













































BANCO DE DADOS I

Aula 02 – PostgreSQL

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PostgreSQL Version	Linux x86-64	Linux x86-32	Mac OS X	Windows x86-64	Windows x86-32
15.3	postgresql.org 	postgresql.org 			Not supported
14.8	postgresql.org 	postgresql.org 			Not supported
13.11	postgresql.org 	postgresql.org 			Not supported
12.15	postgresql.org 	postgresql.org 			Not supported
11.20	postgresql.org 	postgresql.org 			Not supported
10.23*					
9.6.24*					
9.5.25*					
9.4.26*					
9.3.25*					

Instalação postgresql

- LINK:
- [Community DL Page \(enterprisedb.com\)](https://enterprisedb.com)
- Versão: 15.3
- É importante utilizar a mesma versão em todo o projeto por causa de problemas com o suporte para algumas bibliotecas.

Setup

PACKAGED BY



Setup - PostgreSQL

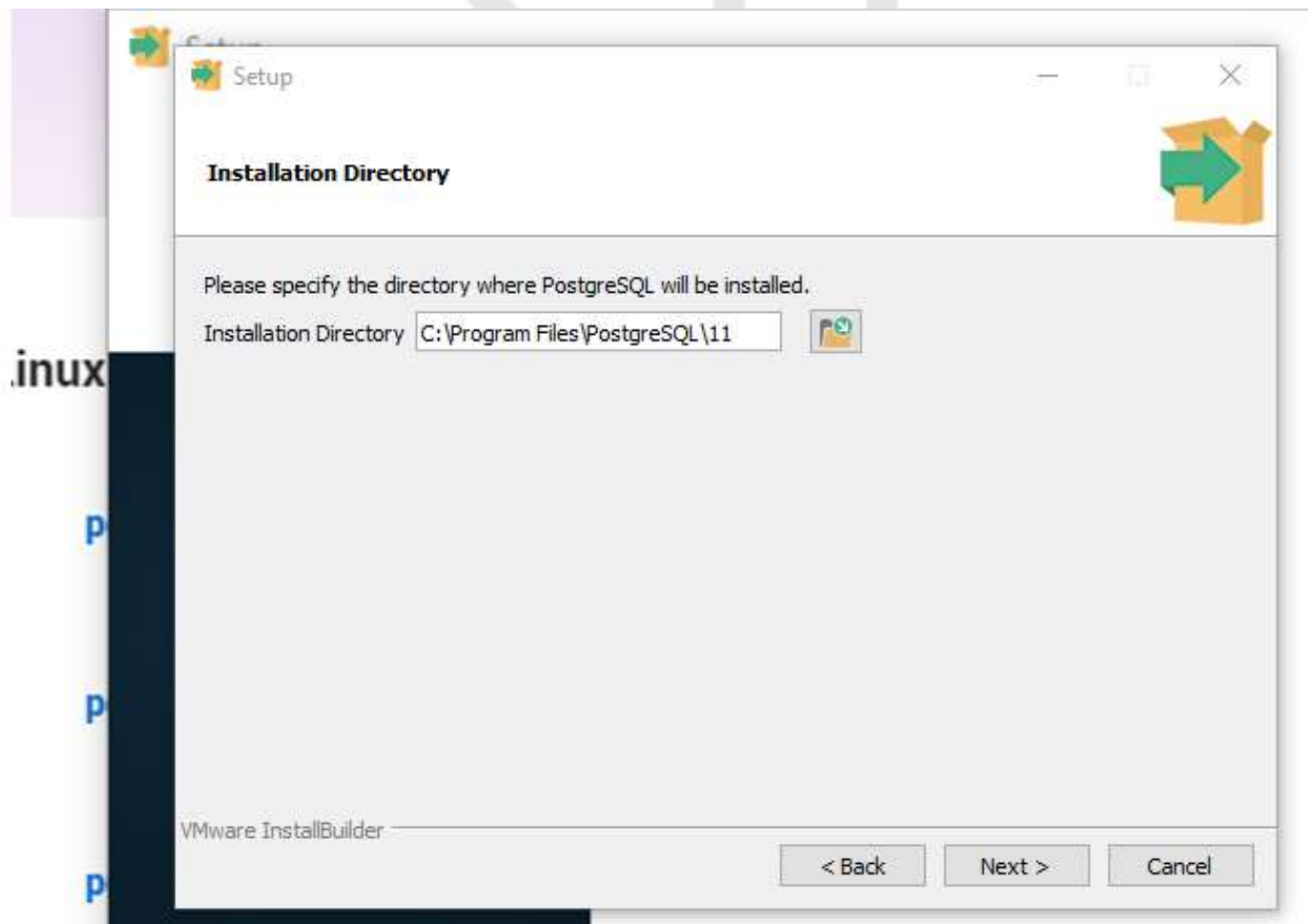
Welcome to the PostgreSQL Setup Wizard.



PostgreSQL

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Setup

Select Components

Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

- ☒ PostgreSQL Server
- ☒ pgAdmin 4
- ☒ Stack Builder
- ☒ Command Line Tools

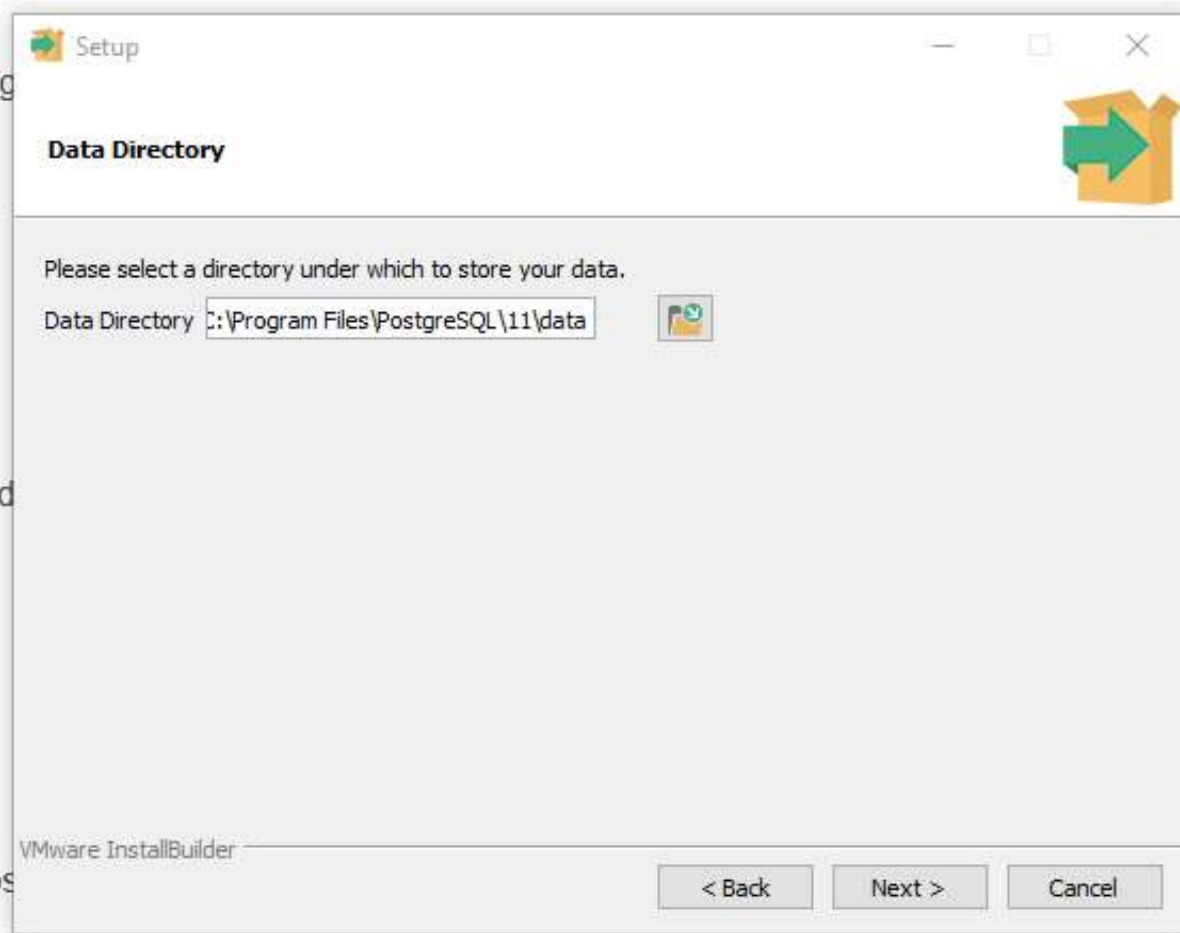
Click on a component to get a detailed description

