot-workspace\spring\_boot\_mysql\target\classes started by Admin in E:\Programming\springboot-workspace\spring\_boot\_mysql)**

**[2m2023-10-27T23:01:29.648+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36mc.sb.dbconn.SpringBootMysqlApplication [0;39m [2m:[0;39m No active profile set, falling back to 1 default profile: "default"**

**[2m2023-10-27T23:01:30.387+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36m.s.d.r.c.RepositoryConfigurationDelegate[0;39m [2m:[0;39m Bootstrapping Spring Data JPA repositories in DEFAULT mode.**

**[2m2023-10-27T23:01:30.479+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36m.s.d.r.c.RepositoryConfigurationDelegate[0;39m [2m:[0;39m Finished Spring Data repository scanning in 70 ms. Found 1 JPA repository interfaces.**

**[2m2023-10-27T23:01:31.020+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36mo.hibernate.jpa.internal.util.LogHelper [0;39m [2m:[0;39m HHH000204: Processing PersistenceUnitInfo [name: default]**

**[2m2023-10-27T23:01:31.110+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36morg.hibernate.Version [0;39m [2m:[0;39m HHH000412: Hibernate ORM core version 6.2.13.Final**

**[2m2023-10-27T23:01:31.114+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36morg.hibernate.cfg.Environment [0;39m [2m:[0;39m HHH000406: Using bytecode reflection optimizer**

**[2m2023-10-27T23:01:31.545+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36mo.s.o.j.p.SpringPersistenceUnitInfo [0;39m [2m:[0;39m No LoadTimeWeaver setup: ignoring JPA class transformer**

**[2m2023-10-27T23:01:31.589+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36mcom.zaxxer.hikari.HikariDataSource [0;39m [2m:[0;39m HikariPool-1 - Starting...**

**[2m2023-10-27T23:01:32.308+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36mcom.zaxxer.hikari.pool.HikariPool [0;39m [2m:[0;39m HikariPool-1 - Added connection com.mysql.cj.jdbc.ConnectionImpl@6806468e**

**[2m2023-10-27T23:01:32.312+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36mcom.zaxxer.hikari.HikariDataSource [0;39m [2m:[0;39m HikariPool-1 - Start completed.**

**[2m2023-10-27T23:01:32.590+05:30[0;39m [33m WARN[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36morg.hibernate.orm.deprecation [0;39m [2m:[0;39m HHH90000025: MySQL57Dialect does not need to be specified explicitly using 'hibernate.dialect' (remove the property setting and it will be selected by default)**

**[2m2023-10-27T23:01:32.592+05:30[0;39m [33m WARN[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36morg.hibernate.orm.deprecation [0;39m [2m:[0;39m HHH90000026: MySQL57Dialect has been deprecated; use org.hibernate.dialect.MySQLDialect instead**

**[2m2023-10-27T23:01:37.022+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36mo.h.e.t.j.p.i.JtaPlatformInitiator [0;39m [2m:[0;39m HHH000489: No JTA platform available (set 'hibernate.transaction.jta.platform' to enable JTA platform integration)**

**[2m2023-10-27T23:01:39.292+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36mj.LocalContainerEntityManagerFactoryBean[0;39m [2m:[0;39m Initialized JPA EntityManagerFactory for persistence unit 'default'**

**[2m2023-10-27T23:01:41.467+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ main][0;39m [36mc.sb.dbconn.SpringBootMysqlApplication [0;39m [2m:[0;39m Started SpringBootMysqlApplication in 12.404 seconds (process running for 13.777)**

**com.sb.dbconn.entity.User@47374fa5**

**[2m2023-10-27T23:01:42.789+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ionShutdownHook][0;39m [36mj.LocalContainerEntityManagerFactoryBean[0;39m [2m:[0;39m Closing JPA EntityManagerFactory for persistence unit 'default'**

**[2m2023-10-27T23:01:42.799+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ionShutdownHook][0;39m [36mcom.zaxxer.hikari.HikariDataSource [0;39m [2m:[0;39m HikariPool-1 - Shutdown initiated...**

**[2m2023-10-27T23:01:42.826+05:30[0;39m [32m INFO[0;39m [35m6560[0;39m [2m---[0;39m [2m[ionShutdownHook][0;39m [36mcom.zaxxer.hikari.HikariDataSource [0;39m [2m:[0;39m HikariPool-1 - Shutdown completed.**

