

Módulo 2

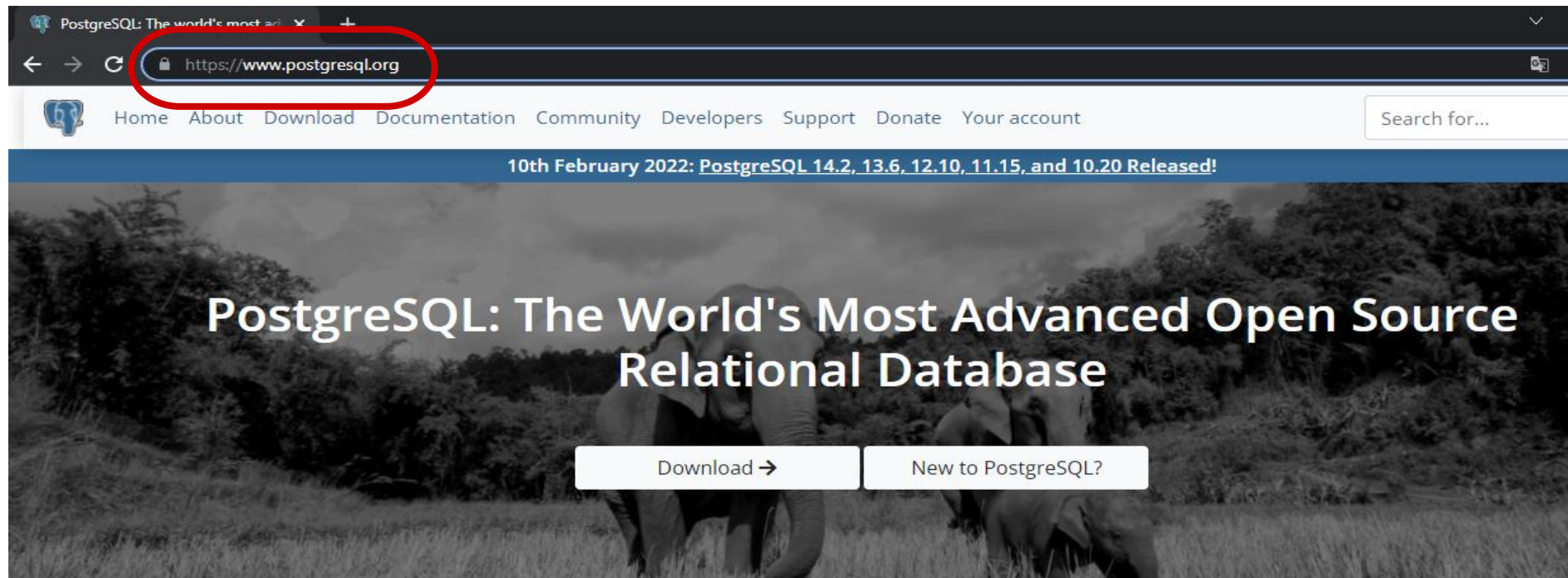
AULA 2



INSTALANDO FERRAMENTAS

Instalando o Banco de Dados

- www.postgresql.org



New to PostgreSQL?

PostgreSQL is a powerful, open source object-relational database
with many advanced features and built for reliability, flexibility and performance.

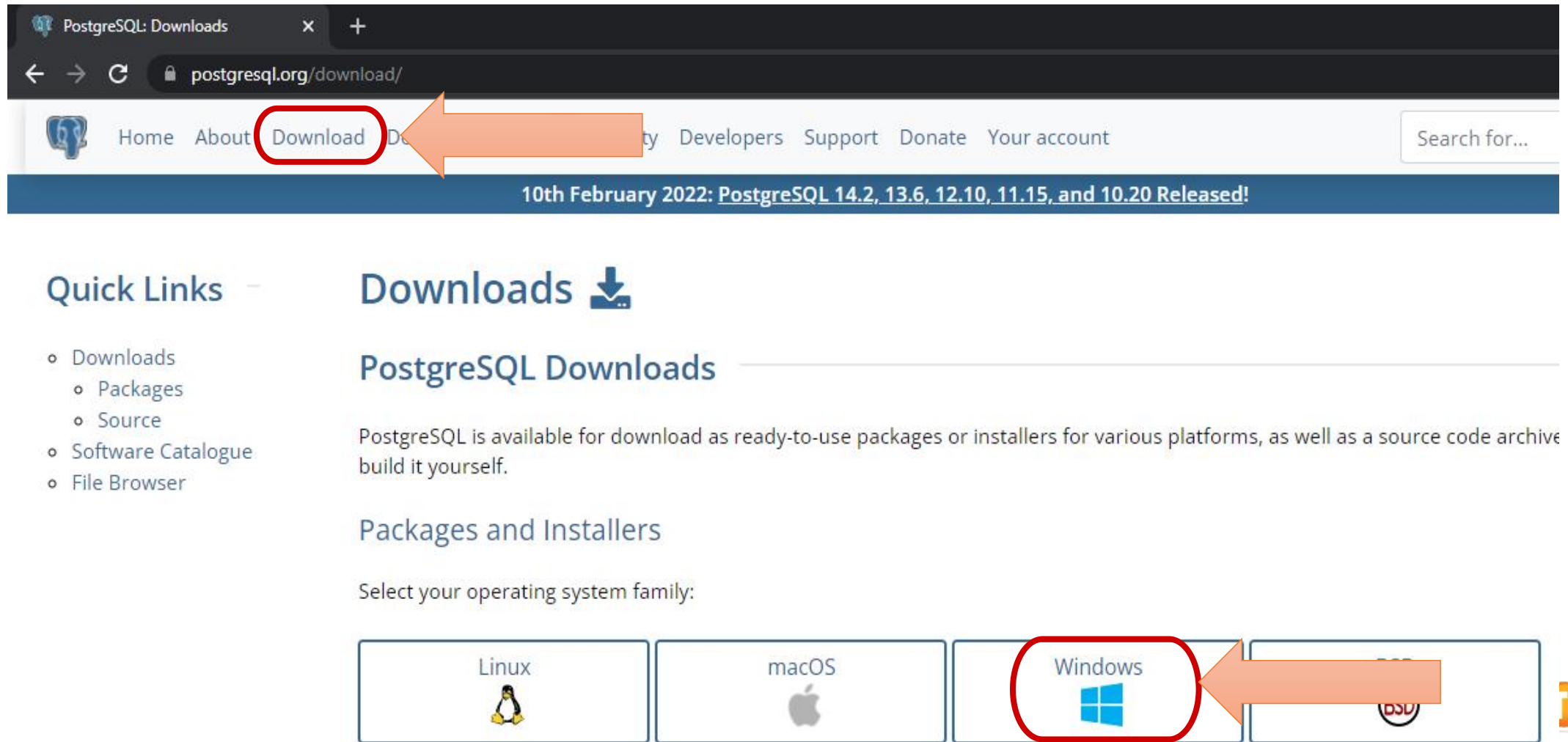


Latest Releases

2022-02-10 - PostgreSQL 14.2, 13.6, 12.10, 11.15, and 10.20 Released!

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Instalando o Banco de Dados



The screenshot shows the PostgreSQL Downloads page in a web browser. The browser's address bar displays `postgresql.org/download/`. The navigation menu includes links for Home, About, Download, Developers, Support, Donate, and Your account. The 'Download' link is circled in red, with a large orange arrow pointing to it from the right. Below the navigation bar, a blue banner announces the release of PostgreSQL 14.2, 13.6, 12.10, 11.15, and 10.20 on February 10th, 2022. The main content area is divided into two sections: 'Quick Links' on the left and 'Downloads' on the right. The 'Quick Links' section contains a list of links: Downloads, Packages, Source, Software Catalogue, and File Browser. The 'Downloads' section features a download icon, the title 'PostgreSQL Downloads', and a paragraph stating that PostgreSQL is available for download as ready-to-use packages or installers for various platforms, as well as a source code archive. Below this, the 'Packages and Installers' section prompts the user to 'Select your operating system family:'. Four buttons are displayed: Linux (with a penguin icon), macOS (with an Apple icon), Windows (with a Windows icon), and BSD (with a BSD icon). The 'Windows' button is circled in red, with a large orange arrow pointing to it from the right. A small 'ACCION' logo is visible in the bottom left corner of the image.

PostgreSQL: Downloads

postgresql.org/download/

Home About **Download** Developers Support Donate Your account

Search for...

10th February 2022: [PostgreSQL 14.2, 13.6, 12.10, 11.15, and 10.20 Released!](#)

Quick Links

- Downloads
 - Packages
 - Source
- Software Catalogue
- File Browser

Downloads

PostgreSQL Downloads

PostgreSQL is available for download as ready-to-use packages or installers for various platforms, as well as a source code archive build it yourself.

Packages and Installers

Select your operating system family:

Linux

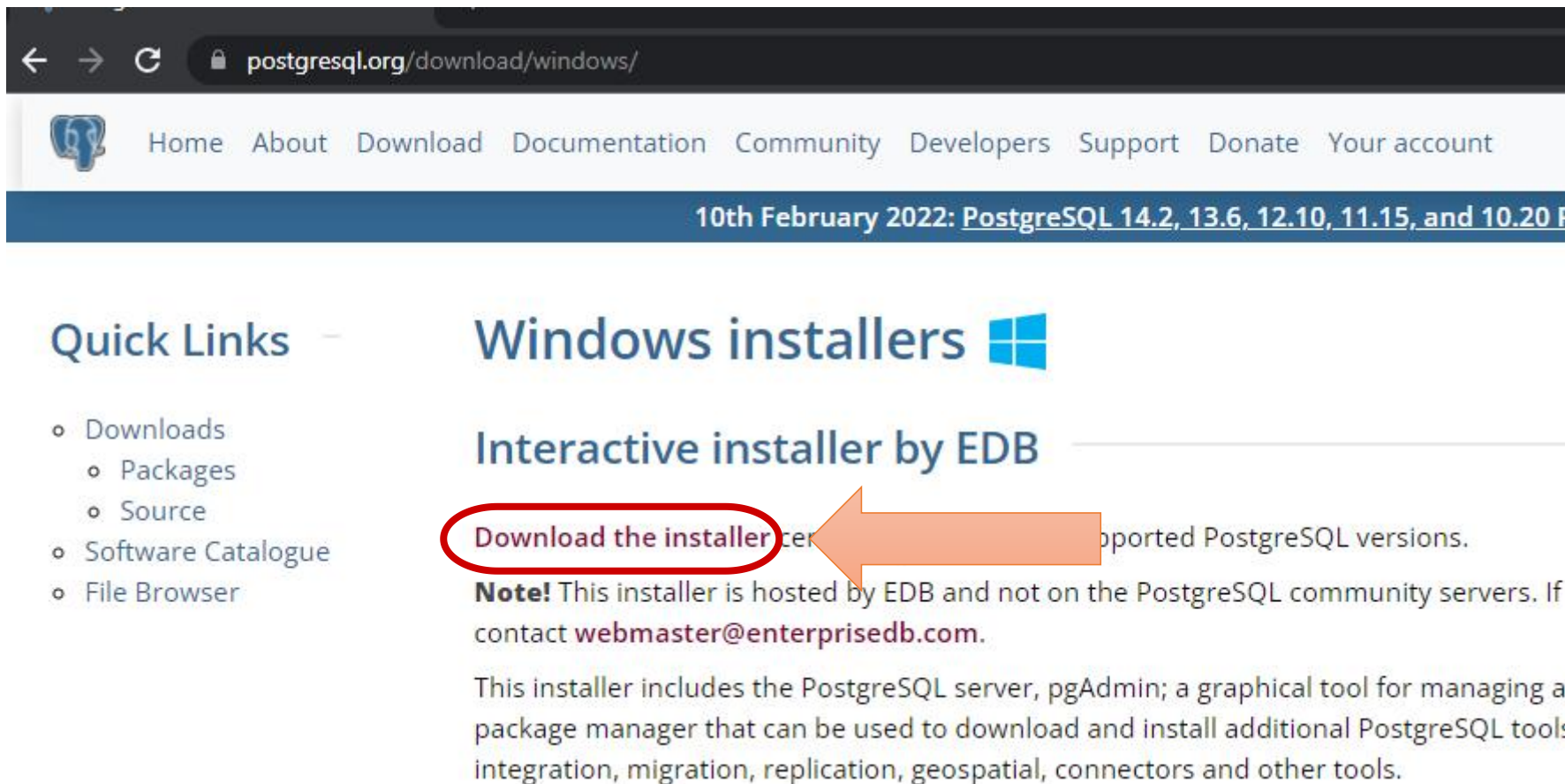
macOS

Windows

BSD

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Instalando o Banco de Dados



The screenshot shows the PostgreSQL website's download page for Windows. The browser's address bar displays 'postgresql.org/download/windows/'. The navigation menu includes links for Home, About, Download, Documentation, Community, Developers, Support, Donate, and Your account. A blue banner at the top of the main content area reads '10th February 2022: PostgreSQL 14.2, 13.6, 12.10, 11.15, and 10.20'. Under the 'Quick Links' section, there is a list of links: Downloads, Packages, Source, Software Catalogue, and File Browser. The 'Windows installers' section features a Windows logo and a sub-section 'Interactive installer by EDB'. Within this sub-section, the link 'Download the installer' is circled in red, and a large orange arrow points to it from the right. Below this link, a note states: 'Note! This installer is hosted by EDB and not on the PostgreSQL community servers. If contact webmaster@enterprisedb.com.' The final paragraph describes the installer's contents: 'This installer includes the PostgreSQL server, pgAdmin; a graphical tool for managing a package manager that can be used to download and install additional PostgreSQL tools: integration, migration, replication, geospatial, connectors and other tools.'

postgresql.org/download/windows/

Home About Download Documentation Community Developers Support Donate Your account

10th February 2022: PostgreSQL 14.2, 13.6, 12.10, 11.15, and 10.20

Quick Links

- Downloads
 - Packages
 - Source
- Software Catalogue
- File Browser

Windows installers

Interactive installer by EDB

Download the installer for supported PostgreSQL versions.

Note! This installer is hosted by EDB and not on the PostgreSQL community servers. If contact webmaster@enterprisedb.com.

This installer includes the PostgreSQL server, pgAdmin; a graphical tool for managing a package manager that can be used to download and install additional PostgreSQL tools: integration, migration, replication, geospatial, connectors and other tools.

