

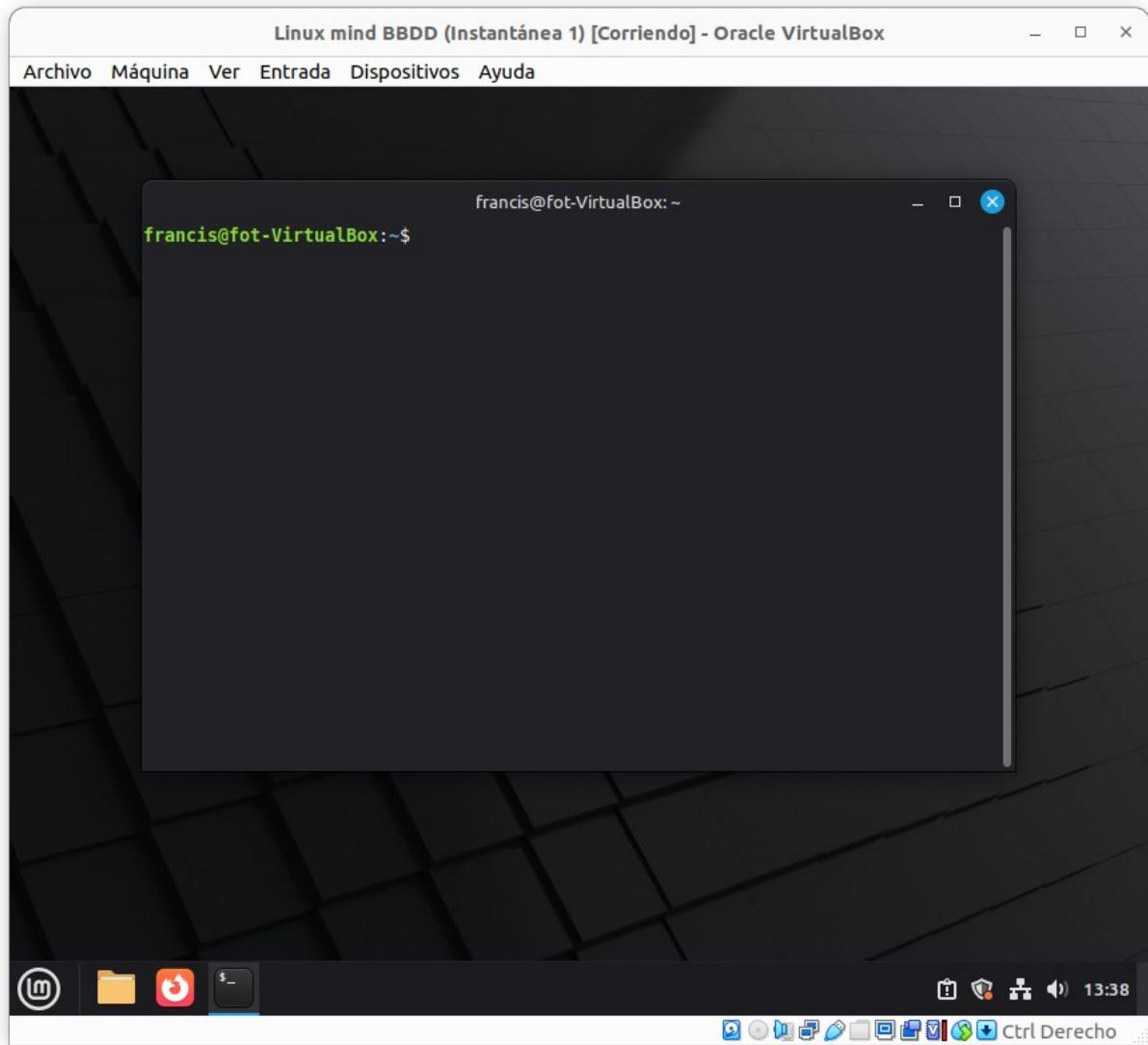
Bases de Datos – 1ºDAM

UT1 – Práctica 2. Instalar MySQL en un sistema Linux.

