

INSTITUTO TECNOLÓGICO SUPERIOR DE JEREZ



Jerez de García Salinas

04 de marzo del 2020

“Ingeniería en Sistemas Computacionales”

Materia: Administración de Bases de Datos

Sexto Semestre

Reporte Practicas Instalación BD'S

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Para todas las bases de datos primero se copiaron los archivos que contenían los scripts, la copia se realizó desde el escritorio local de mi maquina hacia el servidor mediante el servicio de scp.

```
C:\Windows\system32\cmd.exe
C:\Users\Abraham>scp C:/Users/Abraham/Desktop/world_x root@176.48.16.19:/home
root@176.48.16.19's password:
C:/Users/Abraham/Desktop/world_x: No such file or directory

C:\Users\Abraham>scp C:/Users/Abraham/Desktop/world_x.sql root@176.48.16.19:/home
root@176.48.16.19's password:
world_x.sql
100% 546KB 10.8MB/s 00:00

C:\Users\Abraham>scp C:/Users/Abraham/Desktop/world.sql root@176.48.16.19:/home
root@176.48.16.19's password:
world.sql
100% 389KB 11.9MB/s 00:00

C:\Users\Abraham>scp C:/Users/Abraham/Desktop/menagerie-db/cr_event_tbl.sql root@176.48.16.19:/home
root@176.48.16.19's password:
cr_event_tbl.sql
100% 189 93.3KB/s 00:00

C:\Users\Abraham>scp C:/Users/Abraham/Desktop/menagerie-db/cr_pet_tbl.sql root@176.48.16.19:/home
root@176.48.16.19's password:
cr_pet_tbl.sql
100% 221 34.6KB/s 00:00

C:\Users\Abraham>scp C:/Users/Abraham/Desktop/menagerie-db/event.text root@176.48.16.19:/home
root@176.48.16.19's password:
C:/Users/Abraham/Desktop/menagerie-db/event.text: No such file or directory

C:\Users\Abraham>scp C:/Users/Abraham/Desktop/menagerie-db/event.txt root@176.48.16.19:/home
root@176.48.16.19's password:
event.txt
100% 421 206.4KB/s 00:00

C:\Users\Abraham>scp C:/Users/Abraham/Desktop/menagerie-db/pet.txt root@176.48.16.19:/home
root@176.48.16.19's password:
pet.txt
100% 272 127.4KB/s 00:00

C:\Users\Abraham>
```

La ruta de destino para los archivos fue en la carpeta ubicada en la raíz llamada home, donde se aprecian que se encuentran las carpetas y archivos necesarios para la instalación de las bases de datos,

```
Escritorio
Subir
C:\Users\Abraham\
Nombre
apache-jmx
menagerie-
Semestre V
SW
test_db-master
Android Studio
Blender Link
Eclipse IDE
Download
JFLAP7.1.jar
Navegador
Server_PRO
SporeApp
world.sql
world_x.sql

drwxr-xr-x 2 root root 4096 Nov 26 2016 media
drwxr-xr-x 2 root root 4096 Nov 26 2016 mnt
drwxr-xr-x 2 root root 4096 Nov 26 2016 opt
dr-xr-xr-x 81 root root 0 Mar 4 14:11 proc
drwx----- 2 root root 4096 Feb 21 14:44 root
drwxr-xr-x 18 root root 500 Mar 4 14:11 run
drwxr-xr-x 2 root root 4096 Jan 31 13:49 sbin
drwxr-xr-x 2 root root 4096 Nov 26 2016 srv
drwxr-xr-x 8 root root 0 Mar 4 14:11 sys
drwxrwxrwt 7 root root 140 Mar 4 14:26 tmp
drwxr-xr-x 11 root root 4096 Nov 26 2016 usr
drwxr-xr-x 12 root root 4096 Nov 26 2016 var
root@november:/# cd home
root@november:/home# ls -l
total 948
-rw-r--r-- 1 root root 398635 Mar 4 14:29 world.sql
-rw-r--r-- 1 root root 558791 Mar 4 14:28 world_x.sql
root@november:/home# ls -l
total 972
-rw-r--r-- 1 root root 189 Mar 4 14:38 cr_event_tbl.sql
-rw-r--r-- 1 root root 221 Mar 4 14:39 cr_pet_tbl.sql
-rw-r--r-- 1 root root 421 Mar 4 14:40 event.txt
drwxr-xr-x 2 root root 4096 Mar 4 14:44 menagerie-db
-rw-r--r-- 1 root root 272 Mar 4 14:40 pet.txt
drwxr-xr-x 4 root root 4096 Mar 4 14:44 test_db-master
-rw-r--r-- 1 root root 398635 Mar 4 14:29 world.sql
-rw-r--r-- 1 root root 558791 Mar 4 14:28 world_x.sql
root@november:/home#
```

Utilizando la instrucción SOURCE e indicando la ruta para el archivo sql a ejecutar se instalaron las bases de datos, además en algunas bases de datos como la de employees se tuvieron que modificar el archivo script para que údiera encontrar las rutas de los archivos que carga a la base de datos.

Se muestran las bases de datos después de haber sido creadas:

```
OpenSSH SSH client
Query OK, 0 rows affected (0.00 sec)
Query OK, 0 rows affected (0.00 sec)
Query OK, 2 rows affected (0.00 sec)
Records: 2 Duplicates: 0 Warnings: 0
Query OK, 0 rows affected (0.02 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)

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

mysql>
```

Seleccionando cada base de datos y mostrando sus tablas se obtuvo:

World:

```
OpenSSH SSH client
| 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> use world;
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> show tables;
+-----+
| Tables_in_world |
+-----+
| city |
| country |
| countrylanguage |
+-----+
3 rows in set (0.00 sec)

mysql>
```

Employees:

```
OpenSSH SSH client
employees
menagerie
mysql
performance_schema
pruebas
sakila
world
world_x
+-----+
9 rows in set (0.00 sec)

mysql> use employees;
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> 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> |
```

Sakila:

```
OpenSSH SSH client
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> 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                |
+-----+
```

Y mensajería donde además se realizó una pequeña consulta que muestra sus resultados

```
OpenSSH SSH client x + v
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> show tabs;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use
near 'tabs' at line 1
mysql> show tables;
+-----+
| Tables_in_menagerie |
+-----+
| event               |
| pet                 |
+-----+
2 rows in set (0.00 sec)

mysql> select*from pet;
+-----+-----+-----+-----+-----+-----+
| name   | owner | species | sex | birth      | death      |
+-----+-----+-----+-----+-----+-----+
| Fluffy | Harold | cat     | f   | 1993-02-04 | NULL       |
| Claws  | Gwen  | cat     | m   | 1994-03-17 | NULL       |
| Buffy  | Harold | dog     | f   | 1989-05-13 | NULL       |
| Fang   | Benny  | dog     | m   | 1990-08-27 | NULL       |
| Bowser | Diane  | dog     | m   | 1979-08-31 | 1995-07-29 |
| Chirpy | Gwen  | bird    | f   | 1998-09-11 | NULL       |
| Whistler | Gwen | bird    | NULL | 1997-12-09 | NULL       |
| Slim   | Benny  | snake   | m   | 1996-04-29 | NULL       |
| Puffball | Diane | hamster | f   | 1999-03-30 | NULL       |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)

mysql> |
```