

# Cursos Online SELPER

“Introdução ao Geoprocessamento com TerraView 5”

Procedimentos Iniciais

# **Introdução ao Geoprocessamento com TerraView 5**

## **Procedimentos Iniciais**

- **Instalar o TerraView 5 – Windows**
- **Instalar o SGBD PostgreSQL e PostGIS (Windows)**
- **Instalar o Notepad++ - Windows**
- **Instalar os dados para o curso - Windows**

**Resp: Eymar Lopes - pesquisador**



# Informações Gerais




Moodle

Português - Brasil (pt\_br) ▾




Eymar Lopes  
Estudante





 Introd. Geo Tview5 -  
05/2020


 Participantes


 Emblemas

 Competências

 Notas


 Informações Gerais

 Painel

 Página inicial do site

 Calendário

 Arquivos privados

 Meus cursos


 Administração do site

## Introd. Geo Tview5 - 05/2020



[Painel](#) / [Meus cursos](#) / [Introd. Geo Tview5 - 05/2020](#)

### Informações Gerais

Seu progresso 



Metodologia do Curso:



Veja aqui como serão nossas atividades.



Cronograma de Atividades



Veja aqui todas as **datas e horários** agendados com todos alunos. No mais você faz teu horário de estudo.



Critérios de Avaliação e Obtenção de Certificado



Hora certa das atividades da plataforma



Fórum Geral



Vídeo Aula - Procedimentos Iniciais.



 Slides - Procedimentos iniciais



LINK para baixar os dados e aplicativos a serem utilizados no curso (Opção 1 - Google Drive).








 LINK para baixar os dados e aplicativos a serem utilizados no curso. (Opção 2 - Public INPE)



Meu Drive > Curso\_Intro\_Geo\_Tview5 ▾



Nome ↑		Proprietário	Última modificaç...	Tamanho do arquivo
Curso_FGeo_TView5.zip		eu	23:04 eu	967 MB
npp.7.8.Installer.x64.exe		eu	10 de nov. de 2019 eu	4 MB
postgis-bundle-pg10x64-setup-...		eu	10 de nov. de 2019 eu	26 MB
postgresql-10.4-1-windows-x64...		eu	10 de nov. de 2019 eu	150 MB
TerraView-5.5.0-win64.exe		eu	19 de abr. de 2020 eu	63 MB

Nome	Tamanho
 TerraView-5.5.0-win64.exe	64,689 KB
 postgresql-10.4-1-windows-x64.exe	153,900 KB
 postgis-bundle-pg10x64-setup-2.4.4-1.e...	26,988 KB
 npp.7.8.Installer.x64.exe	3,887 KB
 Curso_FGeo_TView5.zip	989,982 KB

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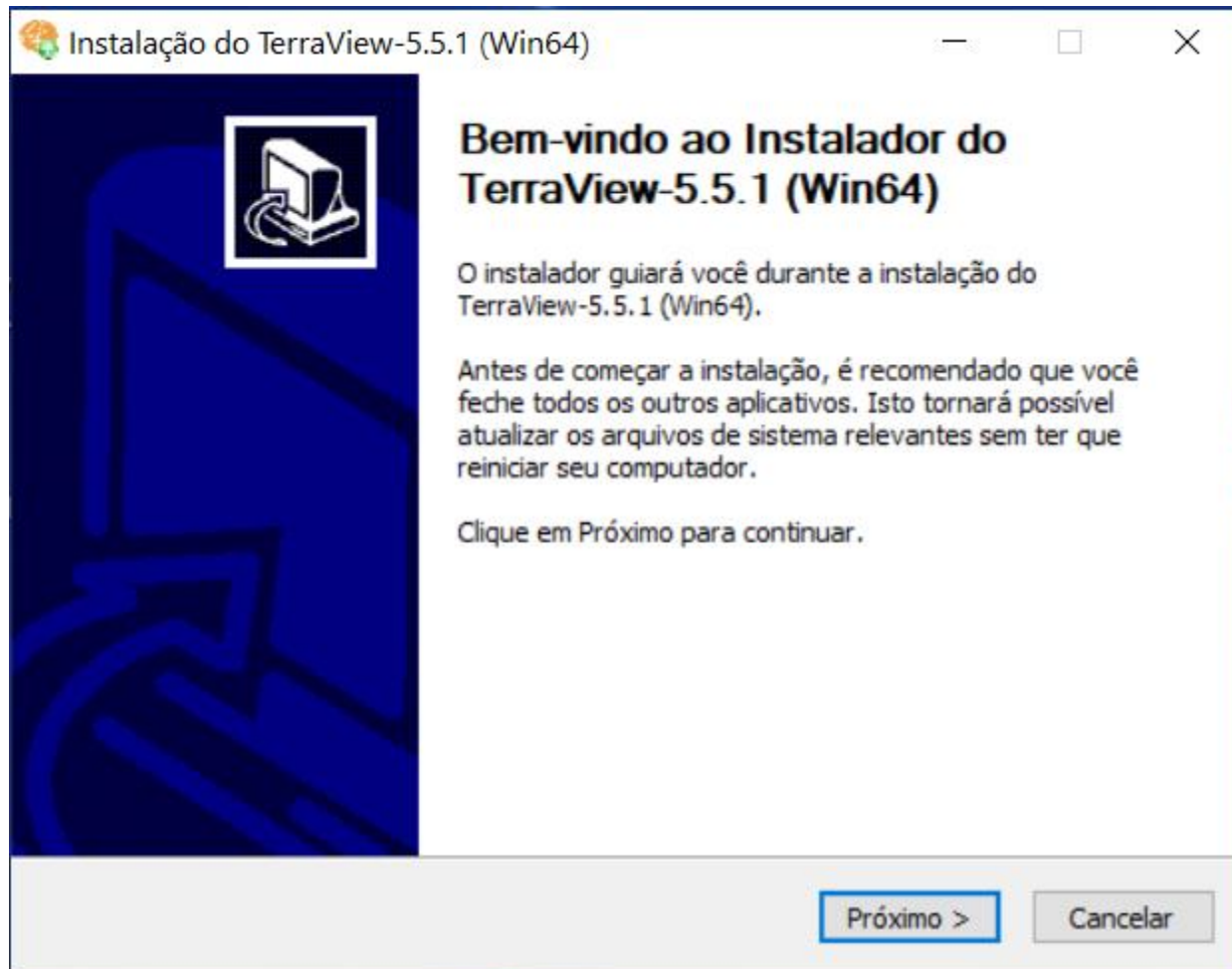
## **Instalando o TerraView 5.5**