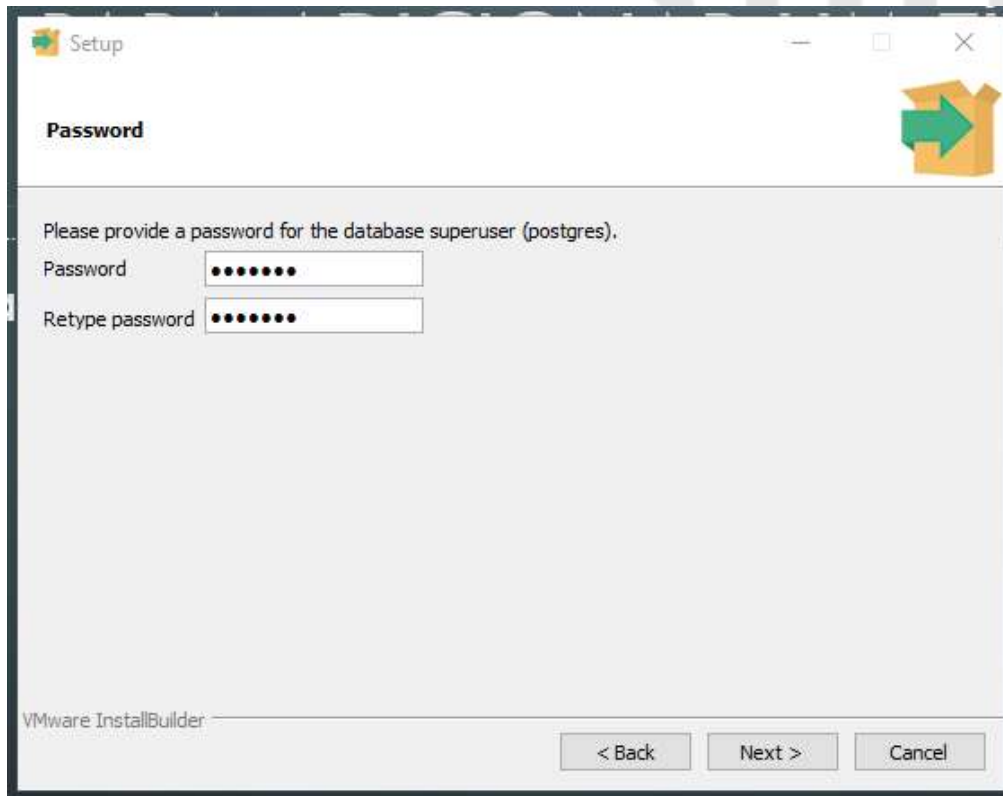
VMware InstallBuilder

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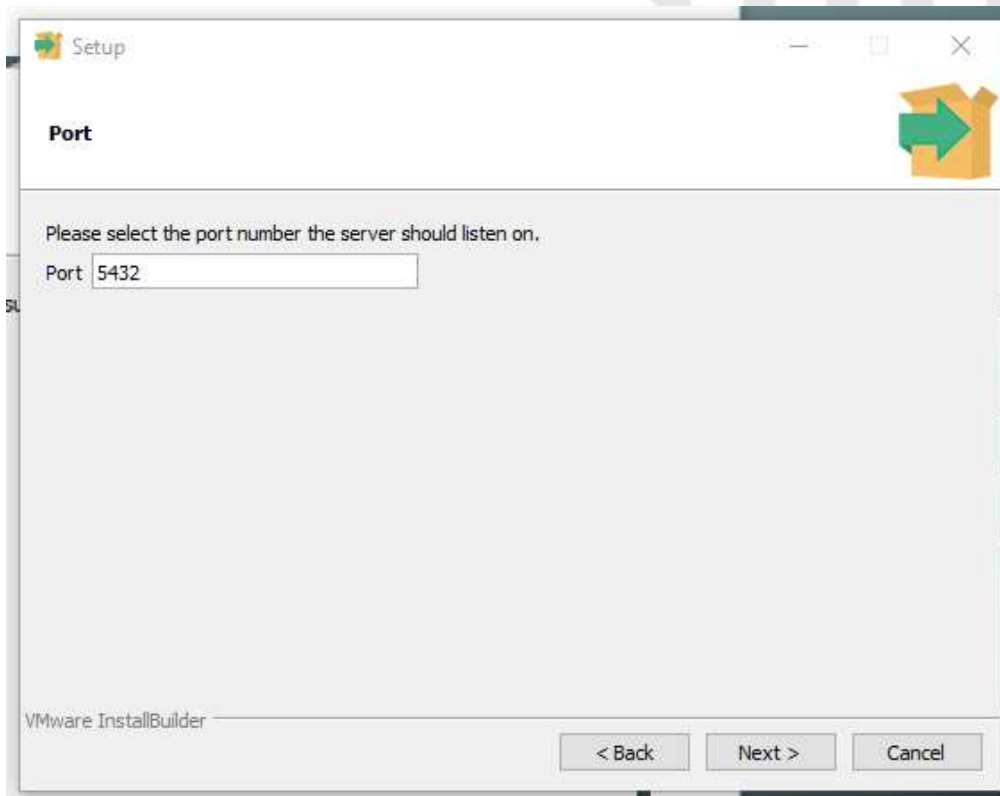
Next >

Cancel

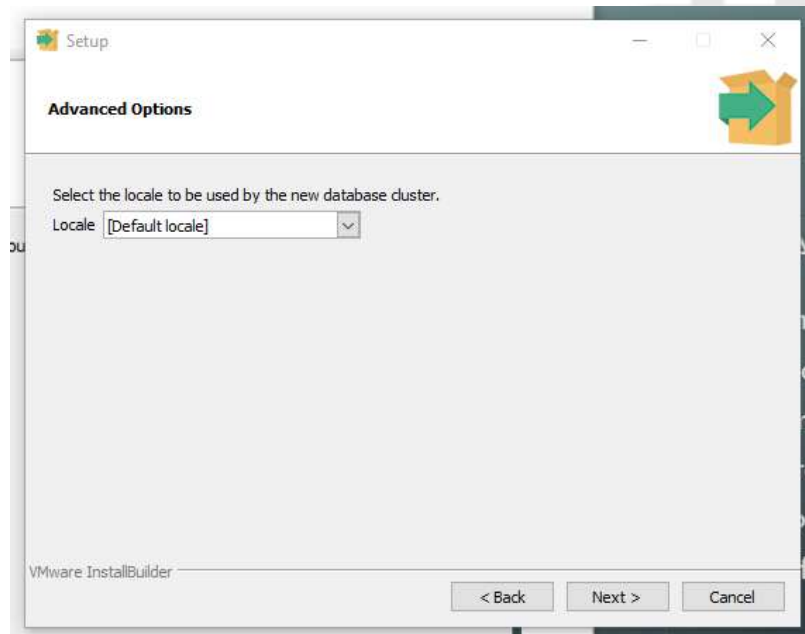




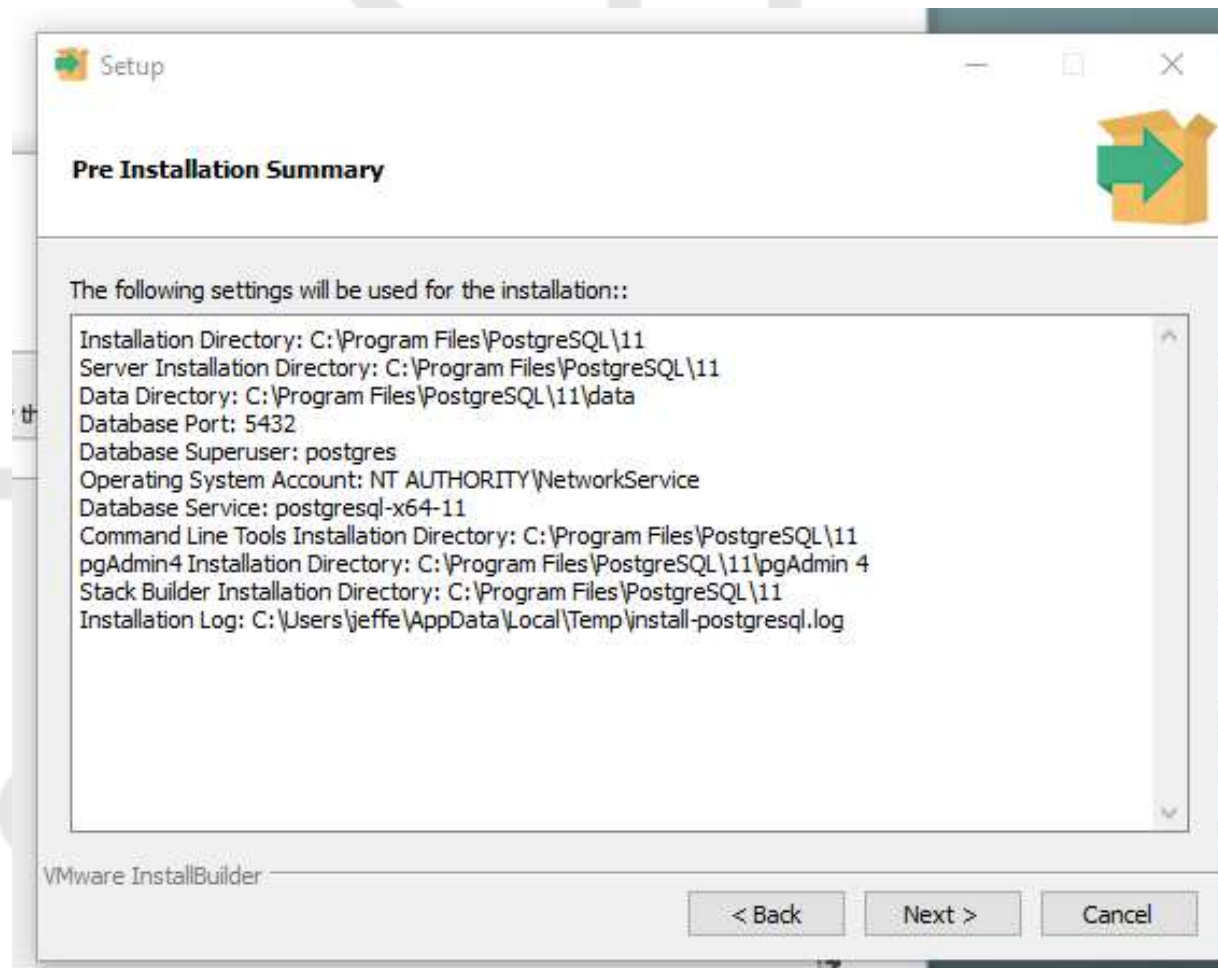
- SENHA: ads2023
- Computador pessoal pode utilizar qualquer senha, desde que ***lembre dela depois!***

