

Este tutorial mostrará os passos para a preparação do ambiente.

Precisaremos do Pipenv, do django e o MySQL com o workbench.

## Python, Pipenv e Django

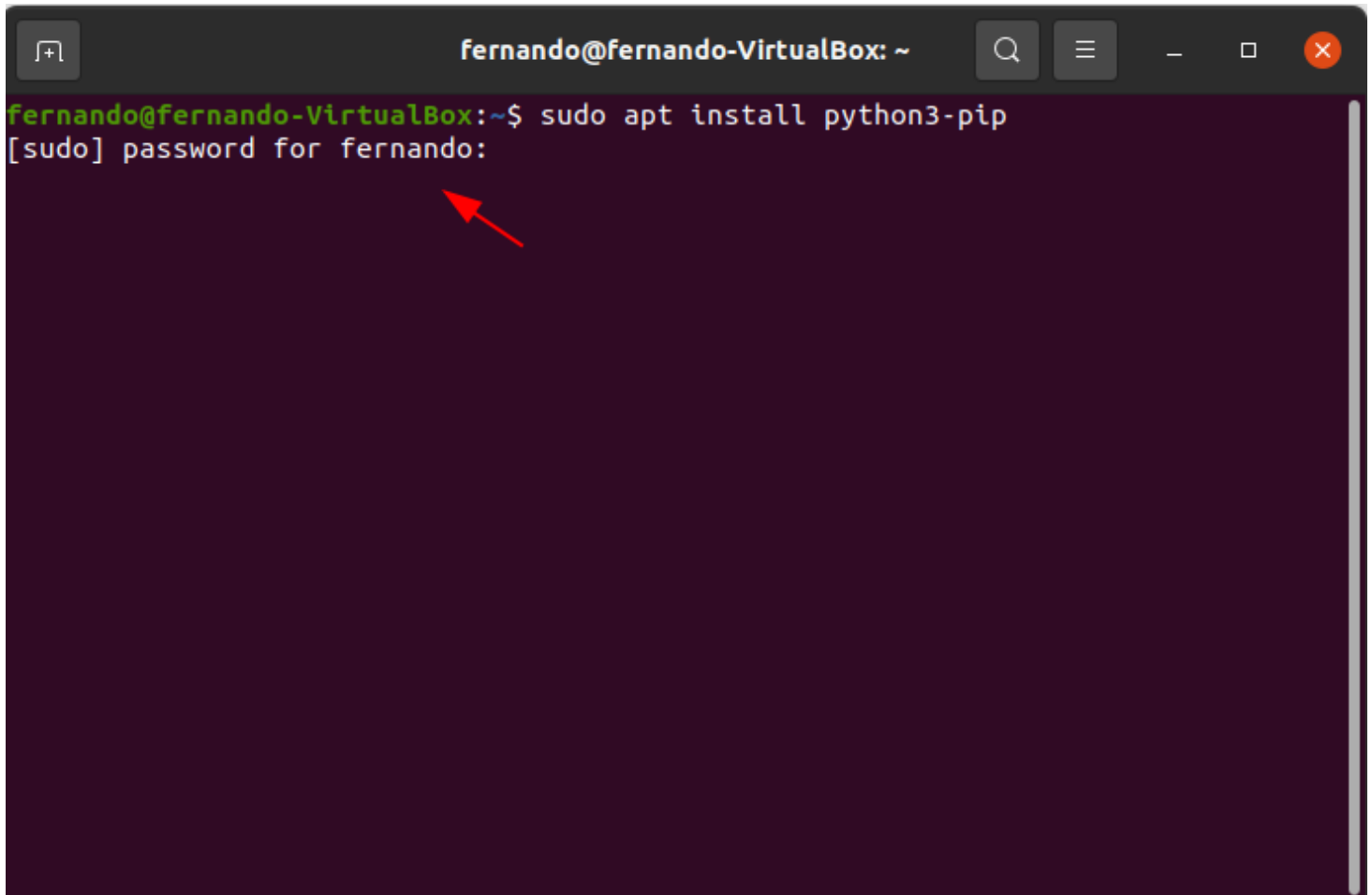
Por padrão o *Python3* virá instalado no Linux.

Precisaremos do *pip*, o instalador de pacotes para o Python.

Faremos a instalação dele com o seguinte comando no terminal:

```
sudo apt install python3-pip
```

Após isso digitar a senha do usuário root e digitar "y" para confirmar.



```
fernando@fernando-VirtualBox: ~$ sudo apt install python3-pip
[sudo] password for fernando:
```

```
fernando@fernando-VirtualBox: ~$ sudo apt install python3-pip
[sudo] password for fernando:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  build-essential dpkg-dev fakeroot g++ g++-9 libalgorithm-diff-perl
  libalgorithm-diff-xs-perl libalgorithm-merge-perl libexpat1-dev libfakeroot
  libpython3-dev libpython3.8-dev libstdc++-9-dev python-pip-whl python3-dev
  python3-distutils python3-lib2to3 python3-setuptools python3-wheel
  python3.8-dev zlib1g-dev
Suggested packages:
  debian-keyring g++-multilib g++-9-multilib gcc-9-doc libstdc++-9-doc
  python-setuptools-doc
The following NEW packages will be installed:
  build-essential dpkg-dev fakeroot g++ g++-9 libalgorithm-diff-perl
  libalgorithm-diff-xs-perl libalgorithm-merge-perl libexpat1-dev libfakeroot
  libpython3-dev libpython3.8-dev libstdc++-9-dev python-pip-whl python3-dev
  python3-distutils python3-lib2to3 python3-pip python3-setuptools
  python3-wheel python3.8-dev zlib1g-dev
0 upgraded, 22 newly installed, 0 to remove and 0 not upgraded.
Need to get 18,2 MB/18,3 MB of archives.
After this operation, 78,6 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

Instalar agora o *pipenv*:

```
sudo pip3 install pipenv
```

Em seguida iremos criar o Pipfile (arquivo para gerenciar os pacotes):

```
pipenv --three
```

E instalar o *django*:

```
pipenv install django
```

- Utilizar os comandos *pipenv shell* para ativar o ambiente e *exit()* para sair do ambiente.

## MySQL e Workbench

Ir na seção de downloads do site do [MySQL](#) e depois "[MySQL Community \(GPL\) Downloads](#)".

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Iremos fazer o download através do repositório APT que é suportado em distros baseadas em Ubuntu ou Debian.

# MySQL Community Downloads

- [MySQL Yum Repository](#)
- [MySQL APT Repository](#)
- [MySQL SUSE Repository](#)
- [MySQL Community Server](#)
- [MySQL Cluster](#)
- [MySQL Router](#)
- [MySQL Shell](#)
- [MySQL Workbench](#)
- [MySQL Installer for Windows](#)
- [MySQL for Visual Studio](#)
- [C API \(libmysqlclient\)](#)
- [Connector/C++](#)
- [Connector/J](#)
- [Connector/NET](#)
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Fazer o Download do pacote `.deb`:


# MySQL Community Downloads

MySQL APT Repository

**Repository Setup Packages**

**Ubuntu / Debian (Architecture Independent), DEB**  
**Package**  
(mysql-apt-config\_0.8.17-1\_all.deb)  
MD5: 9e393c991311ead61dcc8313aab8e230

34.8K [Download](#)

 We suggest that you use the [MD5 checksums](#) and [GnuPG signatures](#) to verify the integrity of the packages you download.

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Com o arquivo baixado, abrir o terminal e navegar até a pasta em questão (Downloads no nosso caso).

```
cd ~/Downloads
```

Após isso, iremos realizar a instalação do pacote (no nosso caso "*mysql-apt-config\_0.8.17-1\_all.deb*"):

```
sudo dpkg -i mysql-apt-config_0.8.17-1_all.deb
```

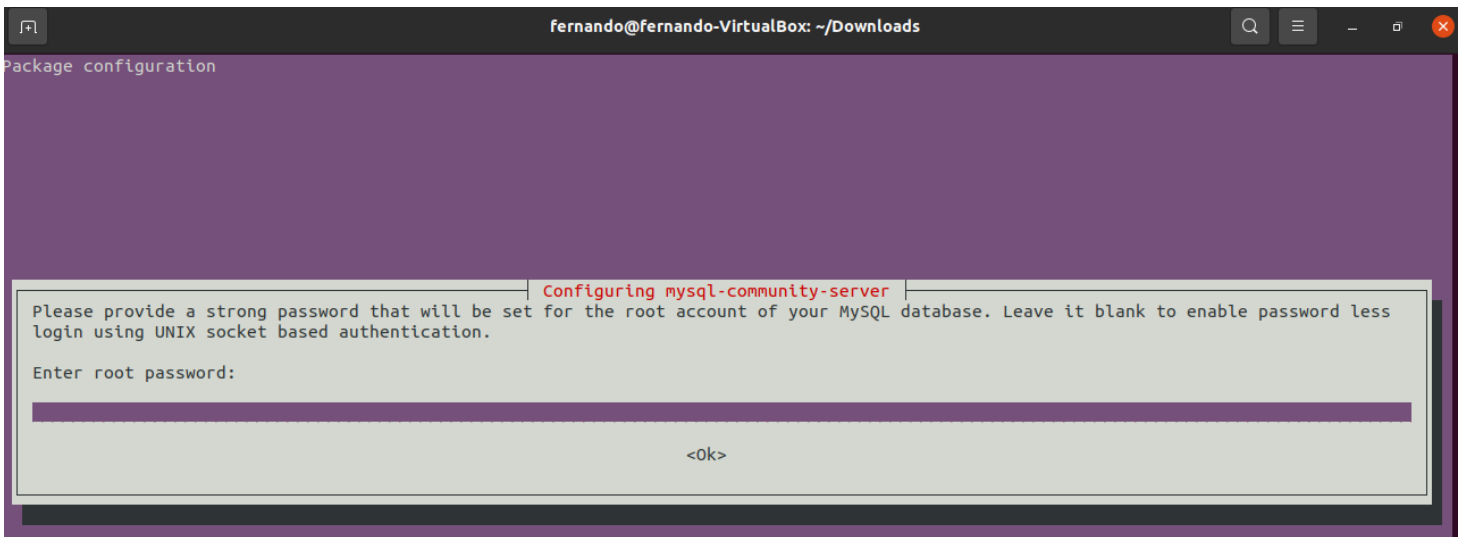
Atualizar os pacotes:

```
sudo apt update
```

E para instalar o MySQL e o Workbench:

```
sudo apt-get install mysql-workbench-community
```

Será pedido uma senha para o usuário root:



Com tudo concluído, abrir o workbench e selecionar onde indicado:

