

Instituto Tecnológico Superior de Jerez



Reporte de Practica

Administración de base de datos

Salvador Acevedo Sandoval

Ingeniería en Sistemas Computacionales

Erik Vargas de la Torre

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```
root@papa:/home/db/menagerie-db# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 43
Server version: 5.5.62-0+deb8u1 (Debian)
```

primero entraremos una vez dentro ejecutamos la instrucción source con la base de datos world, sakila, con employees se ejecuta una instrucción diferente la cual es “mysql -u root -p -t < employees.sql”, en cuanto a managerie hay que seguir las instrucciones del readme para terminar la instalacion de la base de datos.

Base de datos world solo se necesita una sola instrucción que es la siguiente:

[illegible]

Con la base de datos de employees no se necesita acceder a mysql solo ejecutar la instrucción en el directorio donde se encuentra la base de datos.

```
erik@erik-Aspire-E51-411: ~  
menagerie-db sakila-data.sql sakila-schema.sql world.sql world_x.sql  
root@papa:/home/db# ls  
menagerie-db sakila-data.sql sakila-schema.sql test_db-master world.sql world_x.sql  
root@papa:/home/db# cd test_db-master  
root@papa:/home/db/test_db-master# mysql -u root -p -t < employees.sql  
Enter password:  
+-----+  
| INFO |  
+-----+  
| CREATING DATABASE STRUCTURE |  
+-----+  
| INFO |  
+-----+  
| storage engine: InnoDB |  
+-----+  
| INFO |  
+-----+  
| LOADING departments |  
+-----+  
| INFO |  
+-----+  
| LOADING employees |  
+-----+  
| INFO |  
+-----+  
| LOADING dept_emp |  
+-----+  
| INFO |  
+-----+  
| LOADING dept_manager |  
+-----+  
| INFO |  
+-----+
```

Con sakila se necesita dos pero solo hay que entrar a mysql y con source solo se ejecuta la instrucción a las dos base de datos y con eso termina la instalación.

```
erik@erik-Aspire-E51-411: ~  
mysql.sock (root@localhost) [world_x]> clear  
mysql.sock (root@localhost) [world_x]> source /home/db/sakila-schema.sql  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 0 rows affected, 1 warning (0.00 sec)  
  
Query OK, 1 row affected (0.00 sec)  
  
Database changed  
Query OK, 0 rows affected (0.07 sec)  
  
Query OK, 0 rows affected (0.04 sec)  
  
Query OK, 0 rows affected (0.04 sec)  
  
Query OK, 0 rows affected (0.05 sec)  
  
Query OK, 0 rows affected (0.04 sec)  
  
Query OK, 0 rows affected (0.05 sec)  
  
Query OK, 0 rows affected (0.05 sec)  
  
Query OK, 0 rows affected (0.05 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 0 rows affected (0.00 sec)
```

```
erik@erik-Aspire-E51-411: ~  
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erik@erik-Aspire-E51-411: ~  
mysql.sock (root@localhost) [sakila]> source /home/db/sakila-data.sql  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Database changed  
Query OK, 0 rows affected (0.01 sec)  
  
Query OK, 200 rows affected (0.00 sec)  
Records: 200 Duplicates: 0 Warnings: 0  
  
Query OK, 0 rows affected (0.03 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 603 rows affected (0.35 sec)  
Records: 603 Duplicates: 0 Warnings: 0  
  
Query OK, 0 rows affected (0.01 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 16 rows affected (0.01 sec)  
Records: 16 Duplicates: 0 Warnings: 0  
  
Query OK, 0 rows affected (0.02 sec)  
  
Query OK, 0 rows affected (0.00 sec)  
  
Query OK, 600 rows affected (0.01 sec)  
Records: 600 Duplicates: 0 Warnings: 0  
  
Query OK, 0 rows affected (0.01 sec)
```

Con menagerie hay que seguir las instrucciones del readme para terminar la instalacion correctamente, ocasiona problemas por la variable global local_infile pero solo hay que cambiarla a 1 y la instalación continuara sin problemas.

```
erik@erik-Aspire-E51-411: ~  
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erik@erik-Aspire-E51-411: ~  
mysql.sock (root@localhost) [menagerie]> exit  
Bye  
root@papa:/home/db/menagerie-db# mysql -u root -p --local-infile=1  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 42  
Server version: 5.5.62-0+deb8u1 (Debian)  
  
Copyright (c) 2000, 2018, Oracle and/or its affiliates. All rights reserved.  
  
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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.sock (root@localhost) [(none)]> use menagerie;  
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A  
  
Database changed  
mysql.sock (root@localhost) [menagerie]> LOAD DATA LOCAL INFILE 'pet.txt' INTO TABLE pet;  
Query OK, 8 rows affected (0.04 sec)  
Records: 8 Deleted: 0 Skipped: 0 Warnings: 0  
  
mysql.sock (root@localhost) [menagerie]> SOURCE ins_puff_rec.sql  
Query OK, 1 row affected (0.03 sec)  
  
mysql.sock (root@localhost) [menagerie]> SOURCE cr_event_tbl.sql  
Query OK, 0 rows affected, 1 warning (0.00 sec)  
  