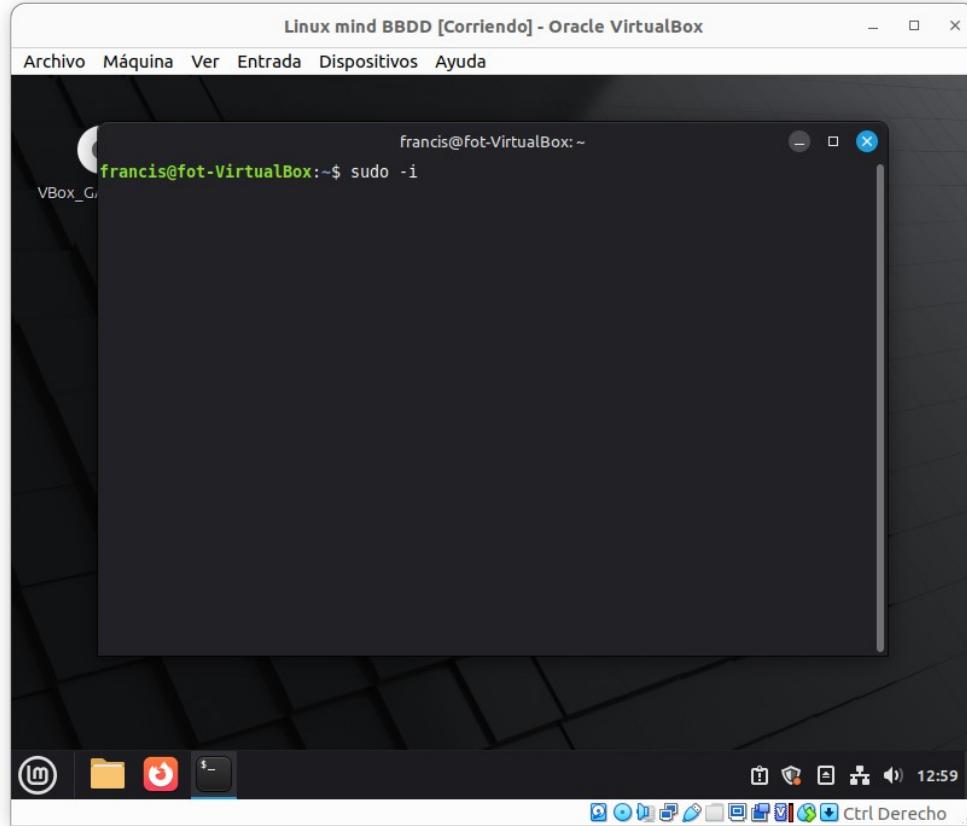
NOMBRE: Francisco

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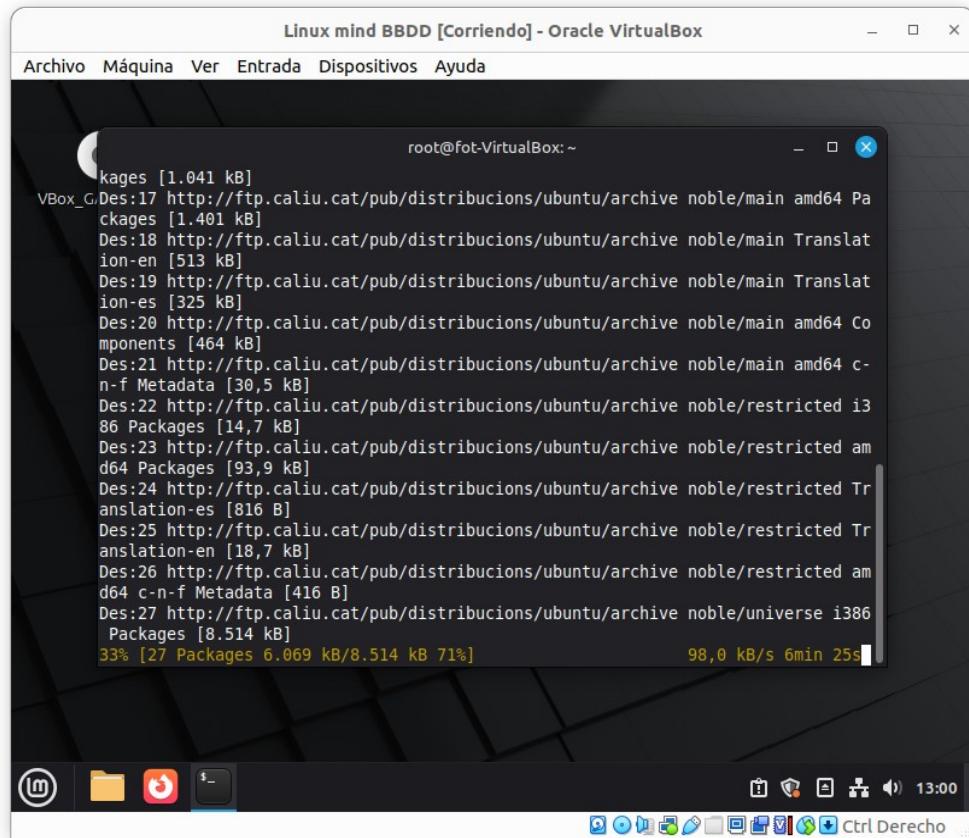
PASO 1. En la máquina virtual de Linux abrimos un terminal (Ctrl+Alt+t).



