



Installing pgAdmin and Postgres

Data Boot Camp

Lesson 8.1





Like coding with Python in Visual Studio Code, SQL requires a code editor that can execute the scripts that developers (you!) create.

Installing pgAdmin and Postgres

Before you begin:



Remember to choose the installation package specific to your operating system.



Download the latest of version 12.



Be prepared to record a password; you will need it later!

Installing pgAdmin and Postgres

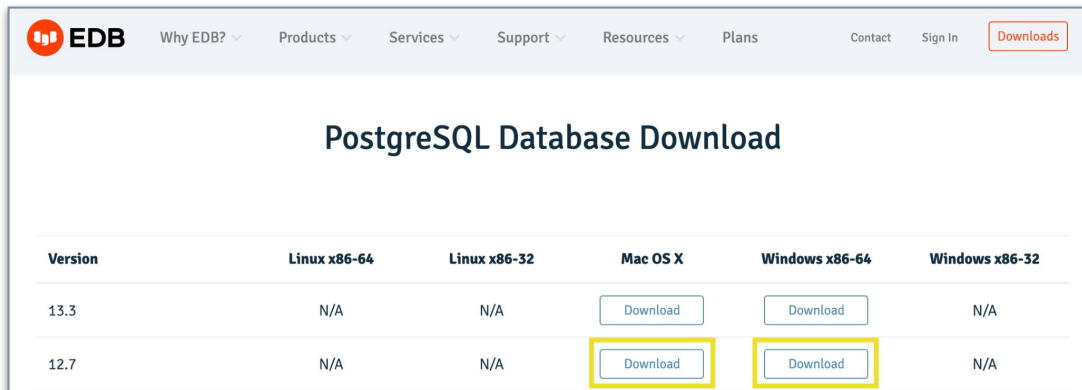
Instructions



Visit the Downloads page with PostgreSQL installers on EnterpriseDB. Check Slack for the link.



Download the installer for your respective operating system.
Note: It will take a few minutes to complete the download.

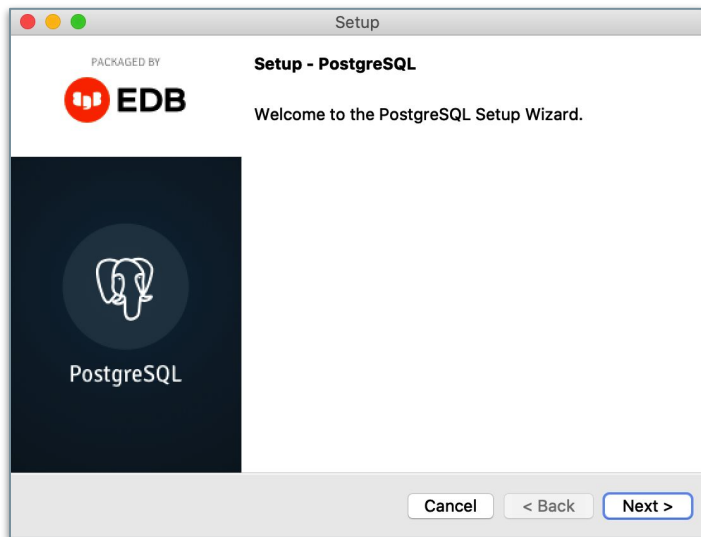


PostgreSQL Database Download					
Version	Linux x86-64	Linux x86-32	Mac OS X	Windows x86-64	Windows x86-32
13.3	N/A	N/A	Download	Download	N/A
12.7	N/A	N/A	Download	Download	N/A