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Instalando o Banco de Dados

← → ↻ enterprisedb.com/downloads/postgres-postgresql-downloads

EDB Webinar Series: Oracle Migration • Sept 13, 20 & 27 • Register Now

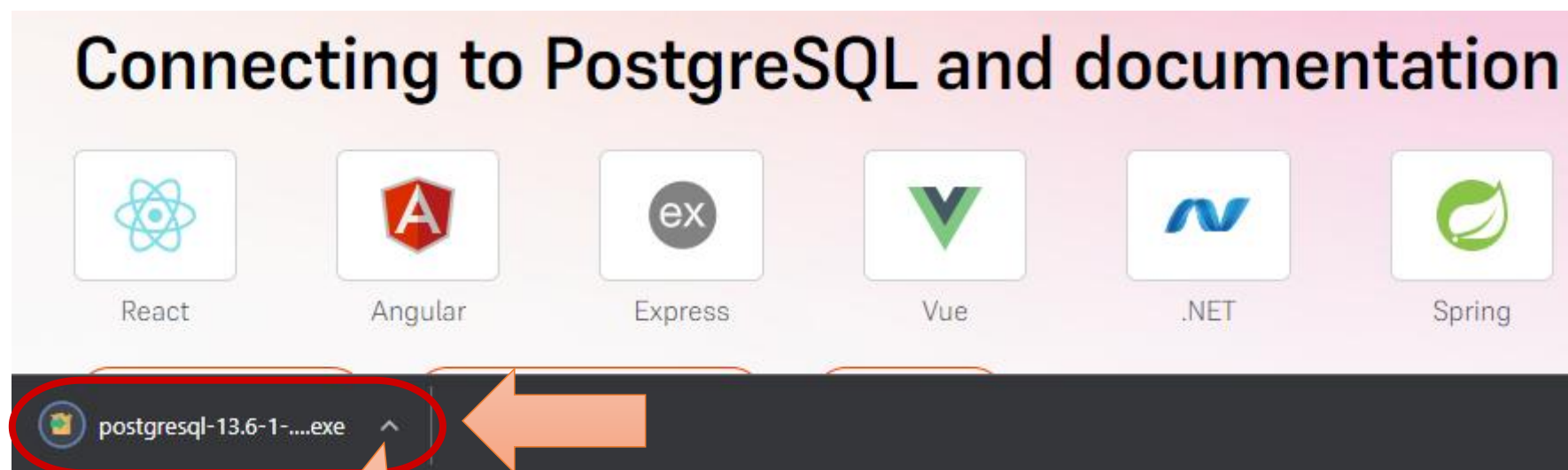
Contact us Careers Docs Sign in

Why EDB? ▾ Cloud PostgreSQL ▾ Postgres Software ▾ Services & Support ▾ Resources ▾ Plans **Get started**

PostgreSQL Version	Linux x86-64	Linux x86-32	Mac OS X	Windows x86-64	Windows x86-32
14.5	postgresql.org	postgresql.org			Not supported
13.8	postgresql.org	postgresql.org			Not supported
12.12	postgresql.org	postgresql.org			Not supported
11.17	postgresql.org	postgresql.org			Not supported
10.22					
9.6.24*					
9.5.25*					

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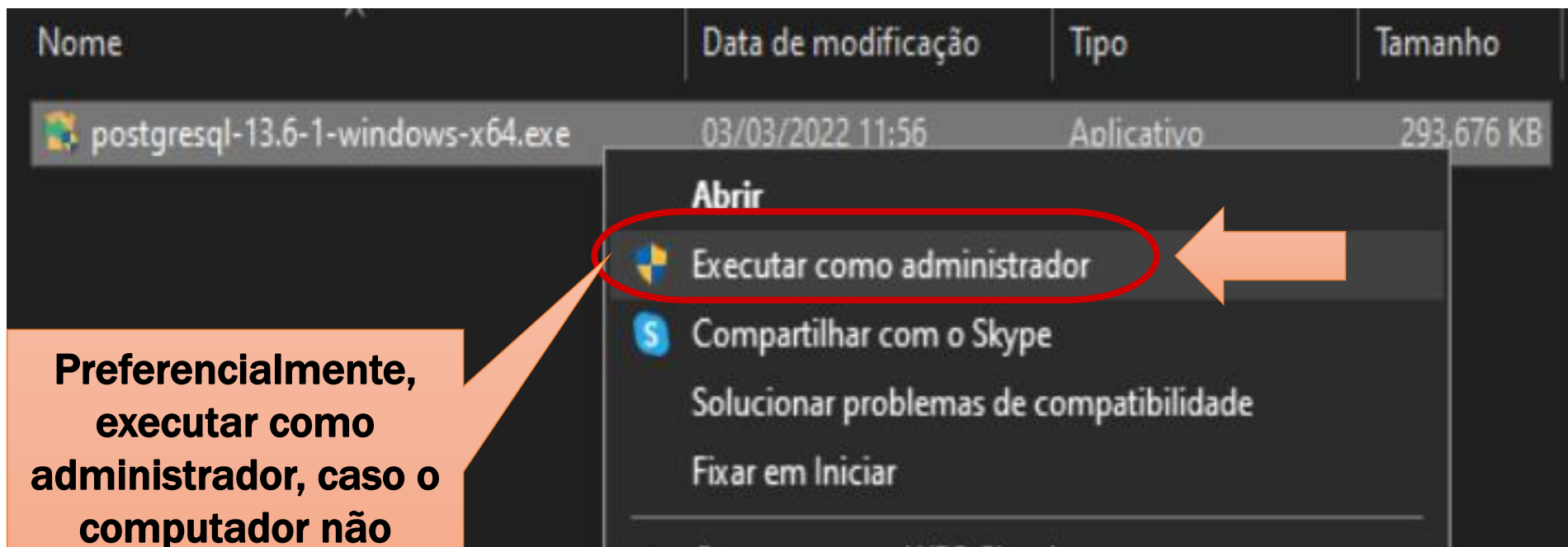
Instalando o Banco de Dados



Clique na seta e vá na opção Mostrar na Pasta.

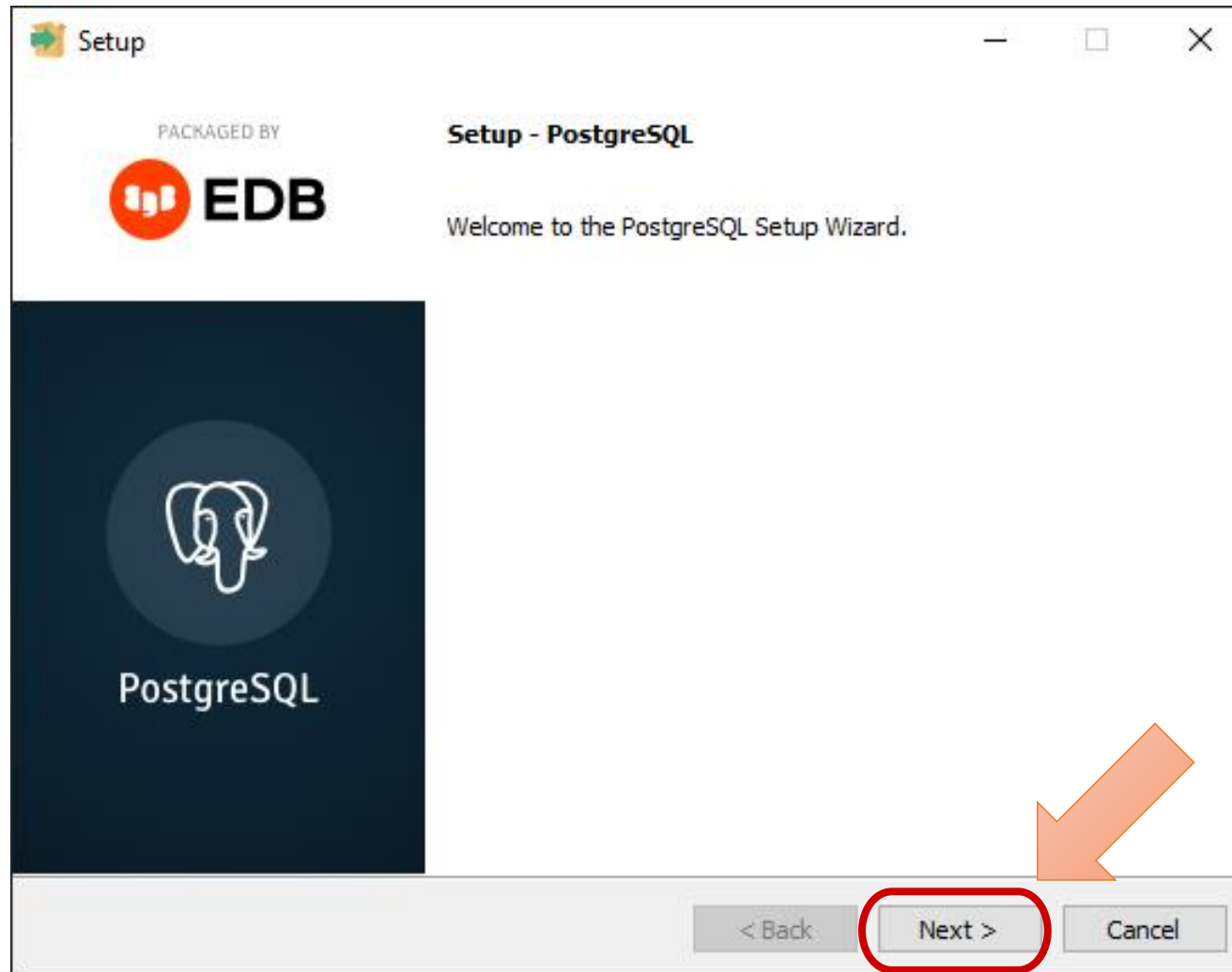
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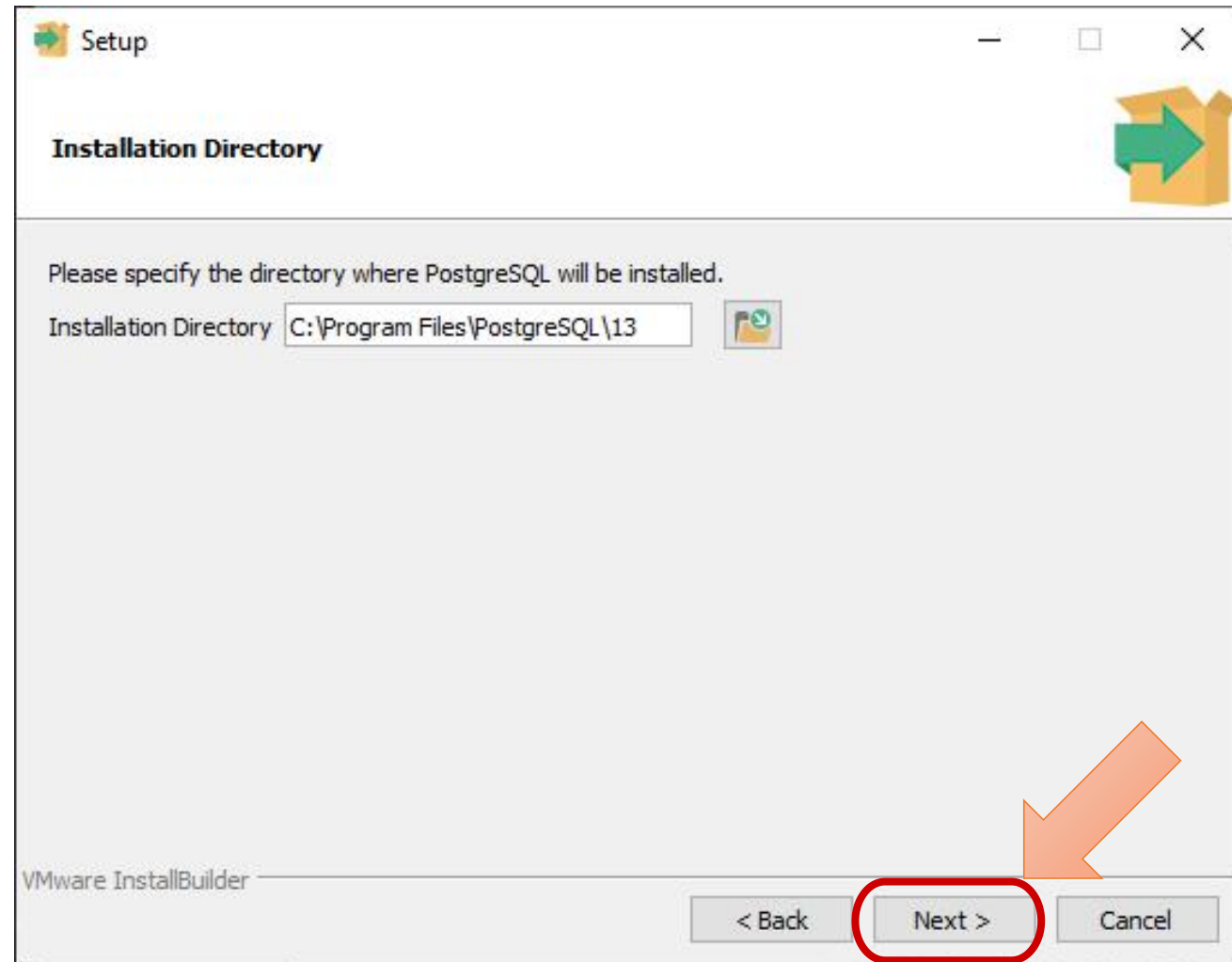
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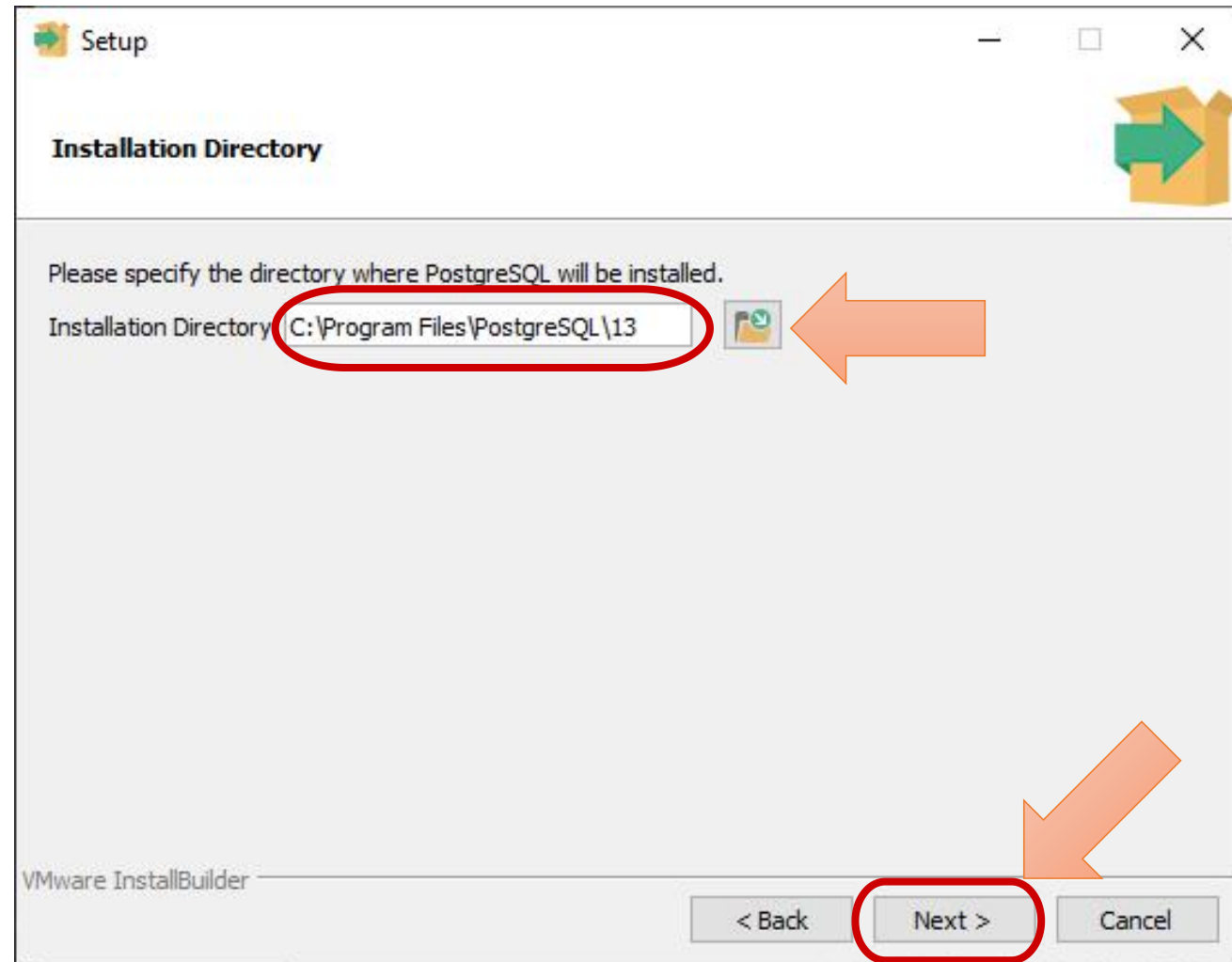
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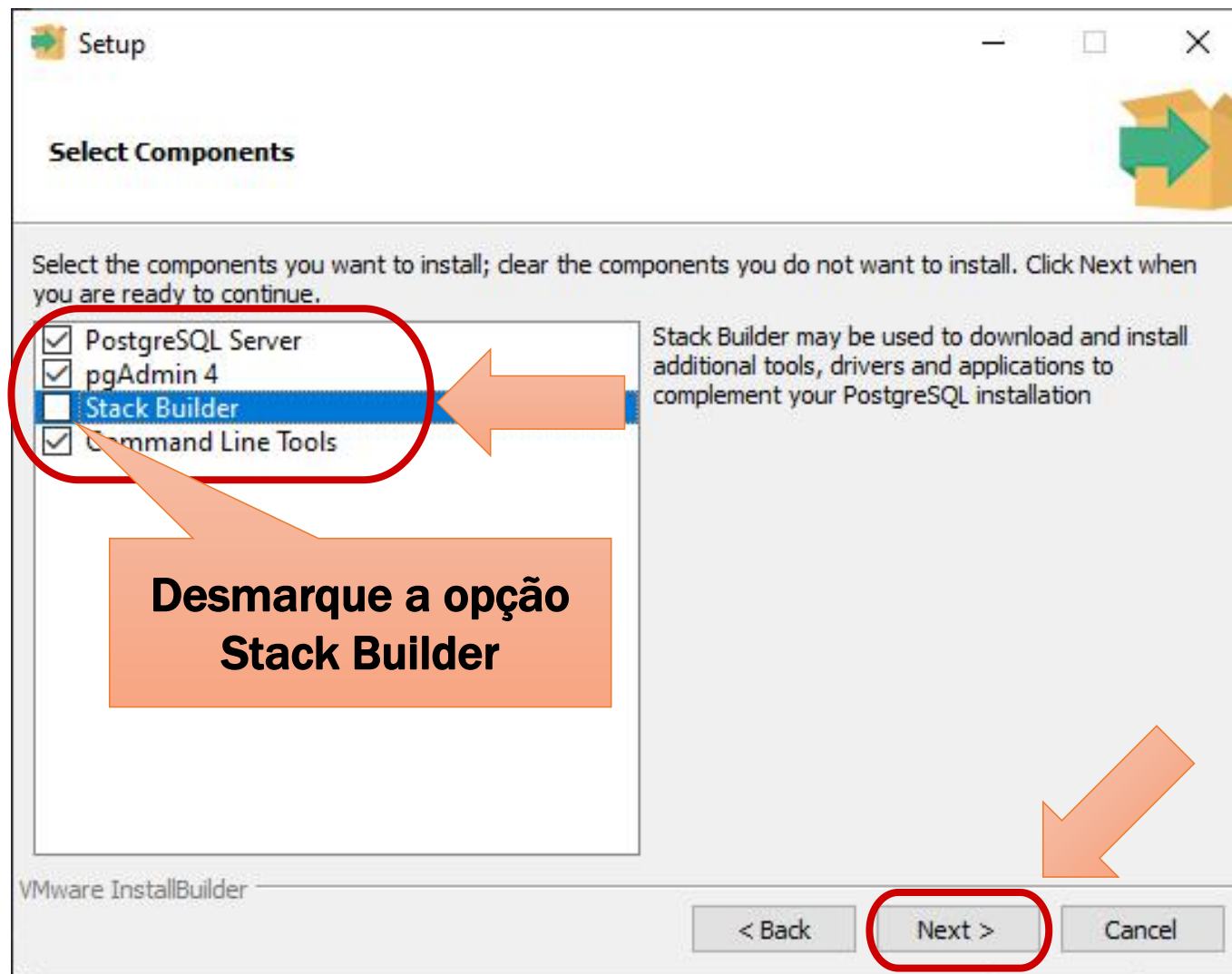
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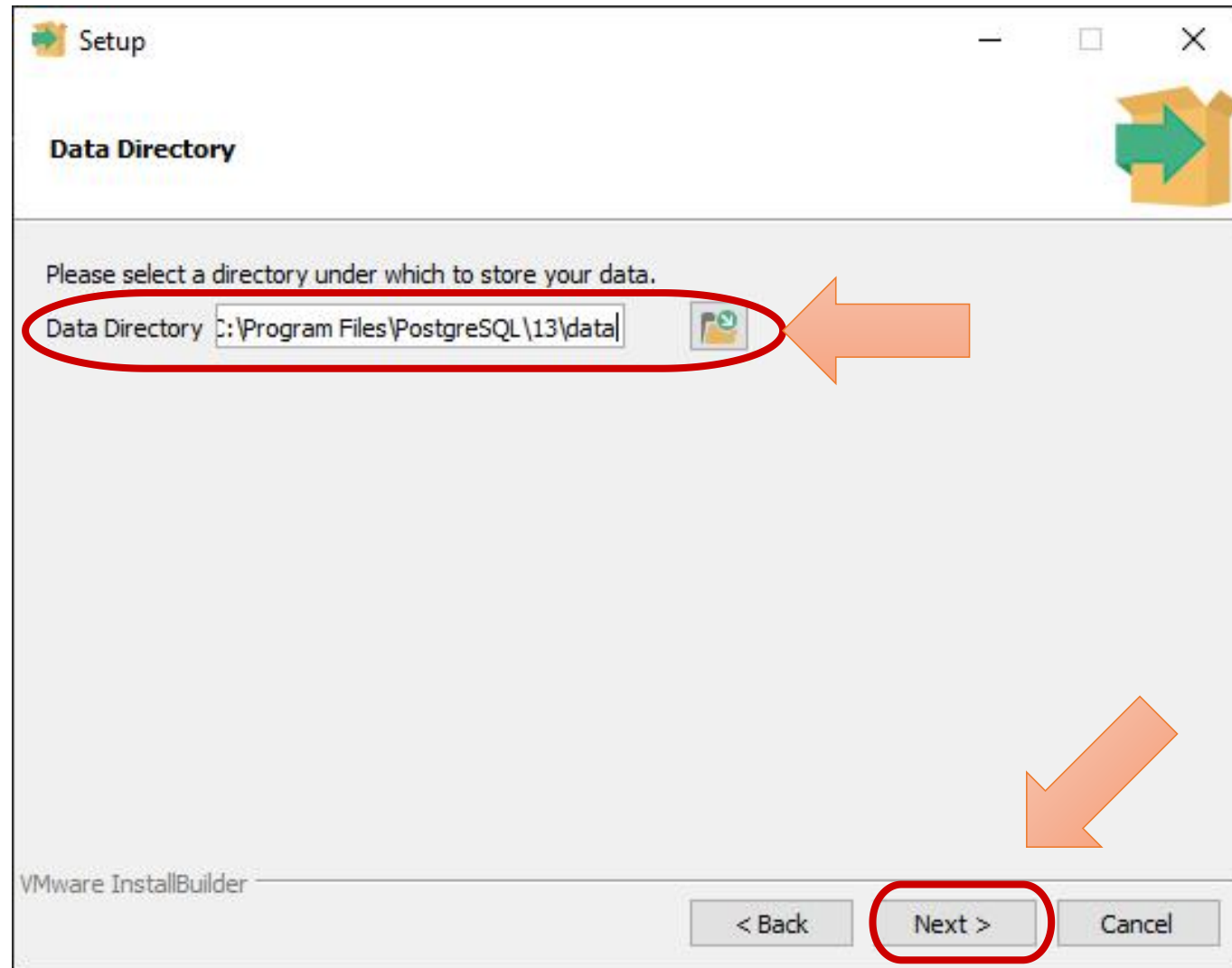
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Instalando o Banco de Dados



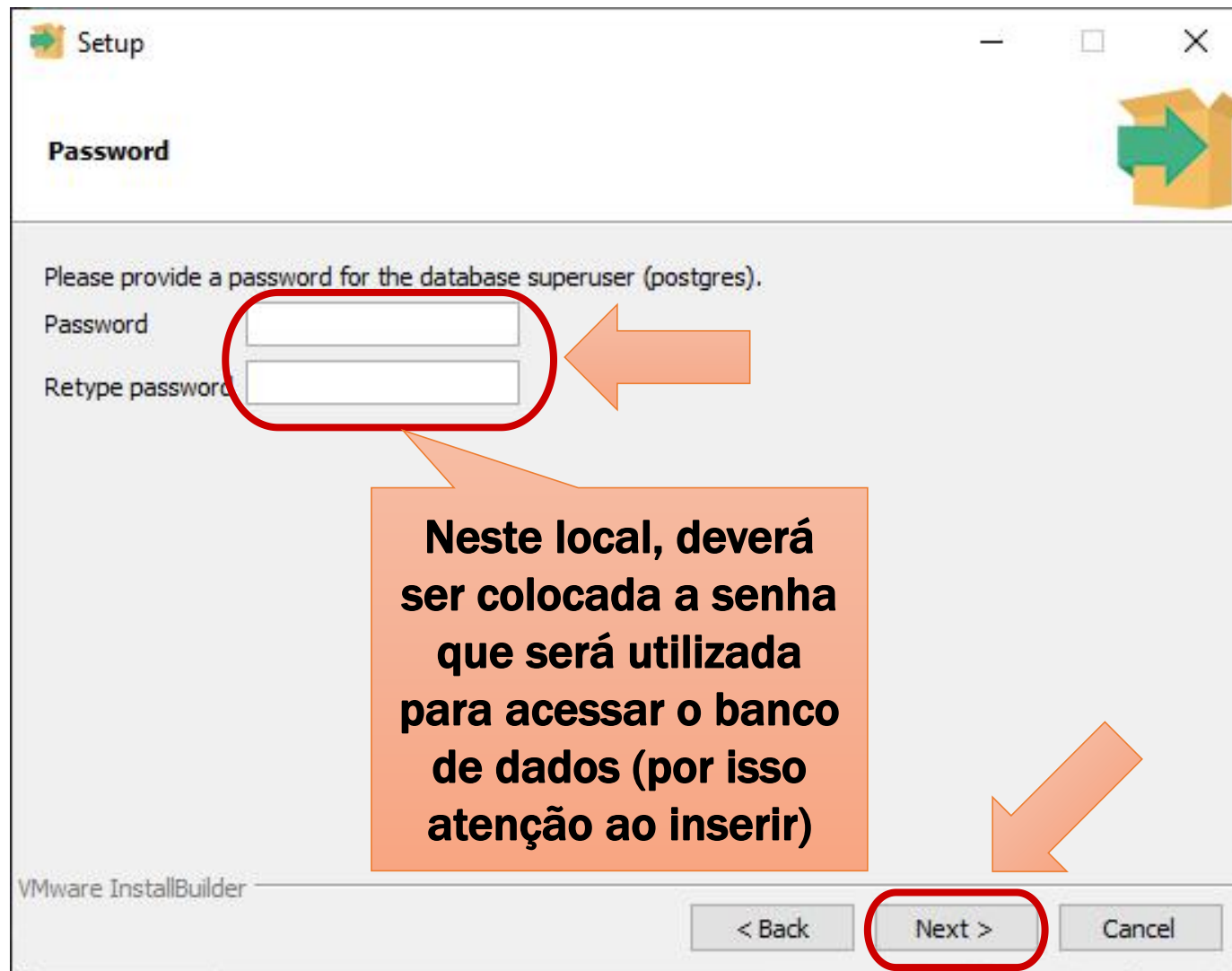
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Instalando o Banco de Dados



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Instalando o Banco de Dados



The screenshot shows a 'Setup' window titled 'Password' with a yellow box icon and a green arrow. The text inside reads: 'Please provide a password for the database superuser (postgres).' Below this are two input fields labeled 'Password' and 'Retype password'. Both fields are circled in red, and a large orange arrow points from a text box to them. The text box contains the instruction: 'Neste local, deverá ser colocada a senha que será utilizada para acessar o banco de dados (por isso atenção ao inserir)'. At the bottom right, the 'Next >' button is circled in red, with another large orange arrow pointing to it. The bottom left corner of the window shows 'VMware InstallBuilder'.

Setup

Password

Please provide a password for the database superuser (postgres).

Password

Retype password

Neste local, deverá ser colocada a senha que será utilizada para acessar o banco de dados (por isso atenção ao inserir)

VMware InstallBuilder

< Back Next > Cancel

INSTALANDO FERRAMENTAS

Instalando o Banco de Dados

Setup

Password

Please provide a password for the database superuser (postgres).

Password

Retype password

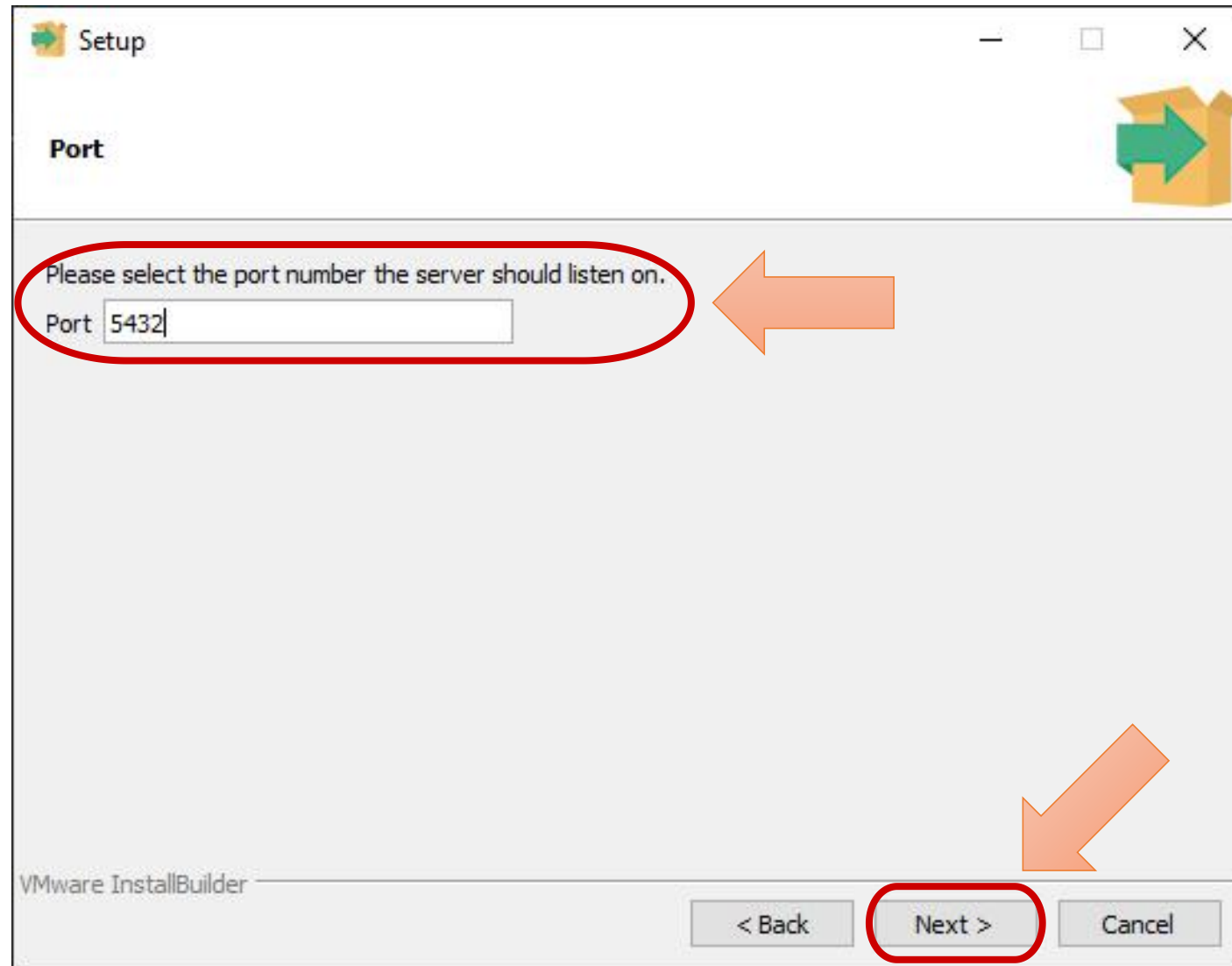
Neste local, deverá ser colocada a senha que será utilizada para acessar o banco de dados (por isso atenção ao inserir)

VMware InstallBuilder

< Back Next > Cancel

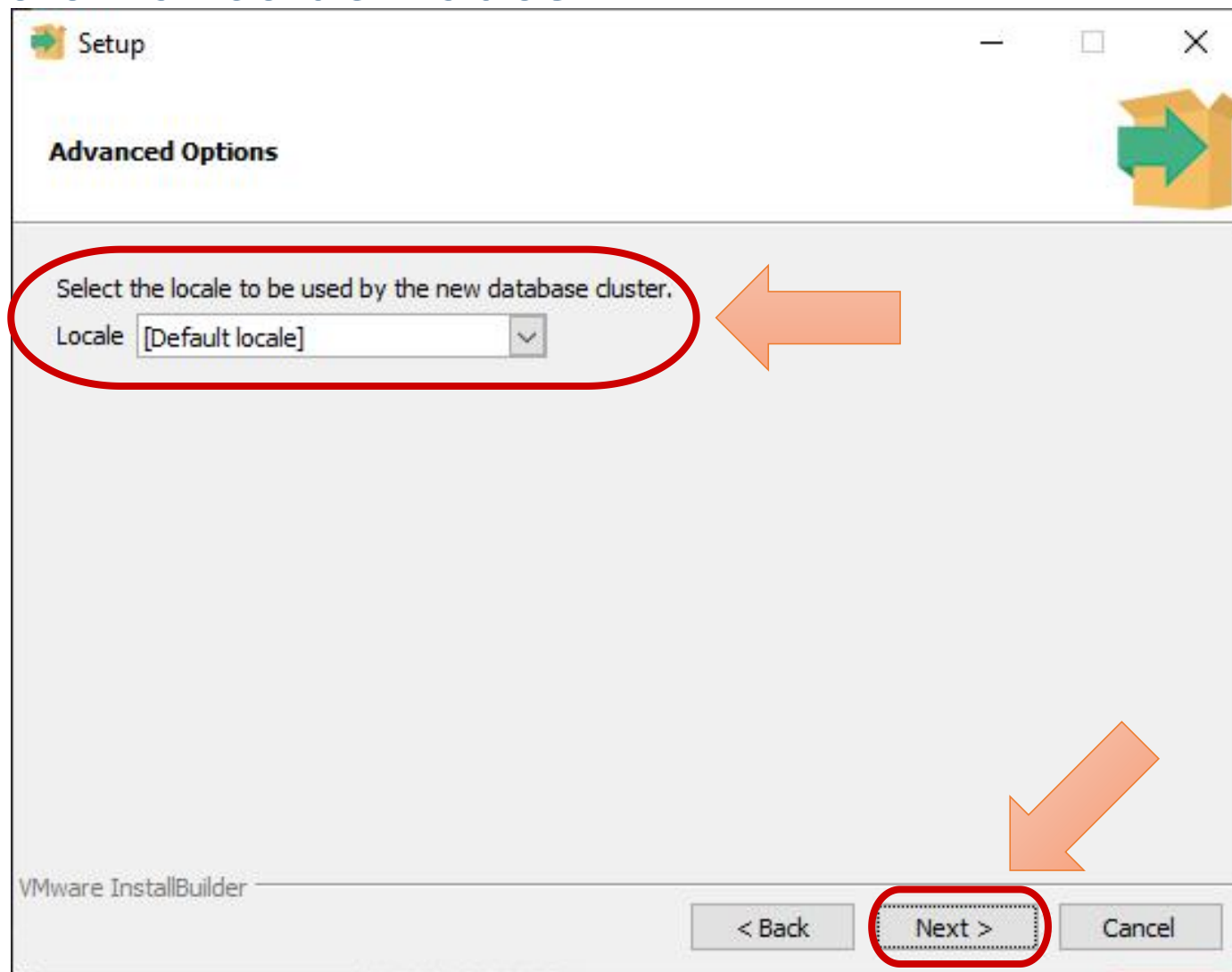
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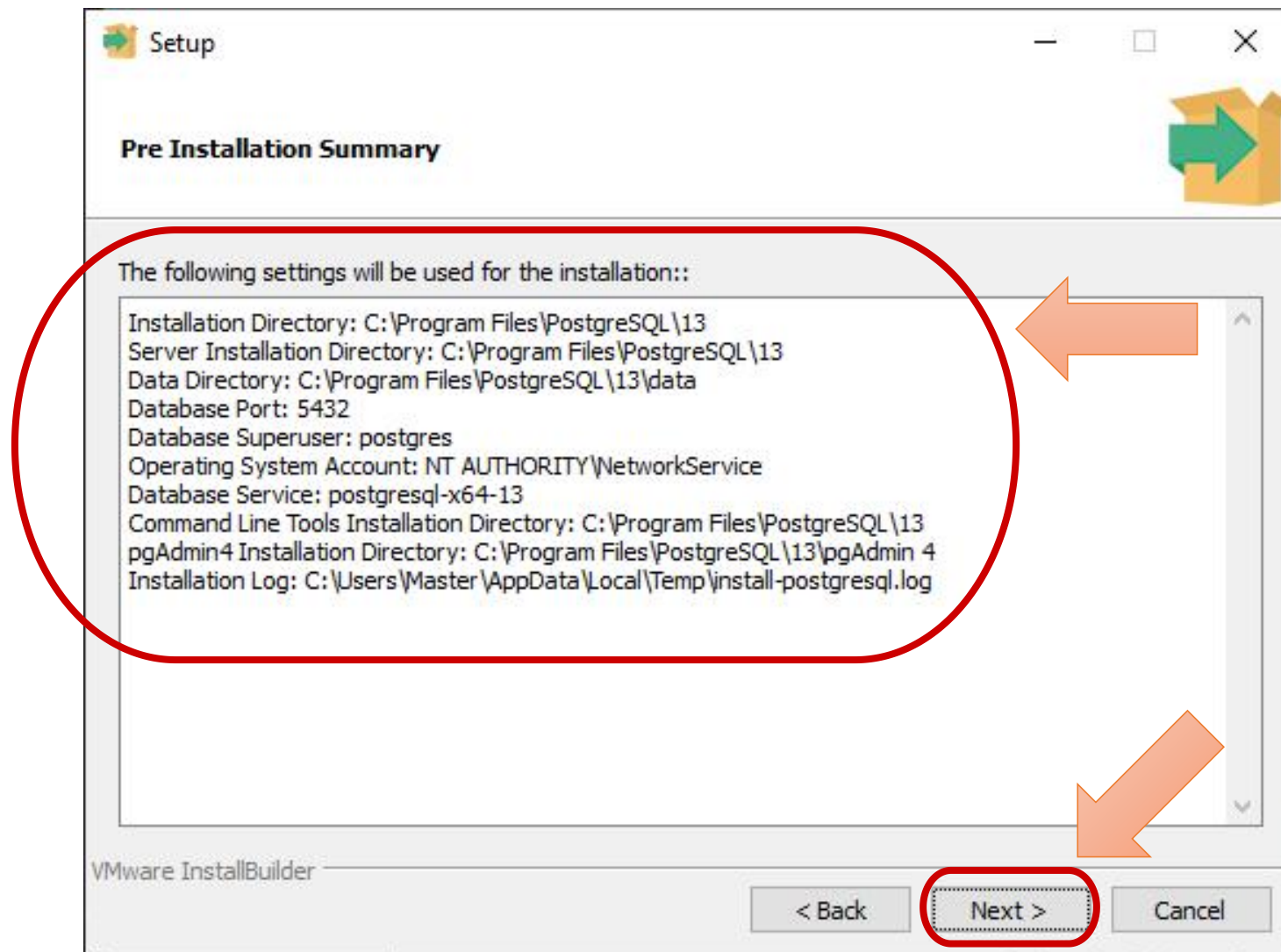
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Instalando o Banco de Dados



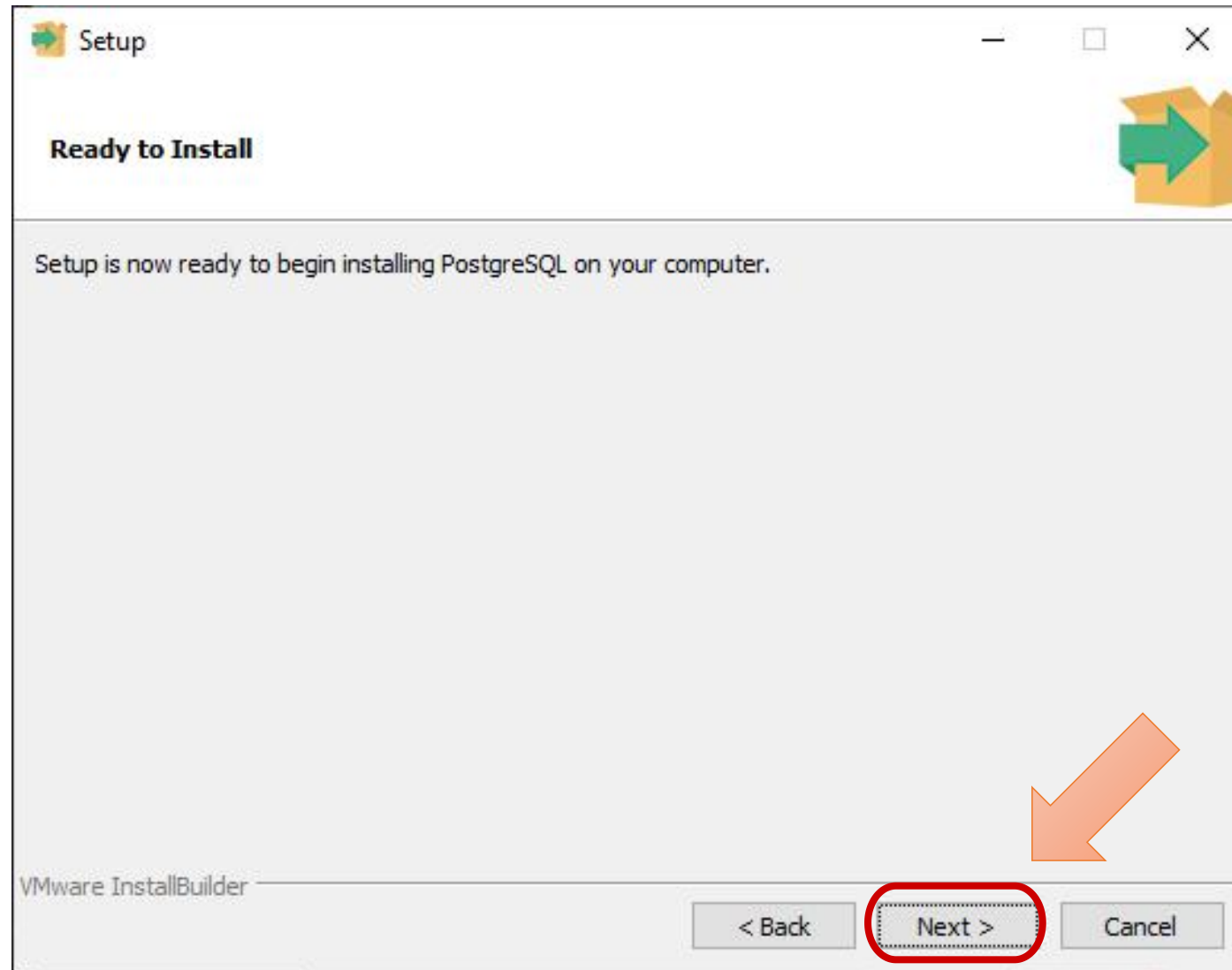
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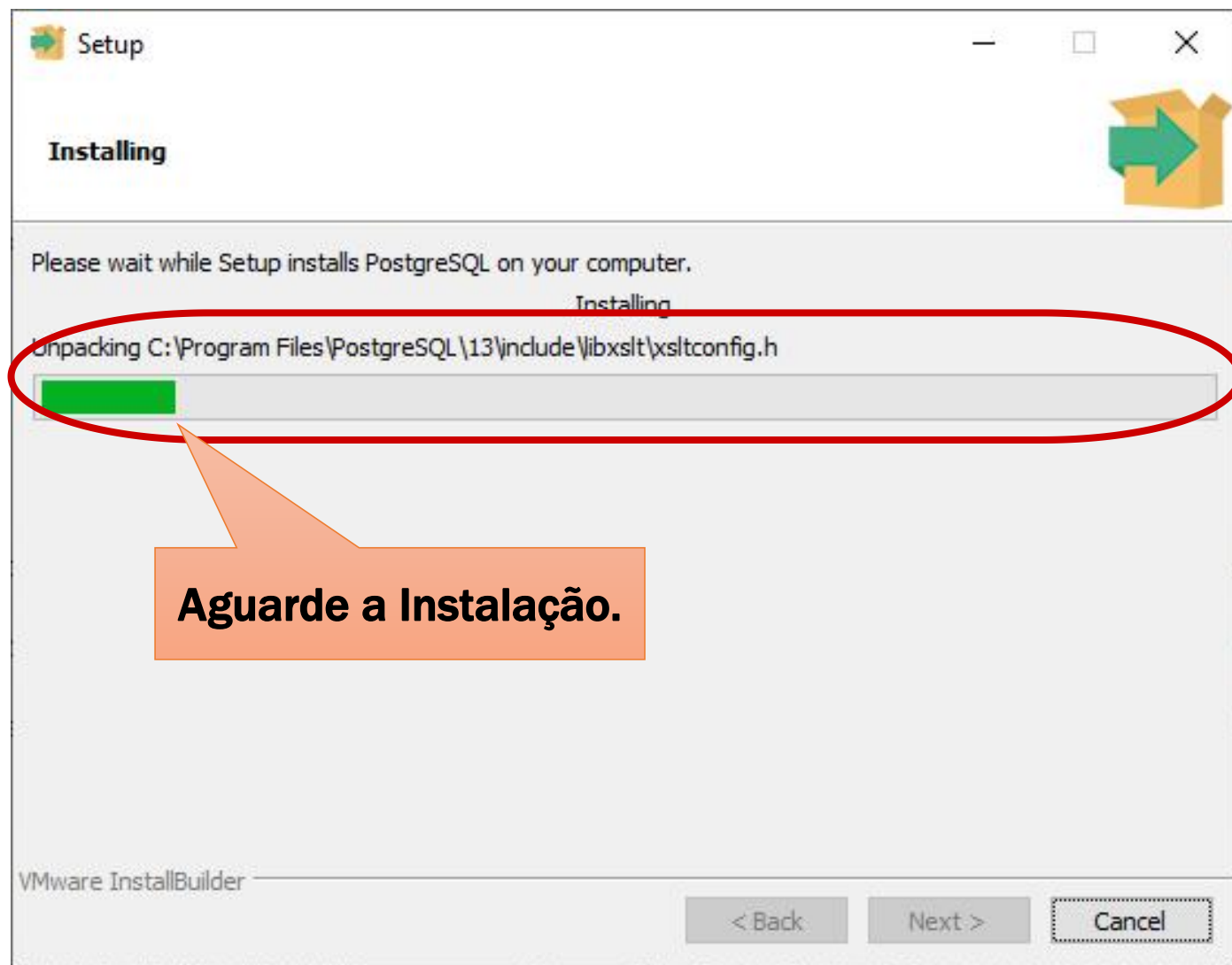
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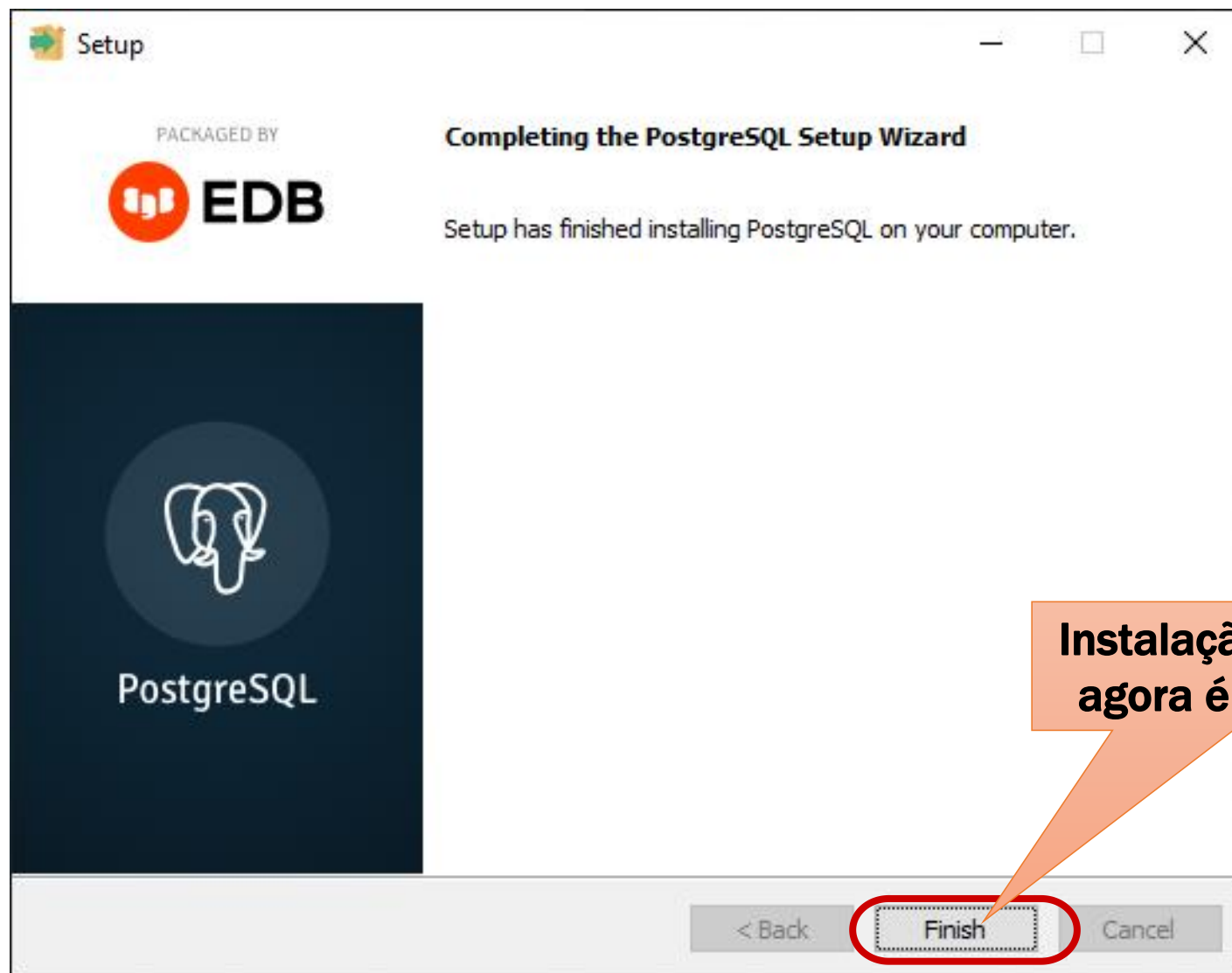
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Instalando o Banco de Dados



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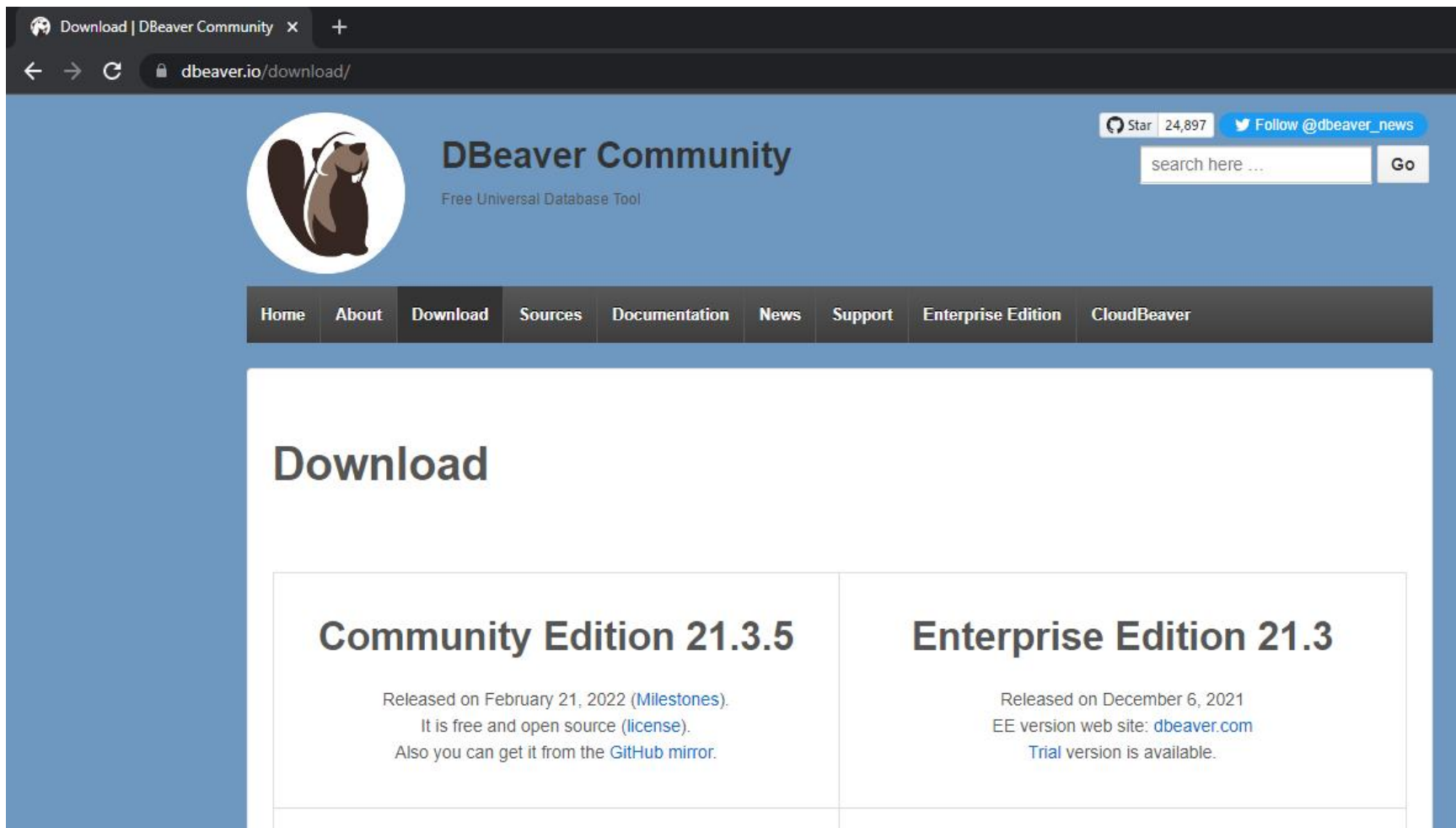
Instalando o Banco de Dados



INSTALANDO FERRAMENTAS

Instalando o Gerenciador do Banco de Dados - **DBeaver**

- <https://dbeaver.io/download/>

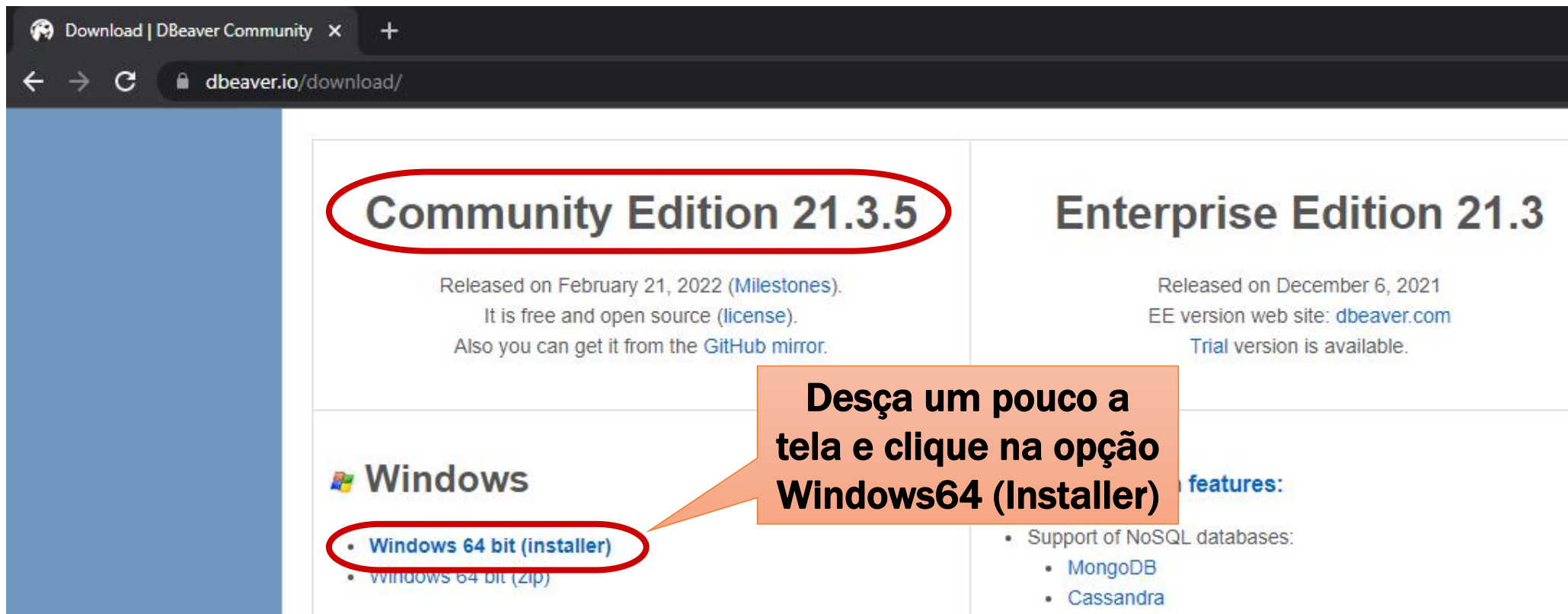


The screenshot shows the DBeaver Community website's download page. The browser address bar displays 'dbeaver.io/download/'. The page header includes the DBeaver Community logo (a beaver), the text 'DBeaver Community' and 'Free Universal Database Tool', a GitHub star count of 24,897, and a Twitter follow button for '@dbeaver_news'. A navigation menu contains links for Home, About, Download, Sources, Documentation, News, Support, Enterprise Edition, and CloudBeaver. The main content area is titled 'Download' and features two columns: 'Community Edition 21.3.5' and 'Enterprise Edition 21.3'. The Community Edition section notes its release on February 21, 2022, its free and open-source nature, and provides links to milestones, license, and a GitHub mirror. The Enterprise Edition section notes its release on December 6, 2021, provides a link to the EE version web site (dbeaver.com), and mentions that a trial version is available.

Community Edition 21.3.5	Enterprise Edition 21.3
Released on February 21, 2022 (Milestones). It is free and open source (license). Also you can get it from the GitHub mirror .	Released on December 6, 2021 EE version web site: dbeaver.com Trial version is available.

INSTALANDO FERRAMENTAS

Instalando o Gerenciador do Banco de Dados - **DBeaver**



The screenshot shows the DBeaver download page on a web browser. The browser's address bar displays 'dbeaver.io/download/'. The page is divided into two main columns: 'Community Edition 21.3.5' and 'Enterprise Edition 21.3'. The 'Community Edition' section is highlighted with a red oval. Below it, the text states it was released on February 21, 2022, is free and open source, and can be downloaded from the GitHub mirror. The 'Enterprise Edition' section mentions it was released on December 6, 2021, and provides a link to the EE version web site. Below the 'Community Edition' section, there is a 'Windows' section with a list of download options. The option 'Windows 64 bit (installer)' is circled in red. A red speech bubble points to this option with the text 'Desça um pouco a tela e clique na opção Windows64 (Installer)'. To the right of the 'Windows' section, there is a 'features:' section with a list of supported NoSQL databases: MongoDB and Cassandra.

Download | DBeaver Community x +

dbeaver.io/download/

Community Edition 21.3.5

Released on February 21, 2022 ([Milestones](#)).
It is free and open source ([license](#)).
Also you can get it from the [GitHub mirror](#).

Enterprise Edition 21.3

Released on December 6, 2021
EE version web site: [dbeaver.com](#)
[Trial](#) version is available.

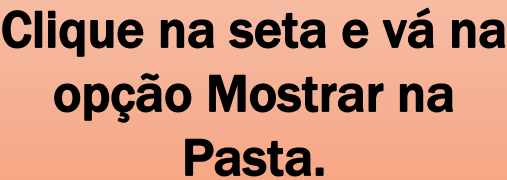
Windows

- [Windows 64 bit \(installer\)](#)
- [Windows 64 bit \(zip\)](#)

features:

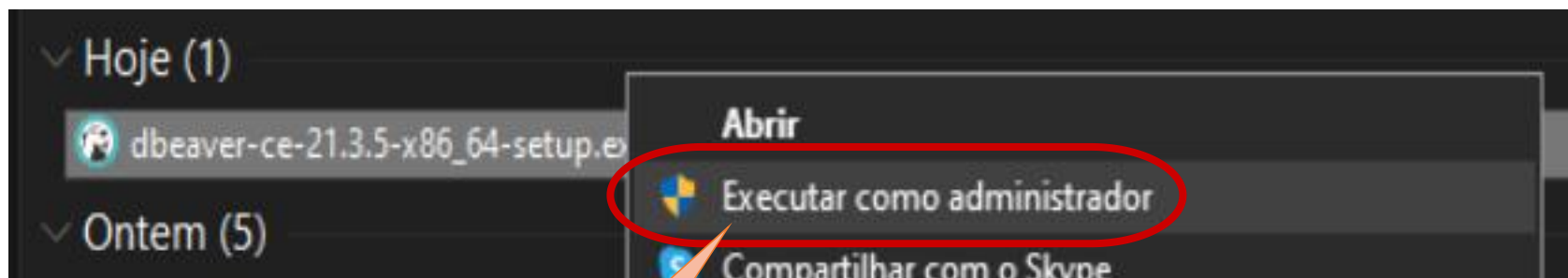
- Support of NoSQL databases:
 - [MongoDB](#)
 - [Cassandra](#)

Instalando o Gerenciador do Banco de Dados - DBeaver



INSTALANDO FERRAMENTAS

Instalando o Gerenciador do Banco de Dados - **DBeaver**



**Preferencialmente,
Executar como
Administrador, caso o
computador não
permita, instale
normalmente.**

INSTALANDO FERRAMENTAS

Instalando o Gerenciador do Banco de Dados - **DBeaver**



Escolha a linguagem em que as opções do Gerenciador irão aparecer.

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Instalando o Gerenciador do Banco de Dados - DBeaver



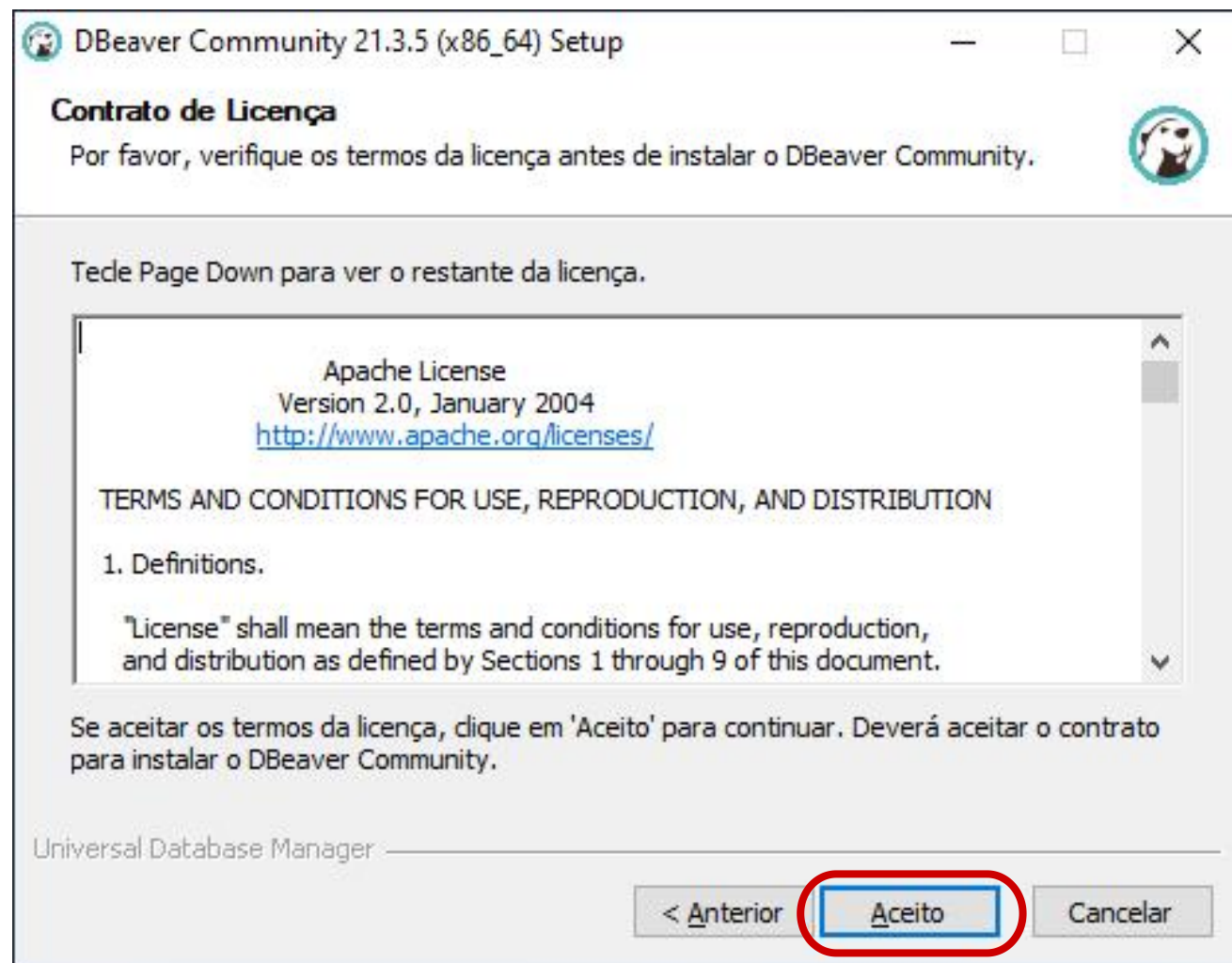
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Instalando o Gerenciador do Banco de Dados - DBeaver



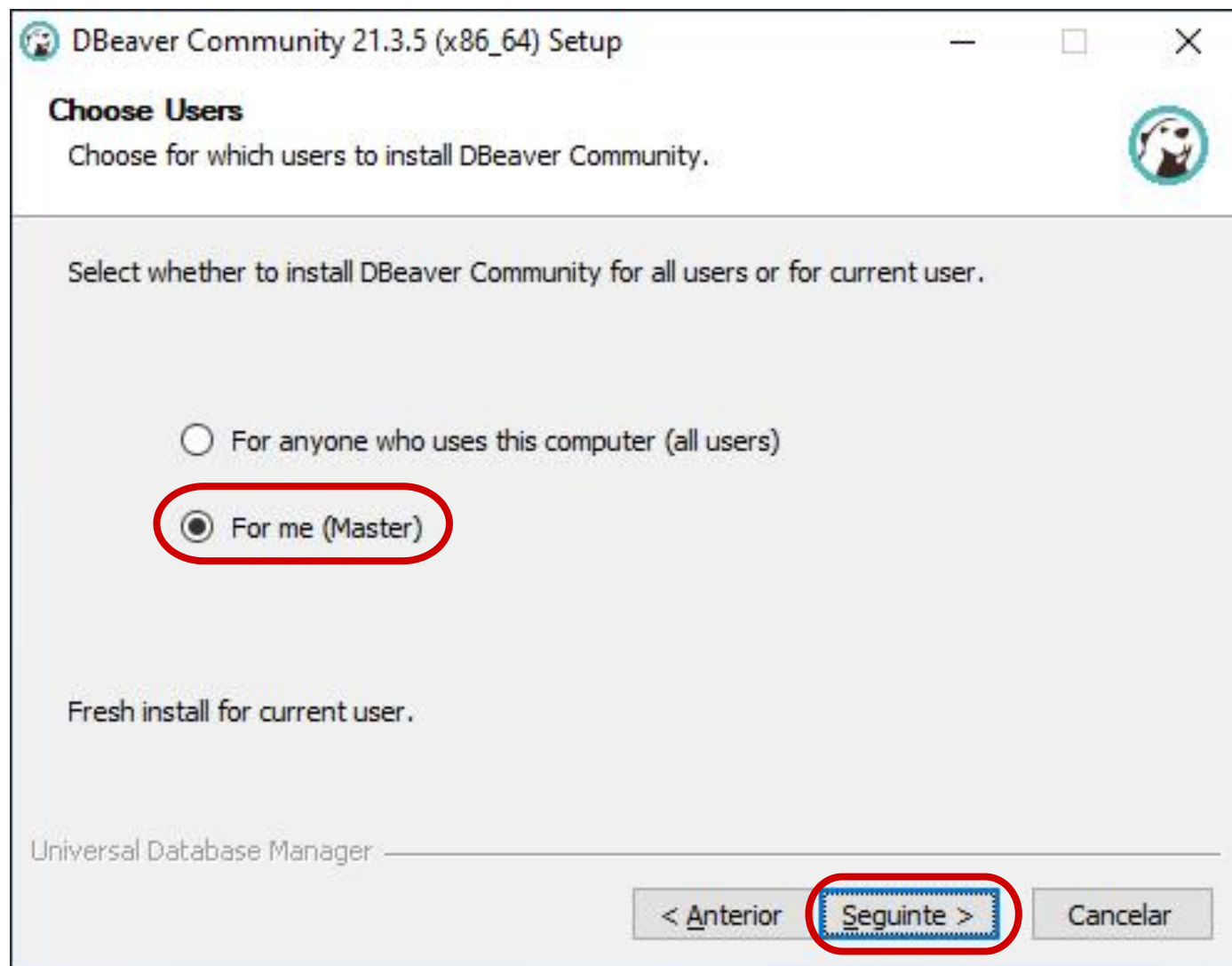
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Instalando o Gerenciador do Banco de Dados - **DBeaver**



