



DEVELOPMENT LARAGON · UPDATED 17/07/2021

# LARAGON – Add PostgreSQL

14/04/2021 · 1 COMMENT

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## 1. Introduction

By default [Laragon](#), comes with [MySQL](#) installed. But adding [PostgreSQL](#) is easy.



Use Laragons build-in Quick Add option to install PostgreSQL.





## 2. Notice

Be sure your Windows 10 (64 bit) OS has the latest [Visual C++ Redistributable for Visual Studio 2015-2019](#) installed.

## 3. What about the data?

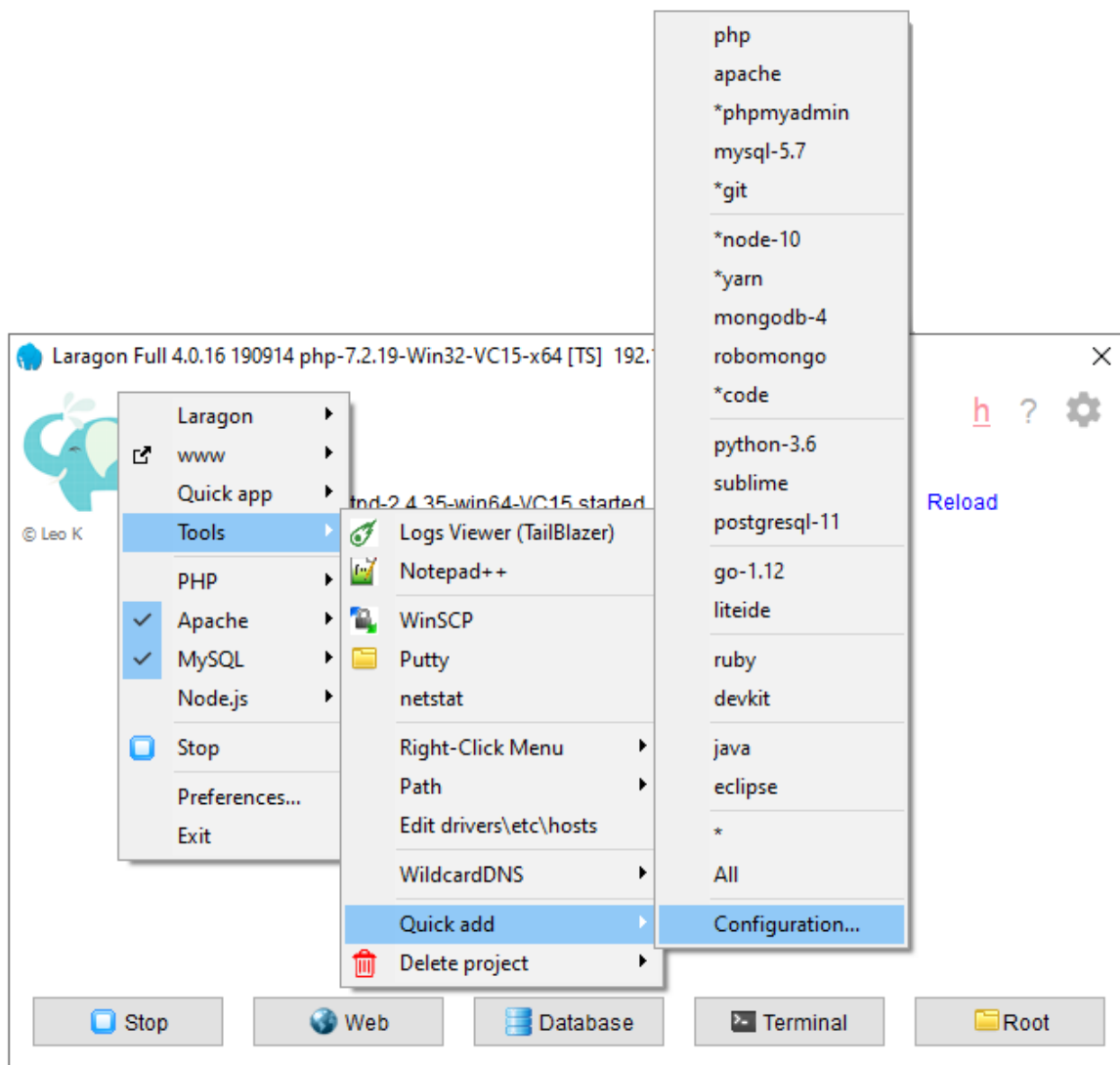
This procedure will install PostgreSQL into your Laragon installation.  
A new folder `\LARAGON\data\postgresql-13\` will be created.  
It will not touch the existing MySQL or MariaDB databases.