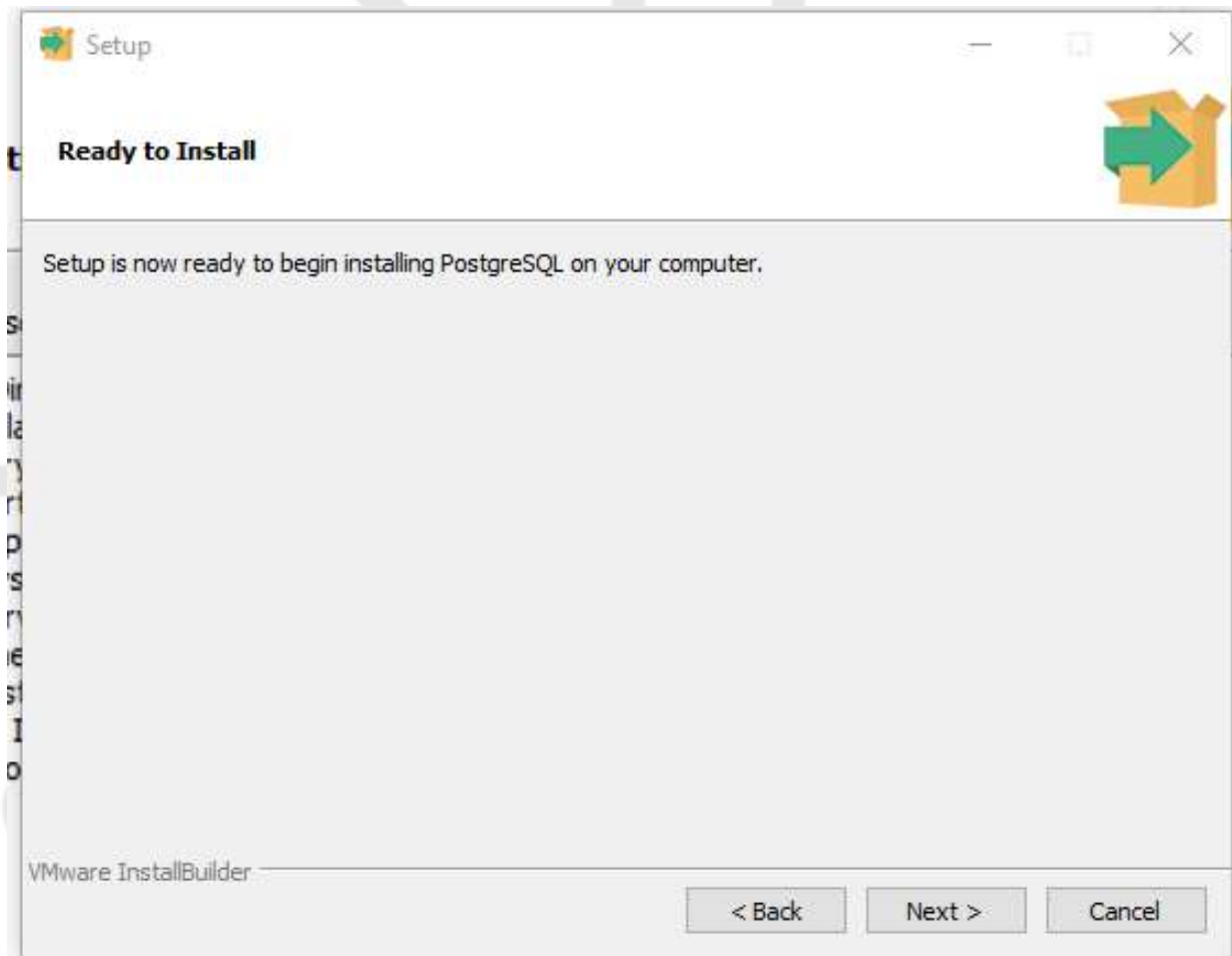


- PORTA: 5432
- Podem utilizar outra caso já tenha o PostgreSQL instalado no computador, mas é importante saber que esta versão está rodando em uma por diferente.



- O suporte de localidade refere-se a uma instalação que respeita as preferências culturais em relação a alfabetos, classificação, formatação de números, etc.





Setup

Installing

Please wait while Setup installs PostgreSQL on your computer.

Installing

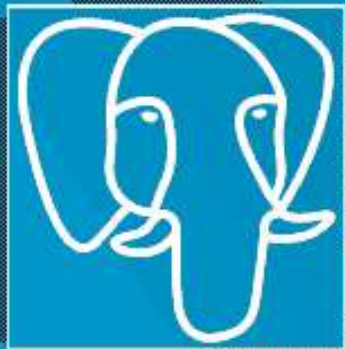
Unpacking C:\Program [...]\mt\resource\resources\v2016_02_01__init__.py





O utilitário Stack Builder fornece uma interface gráfica que simplifica o download e a instalação de módulos que complementam sua instalação do PostgreSQL. Quando você instala um módulo com o Stack Builder, o Stack Builder resolve quaisquer dependências de software.

Stack Builder 4.2.1



Welcome to Stack Builder!

This wizard will help you install additional software to complement your PostgreSQL or EnterpriseDB Postgres Plus installation.

To begin, please select the installation you are installing software for from the list below. Your computer must be connected to the Internet before proceeding.

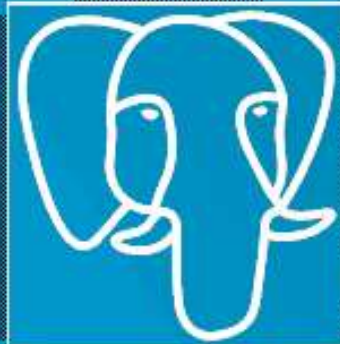
PostgreSQL 11 (x64) on port 5432 ▾

Proxy servers

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Next >

Cancel



Please select the applications you would like to install.

- [-] Categories
 - [-] Add-ons, tools and utilities
 - ☐ EDB Language Pack v1.1-1
 - ☒ pgAgent (64 bit) for PostgreSQL 11 v4.2.2-1
 - ☐ pgBouncer v1.18.0-1
 - [+] Database Drivers
 - [+] Database Server
 - [+] Registration-required and trial products
 - [+] Replication Solutions
 - [+] Spatial Extensions
 - [+] Web Development

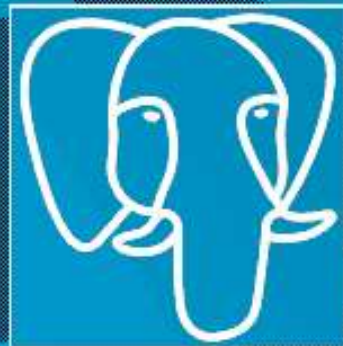
pgAgent is a job scheduling agent for PostgreSQL, capable of running multi-step batch/shell and SQL tasks on complex schedules. pgAgent can be managed using pgAdmin.

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Next >

Cancel

Stack Builder 4.2.1



Review your selections and choose a download directory if required, and then click the Next button to begin downloading the packages you have selected.

Selected packages:

pgAgent (64 bit) for PostgreSQL 11 v4.2.2-1

Download directory:

C:\Users\jeffe



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Next >

Cancel

Stack Builder 4.2.1



All the installation files have now been successfully downloaded.

Please click the "Next" button to start the installations.

Note: You must allow all installations to run to completion. If you are prompted to restart the computer, click "No" or "Restart Later" and manually restart your computer when all the installation have finished.

