LIFE WITH DATA

y BPRASAD26

# QL Tutorial – How to install ostgreSQL and pgAdmin on Mac.

Spread the love

In this post, You will learn **how to install PostgreSQL and pgAdmin on Mac** operating system. pgAdmin is an administrative tool to manage your database, import and export data and write SQL queries.

Install PostgreSQL on Mac –

To installing PostgreSQL on Mac, we will use the Postgres.App. This is a open source Mac application for installing PostgreSQL and PostGIS extension for ɔ data.

Visit the https://postgresapp.com/downloads.html and click on the **download** button to download the disk image file with .dmg extension.
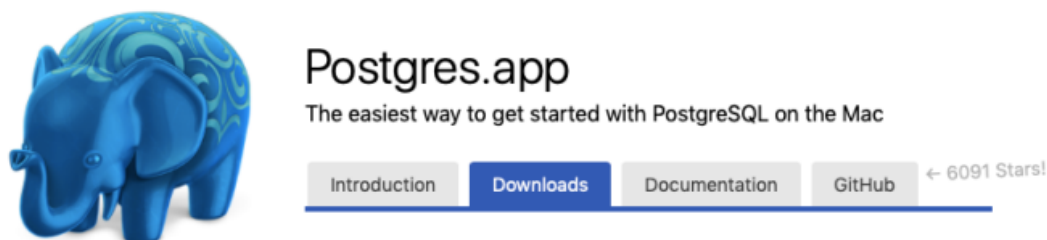

2. Double click on the .dmg file and **drag and drop** it into the Applications folder.
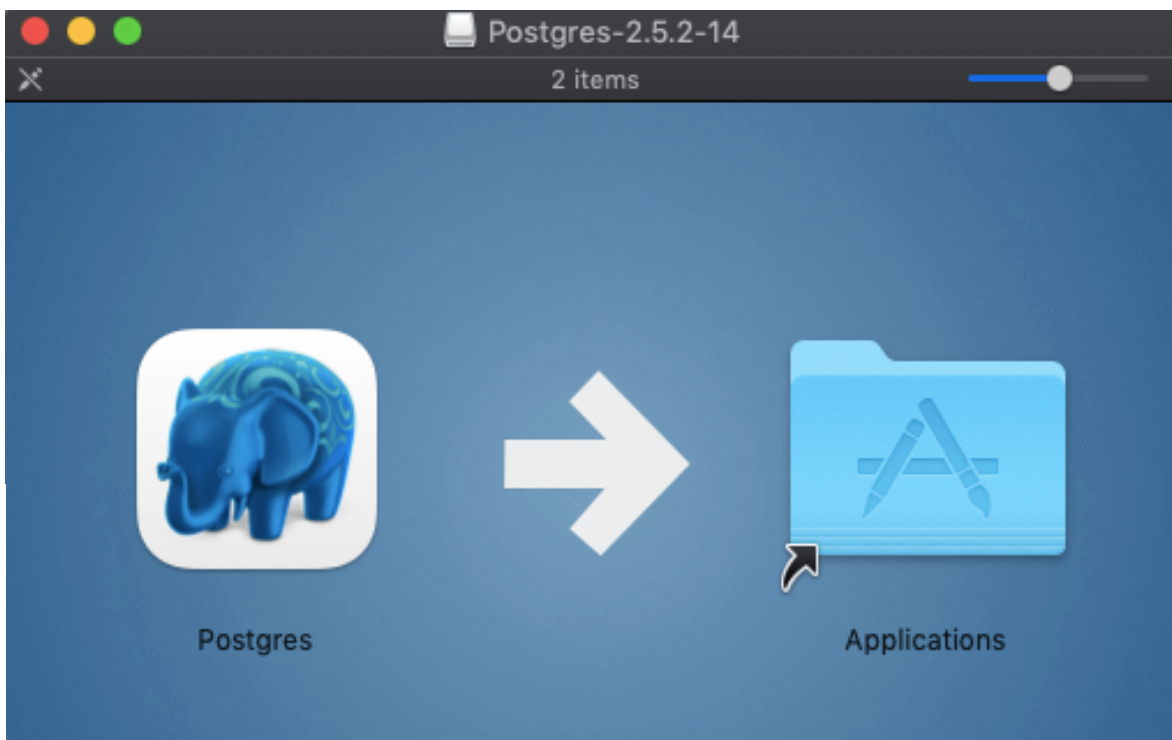
Now, Go to your Applications folder on Mac and Double click on the
Postgres icon to open it. Then click on **Initialize** to create and start the
PostgreSQL database. You can also check the small elephant icon on the
menu bar at top right to check if the database is running. By default
postgreSQL creates a database for you with the name **postgres**.
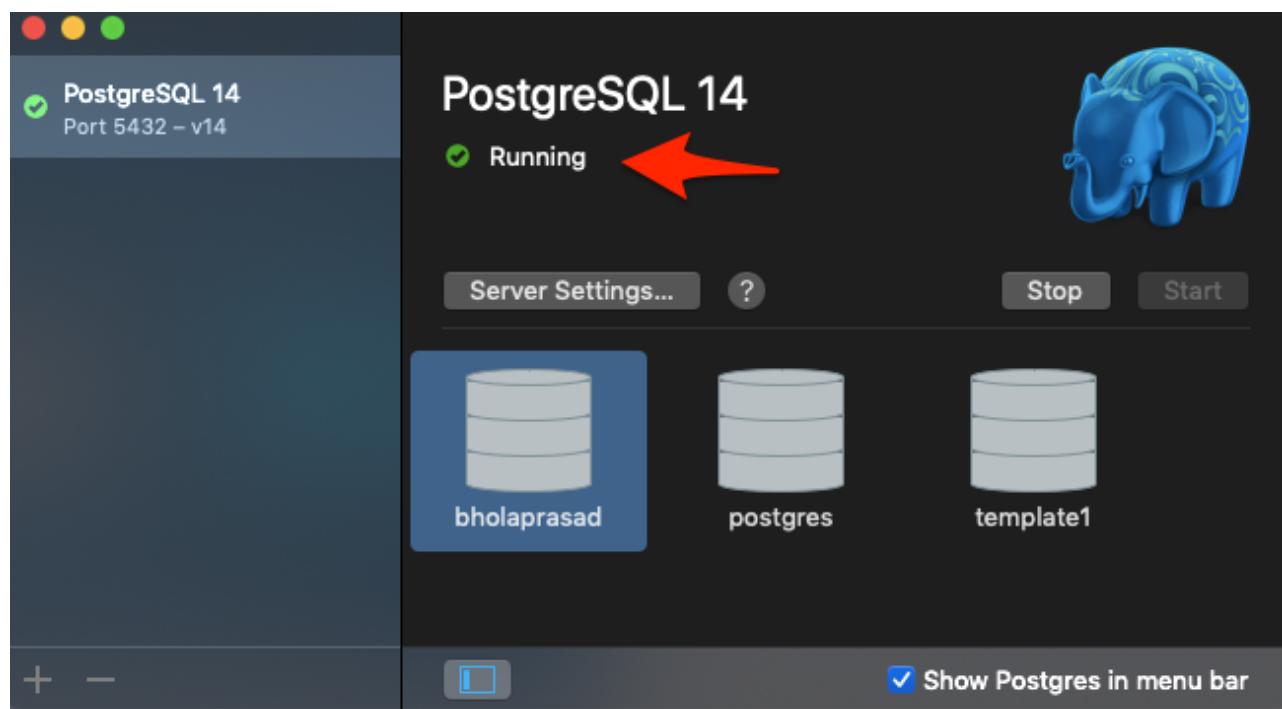
4. If you want to include **PostgreSQL command line** tools then run the
following commands on your terminal. Copy the code as a single line and