**Arquivo para Windows:**

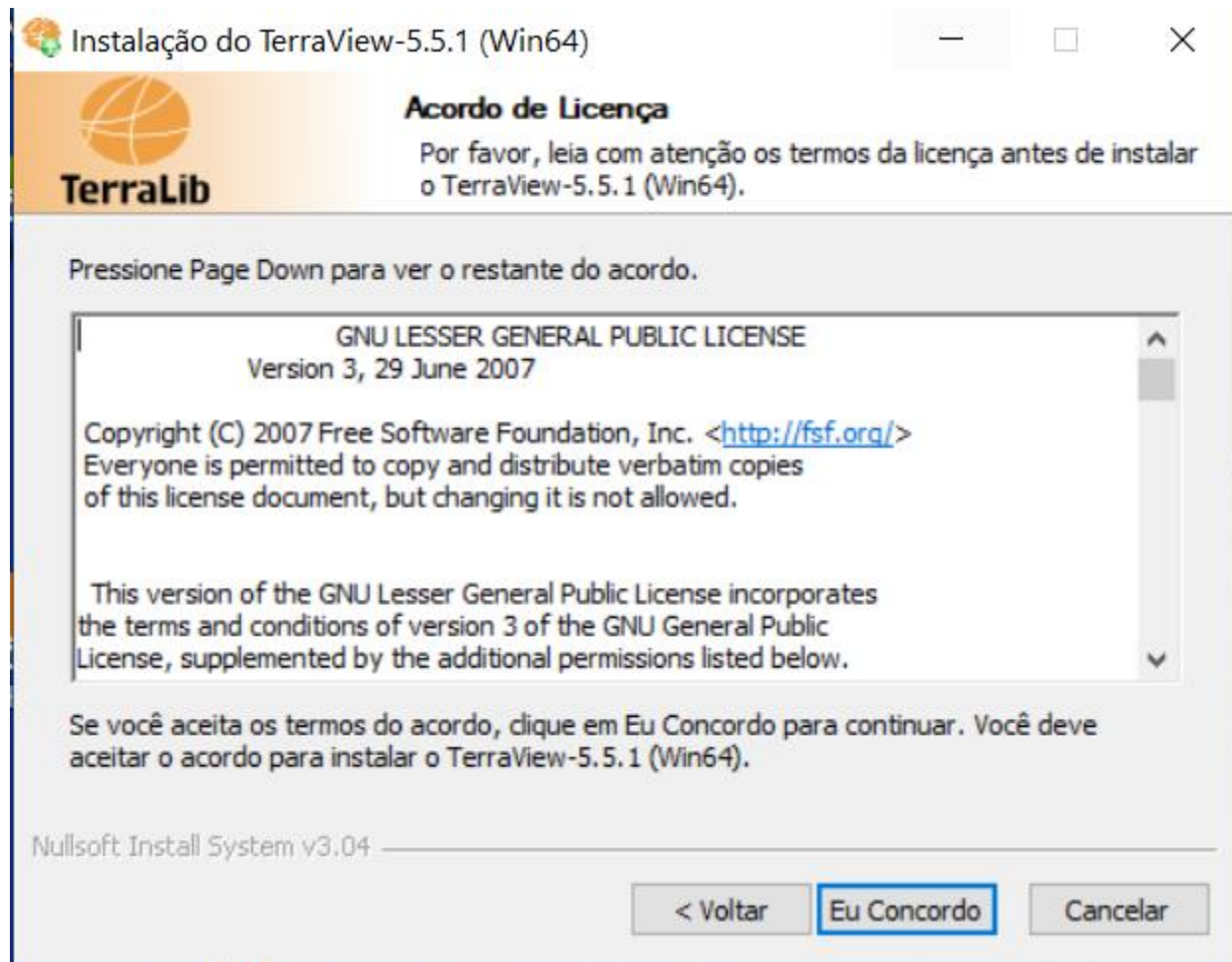
**TerraView-5.5.1-win64.exe**



# Passo 01: Boas vindas do instalador

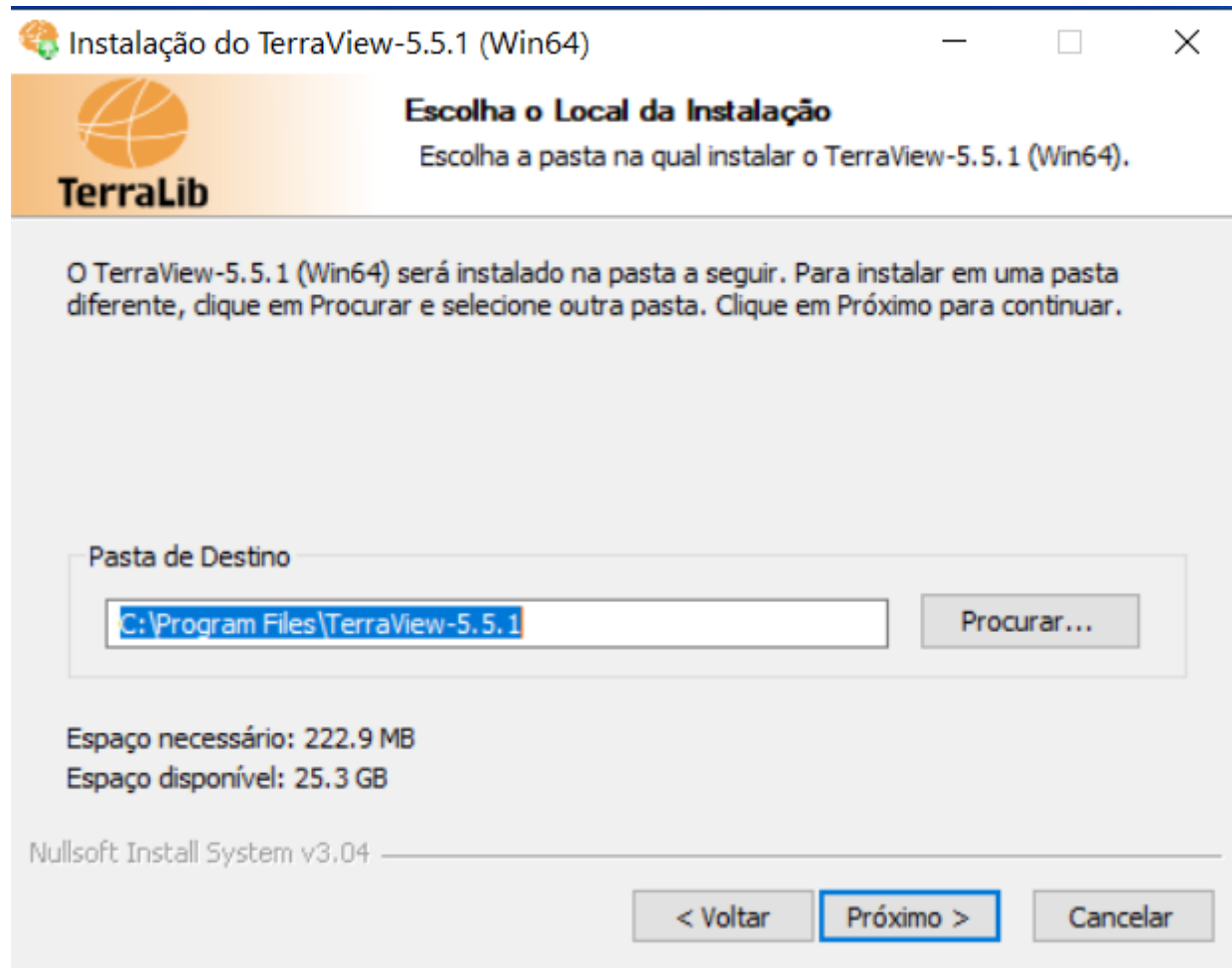


## Passo 02: Acordo de Licença

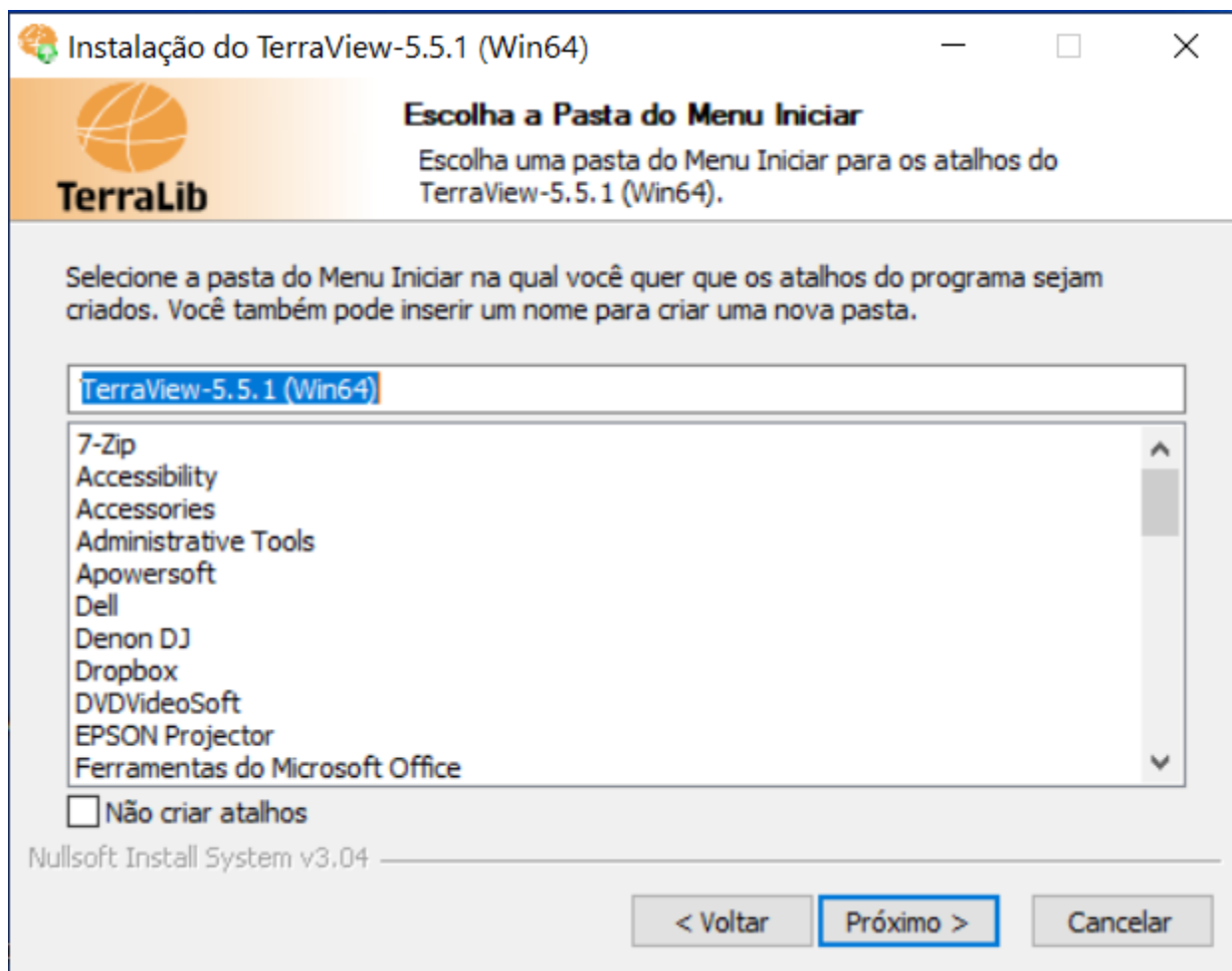




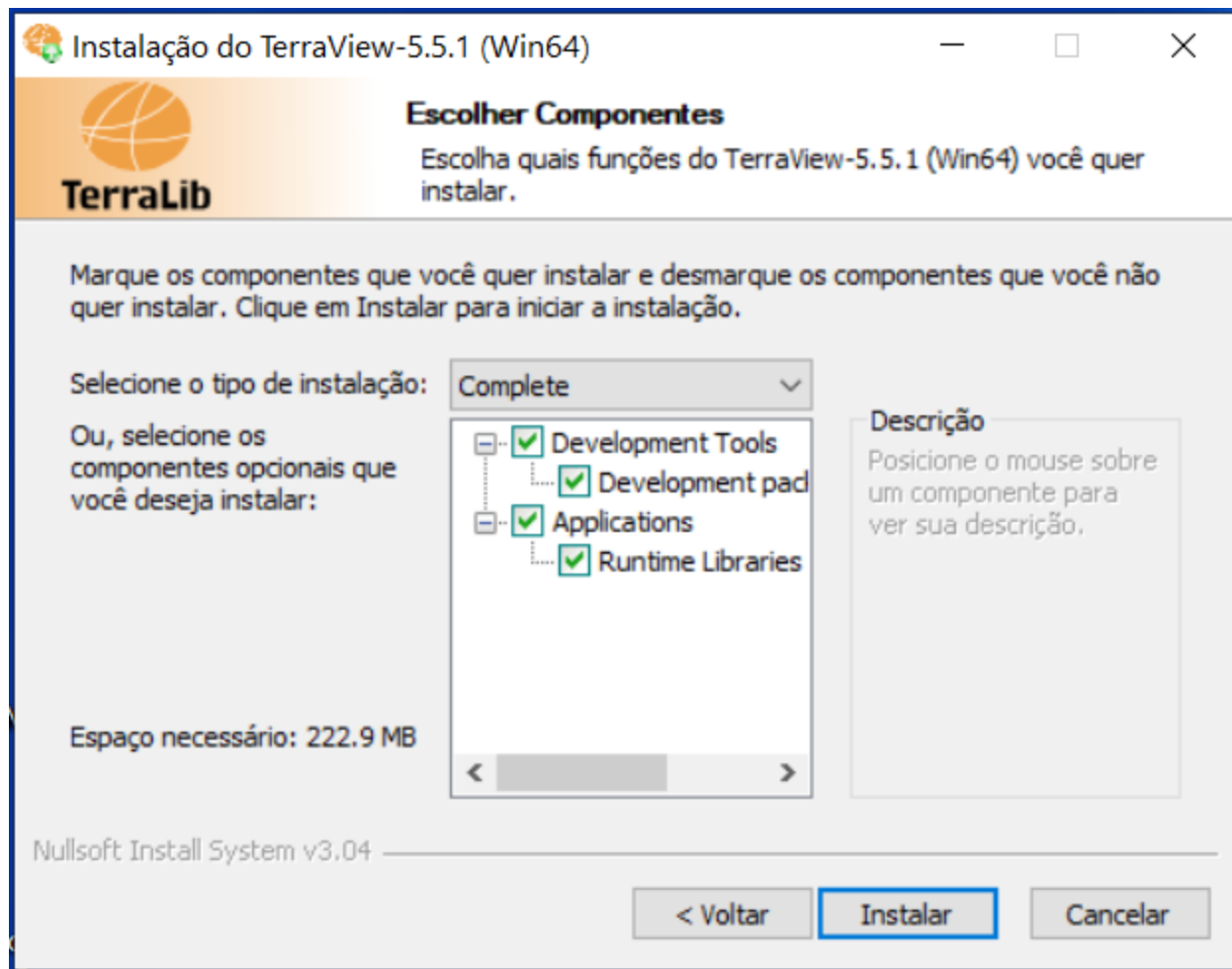
# Passo 03: Escolha a localização da instalação



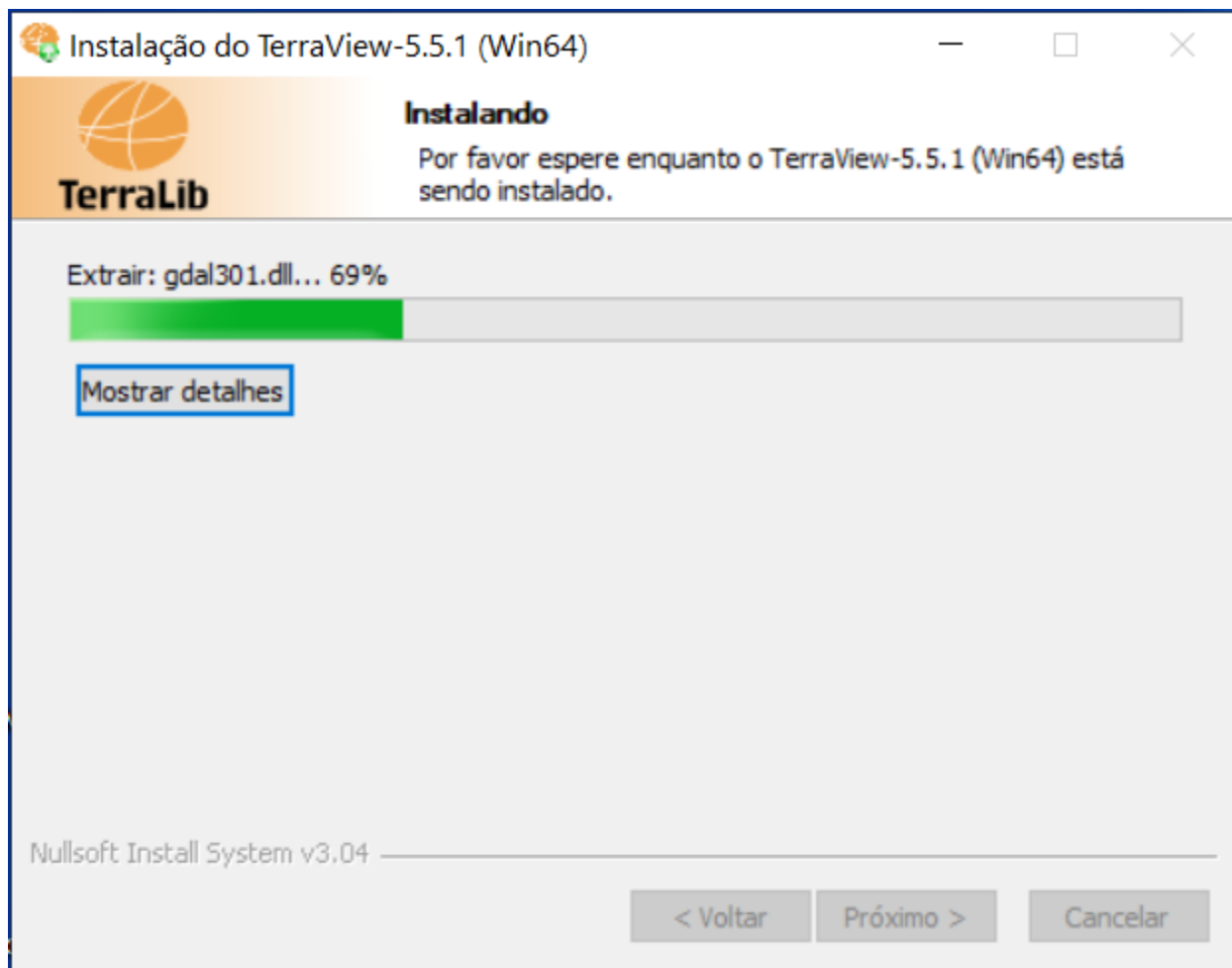
## Passo 04: Escolha a pasta do Menu Iniciar.



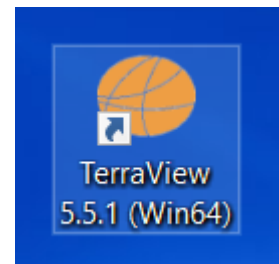
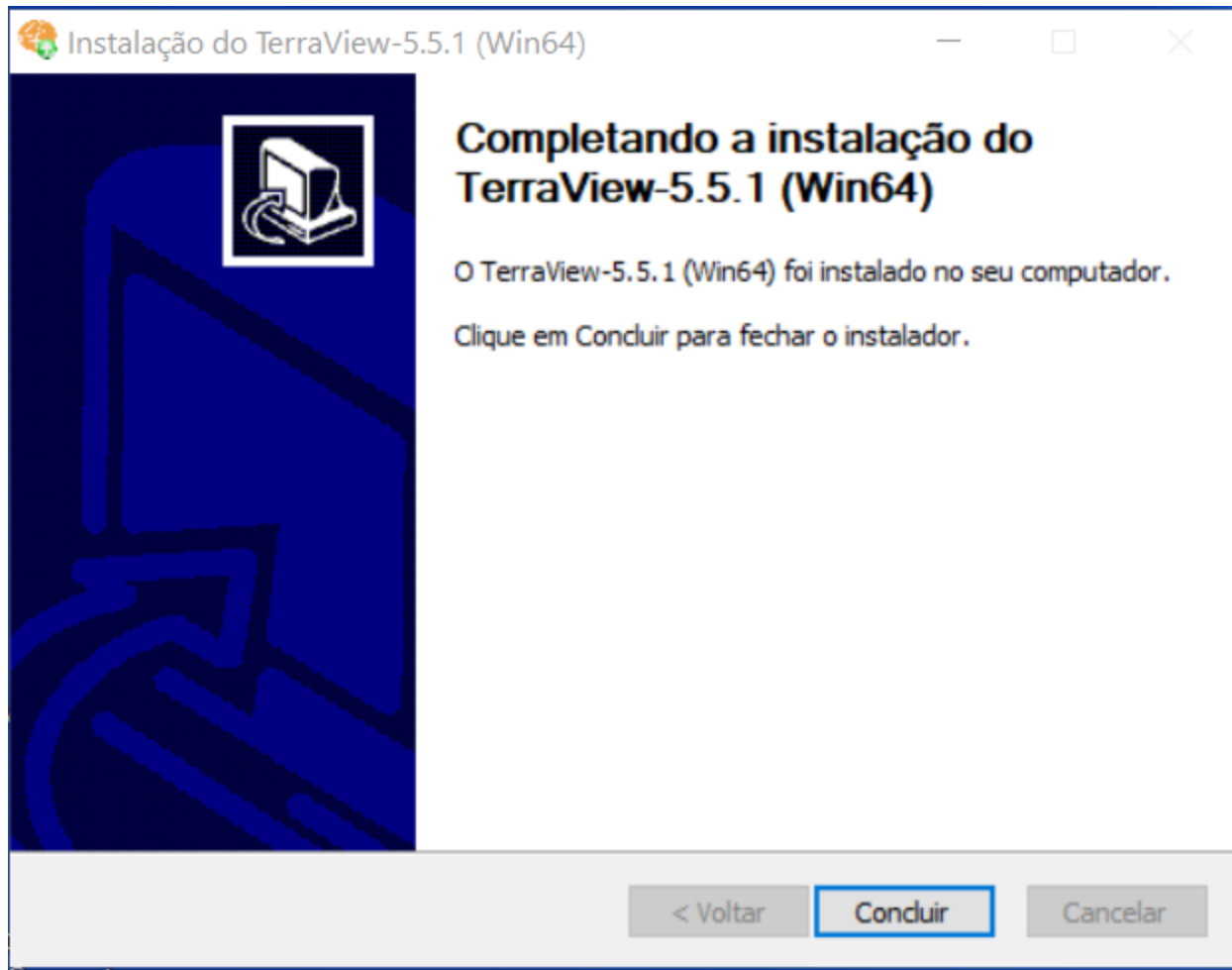
# Passo 05: Escolha de Componentes



# Passo 06: Instalar



# Passo 08: Concluir



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# **Instalando o Servidor PostgreSQL**