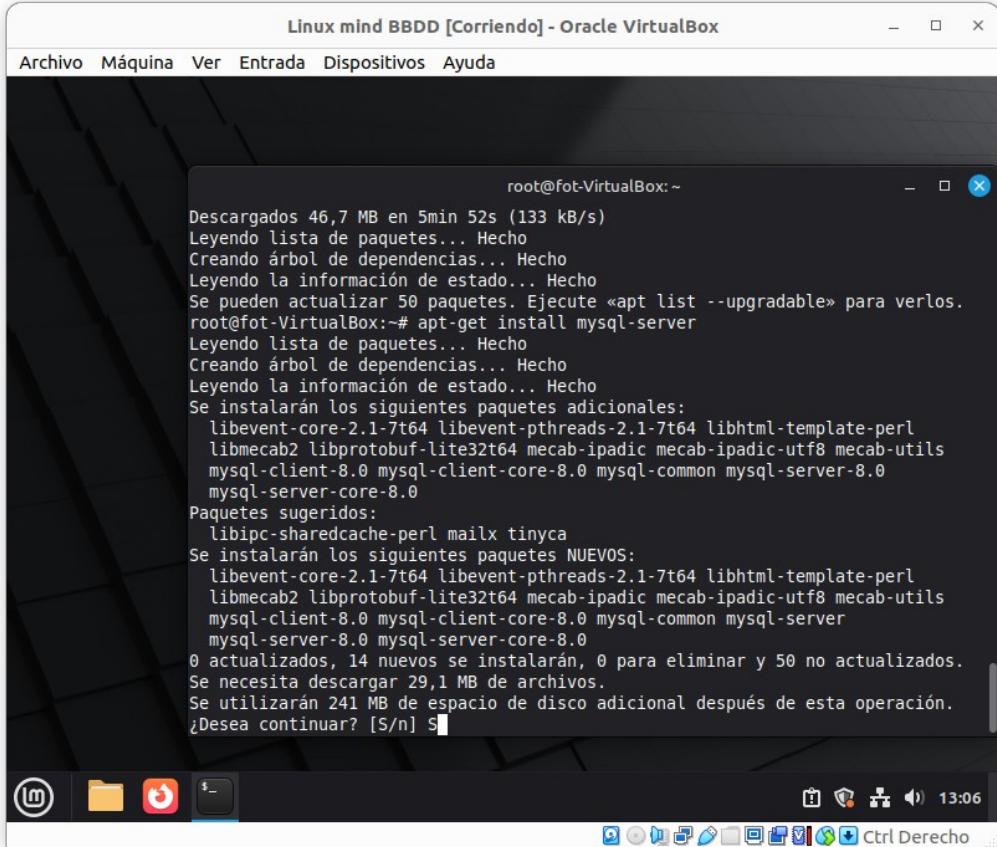
PASO 2. Ejecutamos la orden: sudo -i



PASO 3. Actualizamos los paquetes de linux: apt-get update



PASO 4. Instalamos mysql-server: **apt-get install mysql-server**

