Compte Rendu JPA Hibernate Spring Data ManyToMany Case Users & Roles



Année Universitaire: 2022 - 2023

Table Users

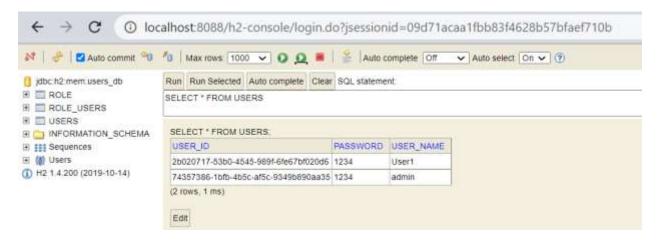


Table Role

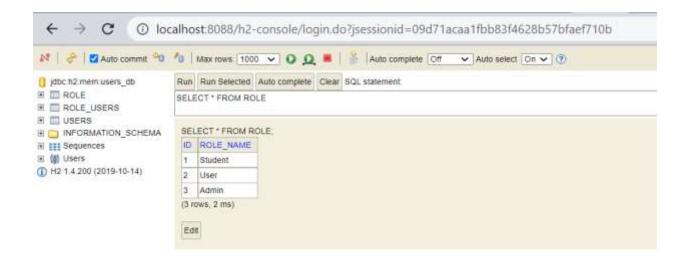
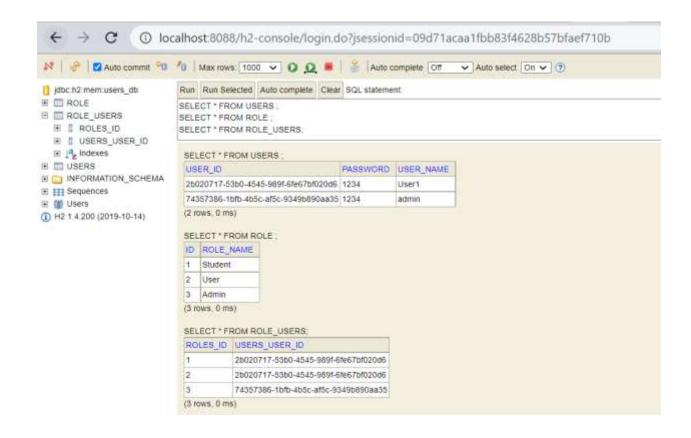


Table d'association ROLE_USERS





L'authentification

```
@Bean

CommandLineRunner start(UserService userService) {

    return args → {

        User user1 = new User();
        user1.setUsername("User1");
        user1.setPassword("1234");
        userService.addUser(user1);

        User user2 = new User();
        user2.setUsername("admin");
        user2.setPassword("1234");
        userService.addUser(user2);
```

```
try {
    User user = userService.authentification( username "User1", password "1234");
    System.out.println(user.toString());
} catch (Exception e) {
    e.printStackTrace();
}
```

Si l'utilisateur authentifié

```
| March | Marc
```

Si userName ou password est incorrect une exception va générer dans la méthode d'authentification

```
@Override
public User authentification(String username, String password) {
    User user = userRepository.findByUsername(username);
    if (username=null) throw new RuntimeException("UserName or Password Incorrect");
    if (user.getPassword().equals(password)){
        return user;
    }
    throw new RuntimeException("UserName or Password Incorrect");
}
```

```
try {
    User user a userService.authentification( username: "User1", password: "incorrectPassword");
    System.out.println(user.toString());
} catch (Exception e) {
    e.printStackTrace();
}
```



java.lang.RuntimeException Create breakpoint: UserName or Password Incorrect