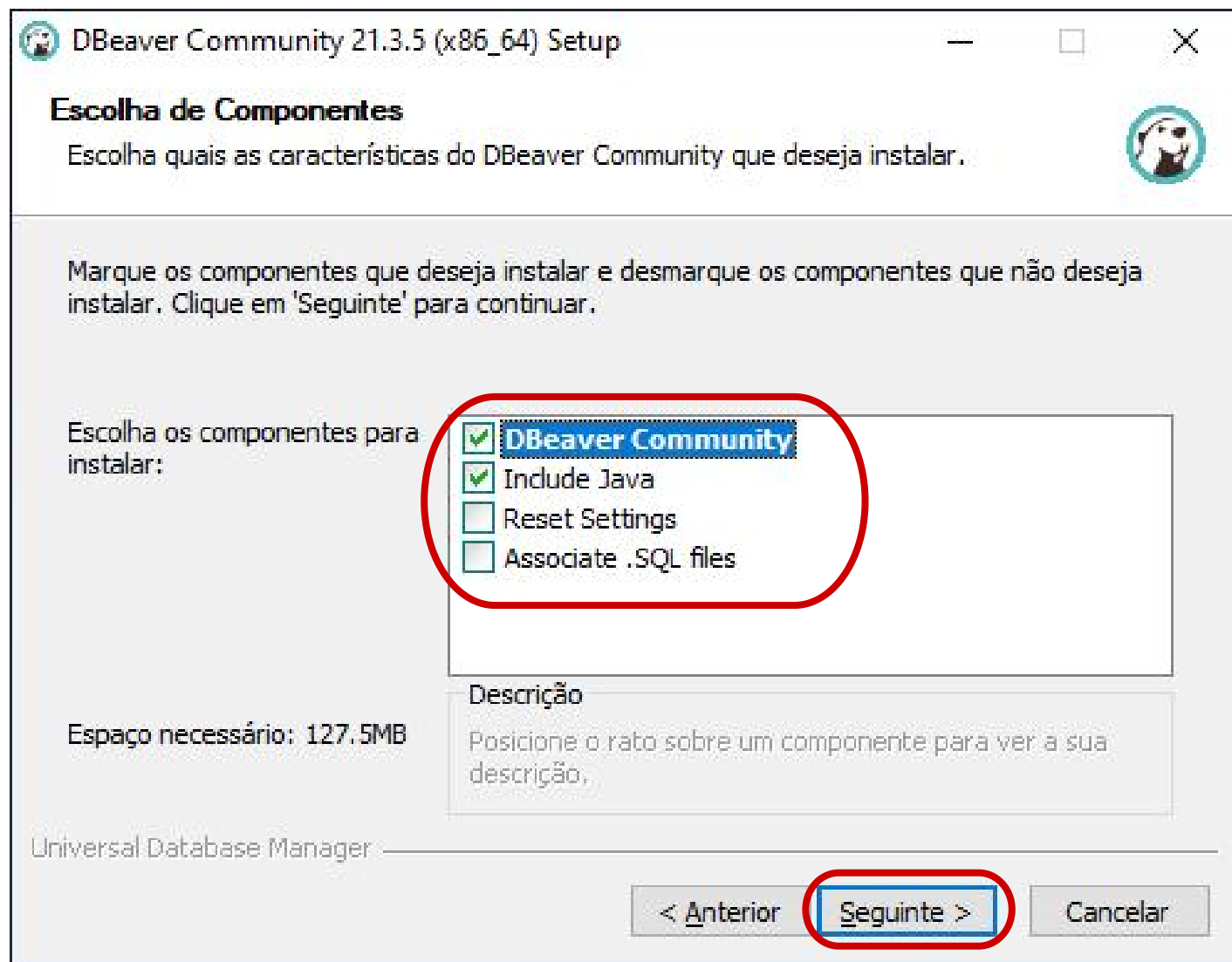
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Instalando o Gerenciador do Banco de Dados - DBeaver



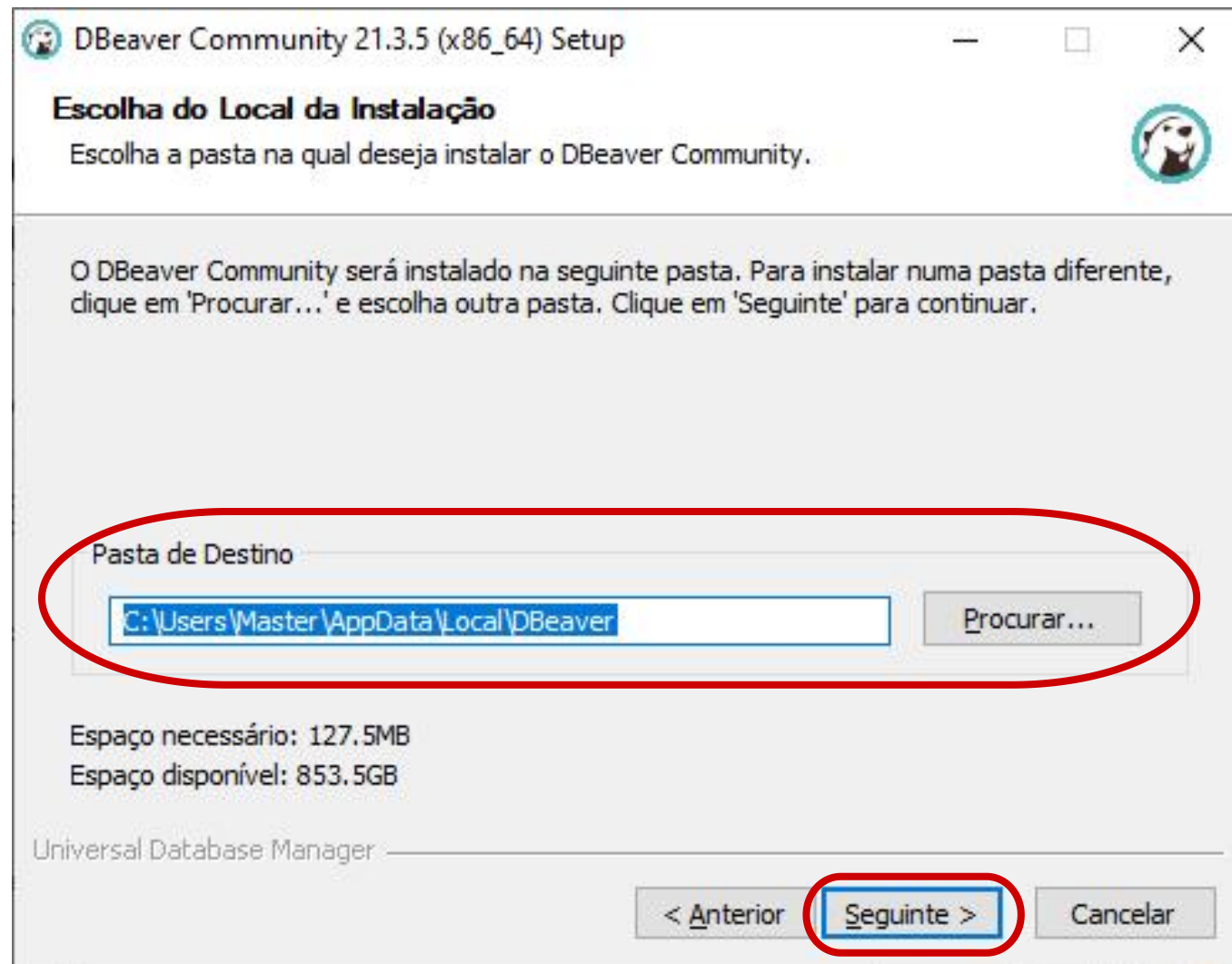
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Instalando o Gerenciador do Banco de Dados - DBeaver



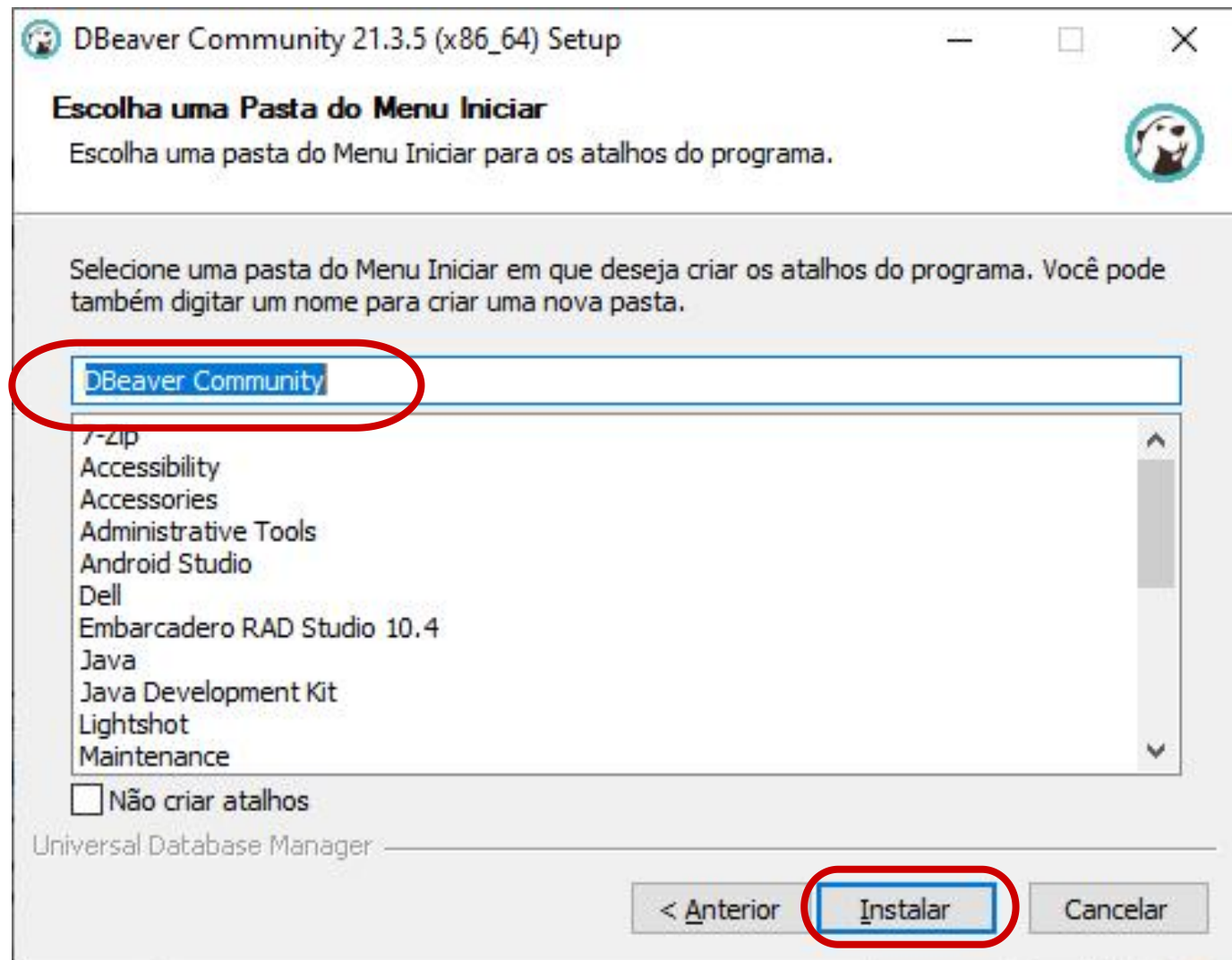
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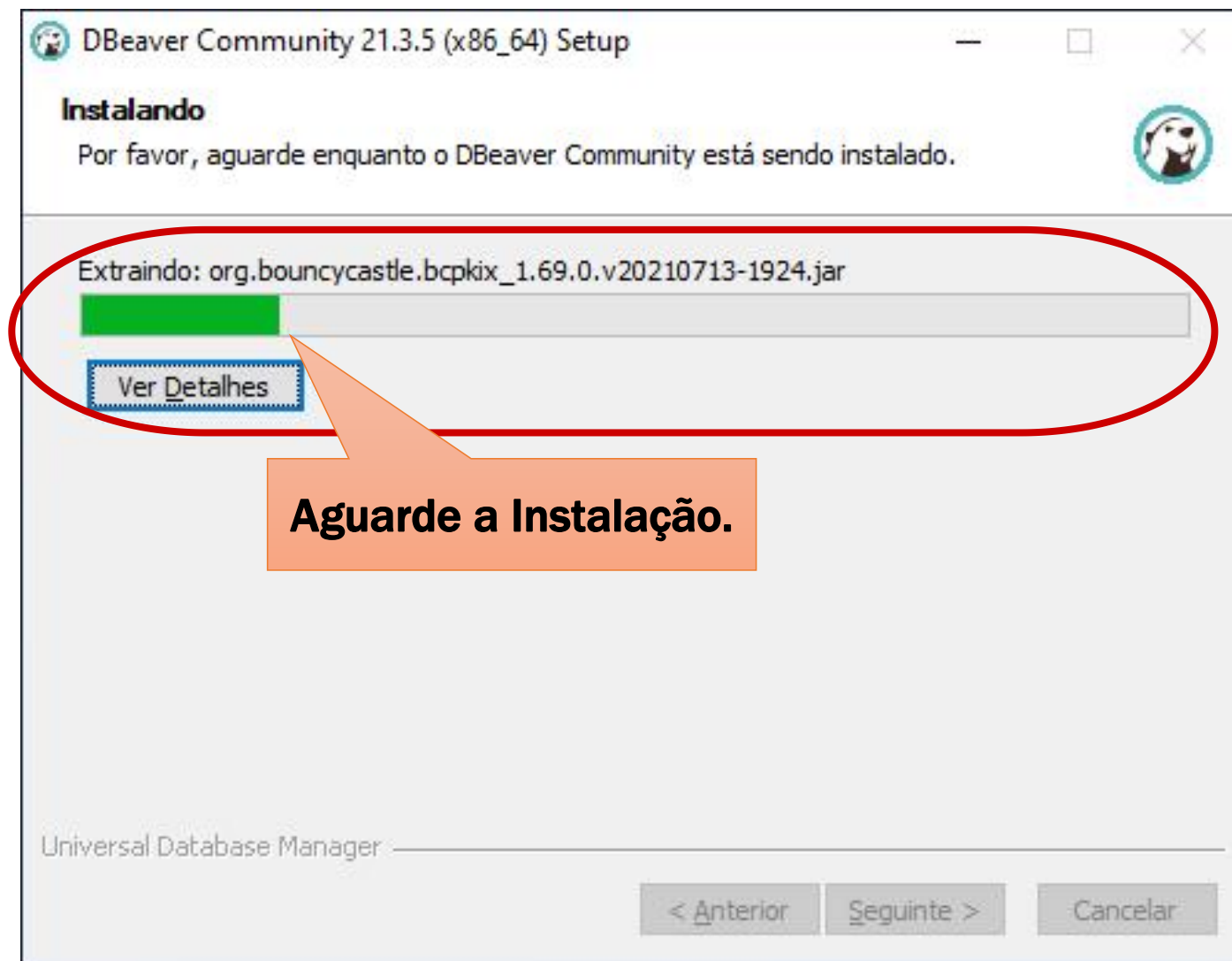
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Instalando o Gerenciador do Banco de Dados - DBeaver