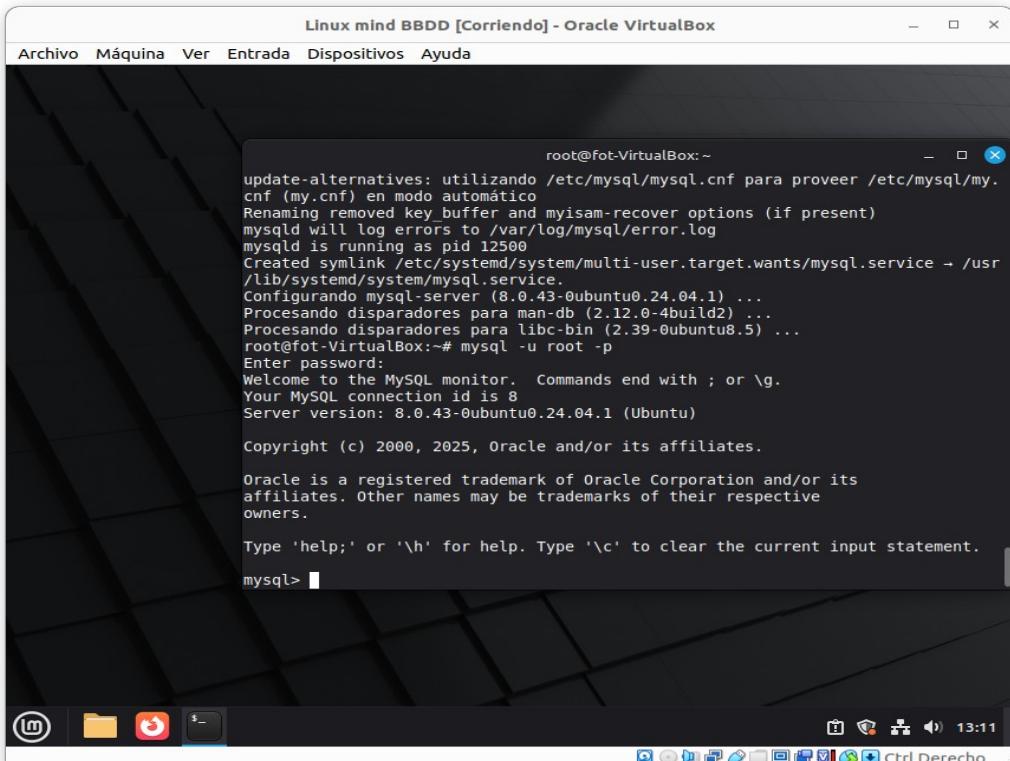


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Linux mind BBDD [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda

