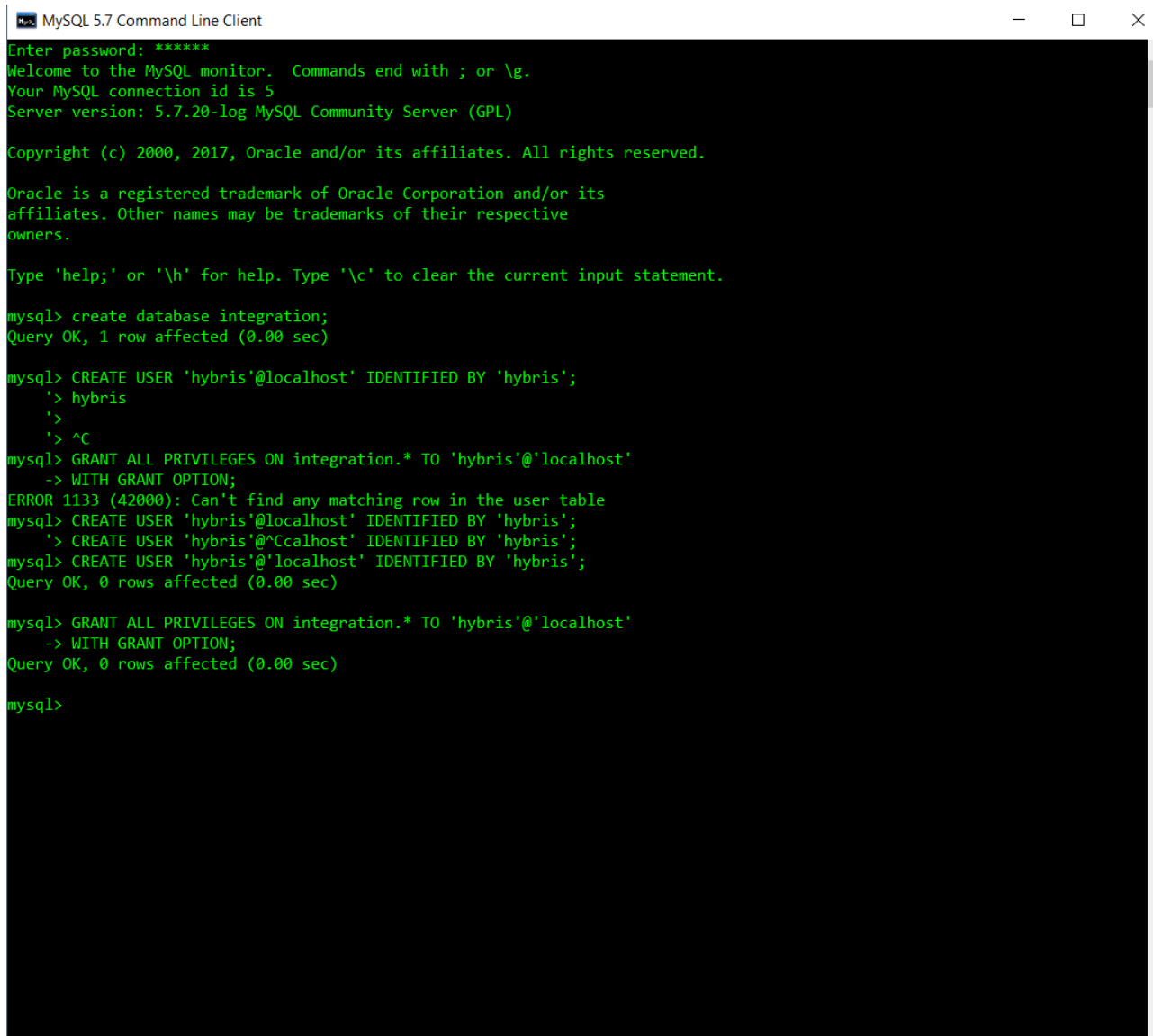


HYBRIS: CORE #10

Task: Run Hybris on MySQL instead of HSQL DB.

Step 1 – Set up MySQL



```
MySQL 5.7 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 5
Server version: 5.7.20-log MySQL Community Server (GPL)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database integration;
Query OK, 1 row affected (0.00 sec)

mysql> CREATE USER 'hybris'@localhost IDENTIFIED BY 'hybris';
-> hybris
->
-> ^C
mysql> GRANT ALL PRIVILEGES ON integration.* TO 'hybris'@'localhost'
-> WITH GRANT OPTION;
ERROR 1133 (42000): Can't find any matching row in the user table
mysql> CREATE USER 'hybris'@localhost IDENTIFIED BY 'hybris';
-> CREATE USER 'hybris'@^Ccalhost IDENTIFIED BY 'hybris';
mysql> CREATE USER 'hybris'@'localhost' IDENTIFIED BY 'hybris';
Query OK, 0 rows affected (0.00 sec)

mysql> GRANT ALL PRIVILEGES ON integration.* TO 'hybris'@'localhost'
-> WITH GRANT OPTION;
Query OK, 0 rows affected (0.00 sec)

mysql>
```

Download and install **MYSQL SERVER** on localhost.
(I used MySQL Community Edition, 5.7.)

Download the **CONNECTOR JAR** and copy under
hybris\bin\platform\tomcat\lib.

CREATE DATABASE and database user.