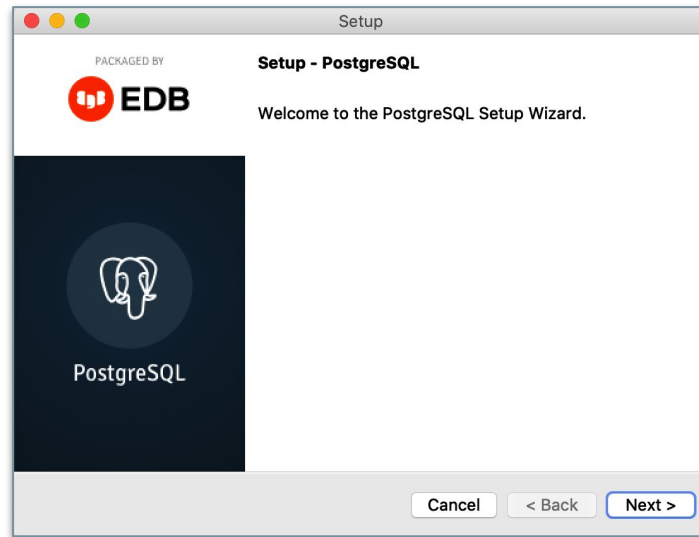
Installing pgAdmin and Postgres

An installation wizard will guide you through multiple steps where you can choose different options for your PostgreSQL setup. Click Next to proceed.

macOS



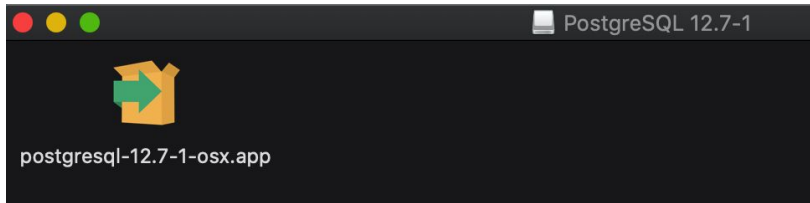
Windows



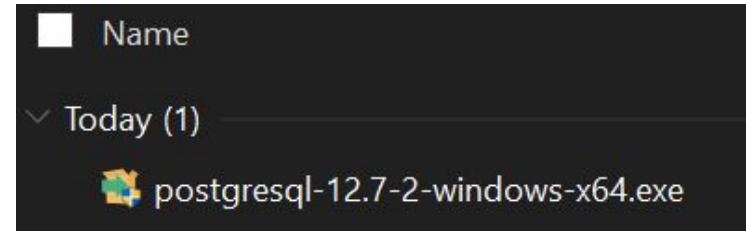
Installing pgAdmin and Postgres

Double-click on the installer file.

macOS



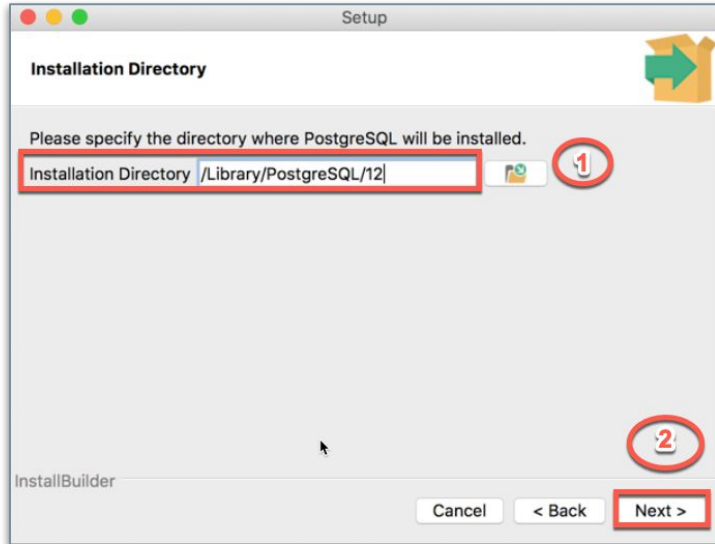
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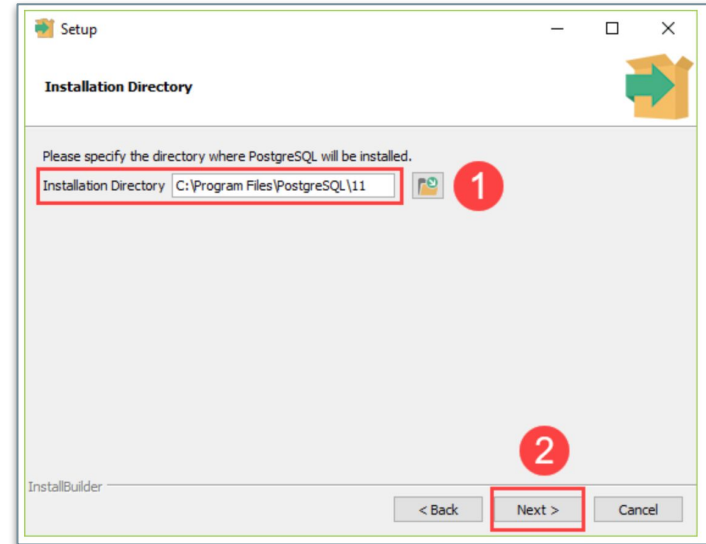
Installing pgAdmin and Postgres