root@fot-VirtualBox:~ 
Descargados 46,7 MB en 5min 52s (133 kB/s)
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Se pueden actualizar 50 paquetes. Ejecute «apt list --upgradable» para verlos.
root@fot-VirtualBox:~# apt-get install mysql-server
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes adicionales:
  libevent-core-2.1-7t64 libevent-pthreads-2.1-7t64 libhtml-template-perl
  libmecab2 libprotobuf-lite32t64 mecab-ipadic mecab-ipadic-utf8 mecab-utils
  mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server-8.0
  mysql-server-core-8.0
Paquetes sugeridos:
  libipc-sharedcache-perl mailx tinyca
Se instalarán los siguientes paquetes NUEVOS:
  libevent-core-2.1-7t64 libevent-pthreads-2.1-7t64 libhtml-template-perl
  libmecab2 libprotobuf-lite32t64 mecab-ipadic mecab-ipadic-utf8 mecab-utils
  mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server
  mysql-server-8.0 mysql-server-core-8.0
0 actualizados, 14 nuevos se instalarán, 0 para eliminar y 50 no actualizados.
Se necesita descargar 29,1 MB de archivos.
Se utilizarán 241 MB de espacio de disco adicional después de esta operación.
¿Desea continuar? [S/n] S
```

The terminal window shows the process of installing MySQL Server via apt-get. It lists dependencies like libevent and libmecab, and new packages like libevent-core-2.1-7t64. It also shows the creation of MySQL service files and the configuration of MySQL. Finally, it prompts the user to enter a password for the root MySQL connection.

PASO 5. Iniciamos sesión en el servidor para comprobar que se ha instalado correctamente: **mysql -u root -p**



```
Linux mind BBDD [Corriendo] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda

root@fot-VirtualBox:~ 
update-alternatives: utilizando /etc/mysql/mysql.cnf para proveer /etc/mysql/my.cnf (my.cnf) en modo automático
Renaming removed key_buffer and myisam-recover options (if present)
mysqld will log errors to /var/log/mysql/error.log
mysqld is running as pid 12500
Created symlink /etc/systemd/system/multi-user.target.wants/mysql.service → /usr/lib/systemd/system/mysql.service.
Configurando mysql-server (8.0.43-0ubuntu0.24.04.1) ...
Procesando disparadores para man-db (2.12.0-4build2) ...
Procesando disparadores para libc-bin (2.39-0ubuntu8.5) ...
root@fot-VirtualBox:~# mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.43-0ubuntu0.24.04.1 (Ubuntu)

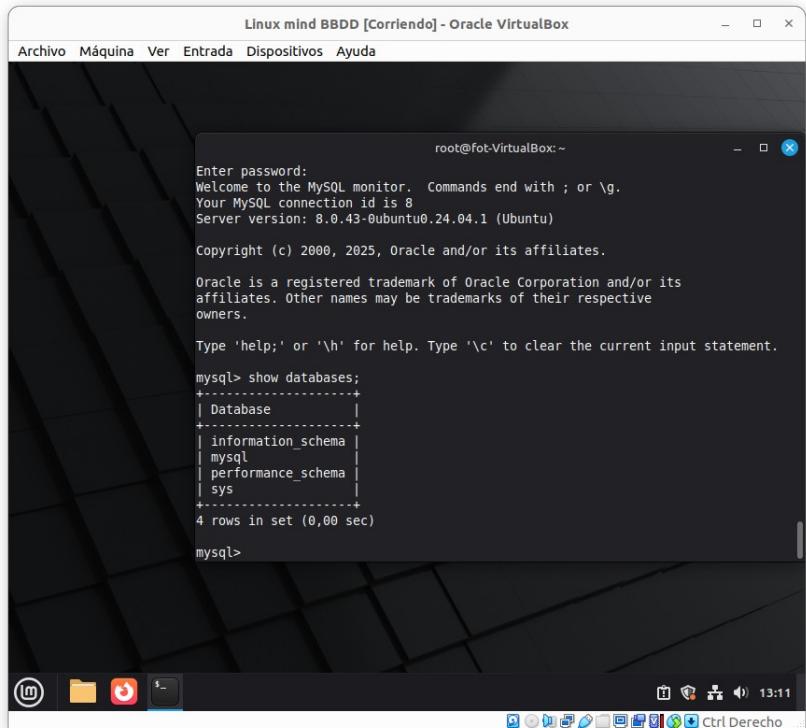
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owners.