Because MySQL/MariaDB uses port 3306 and PostgreSQL uses port 5432, both database systems can coexist at the same time.

This means you can export and import your data to migrate between database systems.

## 4. Laragon - Add PostgreSQL

- In the **Tools** section, select **Quick Add** → **Configuration**. This will open the file `\LARAGON\usr\packages.conf` for editing.
- Change the line `postgresql-11=https://get.enterprisedb.com/postgresql/postgresql-11.0-1-windows-x64-binaries.zip` into `postgresql-13=https://get.enterprisedb.com/postgresql/postgresql-13.2-2-windows-x64-binaries.zip`
- Save and close the file.



```

D:\LARAGON\usr\packages.conf - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
packages.conf
1 # PHP
2 php=https://github.com/leokhoa/laragon-packages/releases/download/4.0.9/php-7.3.2-Win32-VC15-x64.zip
3
4 # Apache
5 apache=https://home.apache.org/~steffenal/VC14/binaries/httpd-2.4.37-win64-VC14.zip
6
7 # phpMyAdmin
8 *phpmyadmin=https://files.phpmyadmin.net/phpMyAdmin/4.8.5/phpMyAdmin-4.8.5-english.zip
9
10 # MariaDB
11 *mariadb10.3=https://downloads.mariadb.org/f/mariadb-10.3.10/winx64-packages/mariadb-10.3.10-winx64.zip/from/http%3A//sql.m
12 # mysql-8.0=https://dev.mysql.com/get/Downloads/MySQL-8.0/mysql-8.0.13-winx64.zip
13 mysql-5.7=https://dev.mysql.com/get/Downloads/MySQL-5.7/mysql-5.7.24-winx64.zip
14 *git=https://github.com/leokhoa/laragon-packages/releases/download/4.0/git-2.19.2.zip
15 -----
16
17 # Node.js
18 *node-11=https://nodejs.org/dist/v11.10.0/node-v11.10.0-win-x64.zip
19 *node-10=https://nodejs.org/dist/v10.15.1/node-v10.15.1-win-x64.zip
20 *yarn=https://github.com/yarnpkg/yarn/releases/download/v1.14.0/yarn-v1.14.0.tar.gz
21
22 # MongoDB https://www.mongodb.com/download-center/community
23 mongodb-4=https://fastdl.mongodb.org/win32/mongodb-win32-x86_64-2008plus-ssl-4.0.3.zip
24 # Robomongo
25 robomongo=https://download.robomongo.org/1.2.1/windows/robo3t-1.2.1-windows-x86_64-3e50a65.zip
26
27 # VS Code
28 *code=https://go.microsoft.com/fwlink/?Linkid=850641
29 -----
30
31 # Python
32 python-3.6=https://github.com/leokhoa/laragon/releases/download/portable/python-3.6.1.zip
33 # Sublime Text
34 sublime=https://download.sublimetext.com/Sublime%20Text%20Build%203176%20x64.zip
35
36 # PostgreSQL
37 postgresql-11=https://get.enterprisedb.com/postgresql/postgresql-11.0-1-windows-x64-binaries.zip
38 # postgresql-10=https://get.enterprisedb.com/postgresql/postgresql-10.5-1-windows-x64-binaries.zip
39
40 -----

```

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```

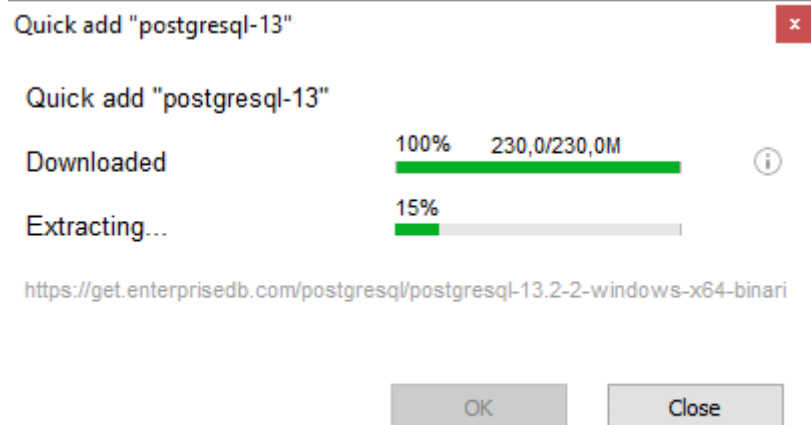
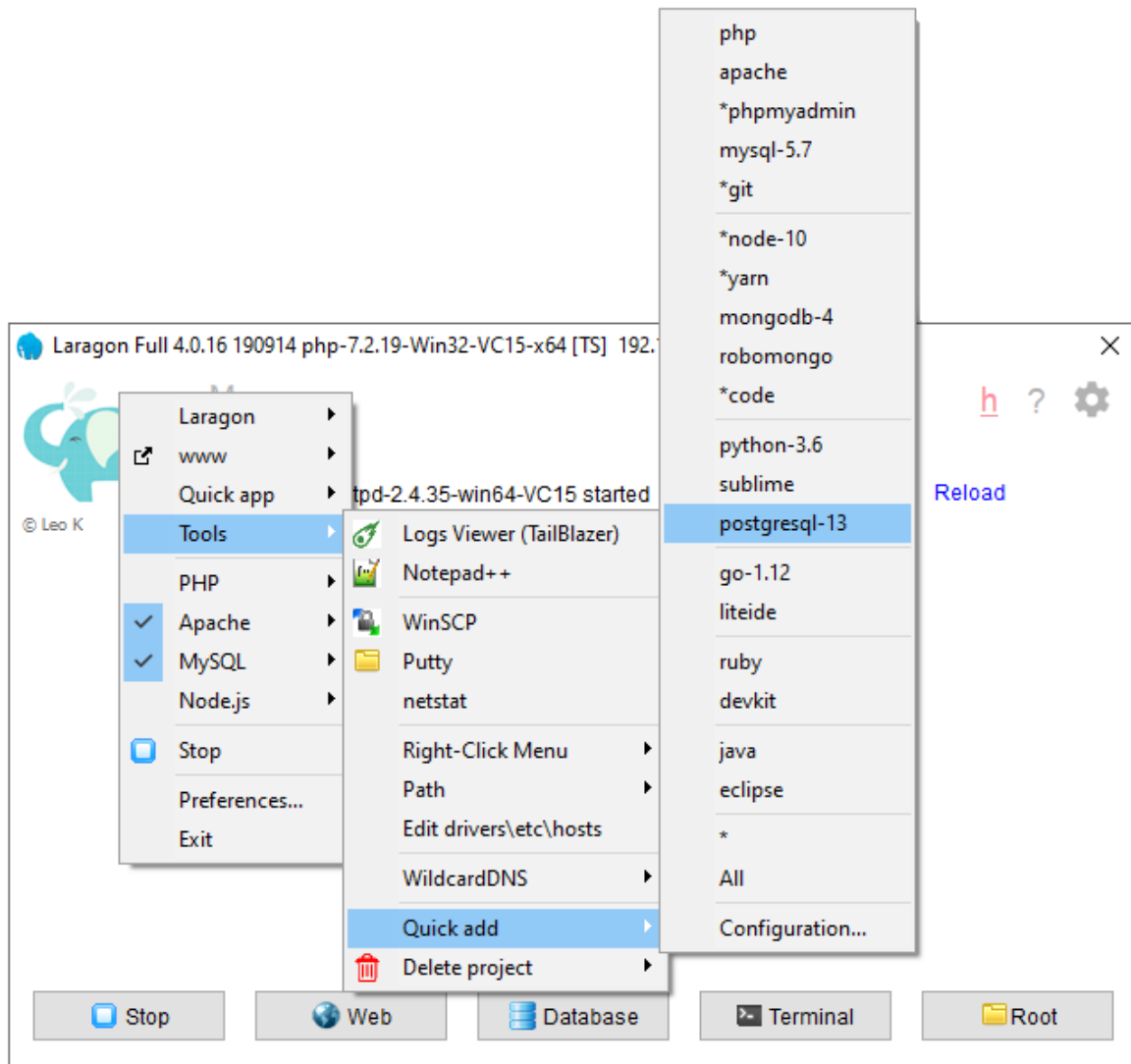
D:\LARAGON\usr\packages.conf - Notepad++
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6
7 # phpMyAdmin
8 *phpmyadmin=https://files.phpmyadmin.net/phpMyAdmin/4.8.5/phpMyAdmin-4.8.5-english.zip
9
10 # MariaDB
11 *mariadb10.3=https://downloads.mariadb.org/f/mariadb-10.3.10/winx64-packages/mariadb-10.3.10-winx64.zip/from/http%3A//sql.m
12 # mysql-8.0=https://dev.mysql.com/get/Downloads/MySQL-8.0/mysql-8.0.13-winx64.zip
13 mysql-5.7=https://dev.mysql.com/get/Downloads/MySQL-5.7/mysql-5.7.24-winx64.zip
14 *git=https://github.com/leokhoa/laragon-packages/releases/download/4.0/git-2.19.2.zip
15 -----
16
17 # Node.js
18 *node-11=https://nodejs.org/dist/v11.10.0/node-v11.10.0-win-x64.zip
19 *node-10=https://nodejs.org/dist/v10.15.1/node-v10.15.1-win-x64.zip
20 *yarn=https://github.com/yarnpkg/yarn/releases/download/v1.14.0/yarn-v1.14.0.tar.gz
21
22 # MongoDB https://www.mongodb.com/download-center/community
23 mongodb-4=https://fastdl.mongodb.org/win32/mongodb-win32-x86_64-2008plus-ssl-4.0.3.zip
24 # Robomongo
25 robomongo=https://download.robomongo.org/1.2.1/windows/robo3t-1.2.1-windows-x86_64-3e50a65.zip
26
27 # VS Code
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33 # Sublime Text
34 sublime=https://download.sublimetext.com/Sublime%20Text%20Build%203176%20x64.zip
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36 # PostgreSQL
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38 # postgresql-10=https://get.enterprisedb.com/postgresql/postgresql-10.5-1-windows-x64-binaries.zip
39
40 -----