Specify the installation folder. Either **choose your own** or **keep the default folder** suggested by the PostgreSQL installer, and then click **Next**.

macOS



Windows

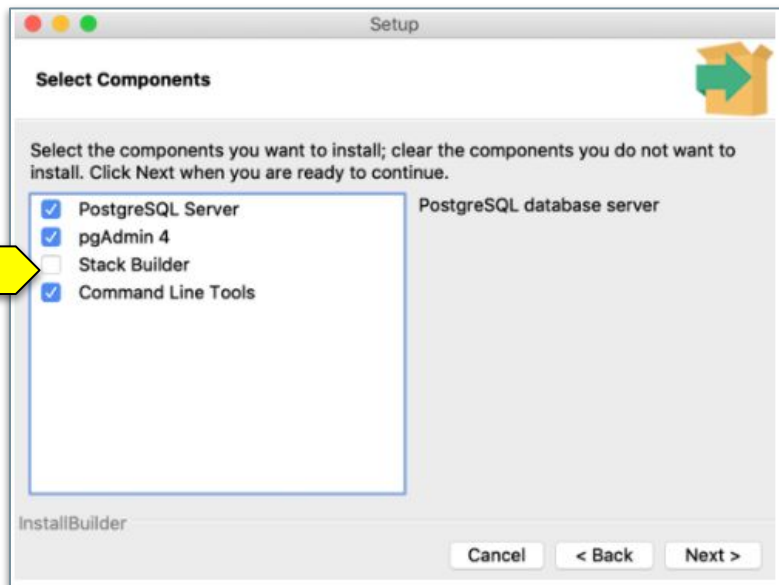


Installing pgAdmin and Postgres

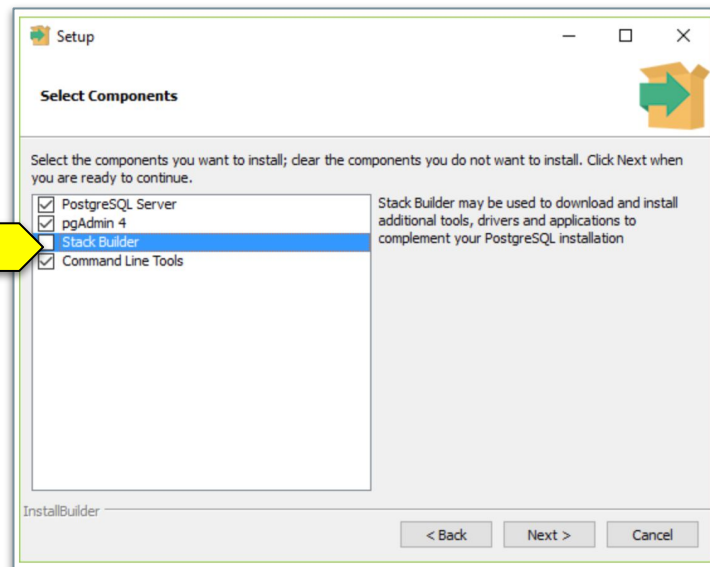
Select the components to be installed, and click **Next**.

