

Creating Records in the Database



Bryan Hansen

DIRECTOR OF SOFTWARE DEVELOPMENT

@bh5k



C CRUD

JdbcTemplate

SimpleJdbcInsert

ORM

Demo

Create Database Table

Create Test and Controller

Create Service Call

Create Repository Call

Create Database Table

```
CREATE TABLE `ride_tracker`.`ride` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `name` VARCHAR(100) NOT NULL,  
  `duration` INT NOT NULL,  
  PRIMARY KEY (`id`));
```

Create Test

```
@Test(timeout=3000)
public void testCreateRide() {
    RestTemplate restTemplate = new RestTemplate();

    Ride ride = new Ride();
    ride.setName("Bobsled Trail");
    ride.setDuration(33);

    restTemplate.put("http://localhost:8080/ride_tracker/
ride", ride);
}
```

Summary

Unit Test and Controller

Service and Repository Tier

JdbcTemplate

SimpleJdbcInsert