

Agenda

1. Response Entity
2. Controller Advice
3. Spring data jpa.

If you're to interact with database, what are the steps involved?

1. Establish a connection with the database.

2. Write sql queries

3. Execute the queries

4. Retrieving the rows

5. Convert the rows into objects

→ application.properties.

database-url : _____

username : _____

password : _____

type of db : _____

spring.application.name=products

✓ spring.datasource.url = jdbc:mysql://127.0.0.1:3306/productservice

✓ spring.datasource.username = root

✓ spring.datasource.password =

spring.jpa.show-sql = true ⇒ optional

spring.jpa.hibernate.ddl-auto = create ⇒ optional

server.port=8080

Write sql queries \Rightarrow The common sql queries.

Execute the queries

Retrieving the rows

Convert the rows into objects

Table.

users

| id | name | salary | age |
|----|------|--------|-----|
| | | | |

select *

from users

where id = 1

select *

from users

where age = 20

select *

from TABLE-NAME

where FIELD-NAME =

class.

interface UserRepository extends JpaRepository <User, Long>

User findById (long id)

User findByName (string name)

User findByAge (int age)

User findBySalary (int salary)