INSTALANDO FERRAMENTAS

Instalando o Gerenciador do Banco de Dados - **DBeaver**



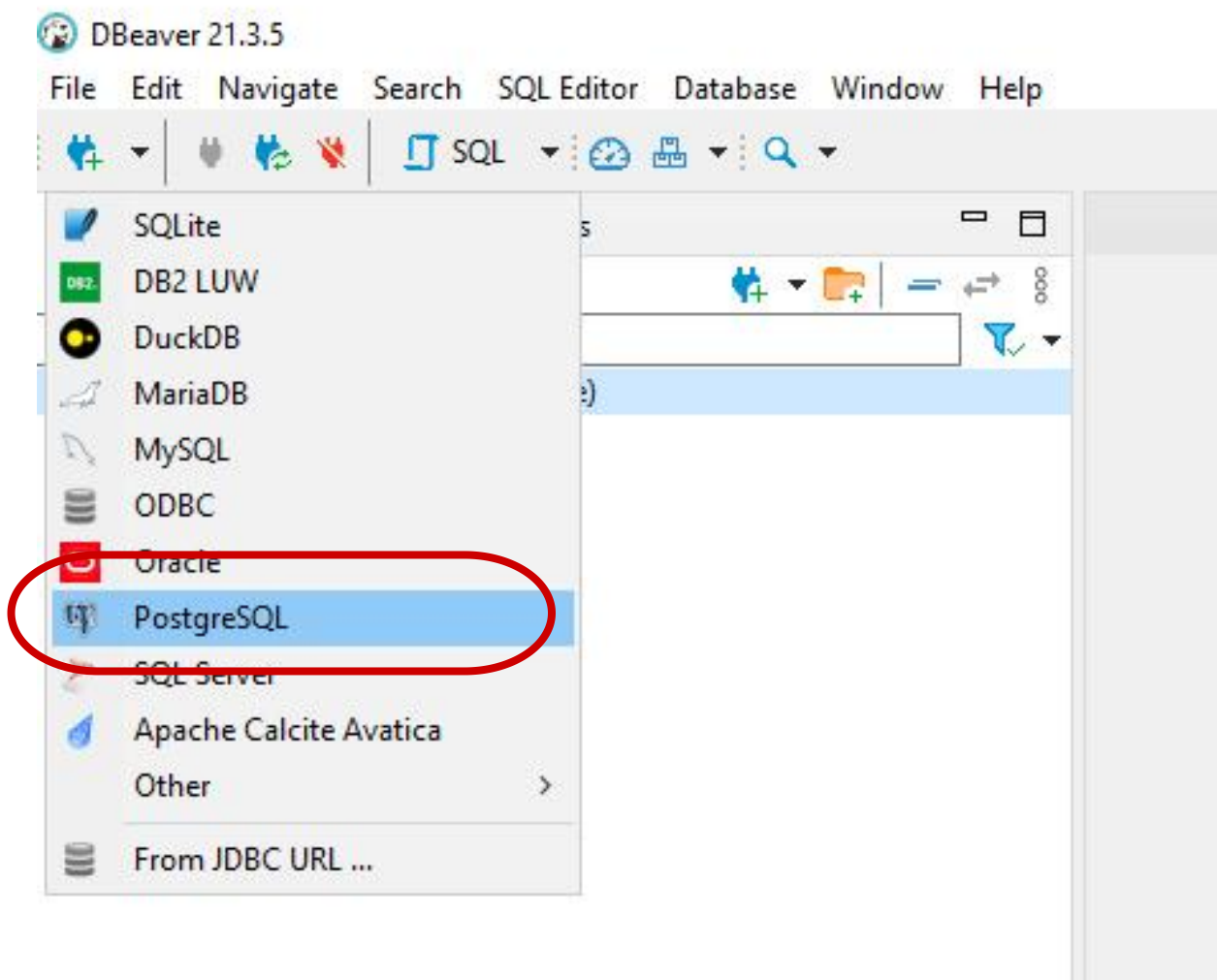
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Instalando o Gerenciador do Banco de Dados - DBeaver



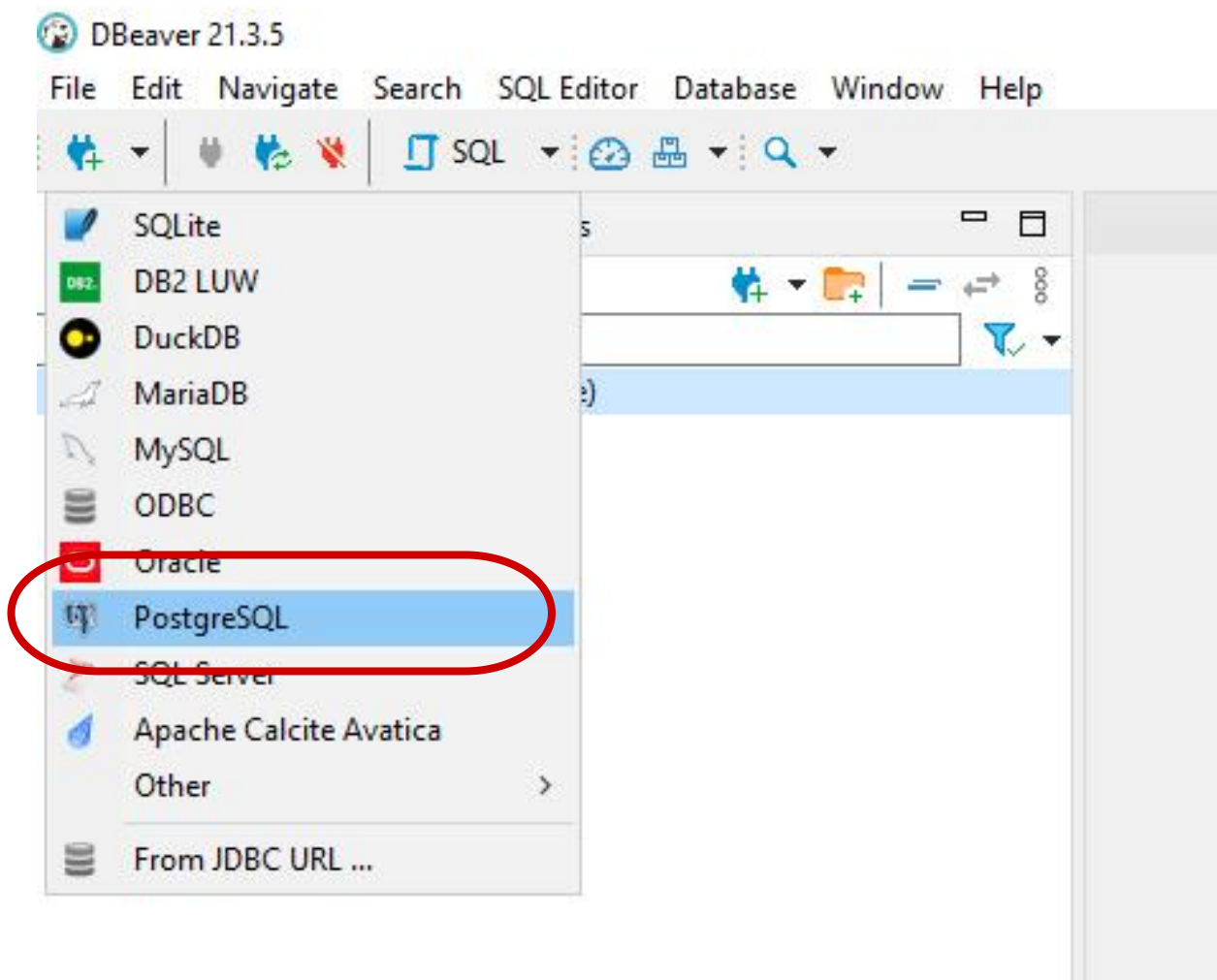
DBEAVER

Criando uma conexão com o Banco de dados Postgresql



DBEAVER

Criando uma conexão com o Banco de dados Postgresql



DBEAVER

Criando uma conexão com o Banco de dados Postgresql

Connect to a database

Connection Settings
PostgreSQL connection settings

PostgreSQL

Main PostgreSQL Driver properties SSH Proxy SSL

Server

Host: localhost Port: 5432

Database: postgres

Authentication

Authentication: Database Native

Username: postgres

Password: •••• ☒ Save password locally

Advanced

Session role: Local Client: PostgreSQL 13

i You can use variables in connection parameters. Connection details (name, type, ...)

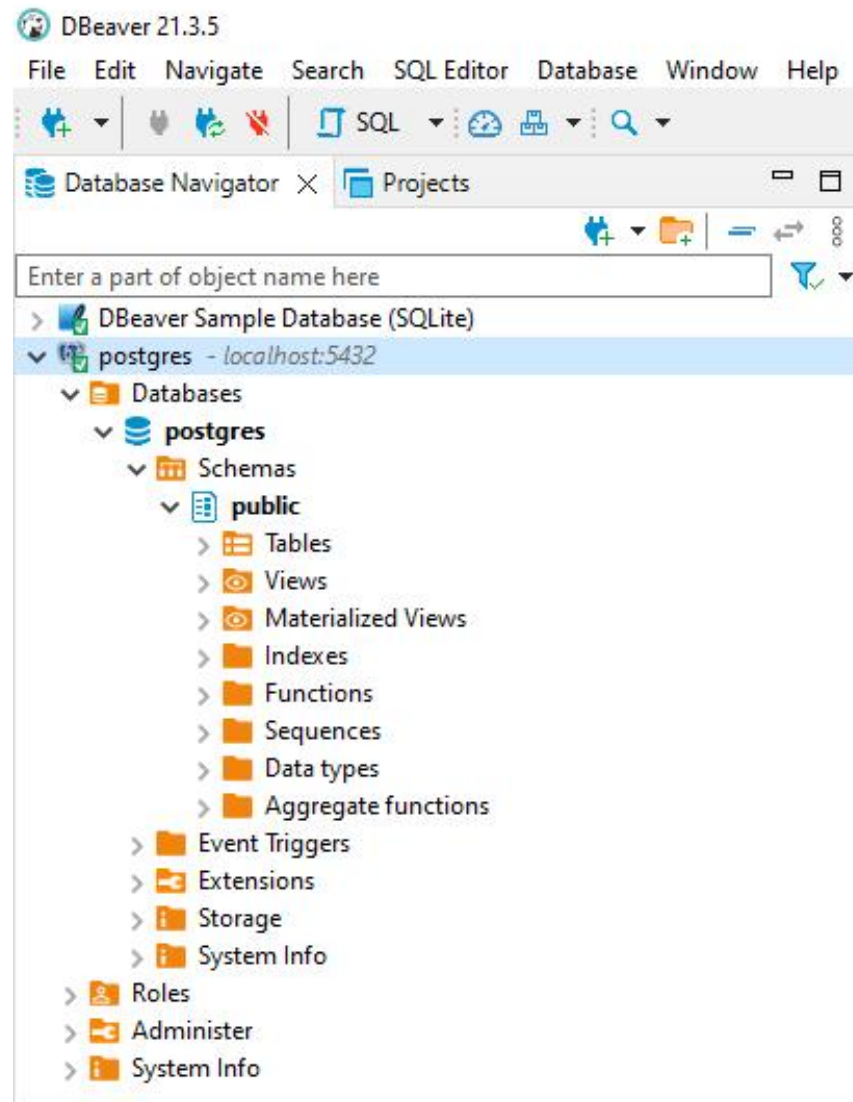
Driver name: PostgreSQL Edit Driver Settings

Test Connection ... < Back Next > Finish Cancel

Coloque uma senha que você lembre.

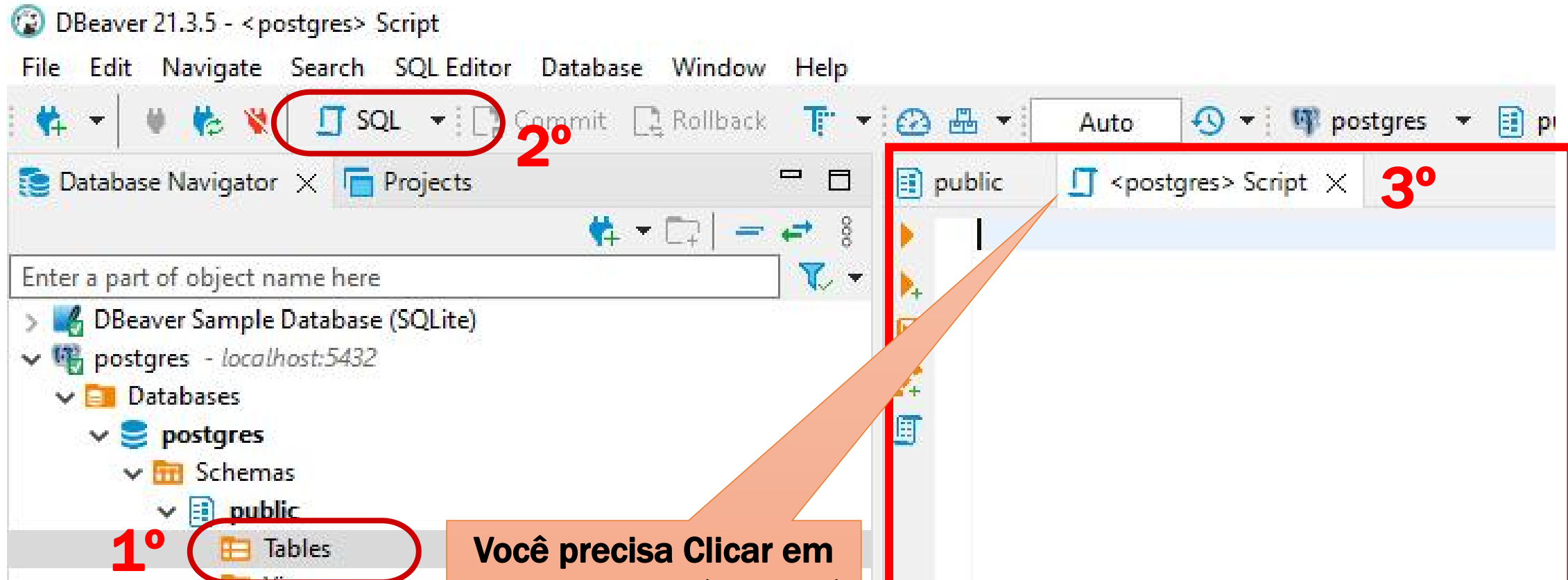
DBeaver

Explorando a estrutura criada



DBEAVER

Explorando a estrutura criada



REFERÊNCIAS

- www.postgresql.org
- <https://dbeaver.io/download/>