**Arquivo para Windows:**

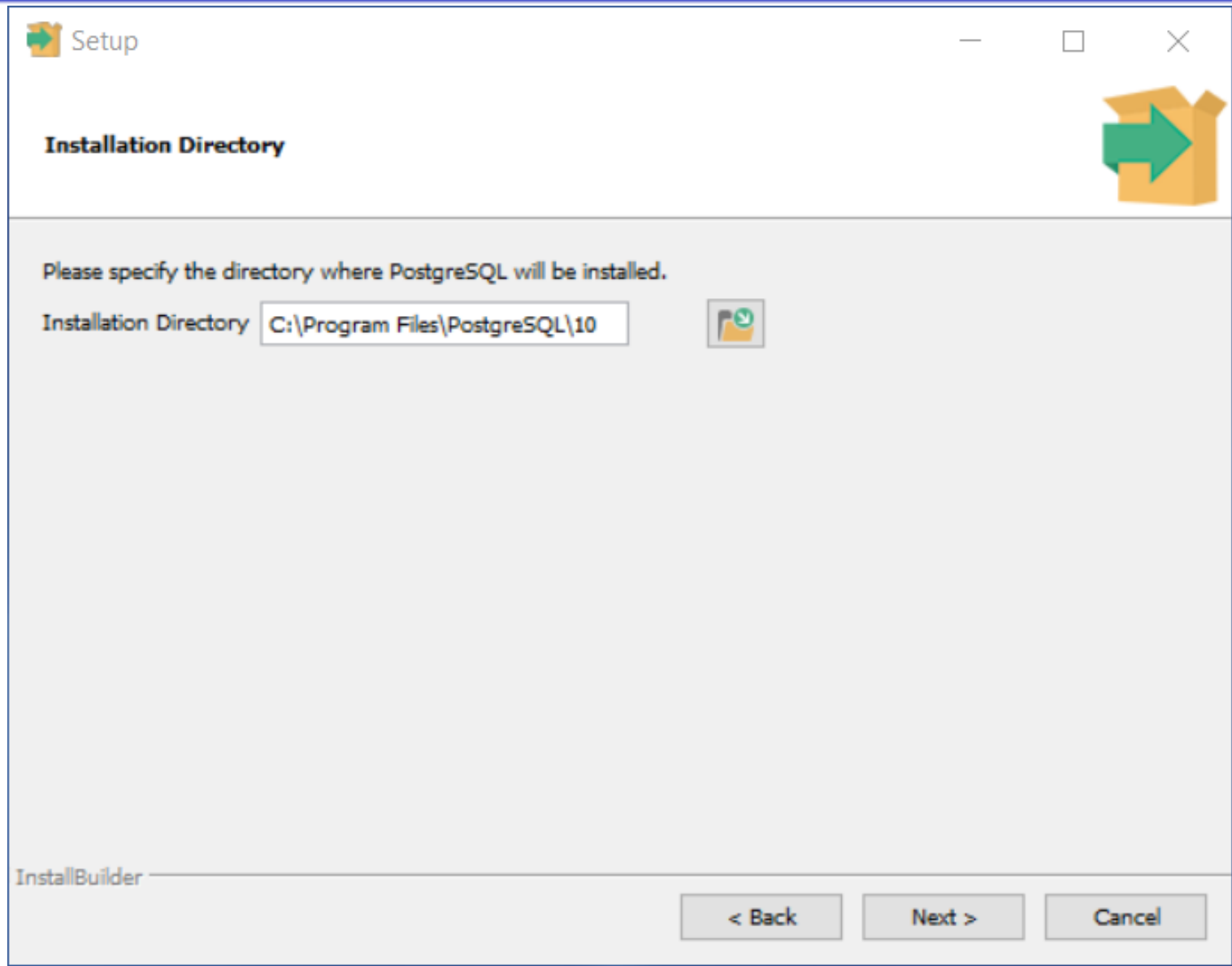
**postgresql-10.4-1-windows-x64.exe**



# Passo 01: janela de boas vindas do instalador

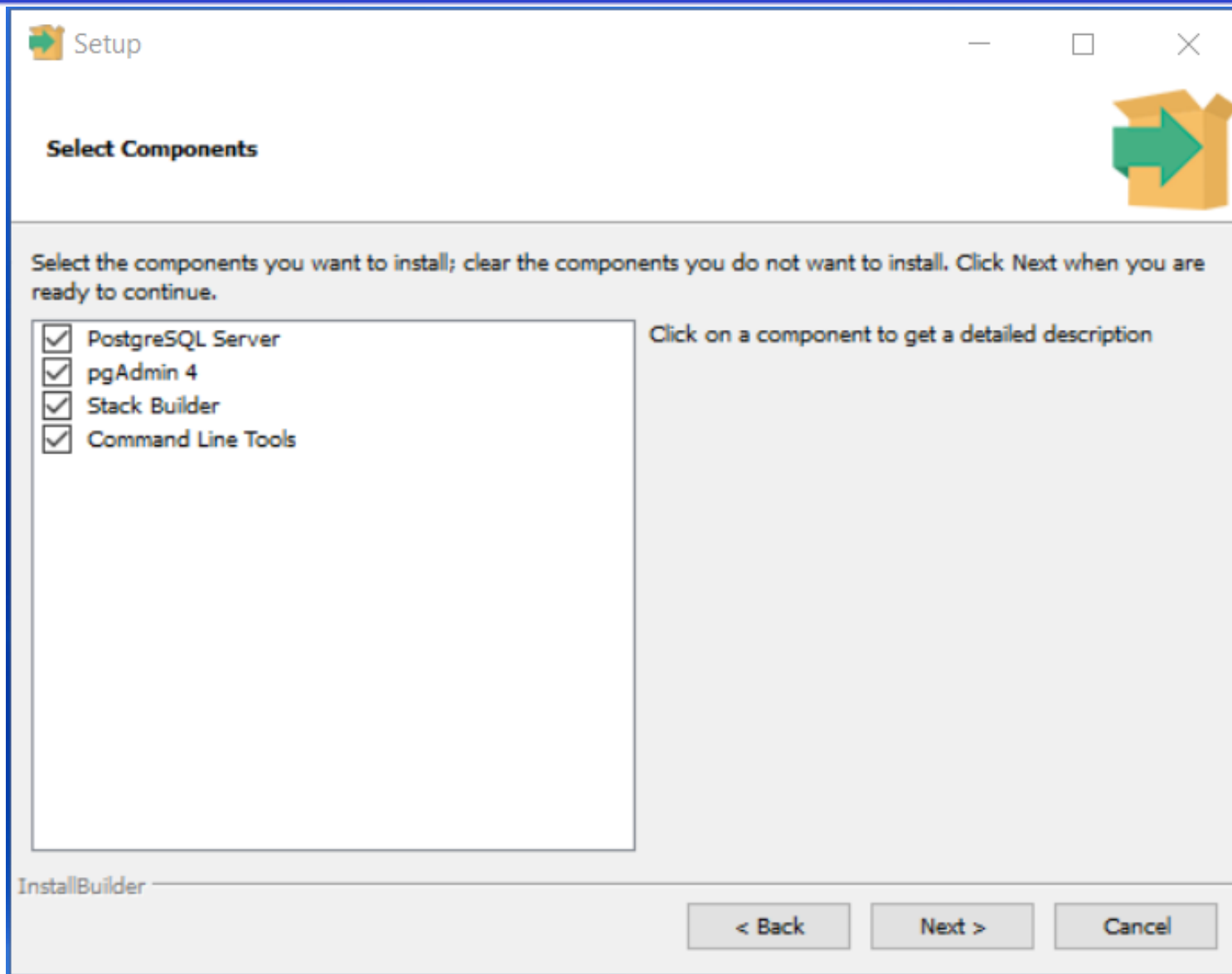


## Passo 02: escolhendo a localização da instalação

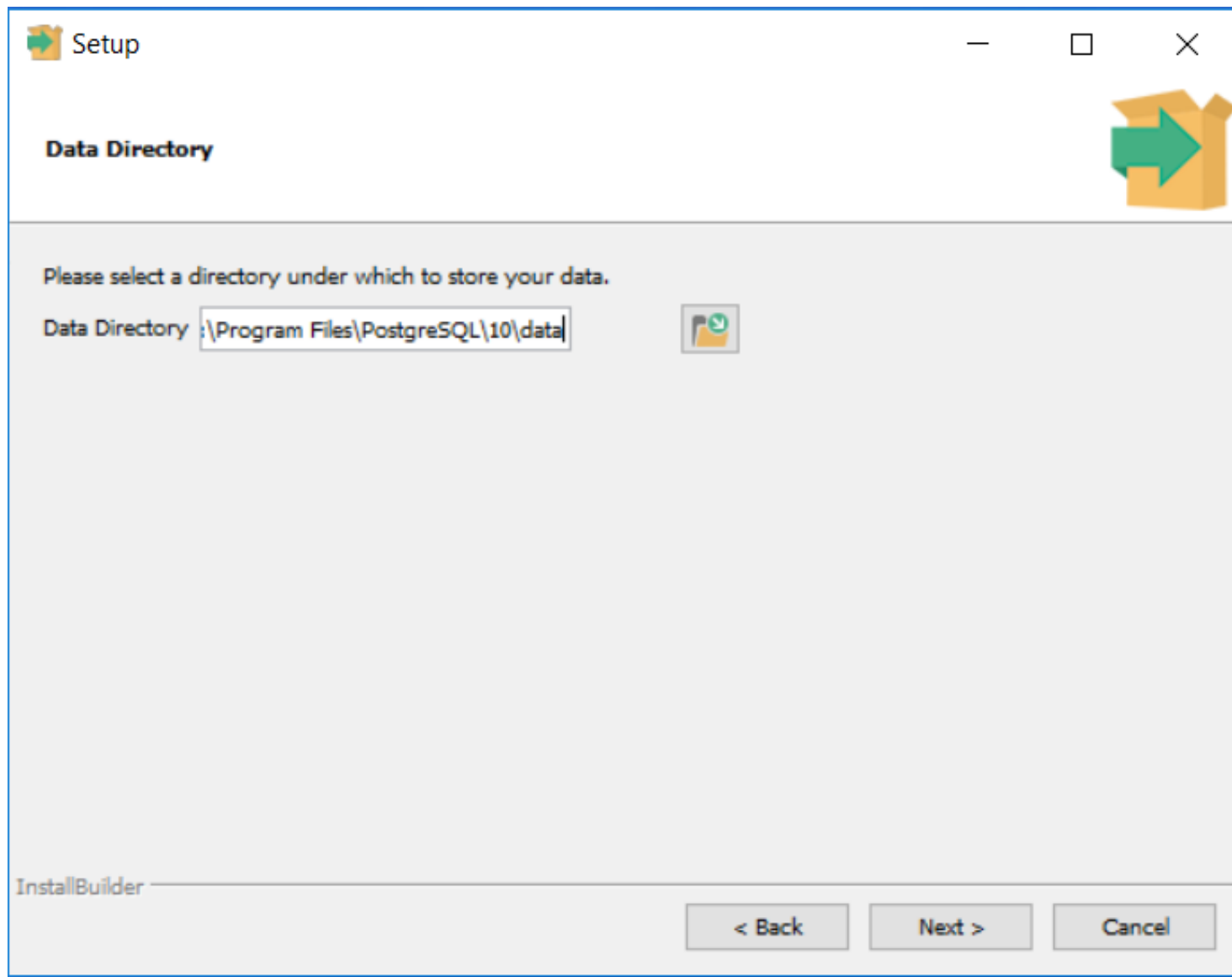




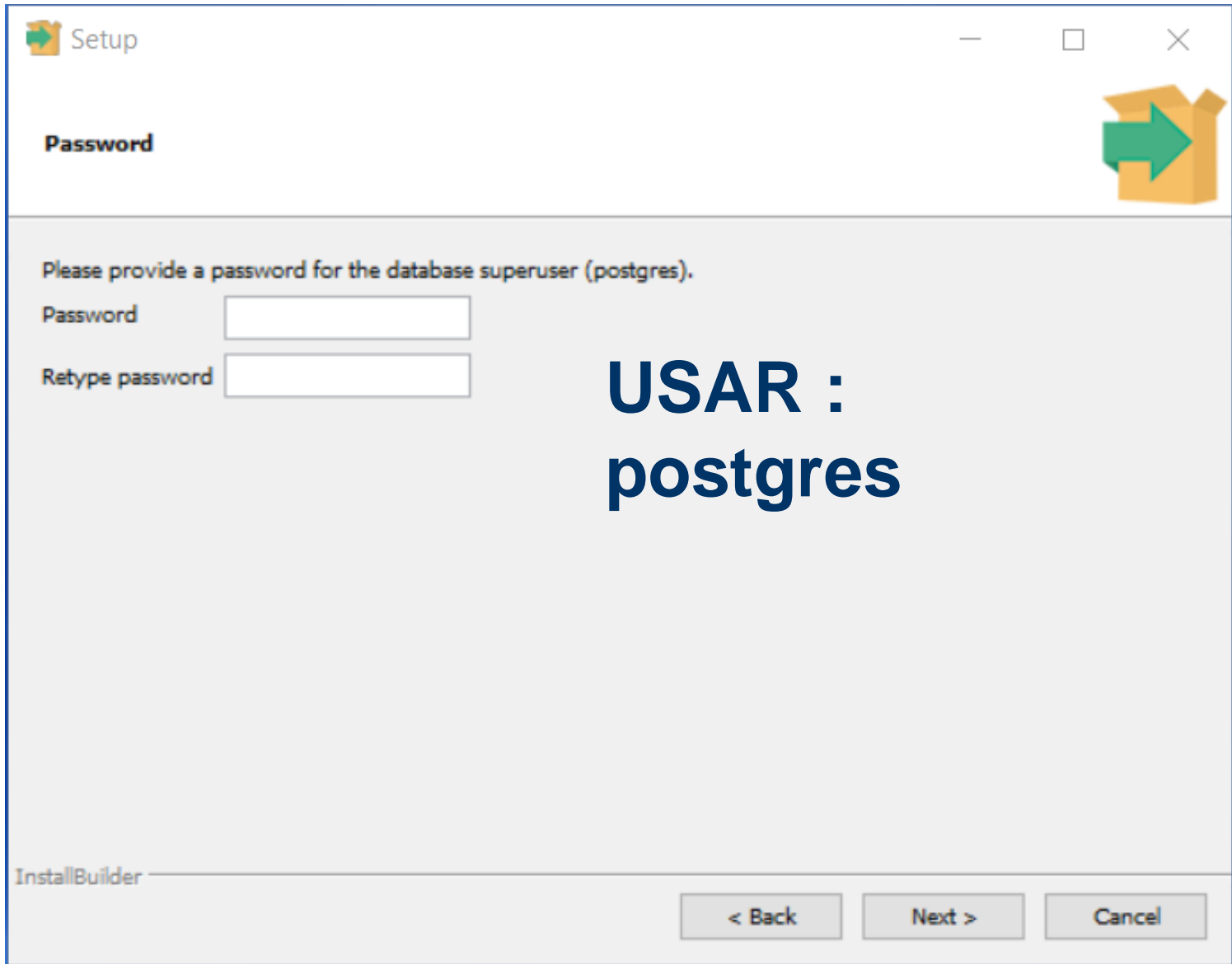
## Passo 03: manter todos componentes.



# Passo 04: local dos arquivos de dados



## Passo 05: senha do usuário postgres (super-usuário)



The screenshot shows a window titled "Setup" with a standard Windows title bar. In the top right corner, there is a large orange box with a green arrow pointing right. Below the title bar, the word "Password" is displayed. The main area contains the instruction "Please provide a password for the database superuser (postgres)." followed by two input fields: "Password" and "Retype password". At the bottom of the window, there is a status bar that says "InstallBuilder" and three buttons: "< Back", "Next >", and "Cancel".