Note: Make sure to uncheck “Stack Builder.”

macOS



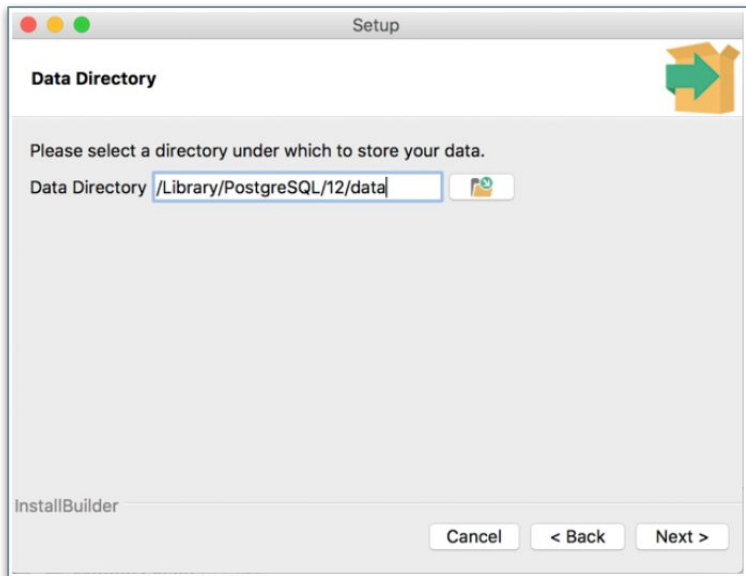
Windows



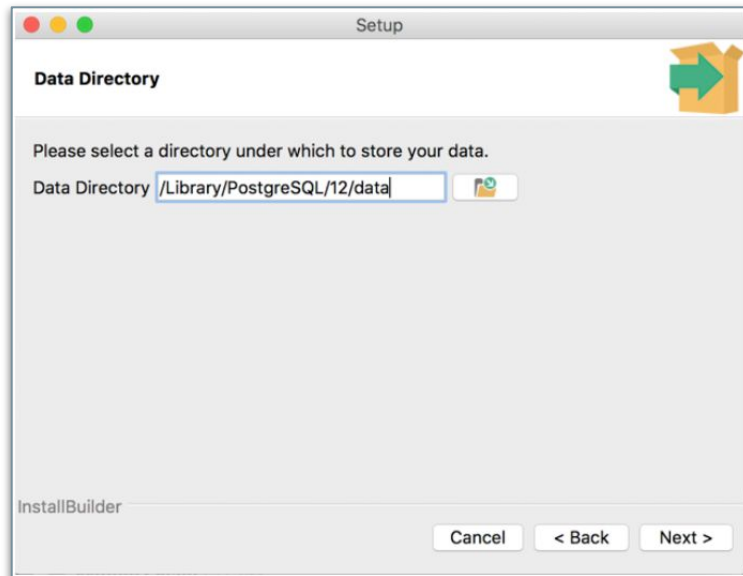
Installing pgAdmin and Postgres

Select the database directory for storing the data. Either **keep the default option** or choose your own, and click **Next**.

