



How to install PgAdmin4 on Ubuntu 20.04 Foca Fossa

Update the system

```
sudo apt-get update
```

Install required packages

Three packages require to install before downloading pgAdmin which are **python**, **pip** and **virtualenv**. Run the following command to install these packages.

```
sudo apt-get install build-essential libssl-dev libffi-dev libgmp3-dev
sudo apt-get install python3-virtualenv libpq-dev python3-dev
```

Create virtual environment

Run the following commands to create a new folder named **pgAdmin4** in the current location, go to the newly created folder and create the virtual environment.

```
mkdir pgAdmin4
cd pgAdmin4
virtualenv pgAdmin4
```

Activate virtual environment

Go to **pgAdmin4** folder under pgAdmin4 and run the following commands to activate the virtual environment.

```
cd pgAdmin4
source bin/activate
```

Download pgAdmin 4

Run the following command to download the latest version of pgAdmin 4.

```
wget https://ftp.postgresql.org/pub/pgadmin/pgadmin4/v4.20/pip/pgadmin4-4.20-py2.py3-none-any.whl
```

Install pgAdmin 4

Run the following command to complete the installation process of pgAdmin 4.

```
pip install pgadmin4-4.20-py2.py3-none-any.whl
```

Configure and run pgAdmin 4

After completing the installation steps, you have to create a configuration file to run this software. Create a new file named **config_local.py** in **lib/python3.8/site-packages/pgadmin4/** folder using nano editor.

```
nano lib/python3.8/site-packages/pgadmin4/config_local.py
```

Add the following content in **config_local.py**.

```
import os
DATA_DIR = os.path.realpath(os.path.expanduser(u"~/pgadmin/"))
LOG_FILE = os.path.join(DATA_DIR, "pgadmin4.log")
SQLITE_PATH = os.path.join(DATA_DIR, "pgadmin4.db")
SESSION_DB_PATH = os.path.join(DATA_DIR, "sessions")
STORAGE_DIR = os.path.join(DATA_DIR, "storage")
SERVER_MODE = False
```

Now, use the following command to run pgAdmin.

```
python lib/python3.8/site-packages/pgadmin4/pgAdmin4.py
```

Now, access <http://localhost:5050/> from any browser. If all the steps are completed properly then the browser will display the administration and development platform for the PostgreSQL database.

DOWNLOAD AS PDF

Join The Conversation

Please [Log In](#) to post.