Setup

Password

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

Password

Retype password

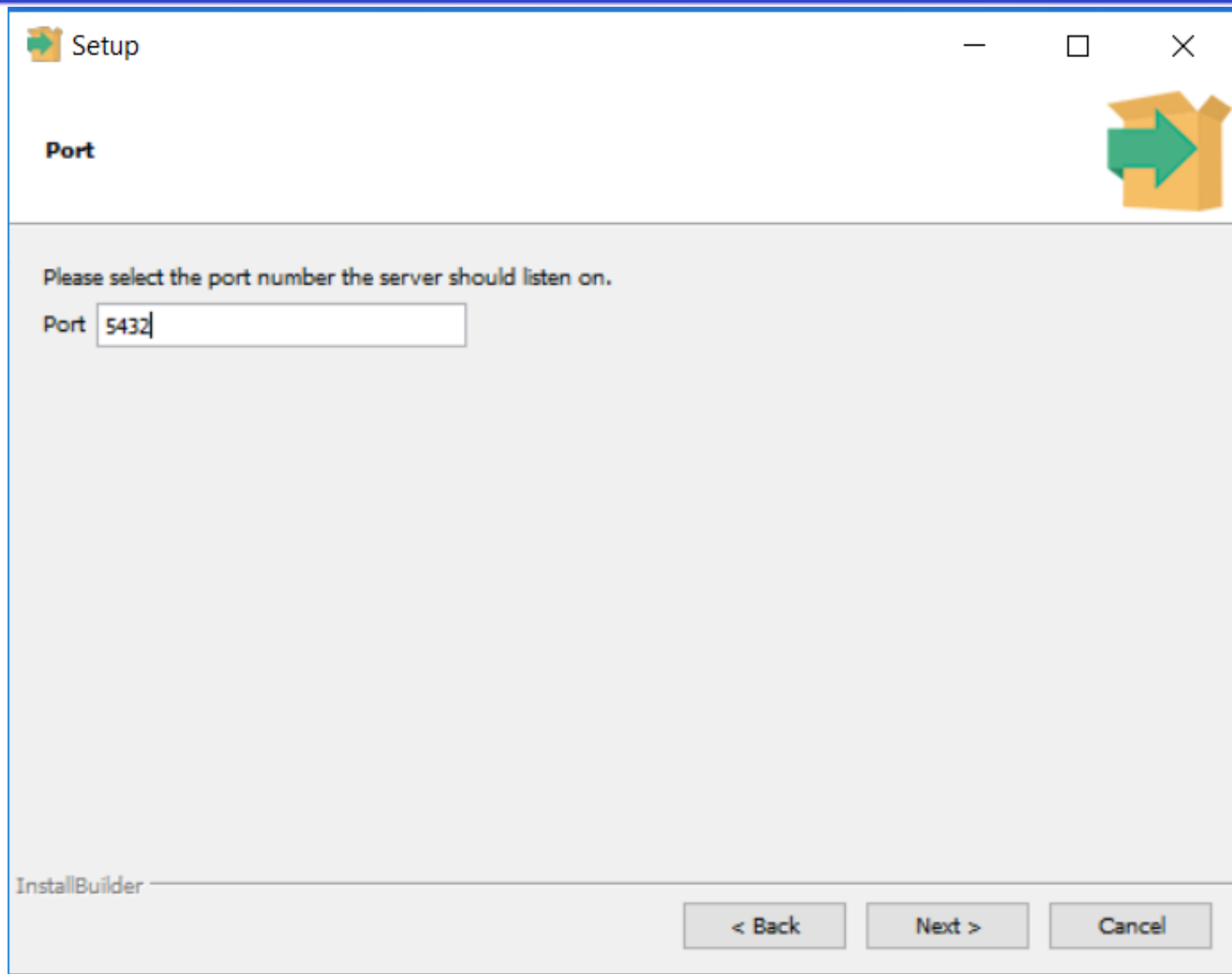
**USAR :  
postgres**

InstallBuilder

< Back Next > Cancel



## Passo 06: porta de conexão ao servidor



The image shows a Windows-style setup window titled "Setup". It has a standard title bar with minimize, maximize, and close buttons. On the right side of the window, there is a large orange box icon with a green arrow pointing to the right. The main content area is light gray and contains the text "Please select the port number the server should listen on." followed by a label "Port" and a text input field containing the number "5432". At the bottom of the window, there is a footer area with the text "InstallBuilder" on the left and three buttons: "< Back", "Next >", and "Cancel" on the right.

Setup

**Port**

Please select the port number the server should listen on.

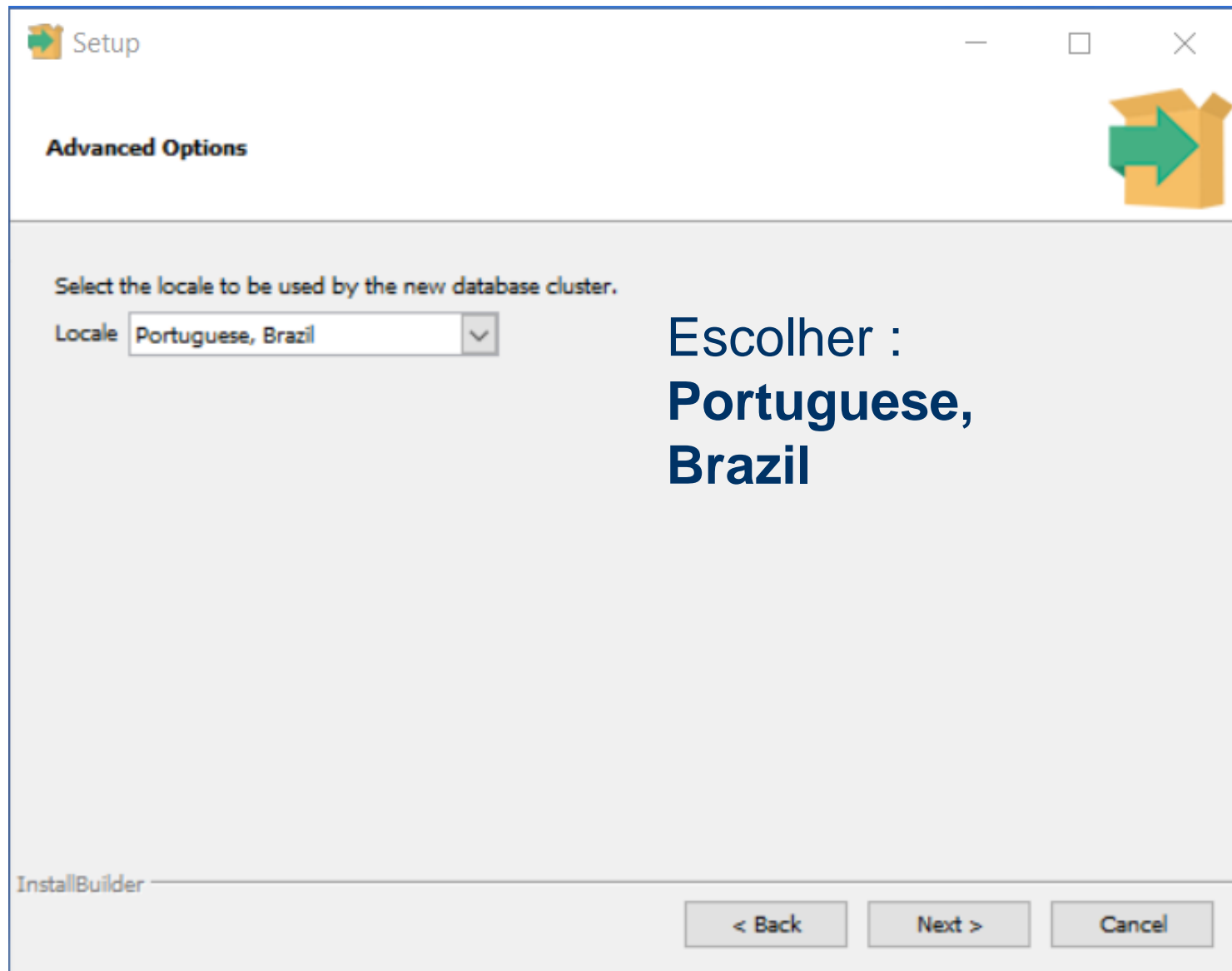
Port

InstallBuilder

< Back   Next >   Cancel



# Passo 07: configurações regionais do servidor



The screenshot shows a Windows-style window titled 'Setup' with standard minimize, maximize, and close buttons. Below the title bar, the text 'Advanced Options' is displayed next to a large green arrow pointing right, which is part of the installation wizard's navigation icons. The main content area has a light gray background and contains the instruction 'Select the locale to be used by the new database cluster.' Below this, there is a label 'Locale' followed by a dropdown menu that currently displays 'Portuguese, Brazil'. To the right of the dropdown, the text 'Escolher : Portuguese, Brazil' is written in a large, bold, dark blue font. At the bottom of the window, the text 'InstallBuilder' is visible on the left, and three buttons are aligned on the right: '< Back', 'Next >', and 'Cancel'.

Setup

Advanced Options

Select the locale to be used by the new database cluster.