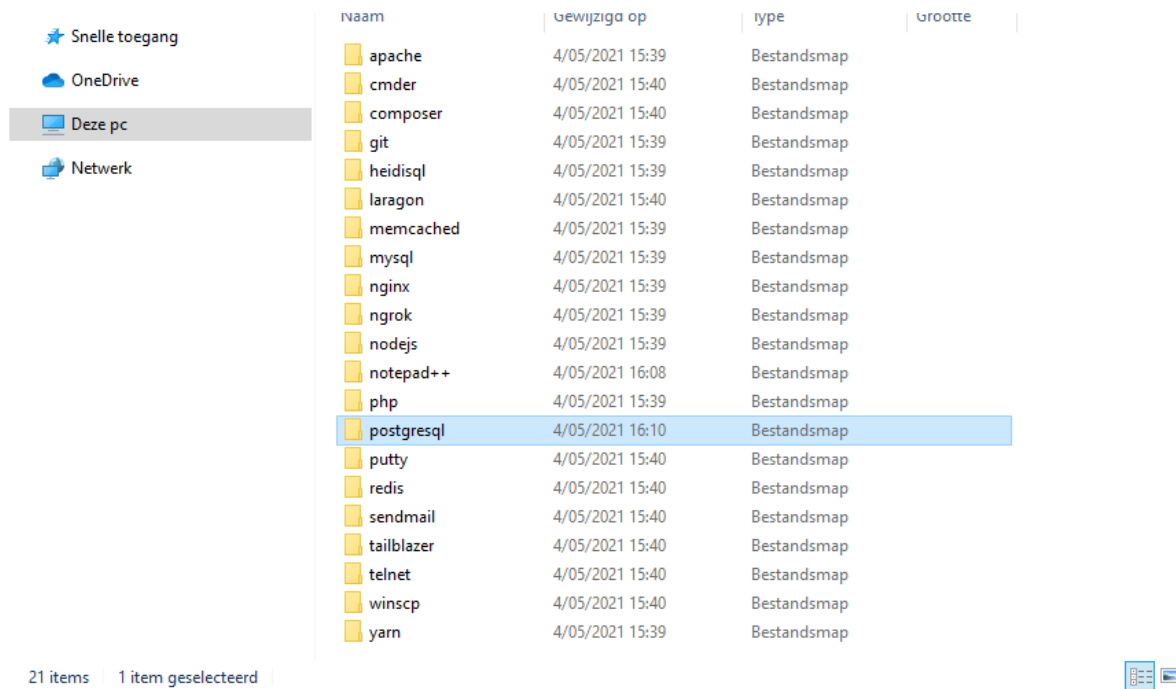
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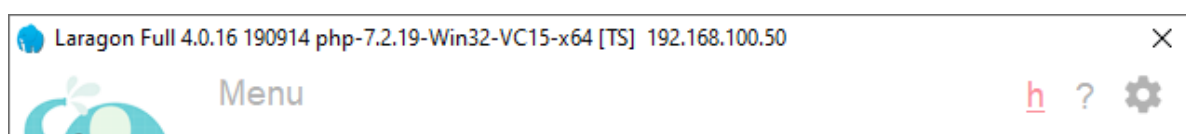
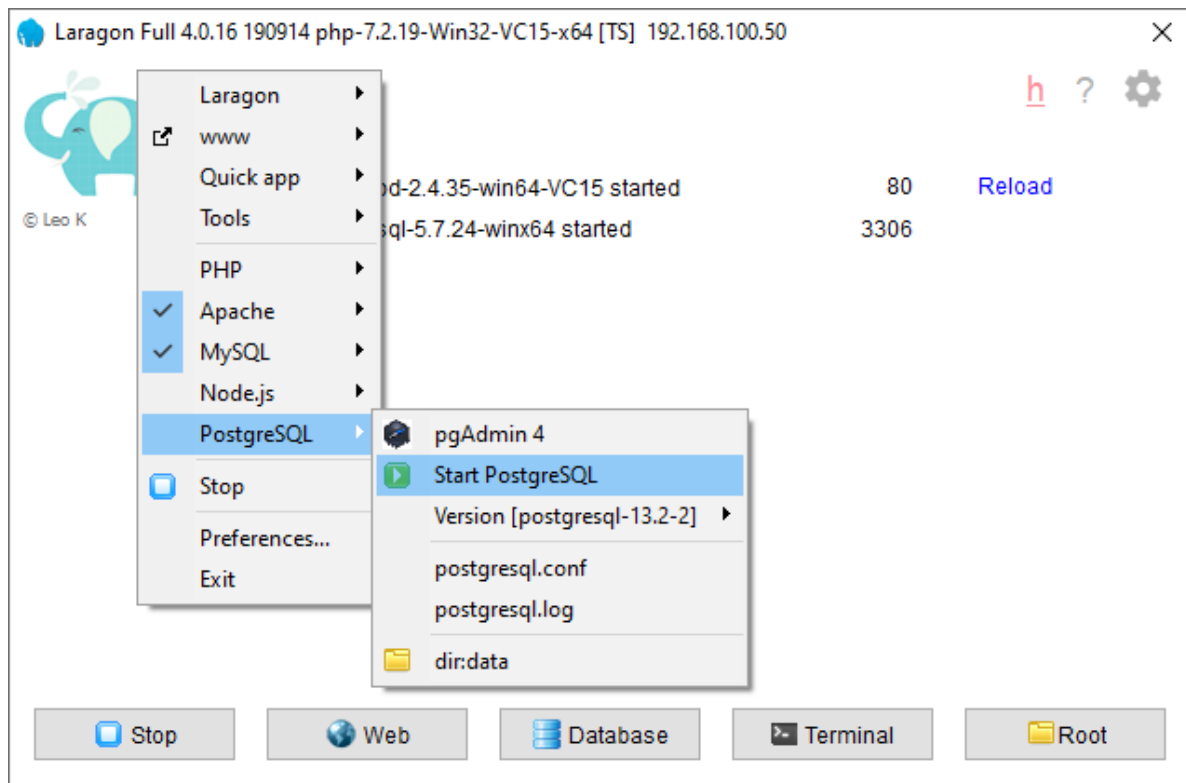
- In the **Tools** section, select **Quick Add** → **postgresql-13**.
- Wait for the installer to finish.
- Laragon has now installed PostgreSQL in the folder