paste it on the terminal and hit enter. You can also find the code from here –
https://postgresapp.com/

```
sudo mkdir -p /etc/paths.d &&
echo /Applications/Postgres.app/Contents/Versions/latest/bin | sudo
tee /etc/paths.d/postgresapp
```

5. The default settings of the postgres database is this –

Host	localhost
Port	5432
User	your system user name
Database	same as user
Password	none
Connection URL	postgresql://localhost

Install pgAdmin on Mac –

Postgres.App does not include the **pgAdmin** tool. So you have to download it yourself.

1. Go to the **pgAdmin mac download** page –
   https://www.pgadmin.org/download/pgadmin-4-macos/

2. Select the **latest version** and on the next page click on the **pgadmin .dmg** file to **download**.

pgAdmin 4 (macOS)

Download

Maintainer: pgAdmin Development Team

A macOS App Bundle containing the pgAdmin 4 Desktop Runtime and Web application is available for macOS 10.12 and above.

- ⬇ pgAdmin 4 v6.2 (released Nov. 18, 2021)
- ⬇ pgAdmin 4 v6.1 (released Oct. 21, 2021)
- ⬇ pgAdmin 4 v6.0 (released Oct. 7, 2021)
- ⬇ pgAdmin 4 v5.7 (released Sept. 9, 2021)
- ⬇ pgAdmin 4 v4.30 (released Jan. 28, 2021)

le Browser 📂

p → pgadmin → pgadmin4 → v6.2 → macos

rectories

[Parent Directory]

les

CURRENT_MAINTAINER	2021-11-18 10:49:05	138 bytes
pgadmin4-6.2.dmg	2021-11-18 10:49:14	169.6 MB

Current Maintainer

```
Support: pgadmin-support@lists.postgresql.org
Website: https://www.pgadmin.org/
Tracker: https://redmine.postgresql.org/projects/pgadmin4
```

3. Double click the **.dmg** file and agree the terms. Then drag and drop the **pgAdmin 4** app elephant icon to the **Application** folder.

