

Universidad Autónoma del Estado de México Unidad Académica Profesional Tianguistenco

Ingeniería en software

Unidad de aprendizaje:

Bases de Datos Orientadas a Objetos

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Objetivo

Conocer algunos comandos básicos y montar de lleno nuestro servidor de base de datos Oracle Database con lo aprendido en el video proporcionado como material de clase.

Desarrollo

Otra forma que encontré de ejecutar Oracle Database fue desde un contenedor de Docker, ejecutamos nuestra imágen de docker y procedemos a ingresar los comandos deseados:

```
~/Desktop/OctavoSemestre/BDD_Orientada (master*) [04:58:13]
alvirelwapo$ docker container ls
CONTAINER ID IMAGE
                                                                           CREATED
                                                                                         STATUS
                                                                                                       PORTS
NAMES
b273edf8f6df oracleinanutshell/oracle-xe-11g "/bin/sh -c '/usr/sb..." 2 hours ago Up 2 hours 22/tcp, 8080/tcp, 0.0.0.0:49161->1521/tcp, :::49161->1521/tcp
clever_borg
858a6a2bca01
                                                  "docker-php-entrypoi…" 2 hours ago Up 2 hours 0.0.0.0:8000->80/tcp, :::8000->80/tcp
              php:8.0-apache
php-apache
f124e794f727
                                                  "docker-entrypoint.s..." 3 hours ago Up 3 hours 3306/tcp
              mariadb:latest
some-mariadb
 ~/Desktop/OctavoSemestre/BDD_Orientada (master*) [04:58:26]
alvirelwapo$
```

Comando: sqlplus

```
~/Desktop/OctavoSemestre/BDD_Orientada (master*) [05:01:00]
alvirelwapo$ docker exec -it clever_borg bash
root@b273edf8f6df:/# sqlplus

SQL*Plus: Release 11.2.0.2.0 Production on Fri Feb 10 23:01:28 2023

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Enter user-name: system
Enter password:

Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL>
```

Comando: sqlplus /NOLOG

```
root@b273edf8fódf:/# sqlplus /NOLOG

SQL*Plus: Release 11.2.0.2.0 Production on Fri Feb 10 23:03:13 2023

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SQL>
```

Comando: sqlplus USUARIO/CONTRASEÑA

```
root@b273edf8f6df:/# sqlplus system/oracle

SQL*Plus: Release 11.2.0.2.0 Production on Fri Feb 10 23:04:59 2023

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Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL>
```

Comando: CONNECT usuario/contraseña | CONN usuario/contraseña | CONNECT usuario

```
root@b273edf8f6df:/# sqlplus system/oracle

SQL*Plus: Release 11.2.0.2.0 Production on Fri Feb 10 23:04:59 2023

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Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> CONNECT system/oracle
Connected.
SQL> CONNECT system/oracle
Connected.
SQL> CONNECT system
Enter password:
Connected.
SQL> I
```

Comando: CONNECT / AS SYSDBA

```
root@b273edf8f6df:~# su oracle
oracle@b273edf8f6df:/root$ sqlplus system/oracle

SQL*Plus: Release 11.2.0.2.0 Production on Fri Feb 10 23:46:49 2023

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Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> CONNECT / AS SYSDBA
Connected.
SQL>
```

Comando: ALTER USER usuario IDENTIFIED BY contraseña;

```
SQL>
SQL> ALTER USER alvirelwapo IDENTIFIED BY "123456";
User altered.

SQL>

Obs:49 PM • 
☐ Grateful •
```

Comando: SELECT * FROM DICTIONARY

```
oracle@b273edf8f6df:/root$ sqlplus system/oracle

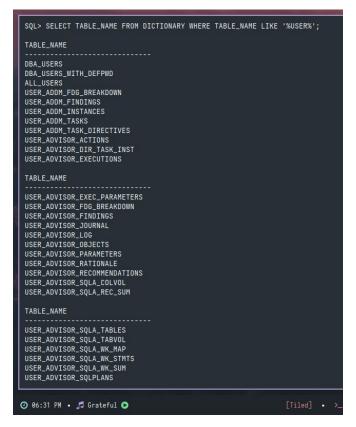
SQL*Plus: Release 11.2.0.2.0 Production on Fri Feb 10 23:51:14 2023

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Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> SELECT * FROM DICTIONARY
```

Comando:SELECT TABLE_NAME FROM DICTIONARY WHERE TABLE_NAME LIKE '%USER%';



Comando: SELECT USERNAME, PASSWORD FROM DBA_USERS WHERE USERNAME LIKE 'SYS%';

```
oracle@b273edf8f6df:/root$ sqlplus system/oracle

SQL*Plus: Release 11.2.0.2.0 Production on Sat Feb 11 00:33:54 2023

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Connected to:
Oracle Database 11g Express Edition Release 11.2.0.2.0 - 64bit Production

SQL> SELECT USERNAME, PASSWORD FROM DBA_USERS WHERE USERNAME LIKE 'SYS%';

USERNAME PASSWORD

SYSTEM

SYS

SQL>
```

Conclusiones

El uso de Oracle Database es similar en algunos aspectos a otras aplicaciones que he utilizado como mariadb y mysql-server, me agrada el uso de herramientas CLI para el manejo de este tipo de tecnologías.

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