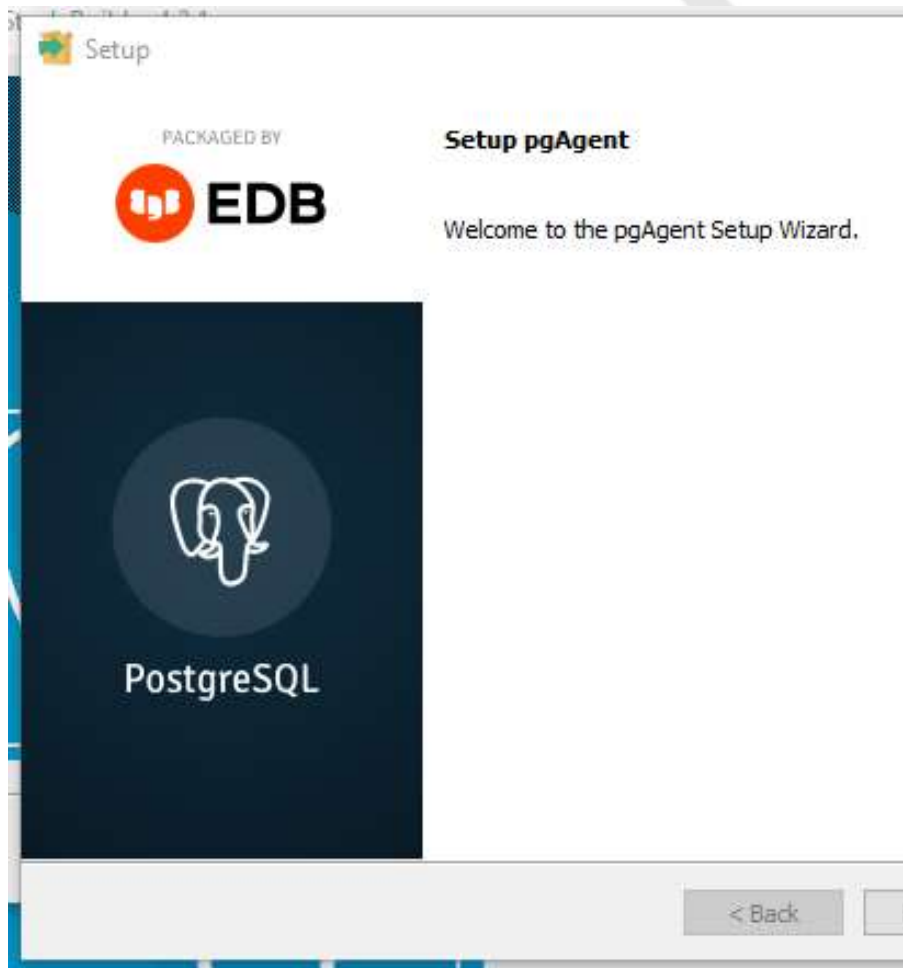


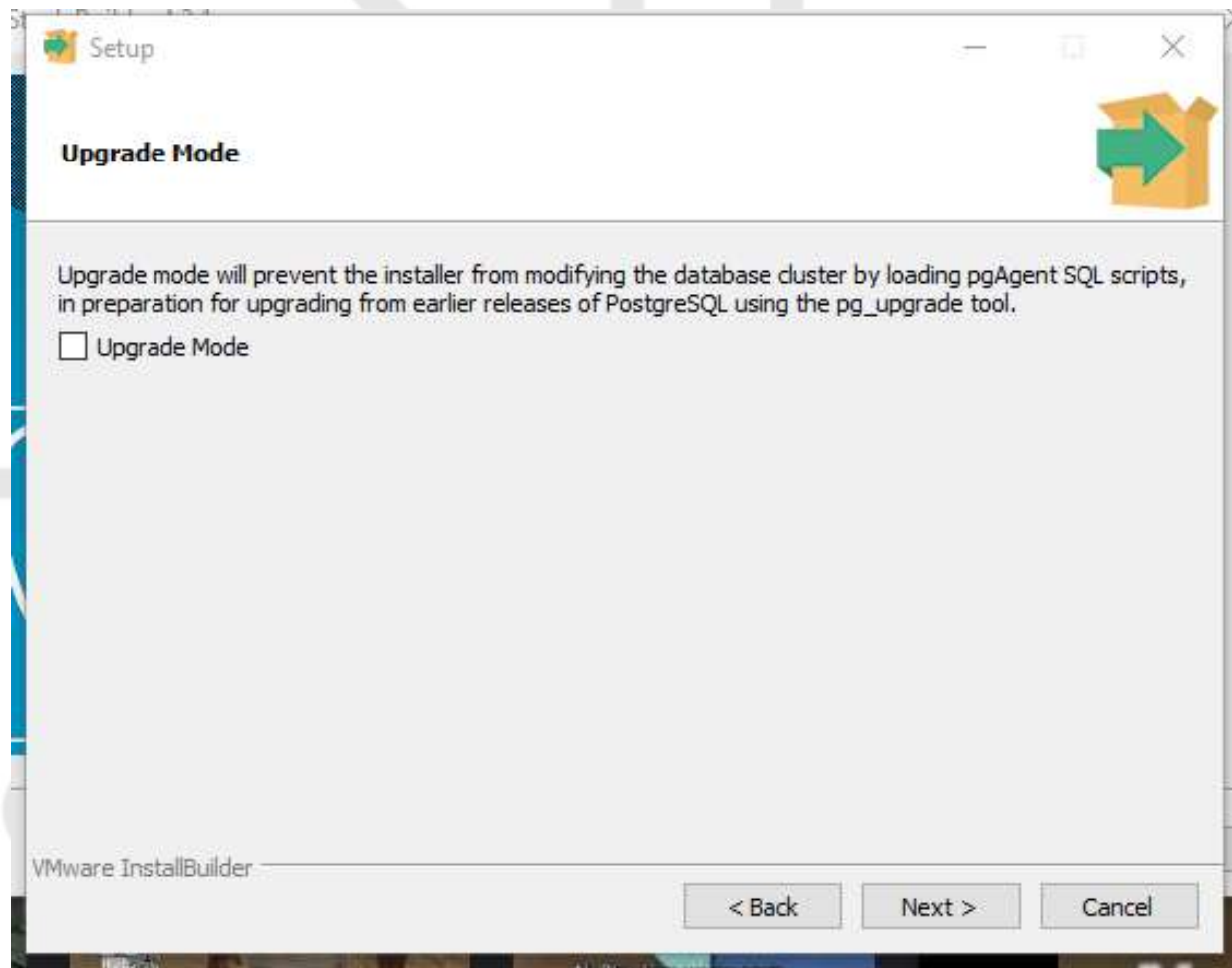
☐ Skip Installation

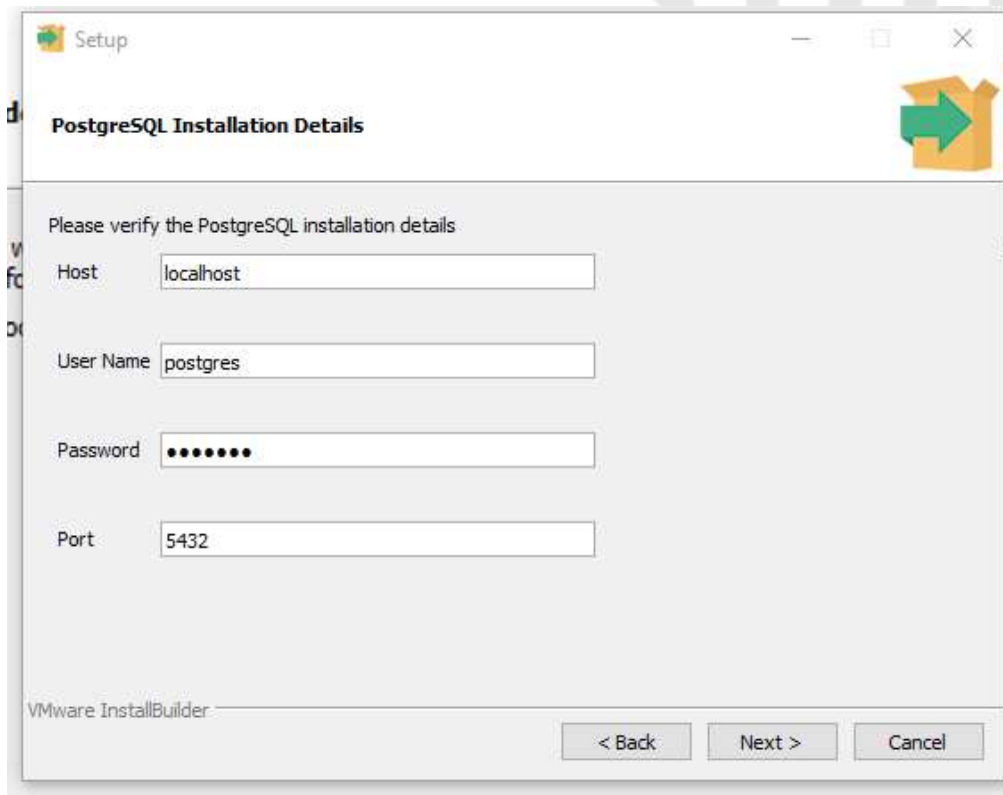
< Back

Next >

Cancel







Setup

PostgreSQL Installation Details

Please verify the PostgreSQL installation details

Host:

User Name:

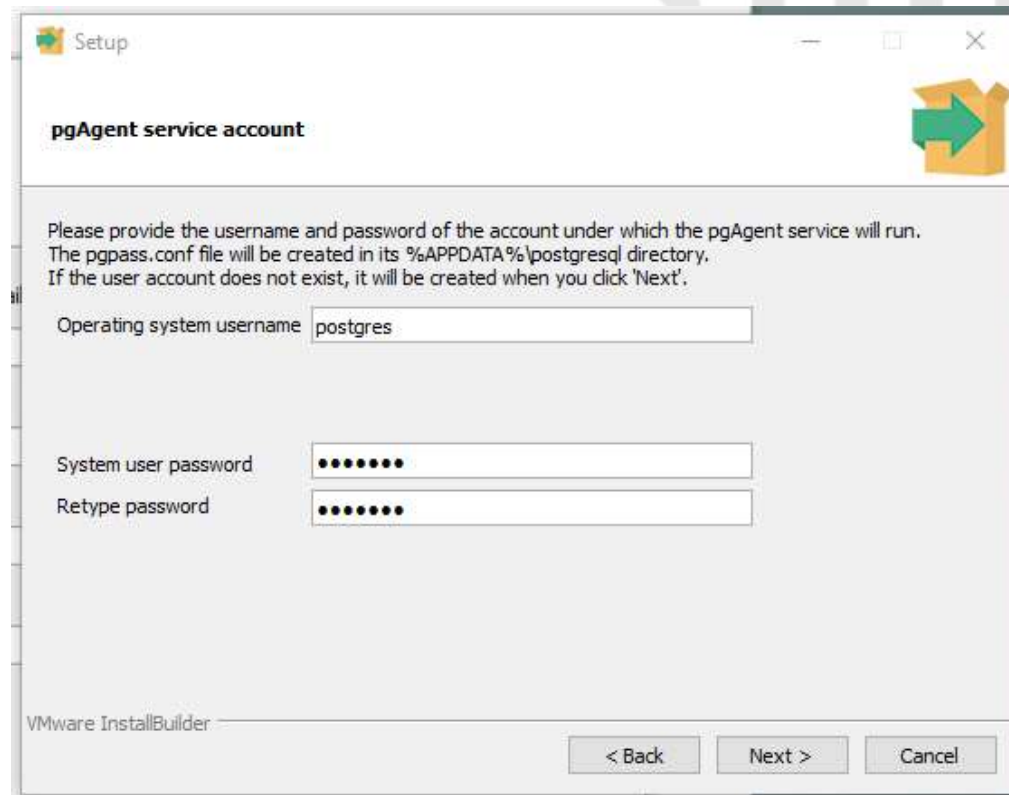
Password:

Port:

VMware InstallBuilder

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- Adicionem a senha criada na instalação e a porta caso tenha mudado durante a instalação.