Locale Portuguese, Brazil

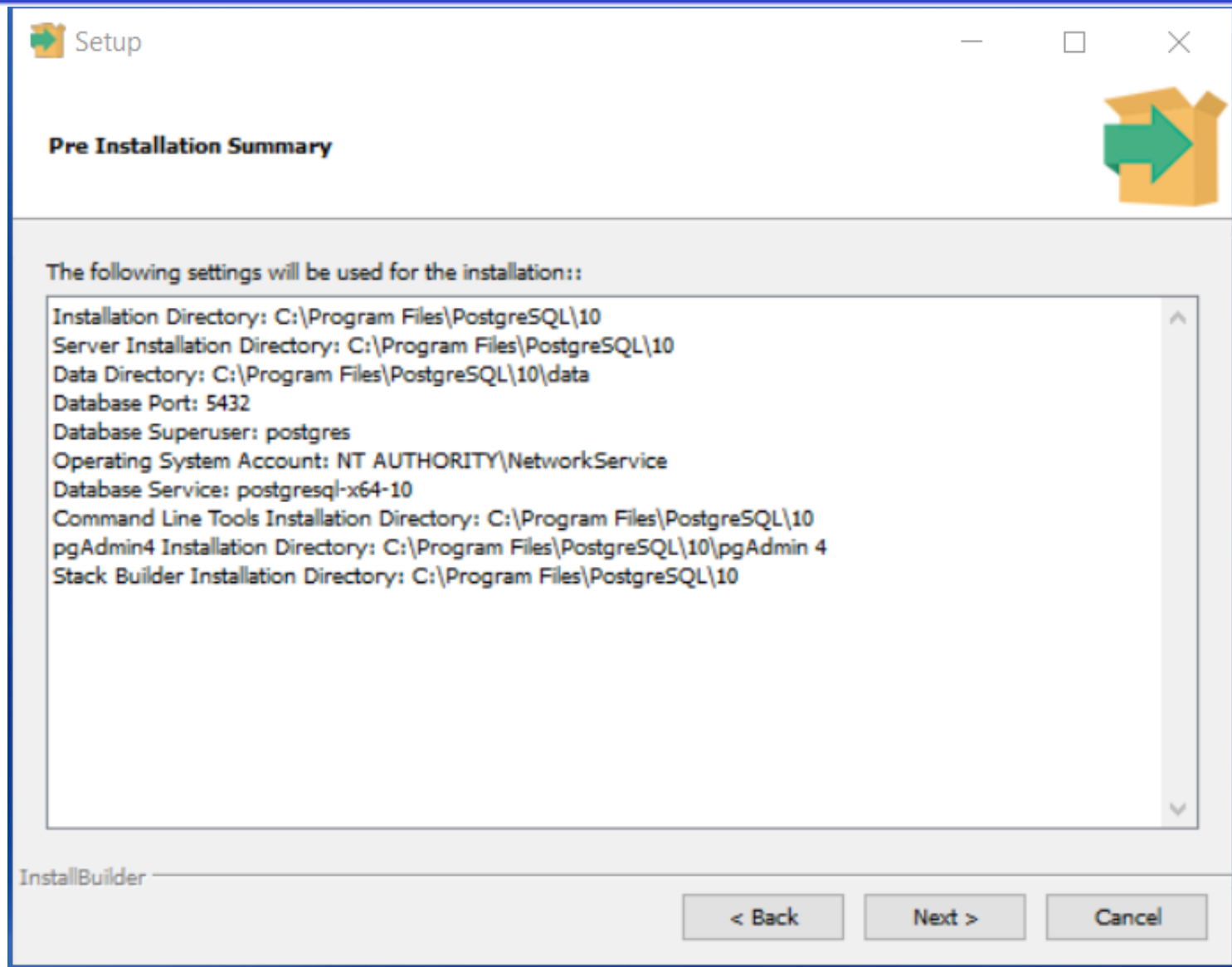
Escolher :  
Portuguese,  
Brazil

InstallBuilder

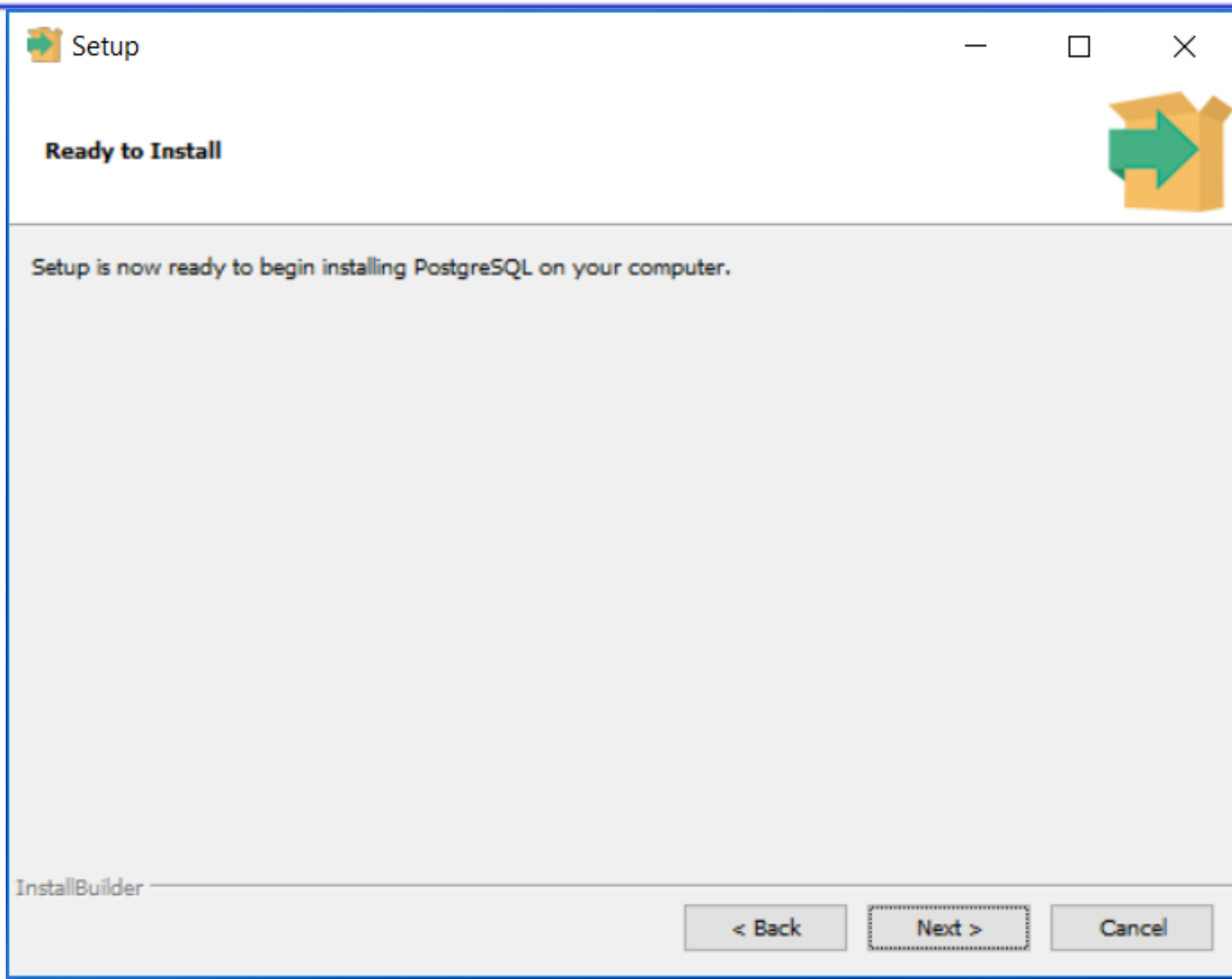
< Back Next > Cancel



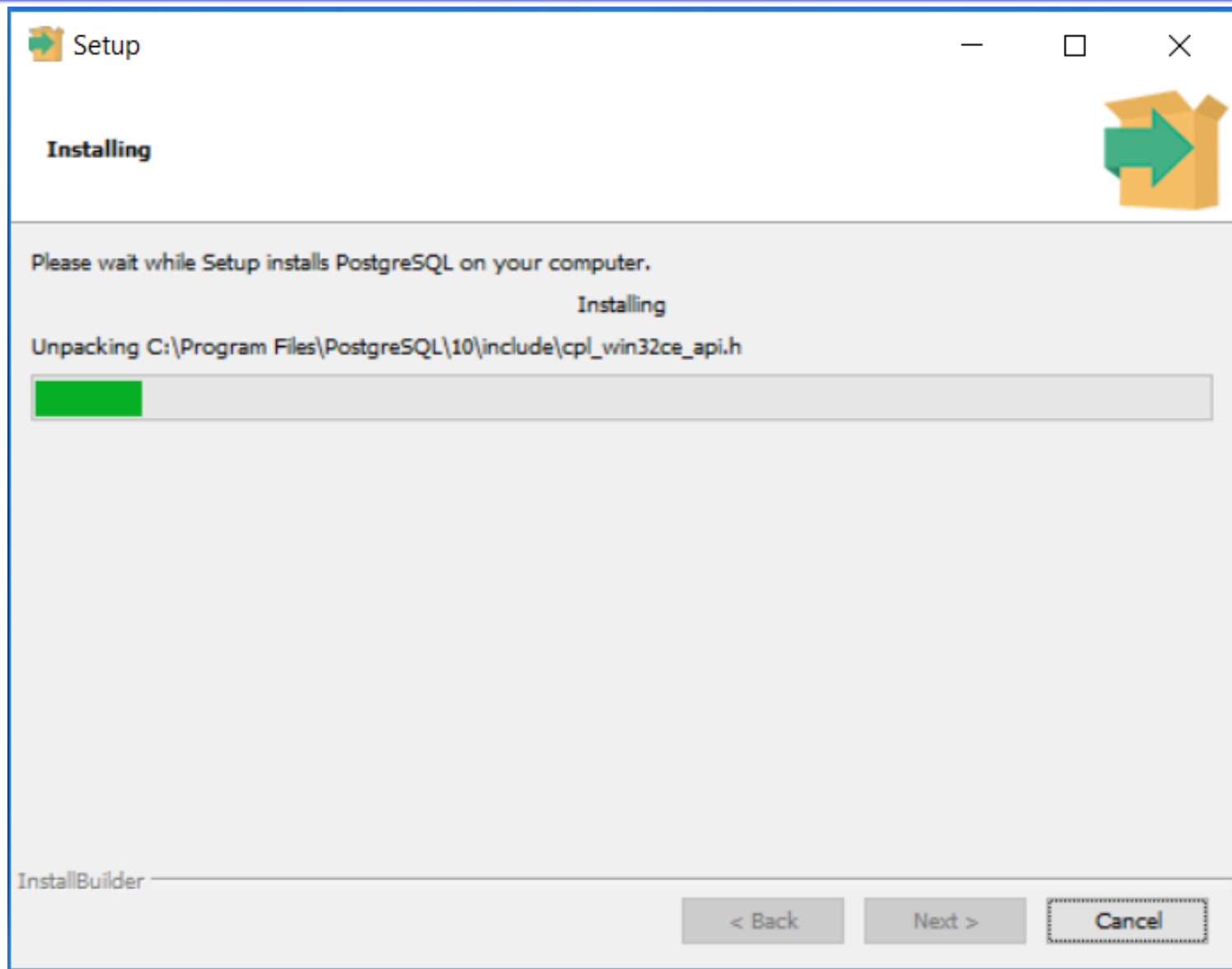
# Passo 08: confirmando a configuração



# Passo 09: pronto para instalar

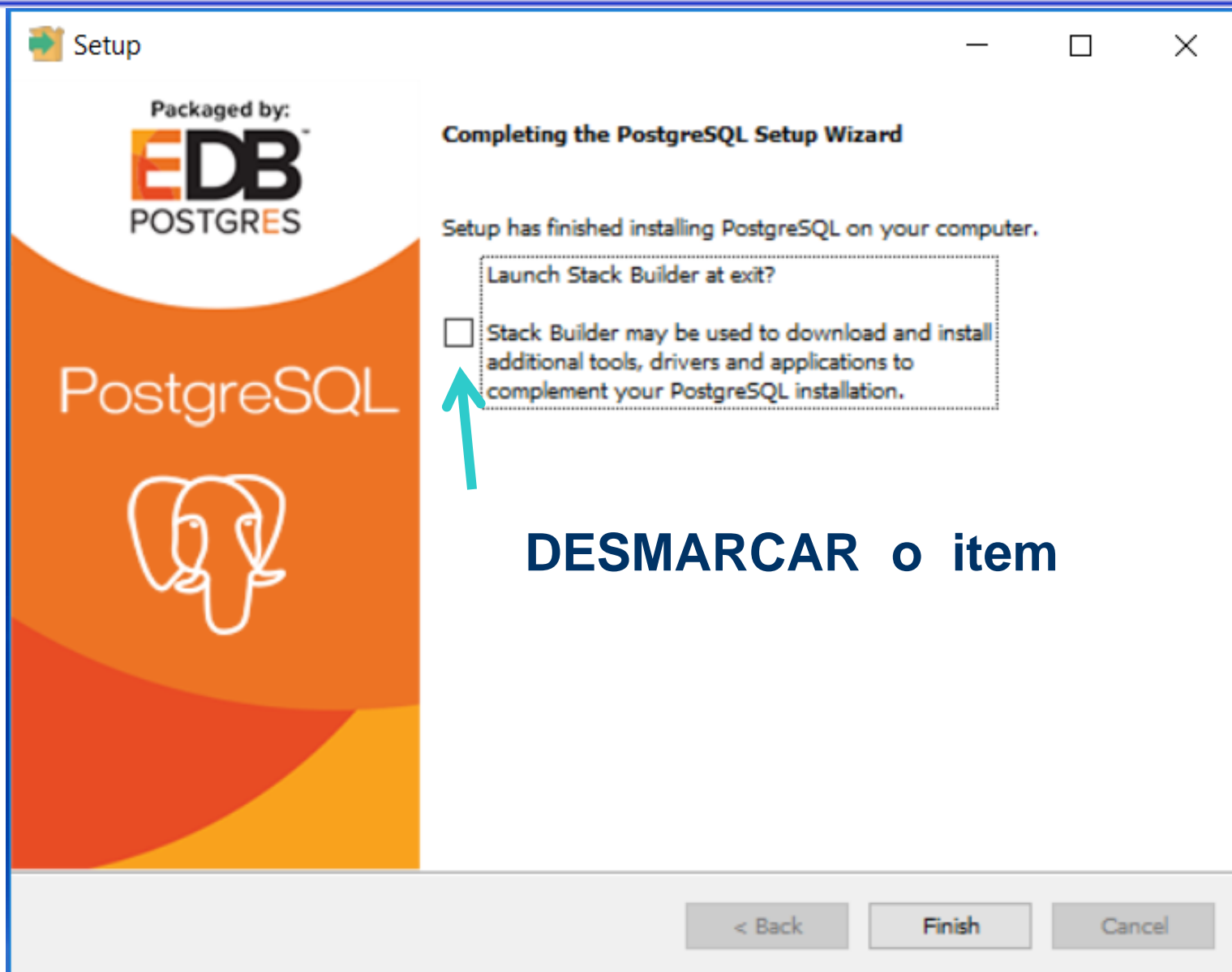


# Passo 10: instalação em progresso





# Passo 11: instalação do servidor finalizada



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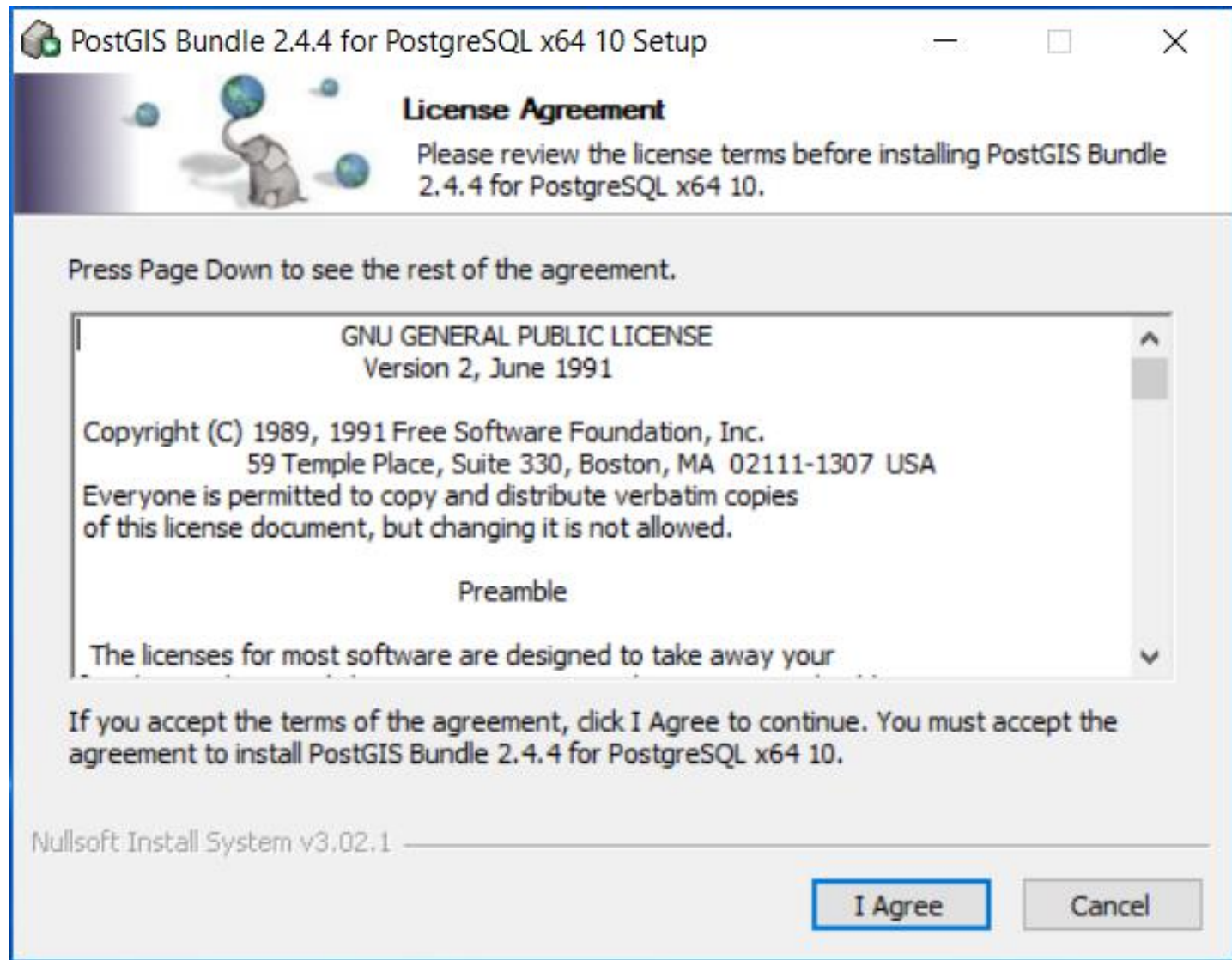
# **Instalando a extensão PostGIS**

**Arquivo para Windows:**

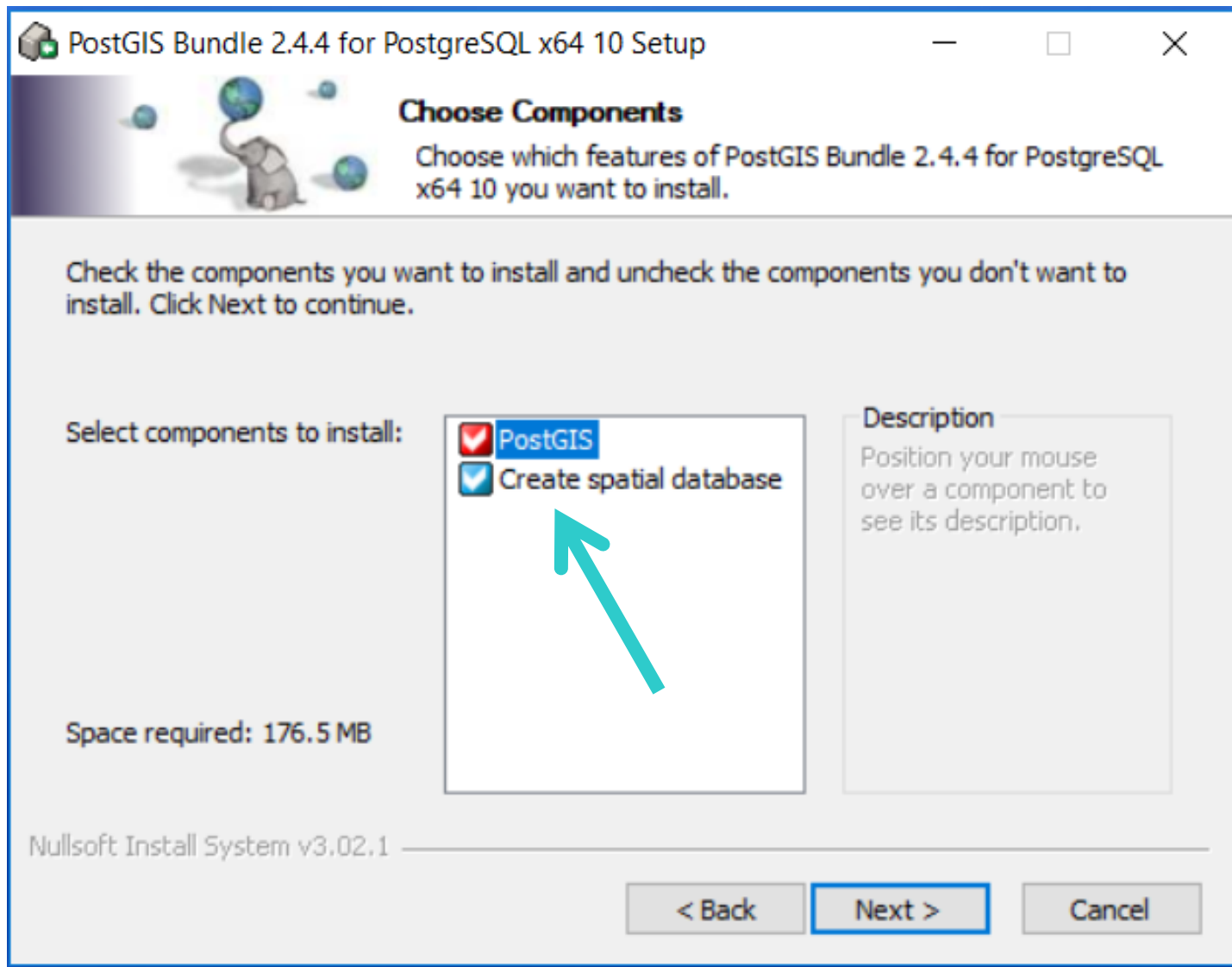
**postgis-bundle-pg10x64-setup-2.4.4-1.exe**



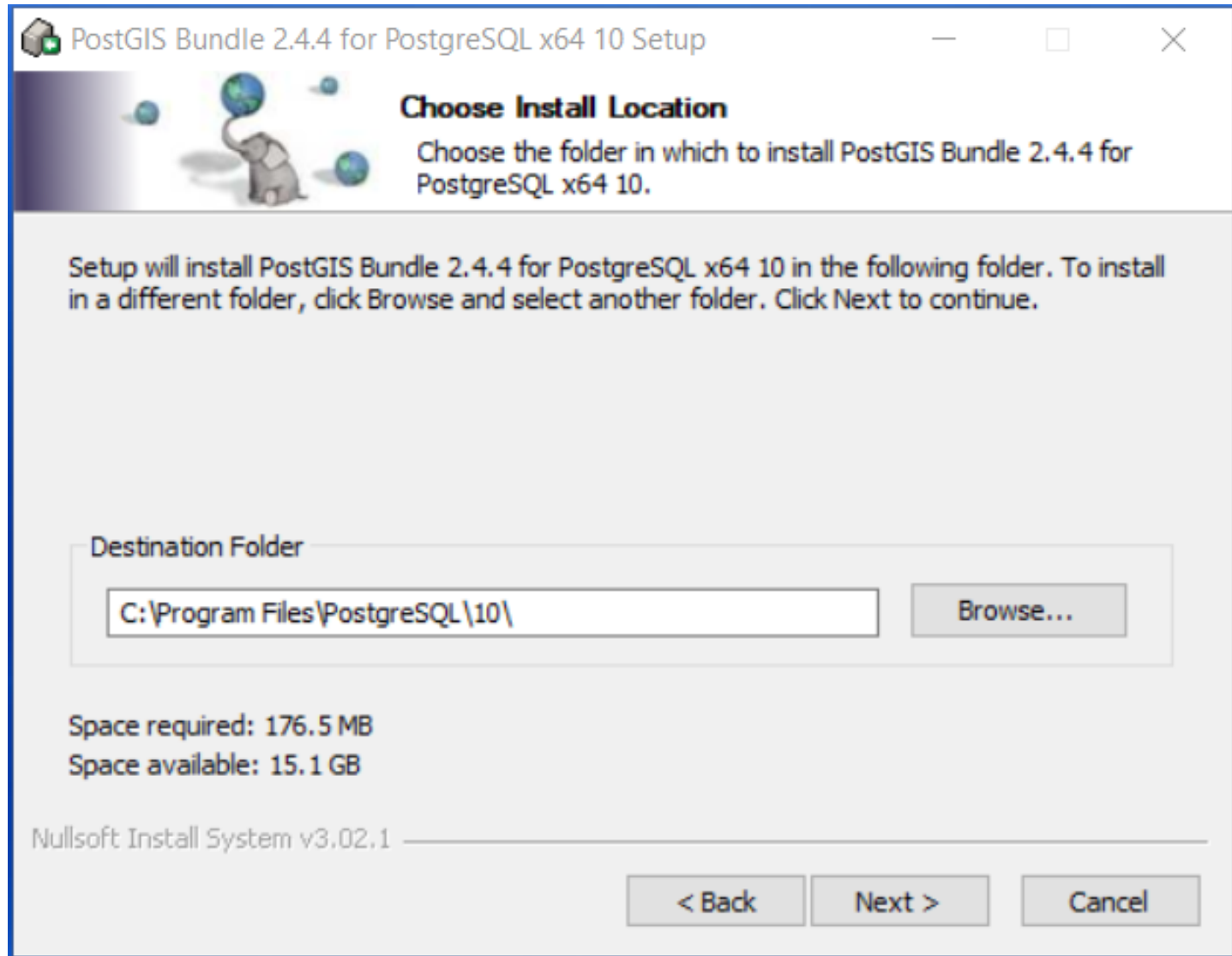
# Passo 12: aceitar a licença (GPL-2)



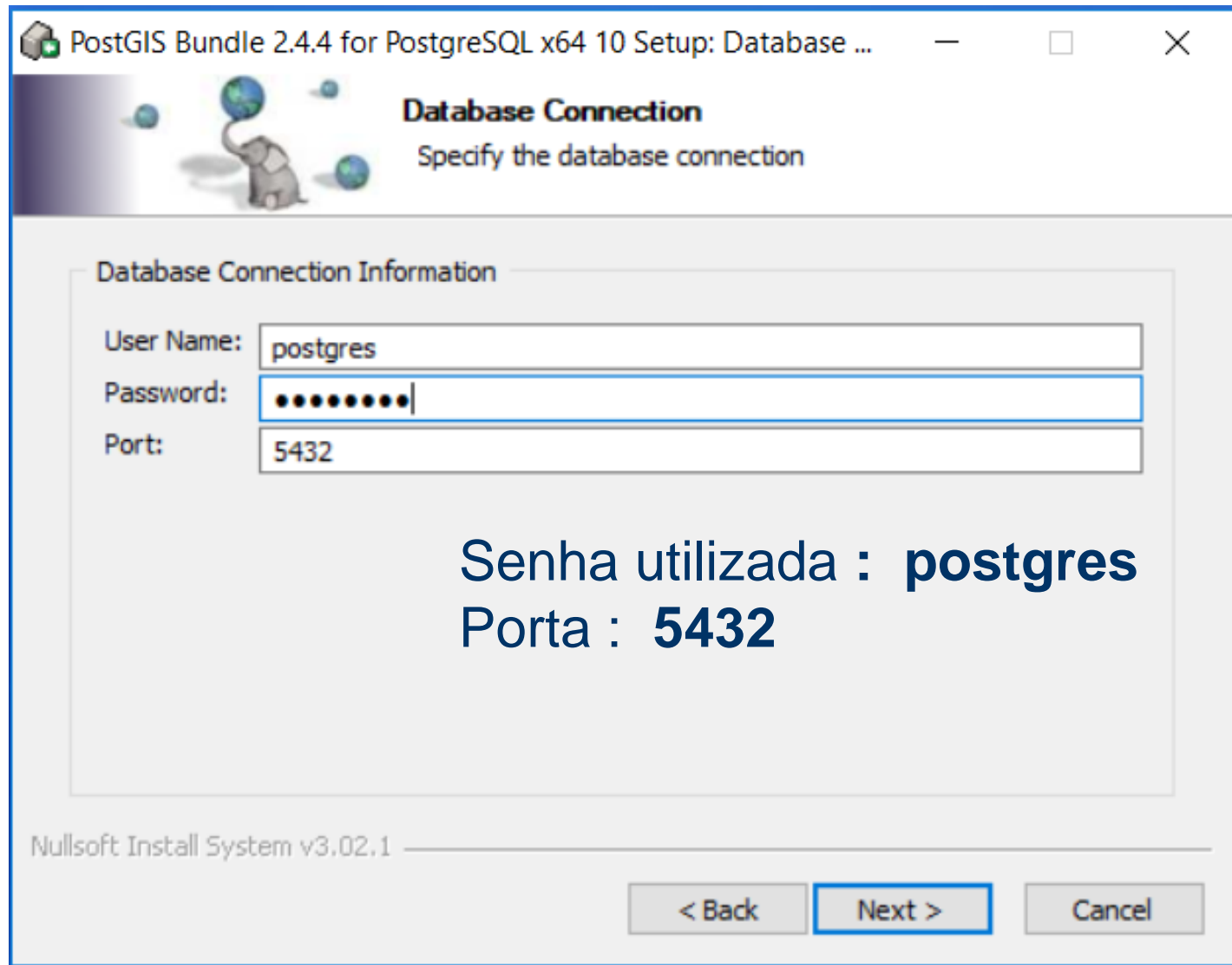
# Passo 13: bancos espaciais para molde



# Passo 14: selecionar o local da instalação



# Passo 15: informar usuário e senha do servidor PostgreSQL para instalação da extensão PostGIS



The image shows a Windows installer window titled "PostGIS Bundle 2.4.4 for PostgreSQL x64 10 Setup: Database ...". The window has a standard Windows title bar with minimize, maximize, and close buttons. Below the title bar is a header area with a graphic of an elephant and the text "Database Connection" and "Specify the database connection". The main area is titled "Database Connection Information" and contains three input fields: "User Name:" with the value "postgres", "Password:" with a masked password of ten dots, and "Port:" with the value "5432". Below these fields, the text "Senha utilizada : postgres" and "Porta : 5432" is displayed in a large, bold font. At the bottom of the window, the text "Nullsoft Install System v3.02.1" is visible. The bottom right corner contains three buttons: "< Back", "Next >" (which is highlighted with a blue border), and "Cancel".

PostGIS Bundle 2.4.4 for PostgreSQL x64 10 Setup: Database ...

**Database Connection**  
Specify the database connection

Database Connection Information

User Name: postgres

Password: ●●●●●●●●●●

Port: 5432

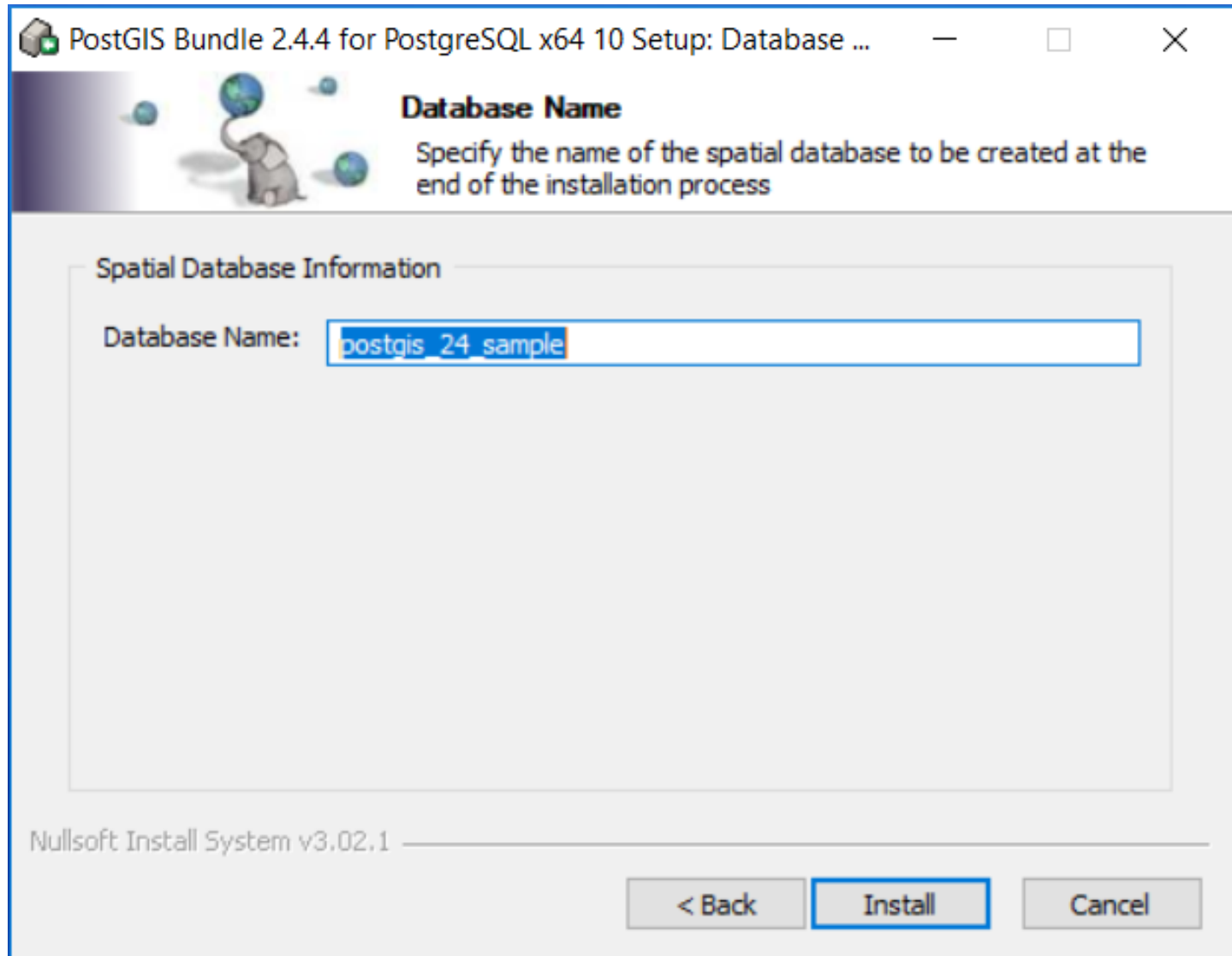
Senha utilizada : **postgres**  
Porta : **5432**

Nullsoft Install System v3.02.1

< Back Next > Cancel



# Passo 16: Nome do banco de dados com a extensão espacial habilitada



The image shows a Windows installer window titled "PostGIS Bundle 2.4.4 for PostgreSQL x64 10 Setup: Database ...". The window has a standard Windows title bar with minimize, maximize, and close buttons. Below the title bar is a header area with a decorative background featuring a stylized elephant and globe. The main content area is titled "Database Name" and contains the instruction: "Specify the name of the spatial database to be created at the end of the installation process". Below this, there is a section titled "Spatial Database Information" which contains a text input field labeled "Database Name:". The text "postgis\_24\_sample" is entered into this field. At the bottom of the window, there is a status bar that reads "Nullsoft Install System v3.02.1". To the right of the status bar are three buttons: "< Back", "Install", and "Cancel". The "Install" button is highlighted with a blue border.

PostGIS Bundle 2.4.4 for PostgreSQL x64 10 Setup: Database ...

**Database Name**

Specify the name of the spatial database to be created at the end of the installation process

Spatial Database Information

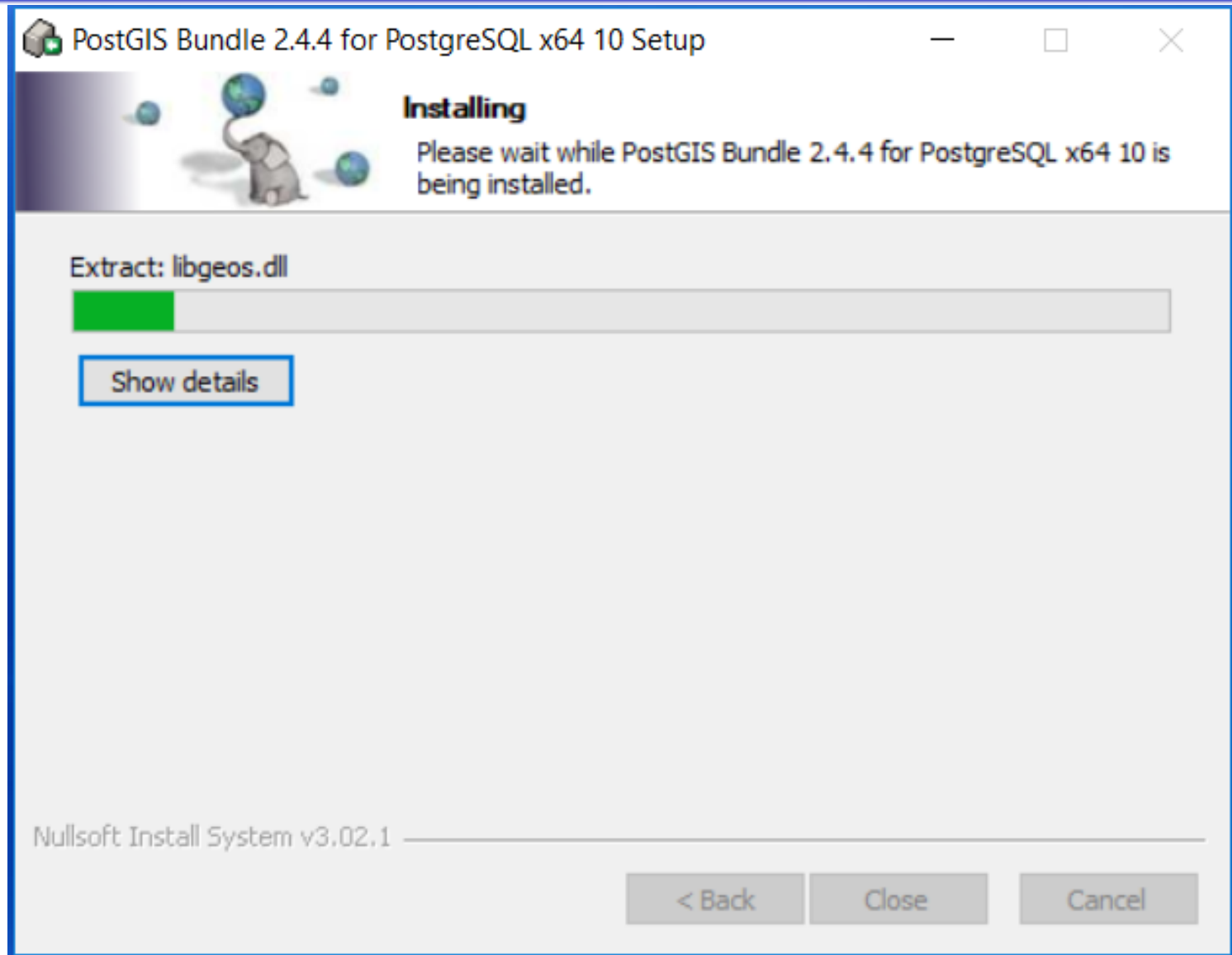
Database Name:

Nullsoft Install System v3.02.1

< Back Install Cancel

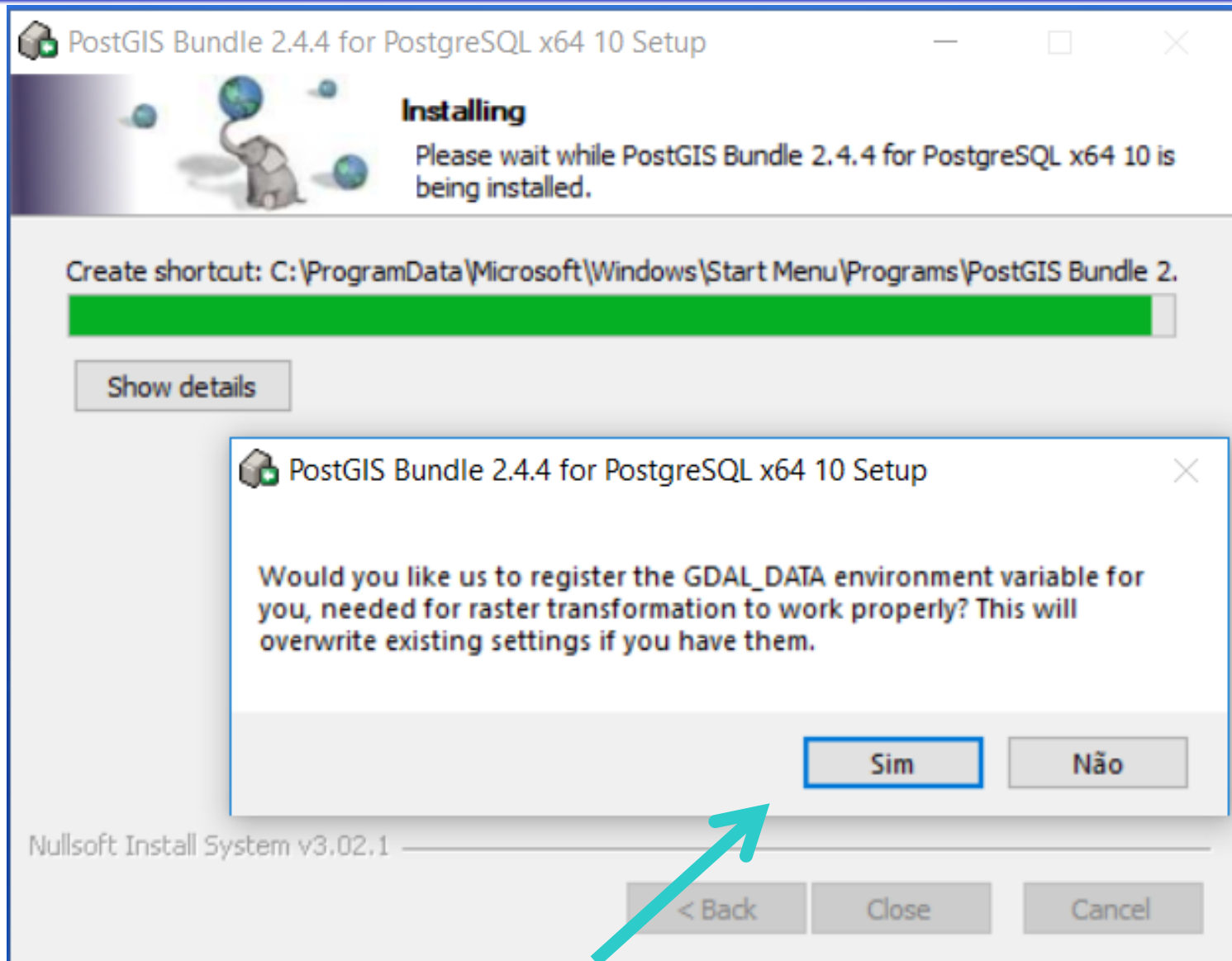


# Passo 17: progresso da instalação do PostGIS

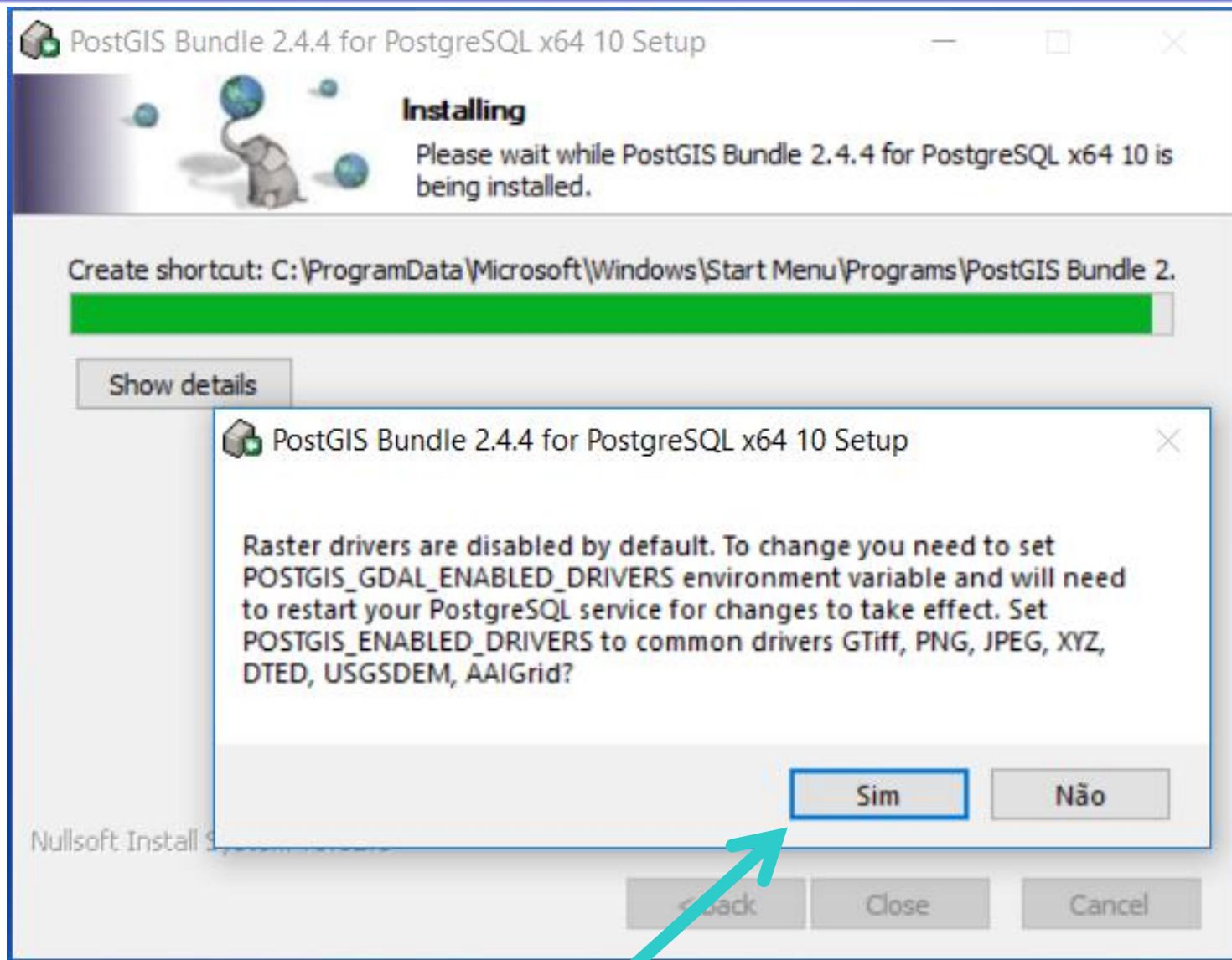




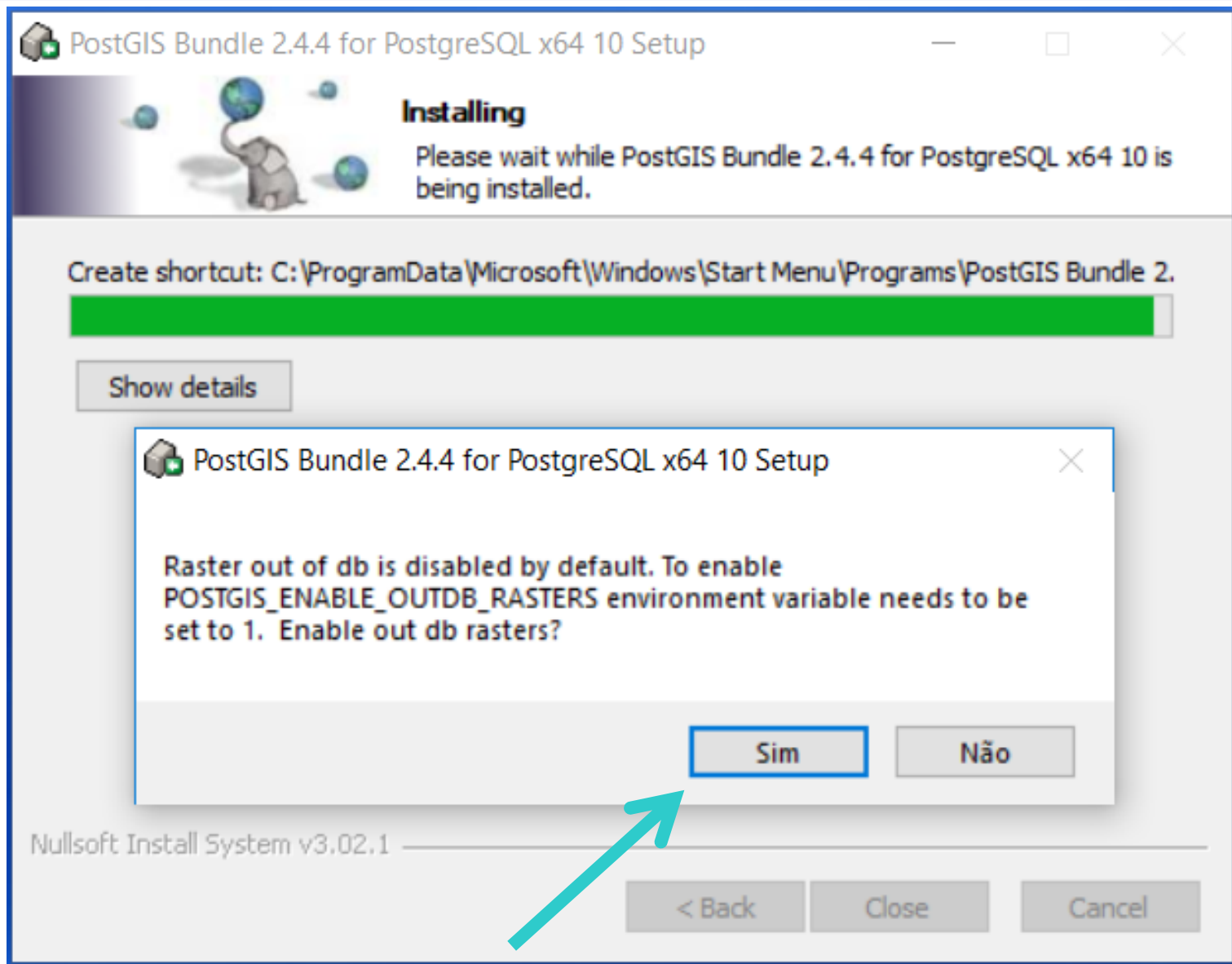
# Passo 18: variável de ambiente GDAL\_DATA



