Navigator

SCHEMAS

Filter objects

▶ projects
▶ recipes
▶ sys

Details for account projects@%

| Login | Account Limits | Administrative Roles | Schema Privileges |

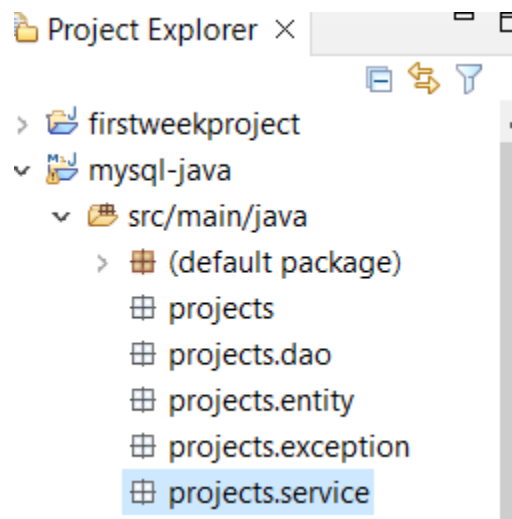| Schema	Privileges
projects	ALTER, ALTER ROUTINE, CREATE, CREATE ROUTINE, CREATE TEMPORARY TABLES, CREATE VIEW, DELETE, DROP, EVENT

```xml
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.or
    <modelVersion>4.0.0</modelVersion>
    <groupId>com.promineotech</groupId>
    <artifactId>mysql-java</artifactId>
    <version>0.0.1-SNAPSHOT</version>

    <properties>
        <java.version>17</java.version>
    </properties>

    <dependencies>
        <!-- https://mvnrepository.com/artifact/mysql/mysql-connector-java -->
        <dependency>
            <groupId>mysql</groupId>
            <artifactId>mysql-connector-java</artifactId>
            <version>8.0.30</version>
        </dependency>
    </dependencies>

    <build>
    <pluginManagement>
        <plugins>
        <plugin>
            <groupId>org.apache.maven.plugins</groupId>
            <artifactId>maven-compiler-plugin</artifactId>
            <version>3.10.1</version>
            <configuration>
              <source>${java.version}</source>
              <target>${java.version}</target>
            </configuration>
        </plugin>
        </plugins>
    </pluginManagement>
    </build>
</project>
```

Project Explorer ×

> firstweekproject
∨ mysql-java
  ∨ src/main/java
    > (default package)
      projects
      projects.dao
      projects.entity
      projects.exception
      projects.service

```java
package projects.exception;

public class DbException extends RuntimeException {

    public DbException() {
        // TODO Auto-generated constructor stub
    }

    public DbException(String message) {
        super(message);
        // TODO Auto-generated constructor stub
    }

    public DbException(Throwable cause) {
        super(cause);
        // TODO Auto-generated constructor stub
    }

    public DbException(String message, Throwable cause) {
        super(message, cause);
        // TODO Auto-generated constructor stub
    }


}
```

```java
package projects.dao;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;

import recipes.exception.DbException;

public class DbConnection {

        private static String SCHEMA = "projects";
        private static String USER = "projects";
        private static String PASSWORD = "projects";
        private static String HOST = "localhost";
        private static int PORT = 3306;

        public static Connection getConnection() {
            String url = String.format("jdbc:mysql://%s:%d/%s?user=%s&password=%s&useSSL=false"

            System.out.println("Connecting with url=" + url);

            try {
                Connection conn = DriverManager.getConnection(url);
                System.out.println("Successfully obtain connection!");
                return conn;
            } catch (SQLException e) {
                System.out.println("Error getting connection.");
                throw new DbException(e);
            }
        }
    }
}
```

```java
1  package projects;
2
3  import projects.dao.DbConnection;
4
5  public class projectsApp {
6
7      public projectsApp() {
8          // TODO Auto-generated constructor stub
9      }
10
11      public static void main(String[] args) {
12          // TODO Auto-generated method stub
13
14      DbConnection.getConnection();
15
16      }
17
18  }
19
```

Console ✕

<terminated> projectsApp [Java Application] C:\Users\UJJVAL\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v2022080

Connecting with url=jdbc:mysql://localhost:3306/projects?user=projects&password=projects&useSSL=false
Successfully obtain connection!