\LARAGON\bin\postgresql\





- Laragon has also added **PostgreSQL** to its menu.
- In the Laragon Button Menu, click on the **Start All** button.
- Laragon has now created a new data folder `\LARAGON\data\postgresql-13\`



  
© Leo K

Apache httpd-2.4.35-win64-VC15 started	80	<a href="#">Reload</a>
MySQL mysql-5.7.24-winx64 started	3306	
PostgreSQL postgresql-13.2-2 started	5432	

Stop Web Database Terminal Root

data

Bestand Start Delen Beeld

← → ↕ ↗ > Deze pc > WINDOWS-DATA-NVME (D:) > LARAGON > data ↕ ↻ 🔍 Zoeken in data

★ Snelle toegang



OneDrive

Deze pc

Netwerk

Naam	Gewijzigd op	Type	Grootte
mysql	4/05/2021 15:40	Bestandsmap	
postgresql-13	4/05/2021 16:13	Bestandsmap	

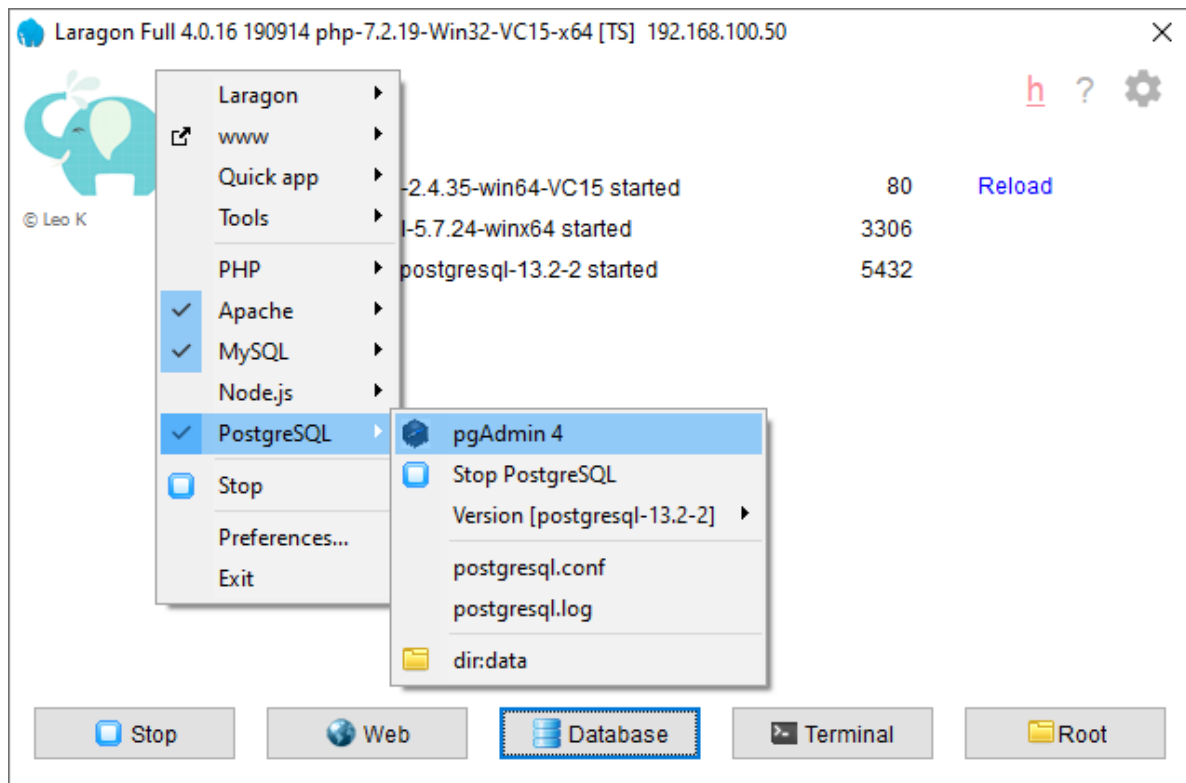
2 items | 1 item geselecteerd

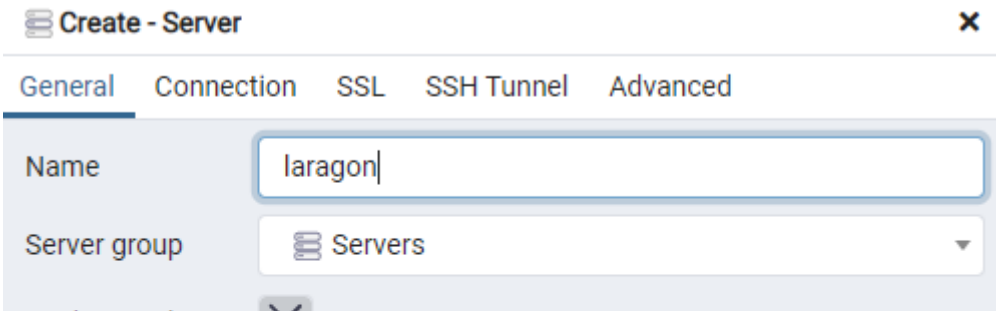
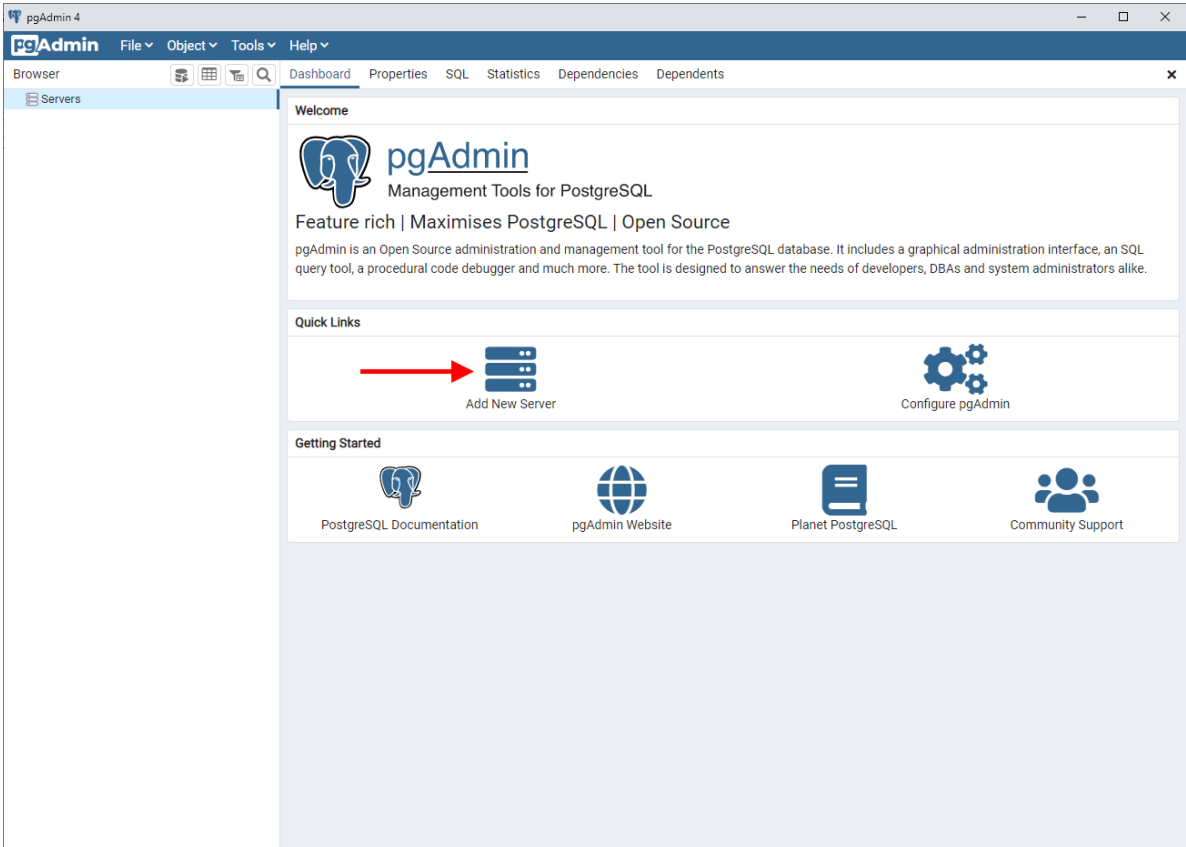
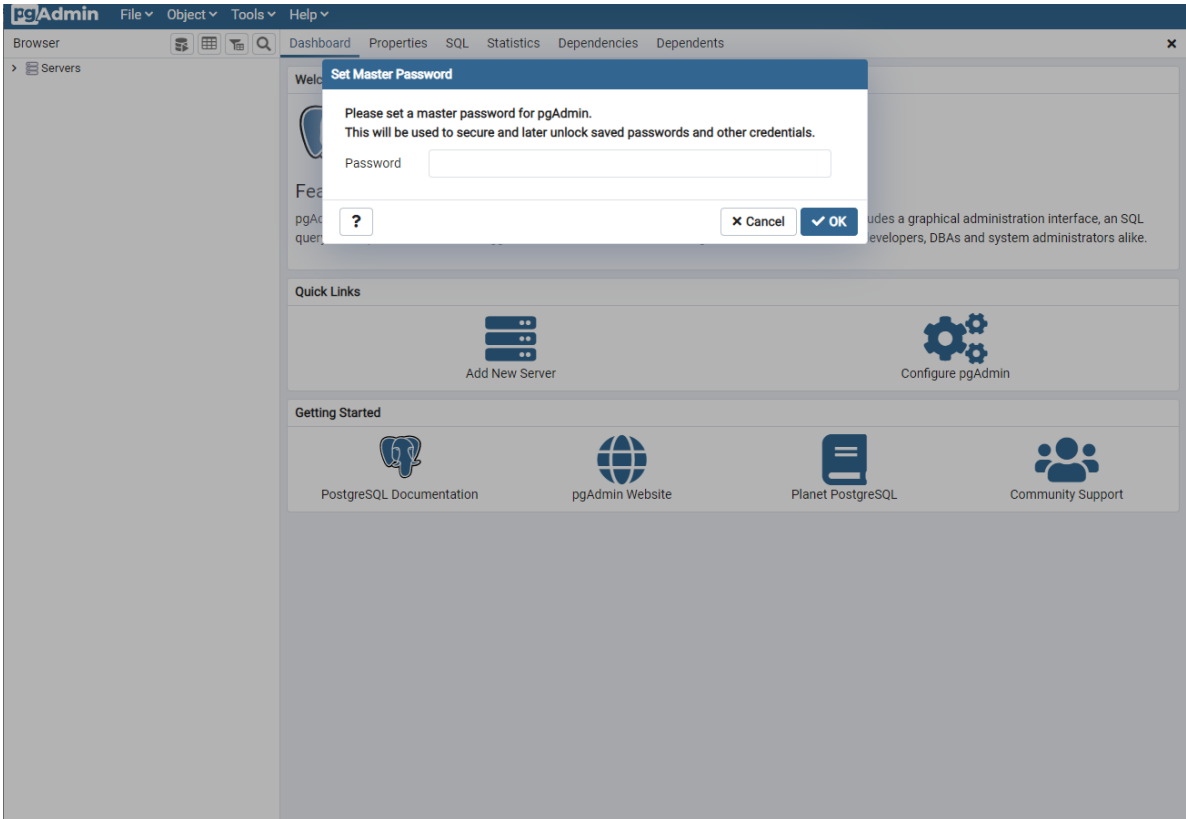