Query OK, 0 rows affected (0.07 sec)  
  
mysql.sock (root@localhost) [menagerie]> LOAD DATA LOCAL INFILE 'event.txt' INTO TABLE event;  
Query OK, 10 rows affected, 2 warnings (0.02 sec)  
Records: 10 Deleted: 0 Skipped: 0 Warnings: 2  
  
mysql.sock (root@localhost) [menagerie]> show tables;
```

Resultados de la practica hecha, una vez terminado la instalación de las base de datos procederemos a ver las tablas y los registros de las mismas.

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| employees |
| menagerie |
| mysql |
| performance_schema |
| sakila |
| usuarios_sistema |
| world |
| world_x |
+-----+
9 rows in set (0.00 sec)
```

Menagerie

```
mysql> show tables;
+-----+
| Tables in menagerie |
+-----+
| event |
| pet |
+-----+
2 rows in set (0.00 sec)
```

```
mysql> select * from event;
+-----+-----+-----+-----+
| name | date | type | remark |
+-----+-----+-----+-----+
| Fluffy | 1995-05-15 | litter | 4 kittens, 3 female, 1 male |
| Buffy | 1993-06-23 | litter | 5 puppies, 2 female, 3 male |
| Buffy | 1994-06-19 | litter | 3 puppies, 3 female |
| Chirpy | 1999-03-21 | vet | needed beak straightened |
| Slim | 1997-08-03 | vet | broken rib |
| Bowser | 1991-10-12 | kennel | NULL |
| Fang | 1991-10-12 | kennel | NULL |
| Fang | 1998-08-28 | birthday | Gave him a new chew toy |
| Claws | 1998-03-17 | birthday | Gave him a new flea collar |
| Whistler | 1998-12-09 | birthday | First birthday |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

Employees

```
mysql> show tables;
+-----+
| Tables in employees |
+-----+
| current_dept_emp |
| departments |
| dept_emp |
| dept_emp_latest_date |
| dept_manager |
| employees |
| salaries |
| titles |
+-----+
8 rows in set (0.00 sec)
```

```
mysql> select * from departments;
+-----+-----+
| dept_no | dept_name |
+-----+-----+
| d009 | Customer Service |
| d005 | Development |
| d002 | Finance |
| d003 | Human Resources |
| d001 | Marketing |
| d004 | Production |
| d006 | Quality Management |
| d008 | Research |
| d007 | Sales |
+-----+-----+
9 rows in set (0.00 sec)
```

Sakila

```
mysql.sock (root@localhost) [sakila]> show tables;
```

```
-----+-----+
Tables_in_sakila
-----+-----+
actor
actor_info
address
category
city
country
customer
customer_list
film
film_actor
film_category
film_list
film_text
inventory
language
nicer_but_slower_film_list
payment
rental
sales_by_film_category
sales_by_store
staff
staff_list
store
-----+-----+
23 rows in set (0.00 sec)
```

```
mysql.sock (root@localhost) [sakila]> select * from store;
```

```
-----+-----+-----+-----+
| store_id | manager_staff_id | address_id | last_update |
-----+-----+-----+-----+
| 1 | 1 | 1 | 2006-02-15 04:57:12 |
| 2 | 2 | 2 | 2006-02-15 04:57:12 |
-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

World

Database changed

```
mysql.sock (root@localhost) [world]> show tables;
```

```
-----+-----+
Tables_in_world
-----+-----+
city
country
countrylanguage
-----+-----+
3 rows in set (0.00 sec)
```

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erik@erik-Aspire-E51-411: ~

```
mysql.sock (root@localhost) [world]> select * from countrylanguage;
```

| CountryCode | Language | IsOfficial | Percentage |
|-------------|-------------------|------------|------------|
| ABW | Dutch | T | 5.3 |
| ABW | English | F | 9.5 |
| ABW | Papiamentu | F | 76.7 |
| ABW | Spanish | F | 7.4 |
| AFG | Balochi | F | 0.9 |
| AFG | Dari | T | 32.1 |
| AFG | Pashto | T | 52.4 |
| AFG | Turkmenian | F | 1.9 |
| AFG | Uzbek | F | 8.8 |
| AGO | Ambo | F | 2.4 |
| AGO | Chokwe | F | 4.2 |
| AGO | Kongo | F | 13.2 |
| AGO | Luchazi | F | 2.4 |
| AGO | Luiembe-nganguela | F | 5.4 |
| AGO | Luvale | F | 3.6 |
| AGO | Mbundu | F | 21.6 |
| AGO | Nyaneka-nkhumbi | F | 5.4 |
| AGO | Ovimbundu | F | 37.2 |
| ALA | English | T | 0.0 |
| ALB | Albanian | T | 97.9 |
| ALB | Greek | F | 1.8 |
| ALB | Macedonian | F | 0.1 |
| AND | Catalan | T | 32.3 |
| AND | French | F | 6.2 |
| AND | Portuguese | F | 10.8 |
| AND | Spanish | F | 44.6 |
| ANT | Dutch | T | 0.0 |
| ANT | English | F | 7.8 |
| ANT | Papiamentu | T | 86.2 |
| ARE | Arabic | T | 42.0 |
| ARE | Hindi | F | 0.0 |
| ARG | Indian Languages | F | 0.3 |
| ARG | Italian | F | 1.7 |
| ARG | Spanish | T | 96.8 |
| ARM | Armenian | T | 93.4 |

erik@erik-Aspire-E51-411: ~

[menagerie-db] README.txt (~/Do...

2:27 PM