Setup

pgAgent service account

Please provide the username and password of the account under which the pgAgent service will run. The pgpass.conf file will be created in its %APPDATA%\postgresql directory. If the user account does not exist, it will be created when you click 'Next'.

Operating system username

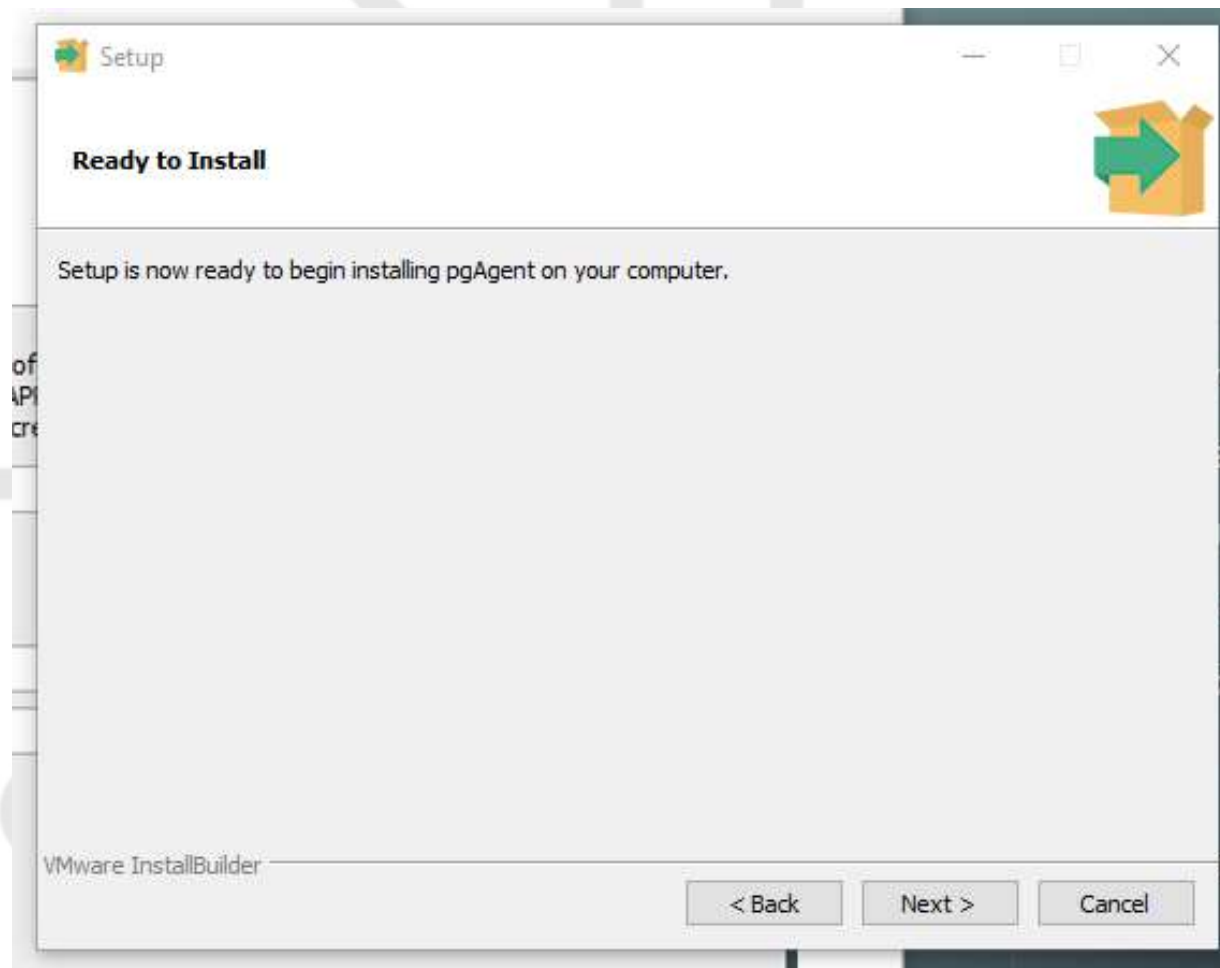
System user password

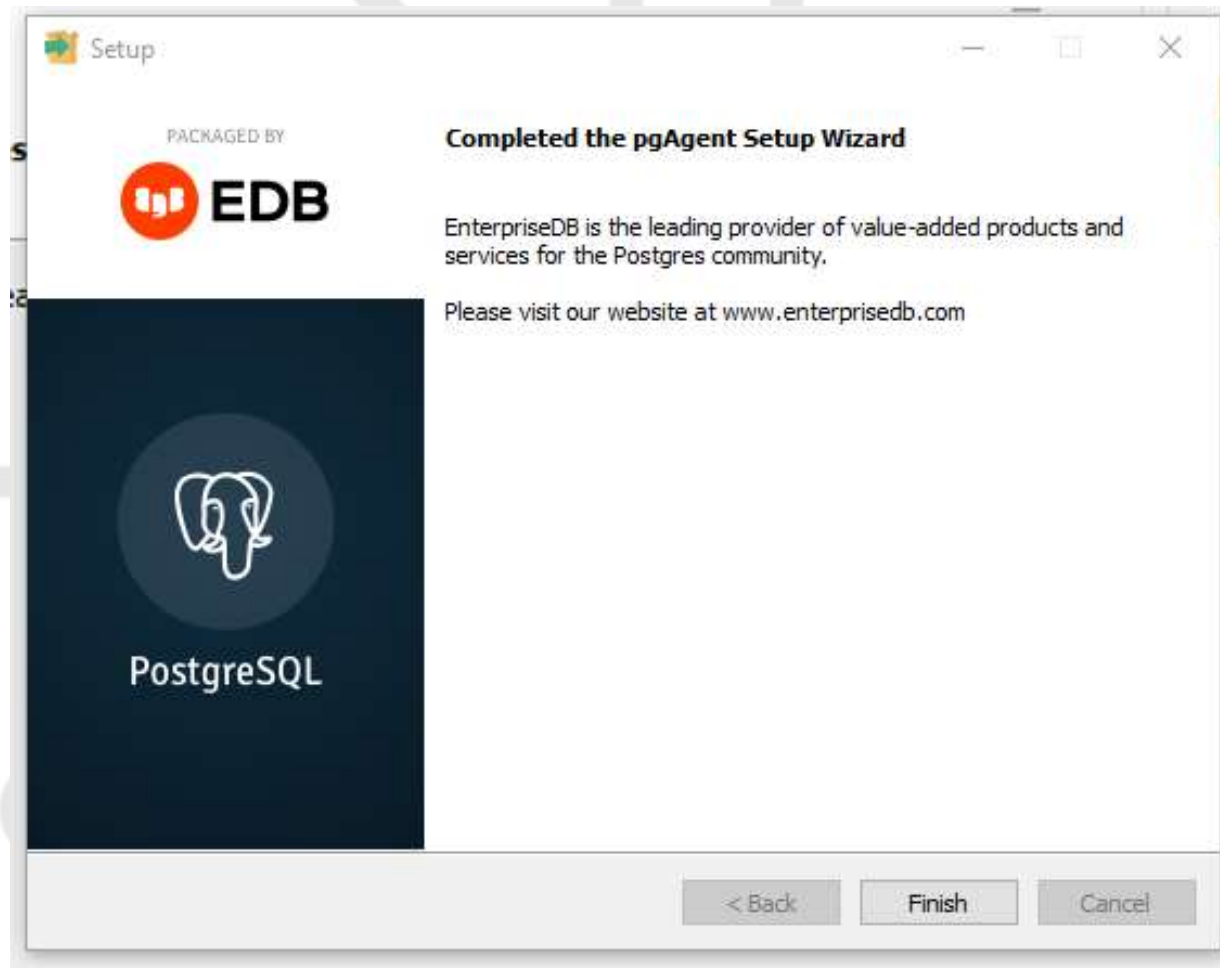
Retype password

VMware InstallBuilder

< Back Next > Cancel

- Aqui vamos criar nosso usuário de acesso ao banco de dados. Evitem modificar os dados daqui e utilizem uma senha segura.
- Senha para os computadores do curso: ads2023



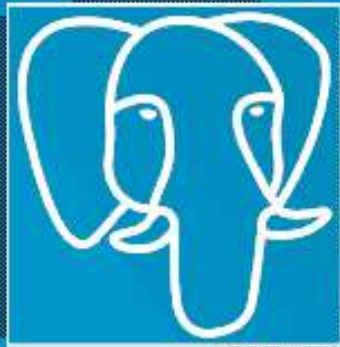


Stack Builder 4.2.1



Installation Completed

Installation of the packages you selected has finished. The downloaded files have been retained to allow future installations or upgrades (some packages require the original installation files when being upgraded).