macOS



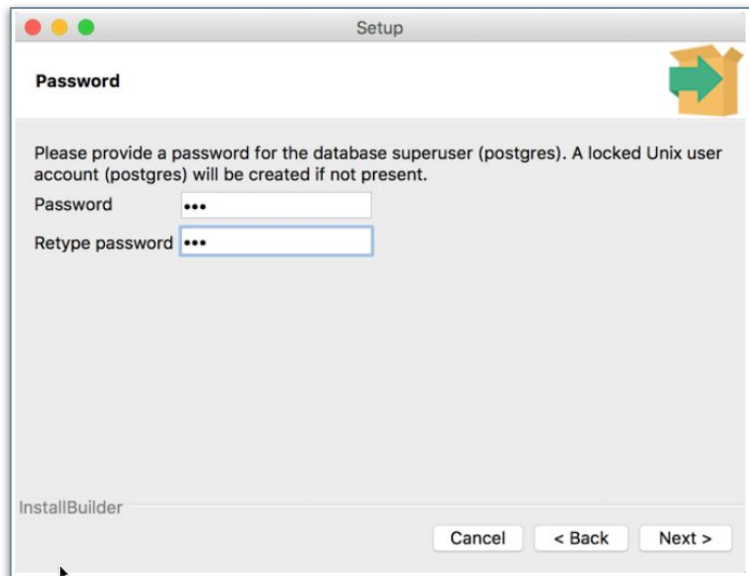
Windows



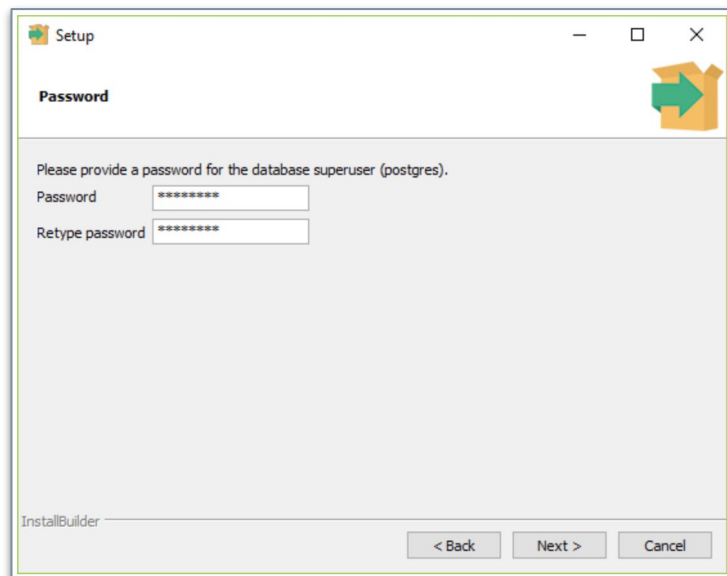
Installing pgAdmin and Postgres

Create a password for the database superuser (postgres). Create an appropriate password, and click **Next >**.