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

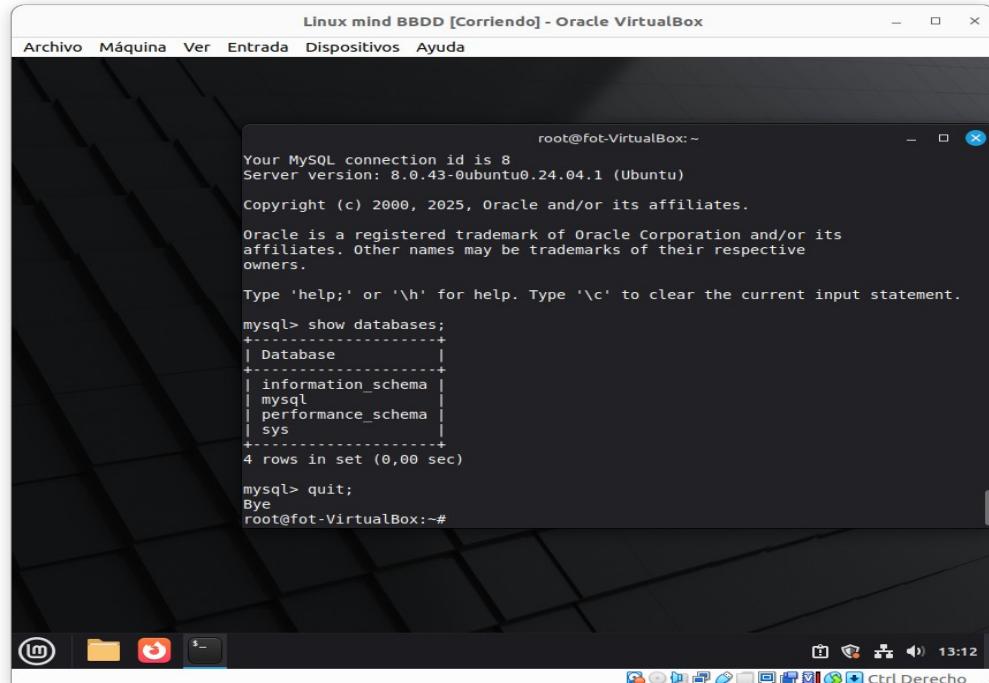
The terminal window shows the MySQL monitor starting up. It displays the MySQL version (8.0.43), copyright information, and a welcome message. It then prompts the user for a password. After logging in, it shows the MySQL prompt (mysql>).

PASO 6. Hacemos una consulta sencilla, por ejemplo que muestre todas las bases de datos por defecto: **show databases;**



```
root@fot-VirtualBox:~  
Enter password:  
Welcome to the MySQL monitor. Commands end with ; or \g.  
Your MySQL connection id is 8  
Server version: 8.0.43-0ubuntu0.24.04.1 (Ubuntu)  
  
Copyright (c) 2000, 2025, Oracle and/or its affiliates.  
  
Oracle is a registered trademark of Oracle Corporation and/or its  
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> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| mysql |  
| performance_schema |  
| sys |  
+-----+  
4 rows in set (0,00 sec)  
  
mysql>
```

PASO 7. Cerramos la conexión: **quit;**



```
root@fot-VirtualBox:~  
Your MySQL connection id is 8  
Server version: 8.0.43-0ubuntu0.24.04.1 (Ubuntu)  
  
Copyright (c) 2000, 2025, Oracle and/or its affiliates.  
  
Oracle is a registered trademark of Oracle Corporation and/or its  
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> show databases;  
+-----+  
| Database |  
+-----+  
| information_schema |  
| mysql |  
| performance_schema |  
| sys |  
+-----+  
4 rows in set (0,00 sec)  
  
mysql> quit;  
Bye  
root@fot-VirtualBox:~#
```