**SPRING DATA JPA – QUICK EXAMPLE**

**pom.xml**

<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

http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>demo</groupId>

<artifactId>simple-spring</artifactId>

<version>1.0</version>

<properties>

<maven.compiler.source>1.8</maven.compiler.source>

<maven.compiler.target>1.8</maven.compiler.target>

</properties>

<dependencies>

<dependency>

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

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

<version>2.7.18</version>

</dependency>

<dependency>

<groupId>com.h2database</groupId>

<artifactId>h2</artifactId>

<version>2.2.224</version>

<scope>runtime</scope>

</dependency>

</dependencies>

</project>

**Book.java**

package demo;

import javax.persistence.\*;

@Entity

public class Book {

@Id @GeneratedValue private Long id;

private String title;

public Book() {}

public Book(String title){this.title=title;}

public String toString(){return id + ": " + title;}

}

**BookRepo.java**

package demo;

import org.springframework.data.jpa.repository.JpaRepository;

public interface BookRepo extends JpaRepository<Book, Long>{}

App.java

package demo;

import org.springframework.boot.\*;

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

import org.springframework.data.jpa.repository.config.EnableJpaRepositories;

import org.springframework.beans.factory.annotation.Autowired;

@SpringBootApplication @EnableJpaRepositories

public class App implements CommandLineRunner {

@Autowired private BookRepo repo;

public static void main(String[] args){

SpringApplication.run(App.class,args);

}

public void run(String... args){

repo.save(new Book("Spring Made Easy"));

repo.save(new Book("Learn Java"));

repo.findAll().forEach(System.out::println);

}

}

**output**

C:\Users\DK\Downloads\output_simple.png