4. Go to the Application folder and double click on the **pgAdmin 4** icon to open it. Then click on the **servers > PostgreSQL > Databases > postgres** .If during the installation process, you have been asked to create a user and password then please do so. I have done it before so it did not asked me for it.
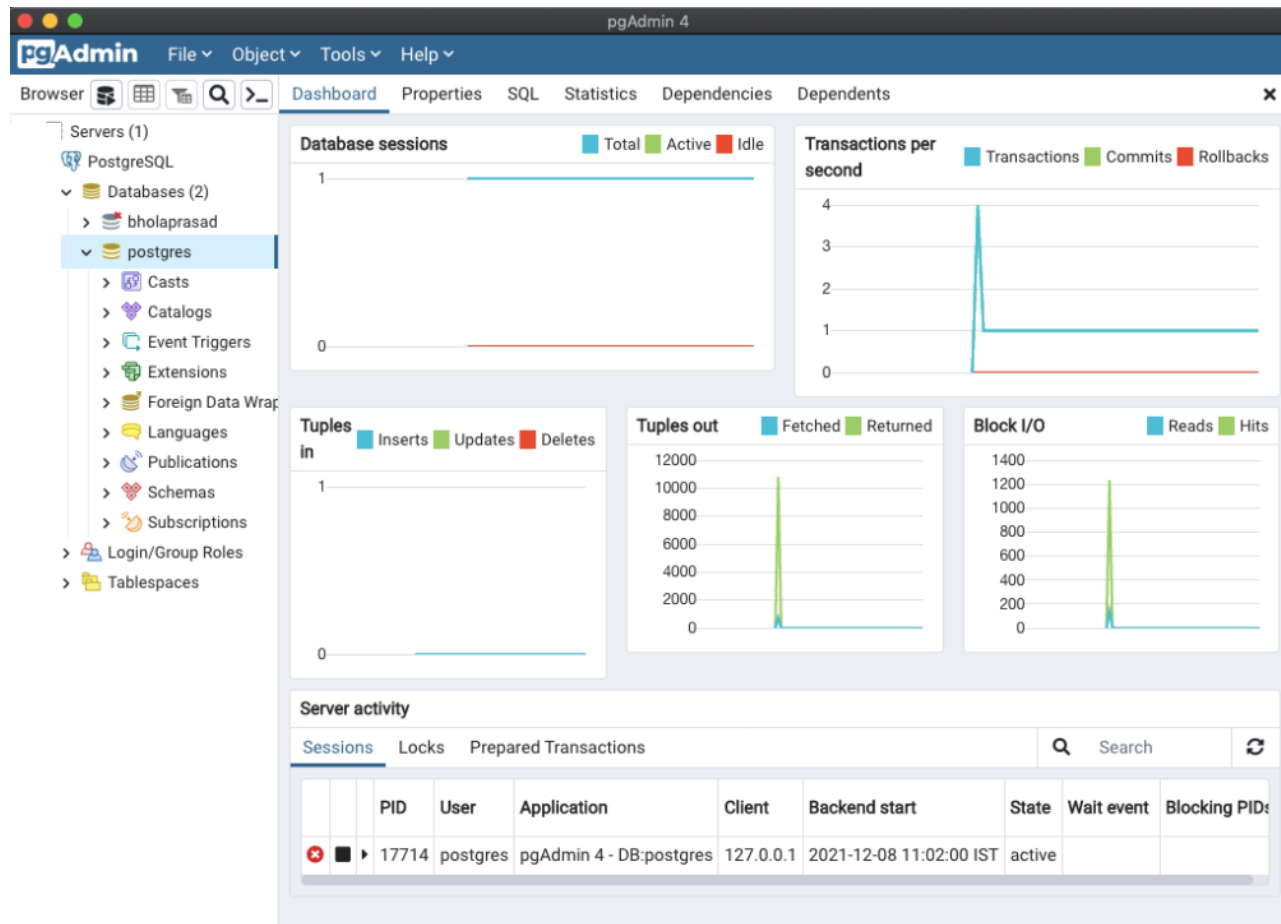
5. To know how to use the pgAdmin, please read this post that I wrote few days ago – How to use pgAdmin for PostgreSQL.

If you like this post then please share it with others and subscribe to our blog below to learn more about SQL.

Related Posts –

1. How to install PostgreSQL and pgAdmin on Windows.
2. How to use pgAdmin for PostgreSQL.
3. Create a Database and a Table in PostgreSQL.

★ ☆ ☆ ☆ ☆