## 5. Laragon - Configure pgAdmin 4

- In the **PostgreSQL** section, select **pgAdmin 4**.
- The first time you start pgAdmin 4, it will ask you to set a password.
- Click the **Add New Server** button.
  - On the **General** tab, give the server connection a name, for instance laragon.
  - On the **Connection** tab, specify the host as localhost or 127.0.0.1.
  - Click the **Save** button.





Background

✕

Foreground

✕

Connect now?

☒

Comments

⚠

Either Host name, Address or Service must be specified.

✕

i

?

✕ Cancel

🔄 Reset

💾 Save

Create - Server

✕

General

Connection

SSL

SSH Tunnel

Advanced

Host name/address

localhost

Port

5432

Maintenance database

postgres

Username

postgres

Password

Save password?

☐

Role

Service

i

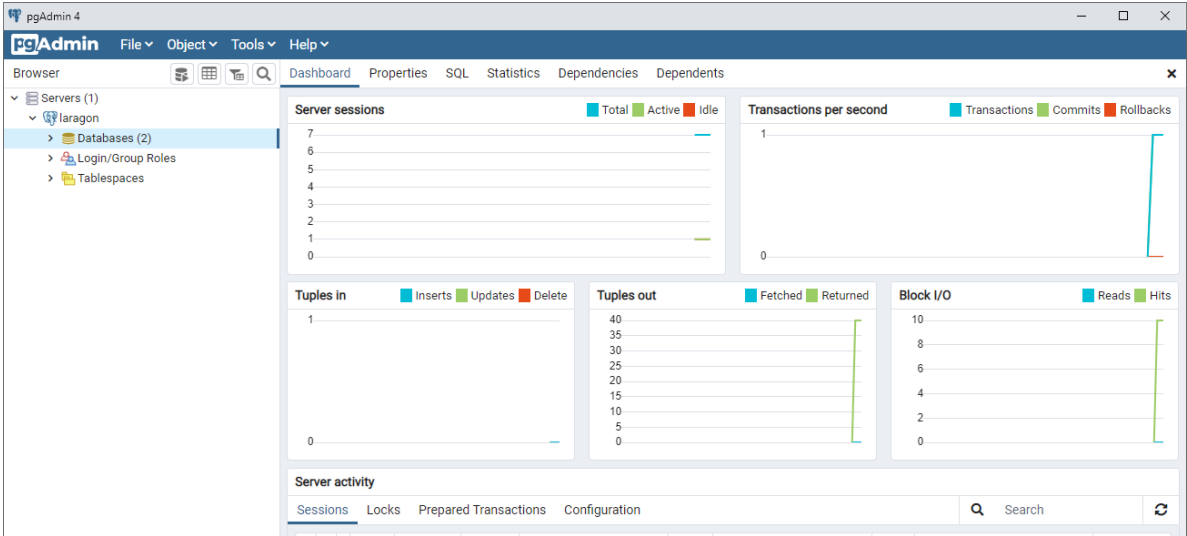
?

✕ Cancel

🔄 Reset

💾 Save

- You are now ready to start using PostgreSQL.



		PID	Database	User	Application	Client	Backend start	State	Wait event	Blocking PID:
✖	■ ▶	2604					2021-05-04 16:13:00 CEST		Activity: WalWriterMain	
✖	■ ▶	4352					2021-05-04 16:13:00 CEST		Activity: AutoVacuumMain	
✖	■ ▶	12580					2021-05-04 16:13:00 CEST		Activity: BgWriterHibernate	
✖	■ ▶	14792	marcg	postgres	pgAdmin 4 - DB:marcg	::1	2021-05-04 16:24:22 CEST	idle	Client: ClientRead	
✖	■ ▶	16220		marcg			2021-05-04 16:13:00 CEST		Activity: LogicalLauncherMain	
✖	■ ▶	16456	postgres	postgres	pgAdmin 4 - DB:postgres	::1	2021-05-04 16:24:13 CEST	active		
✖	■ ▶	18092					2021-05-04 16:13:00 CEST		Activity: CheckpointerMain	

# database    # development    # laragon    # postgresql

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**Fabian**

17/07/2021 / 07:05

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