

JPA and Spring Data

JPA

JPA is a Java Standard for SQL database access

JPA stands for Java Persistence API

It is an ORM – an Object Relational Mapping

Java objects are persisted in the database by mapping objects to database tables and let JPA handle the details

With JPA we as developers don't write any SQL



Spring Data

Spring Data is part of the Spring Framework

It integrates with many different databases
(SQL and NOSQL)

Spring Data automates use of JPA by automatically creating the implementations of methods that we as developers specify in a Repository Interface

With Spring Data JPA we don't write SQL, and we don't even write any methods, we just create an Interface!



Demo and exercises

Let's do a demo and then the exercises!