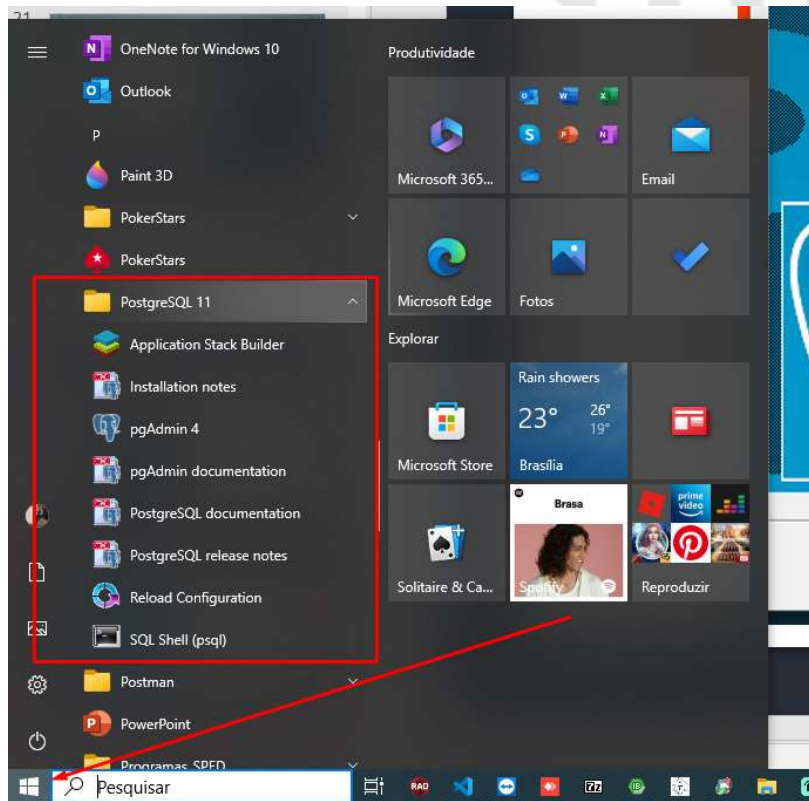


You may run this wizard again at any time to add to or upgrade the software in your stack. If you wish to remove any software, please use the Add/Remove Programs Control Panel applet.