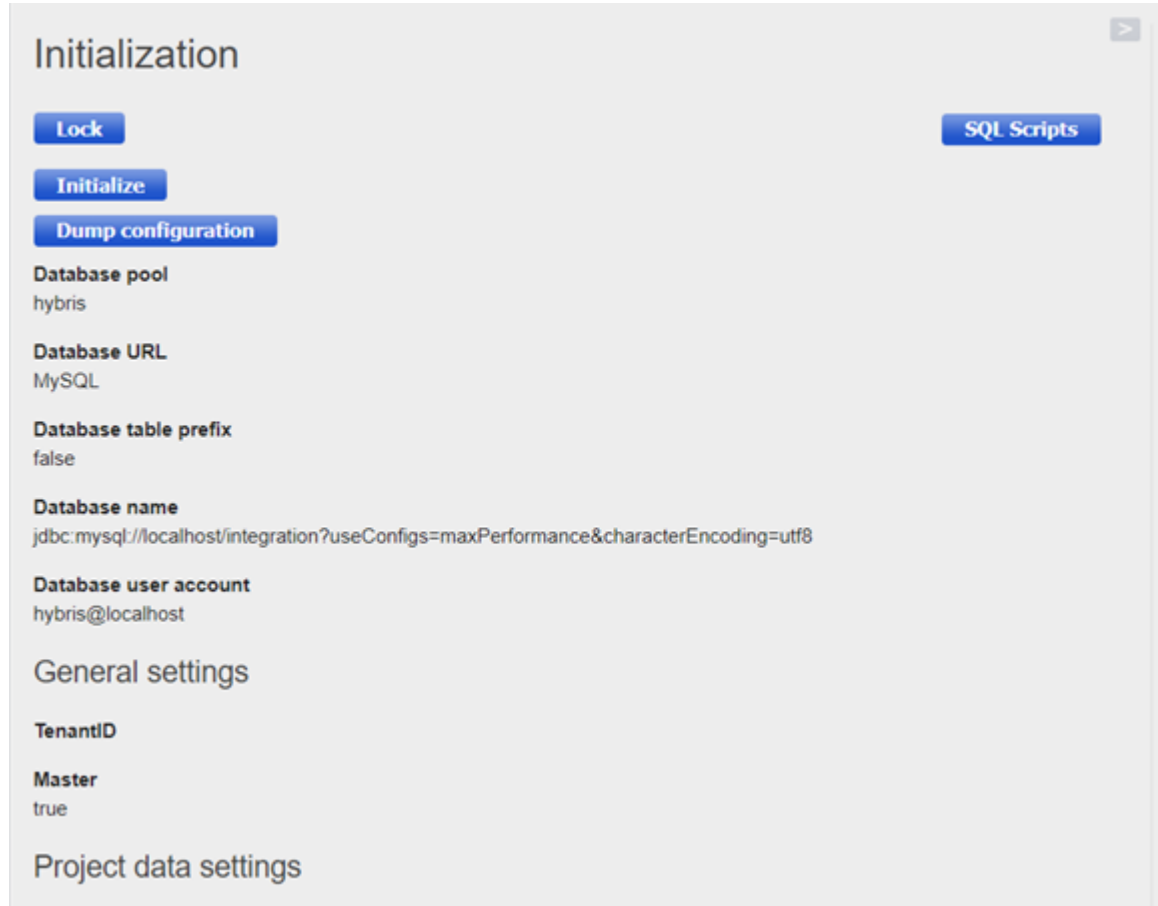
Add privileges to the **DATABASE USER**.

Step 2 – Change Hybris database settings

Database settings of the master tenant can be found in the file of `hybris\bin\platform\project.properties`. However it can be customized in the `local.properties` file in the folder of `hybris\config`.

```
db.url=jdbc:mysql://localhost/integration?useConfigs=maxPerformance&characterEncoding=utf8
db.driver=com.mysql.jdbc.Driver
db.username=hybris
db.password=hybris
db.tableprefix=
mysql.optional.tabledefs=CHARSET=utf8 COLLATE=utf8_bin
mysql.tabletype=InnoDB
mysql.allow.fractional.seconds=true
```

Step 3 – Initialization



The screenshot shows the 'Initialization' configuration page in the Hybris administration interface. It features a sidebar with navigation buttons: 'Lock', 'Initialize', 'Dump configuration', and 'SQL Scripts'. The main content area displays configuration settings for the database pool, URL, table prefix, name, user account, and general settings.

Initialization

Lock **SQL Scripts**

Initialize **Dump configuration**

Database pool
hybris

Database URL
MySQL

Database table prefix
false

Database name
jdbc:mysql://localhost/integration?useConfigs=maxPerformance&characterEncoding=utf8

Database user account
hybris@localhost

General settings

TenantID

Master
true

Project data settings

After starting Hybris server the **INITIALIZATION** step has to be performed so that database schema with initial data are in the MySQL database.

Initialization can be fired in HAC.

Step 4 – Verification

Tenants Overview

Show 25 entries Search:

Tenant ID	Active	Driver	Actions
master	✓	MySQL Connector Java : mysql-connector-java-5.1.44 (Revision: b3cda4f864902ffdde495b9df93937c3e20009be)	Activate View
junit	✗	com.mysql.jdbc.Driver	Activate View
foo	✗	com.mysql.jdbc.Driver	View
t1	✗	com.mysql.jdbc.Driver	View
t2	✗	com.mysql.jdbc.Driver	View

Showing 1 to 5 of 5 entries

We can check the changes on the tab of 'Tenants Overview'.