macOS



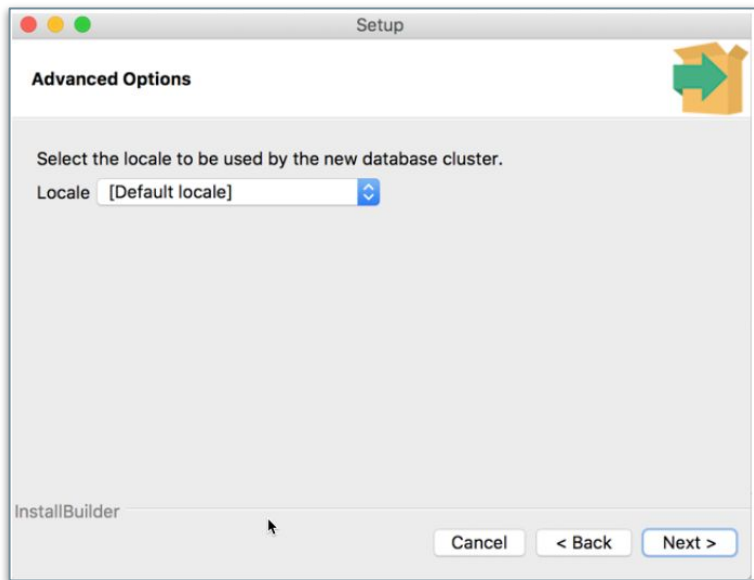
Windows



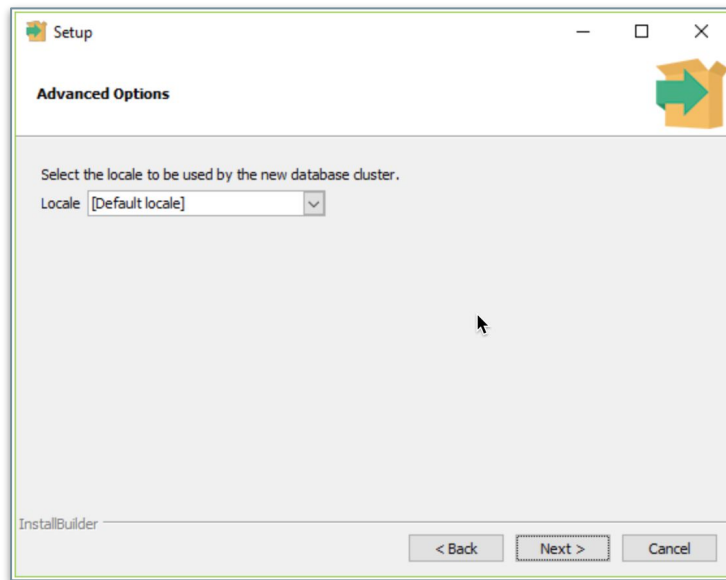
Installing pgAdmin and Postgres

Choose the default locale used by the database, and click **Next**.

macOS



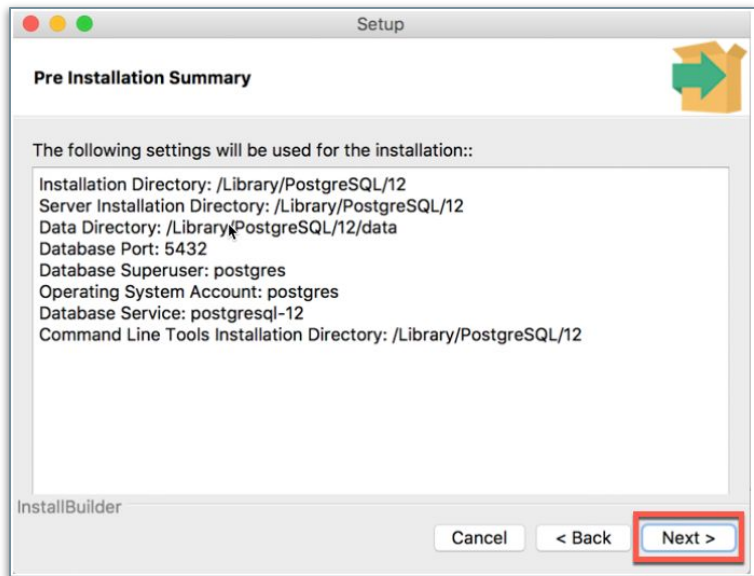
Windows



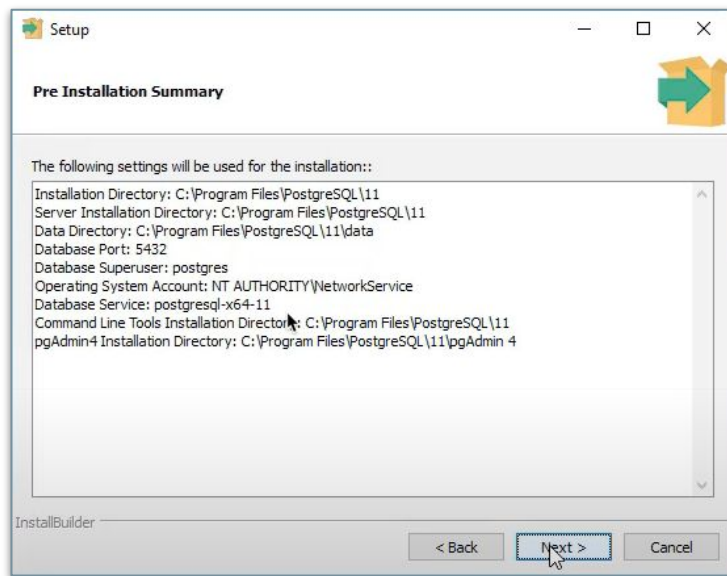
Installing pgAdmin and Postgres

A summary of your selections will be provided. Review it, and then click **Next**.