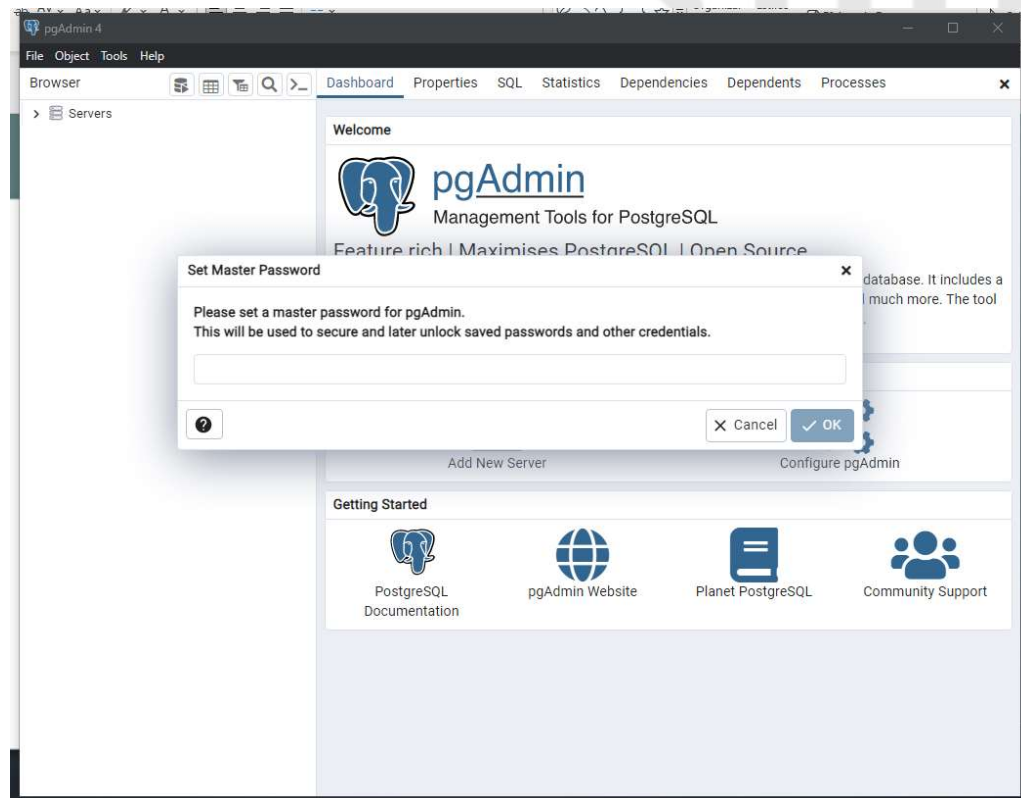
< Back

Finish

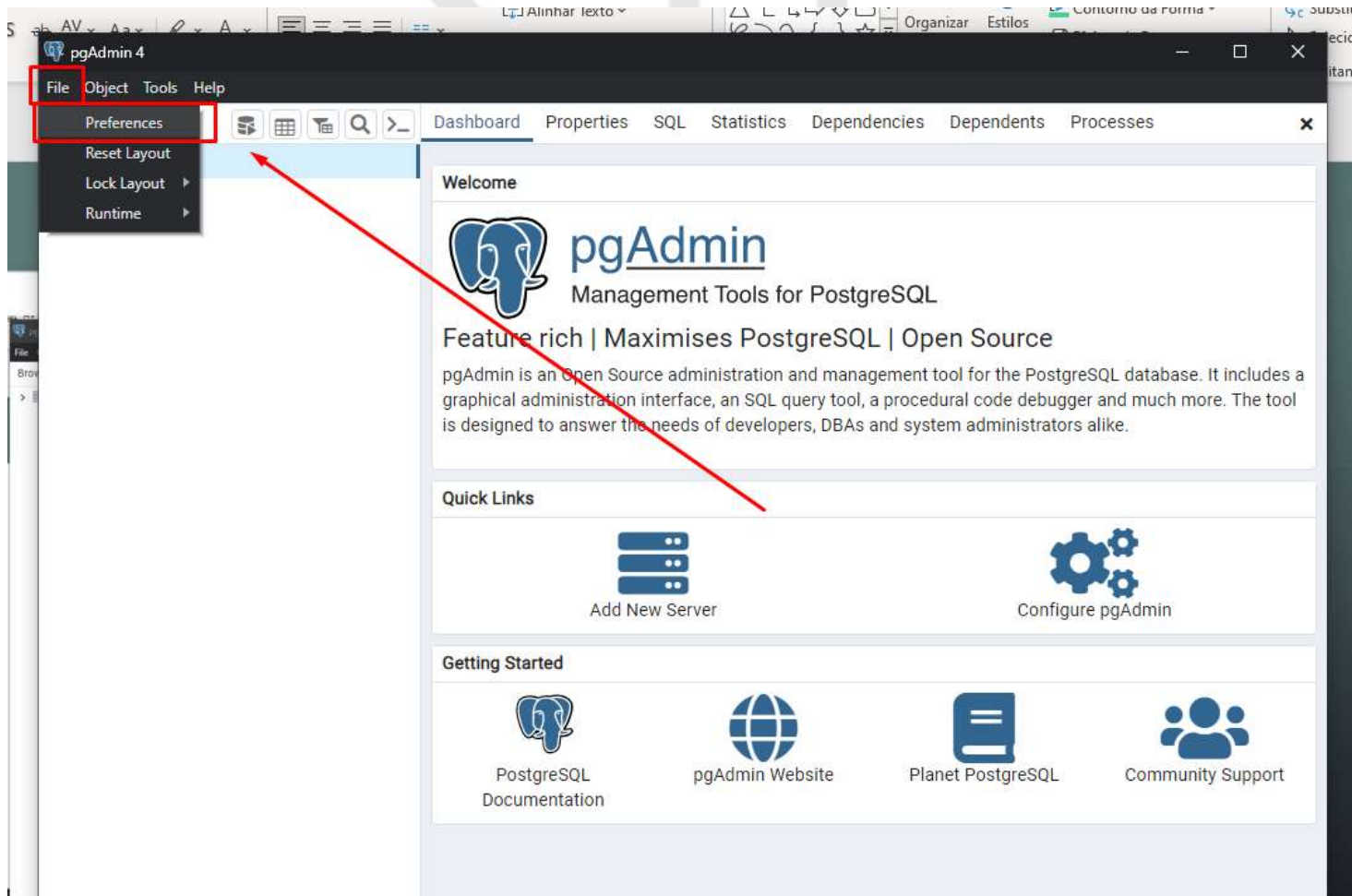
Cancel

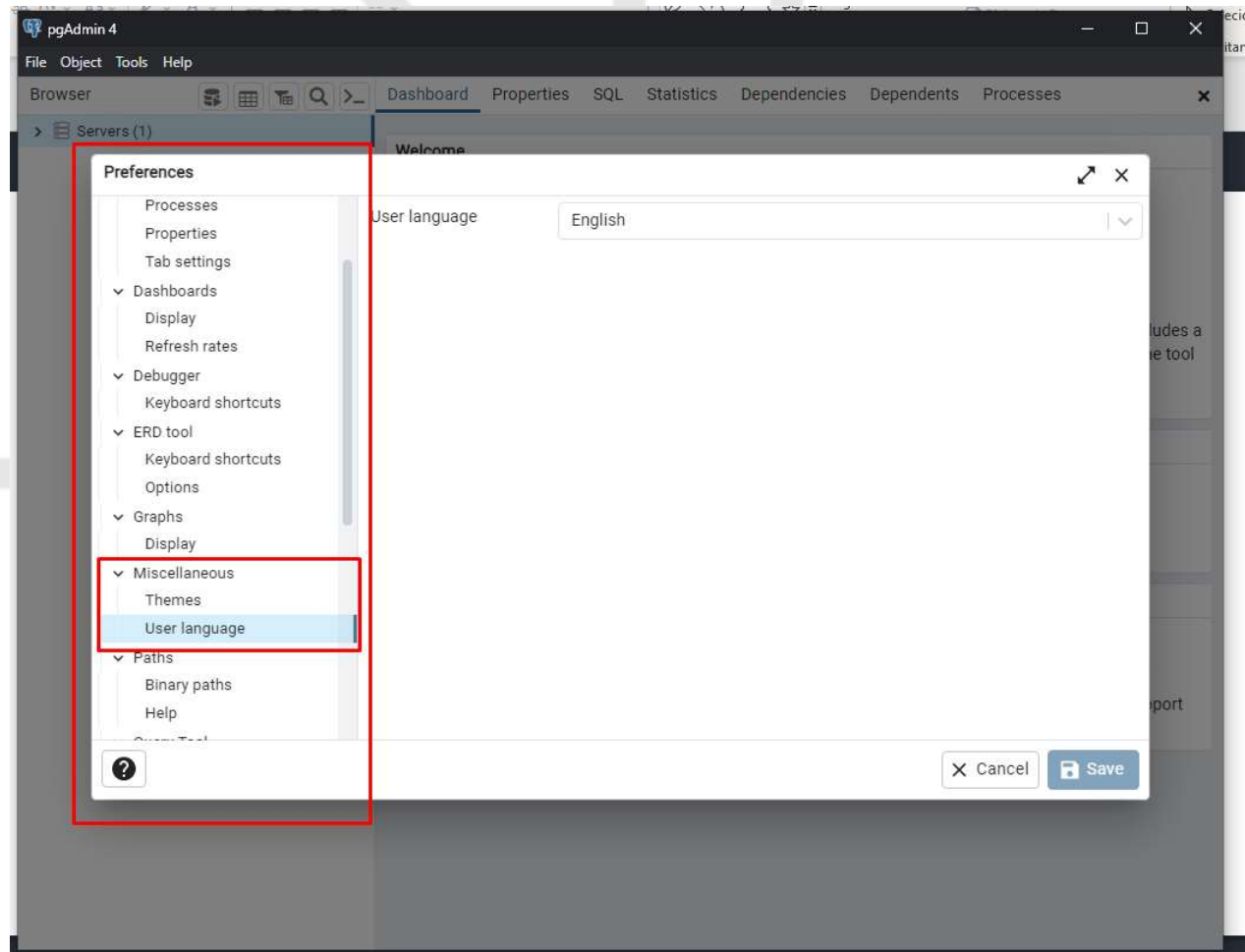


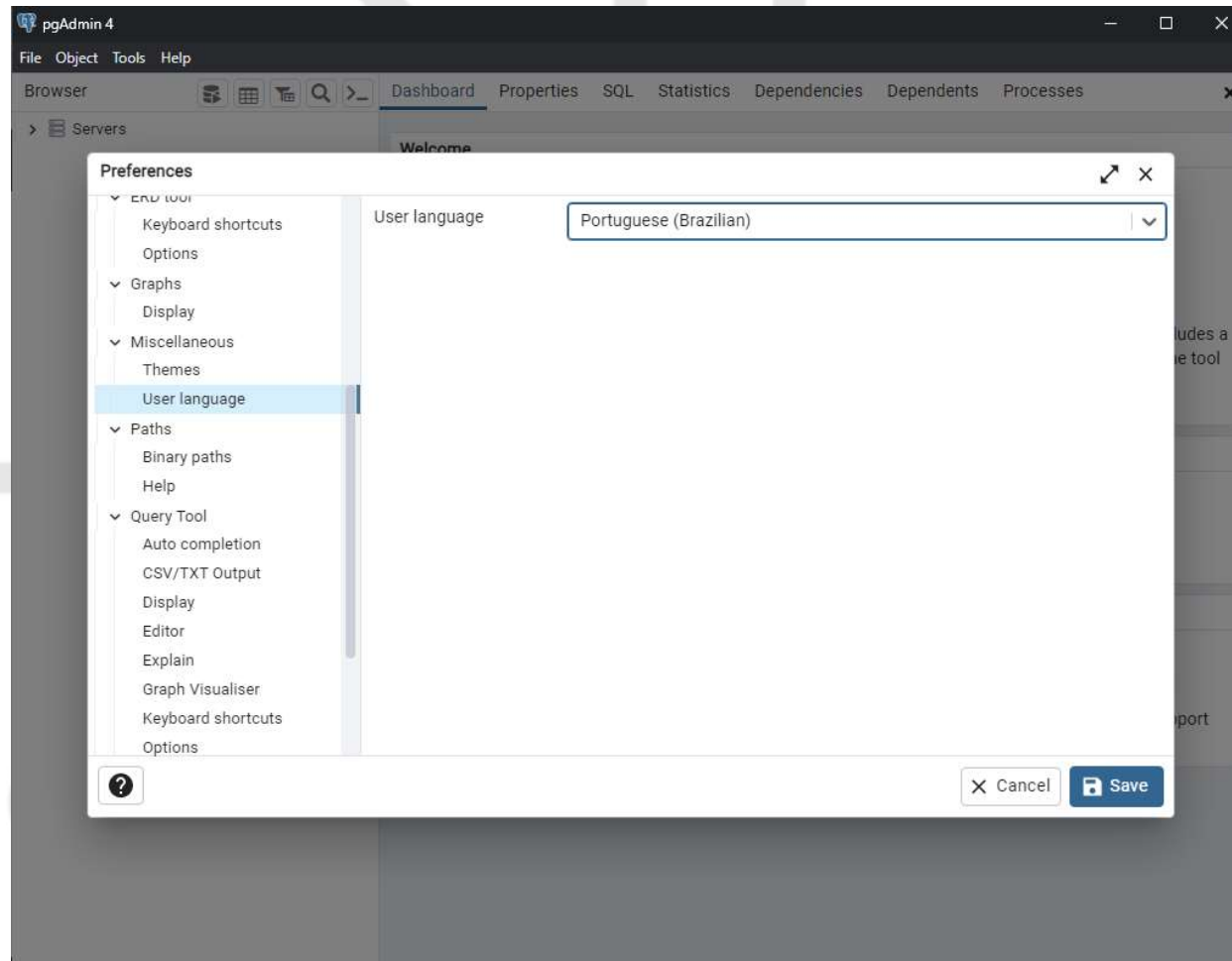
- Instalação finalizada.
- Acesso aos programas

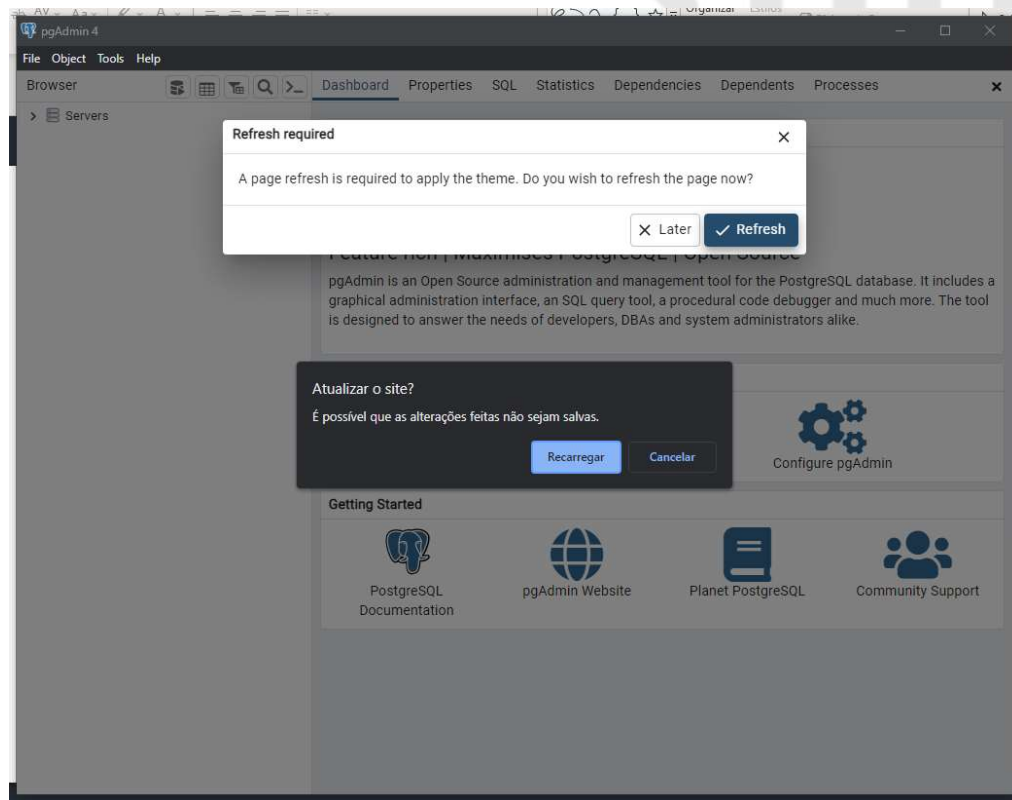


- Coloque a senha utilizada na instalação.
No nosso caso: ads2023.

