

Installing SQL (Mac)

1. Download the latest PostgreSQL version for Mac from:

<https://postgresapp.com>

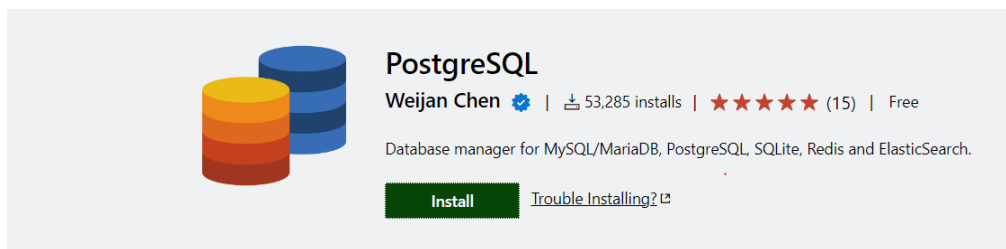
Follow the instructions carefully.

2. Open the “postgres” app and make sure that the server is running. If not, click “Start”.
3. Install the “PostgreSQL” extension for Visual Studio Code.

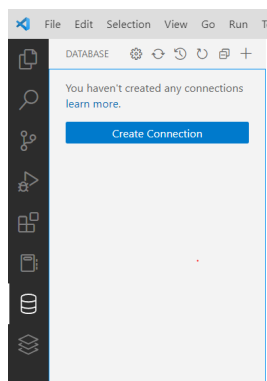
What does it do: It will allow us to use SQL using the same software that we use to program in Python.

- (a) Go to the marketplace website, click on install, then follow instructions:

<https://marketplace.visualstudio.com/items?itemName=cweijan.vscode-postgresql-client2>



- (b) Once it's installed you will see two additional buttons. These are for importing multiple databases of different types, SQL and Non-SQL databases, respectively. We will only need the first one, which looks like a cylinder.

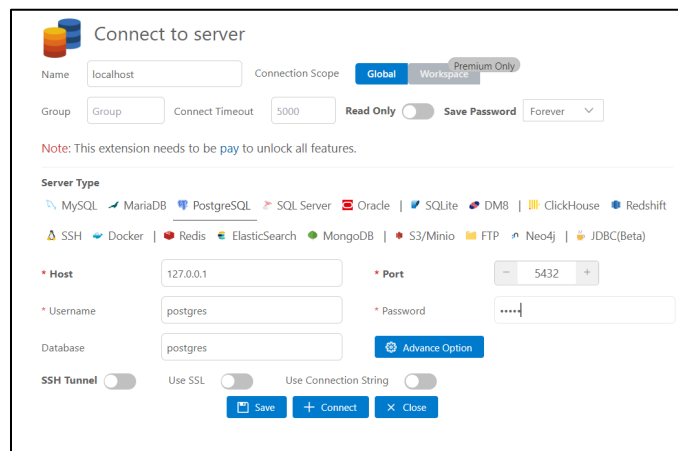


(c) Click on create a connection:

You must enter some options

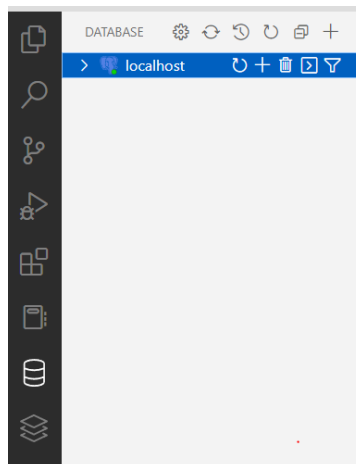
- Name: "localhost" (you can use any custom name)
- Host: 127.0.0.1 (this is the default, this will only differ if you work with an external server)
- username: postgres
- password: (leave blank)
- port: 5432 (same as the one we chose above)

Leave everything else to the default. Click the "Connect" button at the bottom.



The screenshot shows the 'Connect to server' dialog box in Visual Studio Code. The 'Name' field is set to 'localhost'. The 'Host' field is '127.0.0.1' and the 'Port' is '5432'. The 'Username' is 'postgres' and the 'Password' field is empty. The 'Database' field is also 'postgres'. The 'Connection Scope' is set to 'Global'. There are buttons for 'Save', 'Connect', and 'Close' at the bottom. A note mentions that the extension needs to be paid to unlock all features.

(d) Check that the connection now appears on the left panel. Sometimes the connection doesn't work if the server isn't running. If this happens you can open the "Postgresql" program on your computer to start the server.



You've connected SQL to Virtual Studio Code! We're ready to start working with SQL.