macOS



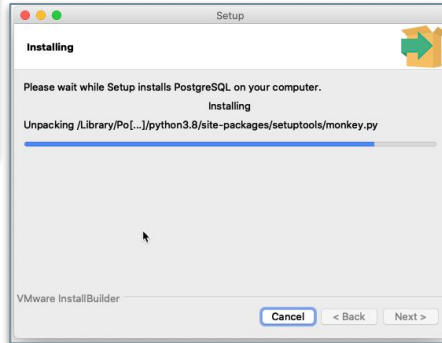
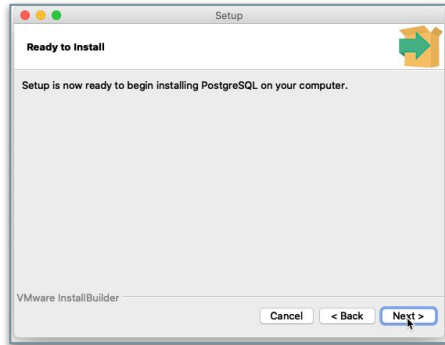
Windows



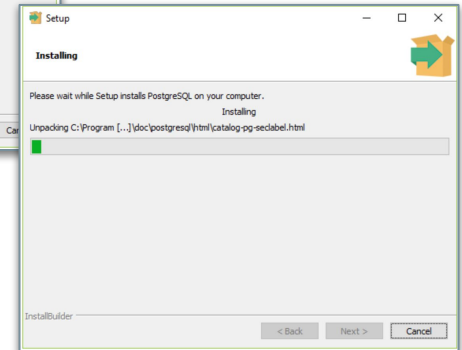
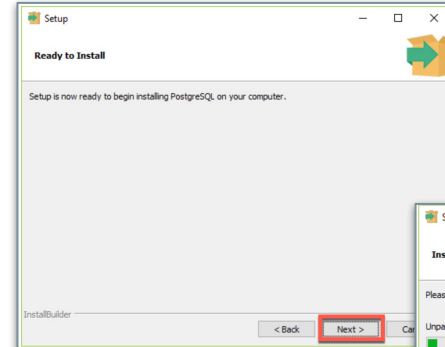
Installing pgAdmin and Postgres

You are now ready to install PostgreSQL. Click **Next** to proceed.