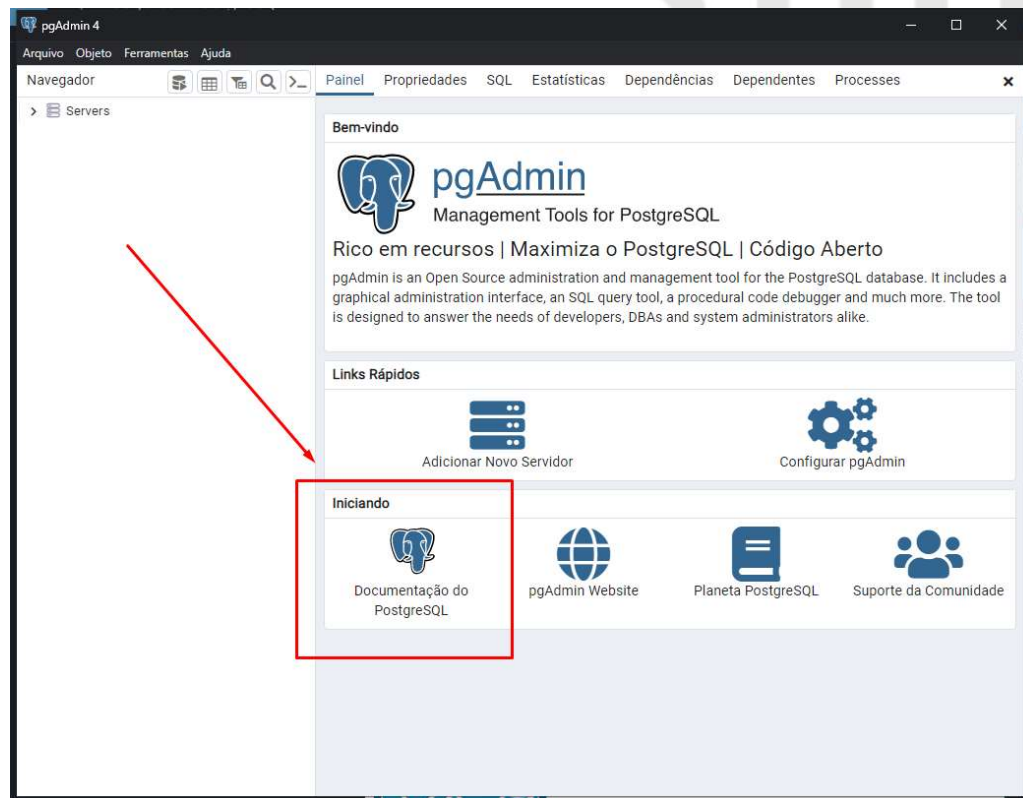




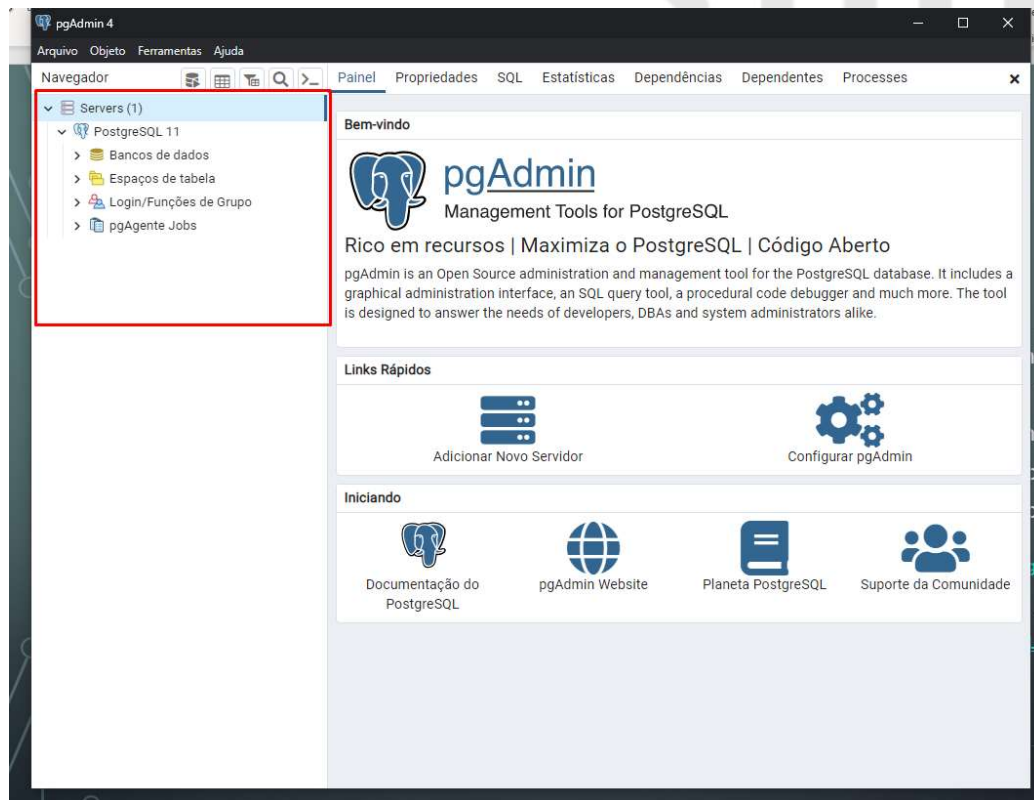




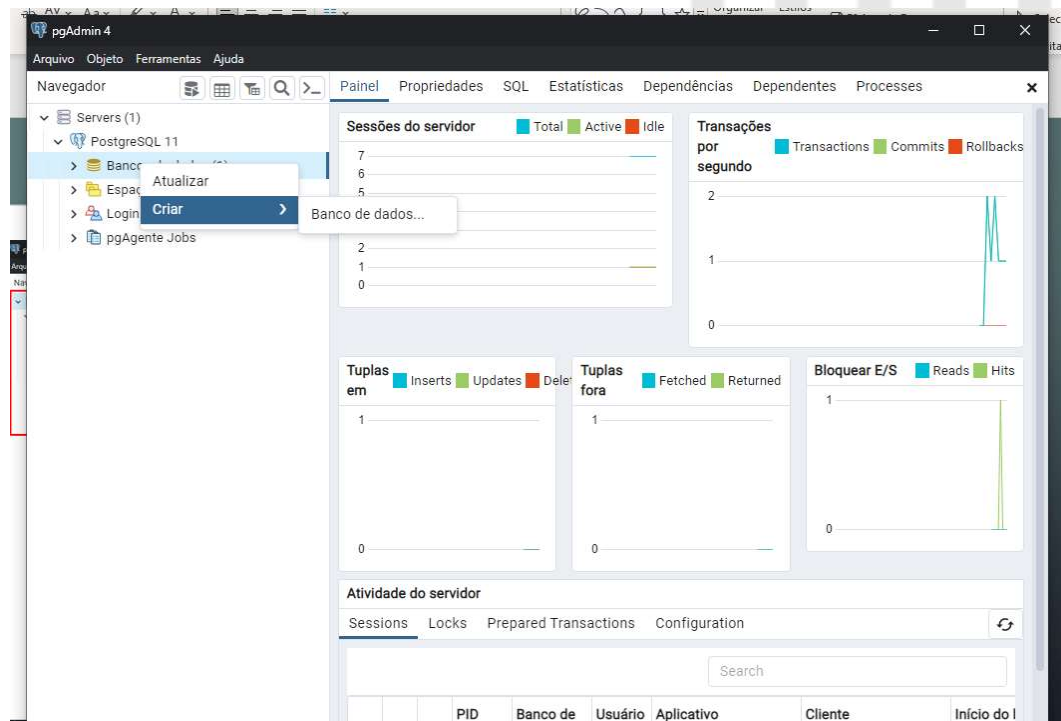
- Clique em “Refresh e Recarregar”



- Documentação será nosso material para estudo. Neste PDF iremos procurar a forma correta para manipular os dados no banco de dados
- Link: [PostgreSQL 15 Documentation](#)
- Versão 8.0 em pt-BR: [Documentação do PostgreSQL 8.0.0 \(sourceforge.io\)](#)



- Aqui temos nossa árvore de servidores PostgreSQL.
- Nossos bancos de dados
- Usuário de acesso ao banco
- E trabalhos automatizados



- Clicando com botão direito em cima de “Banco de Dados” vamos criar nosso banco de exemplo.