macOS



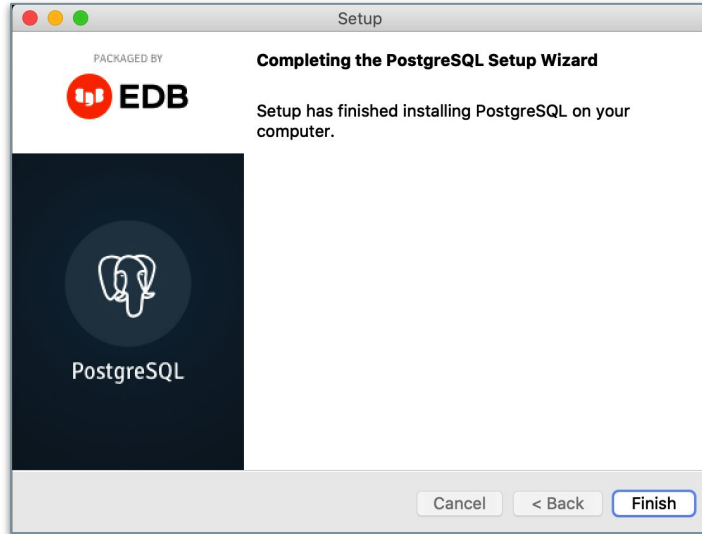
Windows



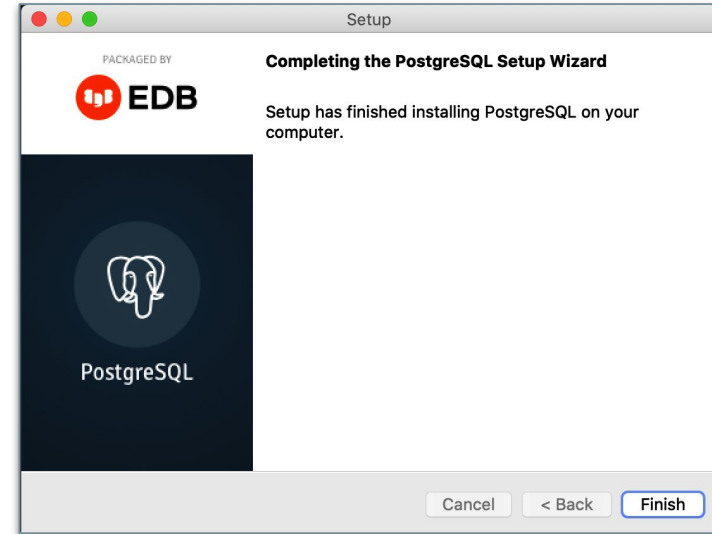
Installing pgAdmin and Postgres

Click **Finish** to complete the installation.

macOS



Windows

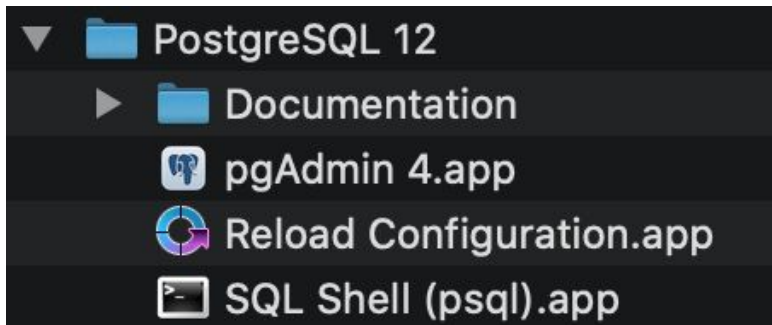


Installing pgAdmin and Postgres

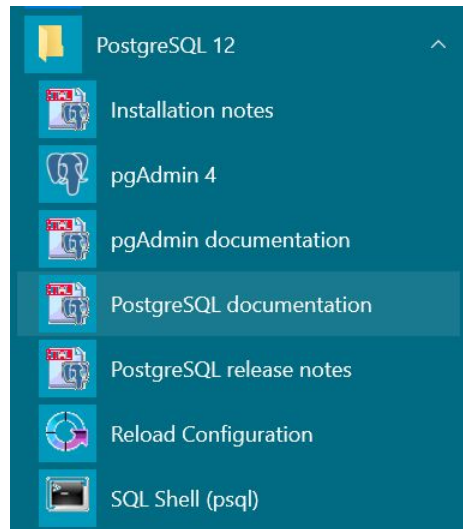
Once the installation is complete:

- Mac users will find a folder named PostgreSQL 12 in **Applications**.
- Windows users will be able to access the same files by opening the **Start** menu and scrolling to the PostgreSQL 12 folder.

macOS



Windows



Installation Process Using Homebrew: CLI

Before you begin

Make sure you have a package manager called [Homebrew](#) installed. If not, use the following installation process:

- Open your terminal.
- Copy and paste the following command:

```
ruby -e "$(curl -fsSL  
https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

Once Homebrew has been installed, run the following command to install PostgreSQL

```
brew install postgresql
```

To check the version of Postgres installed, run the following command

```
postgres --version
```

Next, start Postgres by running the following command

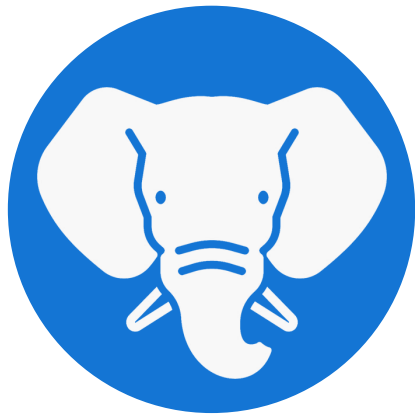
```
brew services start postgres
```


Installation Process Using Homebrew: CLI

Log in to the Postgres database.

By default, Postgres has a database named postgres. To connect to the database, run the following command:

```
psql postgres
```



Congratulations!
You have successfully
installed PostgreSQL

Questions?