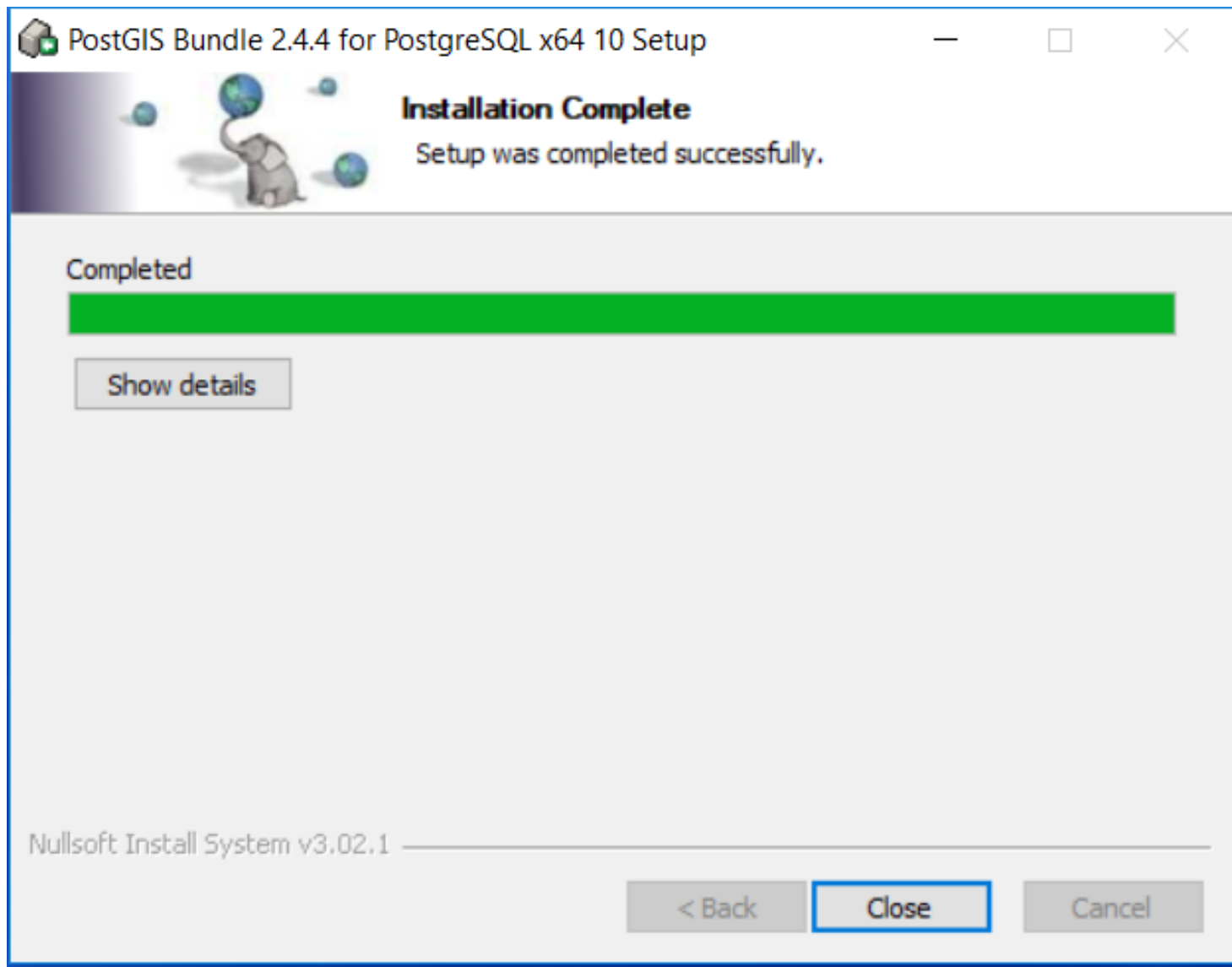
# Passo 19: drive raster PostGIS GDAL



## Passo 20: habilita saída raster do banco



## Passo 21: instalação da extensão PostGIS finalizada



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# **Instalando o Notepad++**

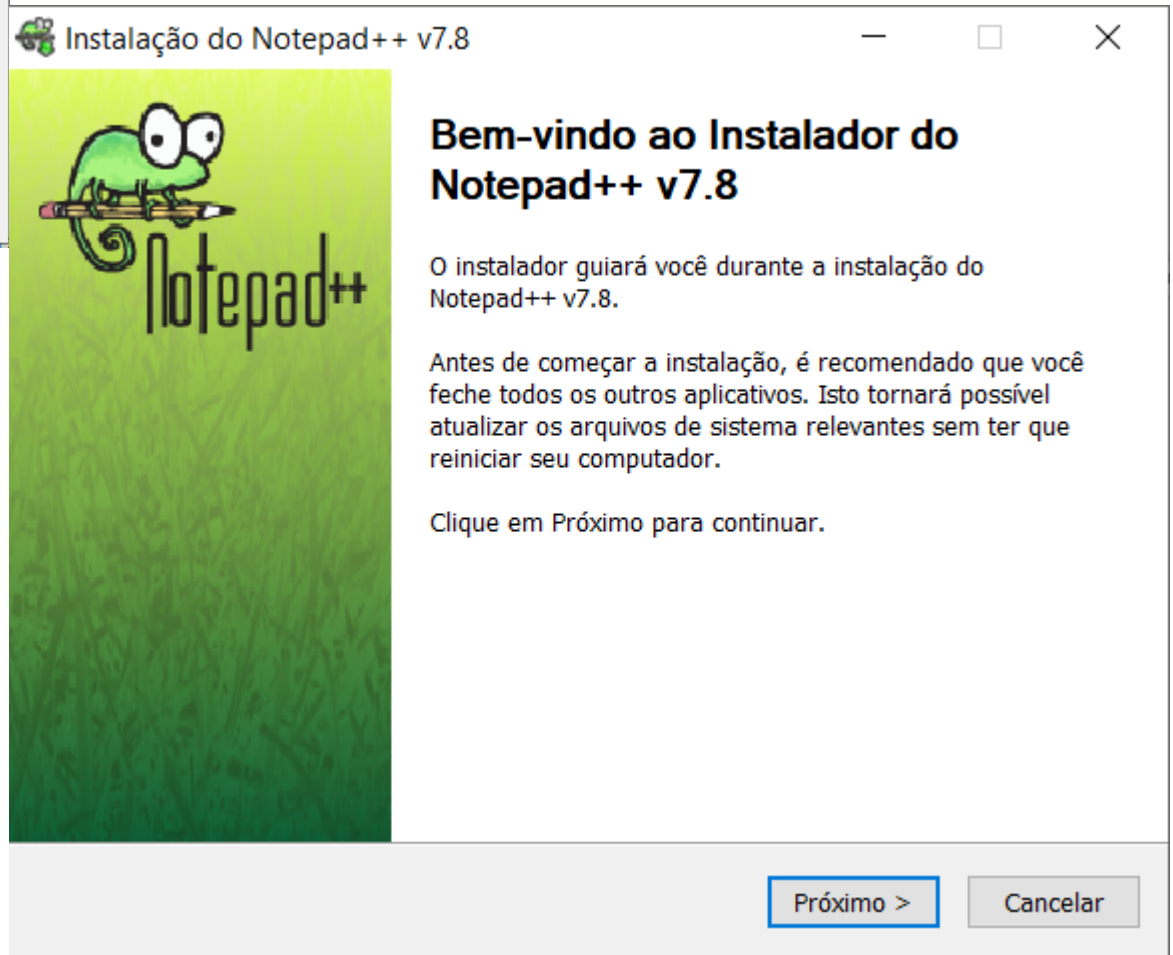
Arquivo para Windows:

**npp.7.8.Installer.x64.exe**

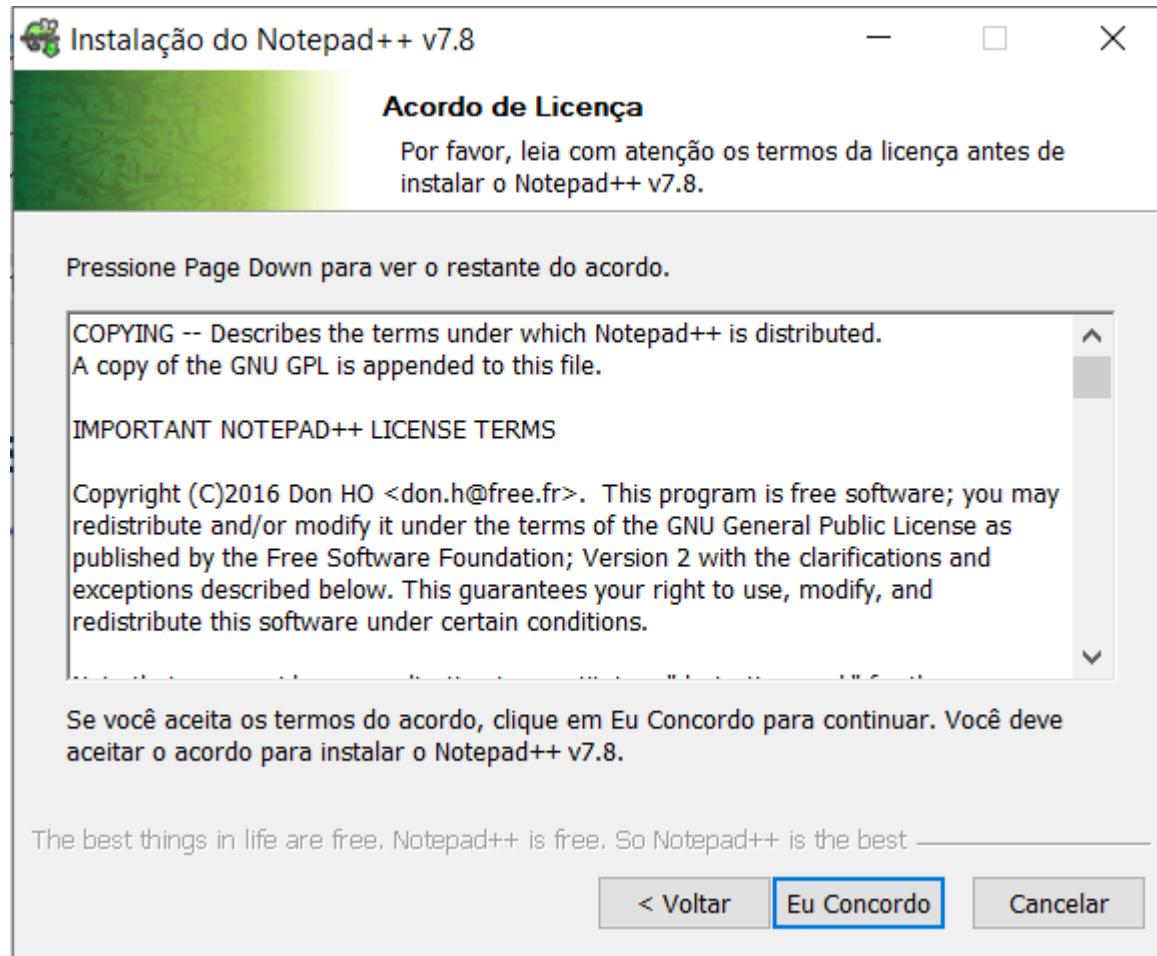
**\* Se tiver outro editor de texto instalado de sua preferência, não necessita instalar este programa.**



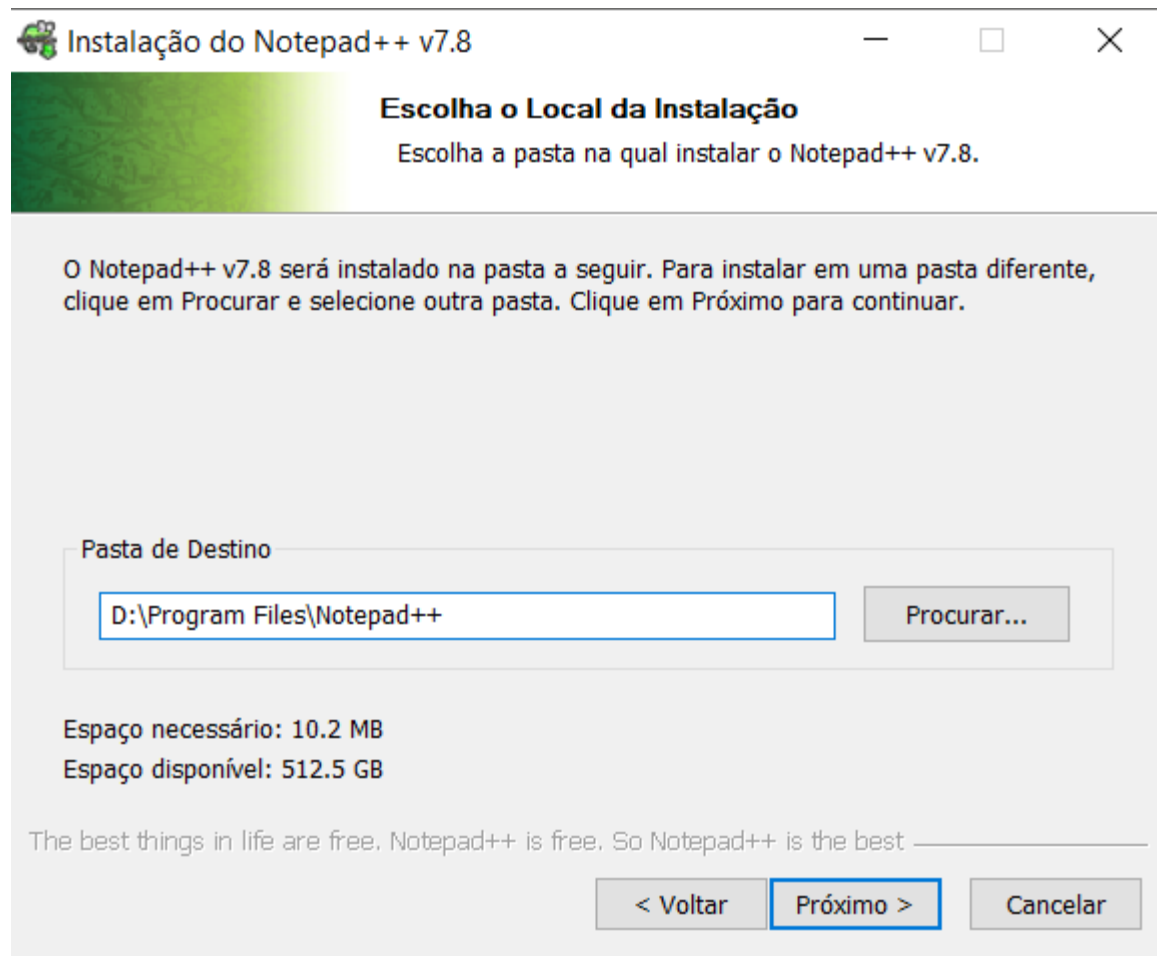
# Passo 01: janela de boas vindas do instalador



# Passo 02: Acordo de licença

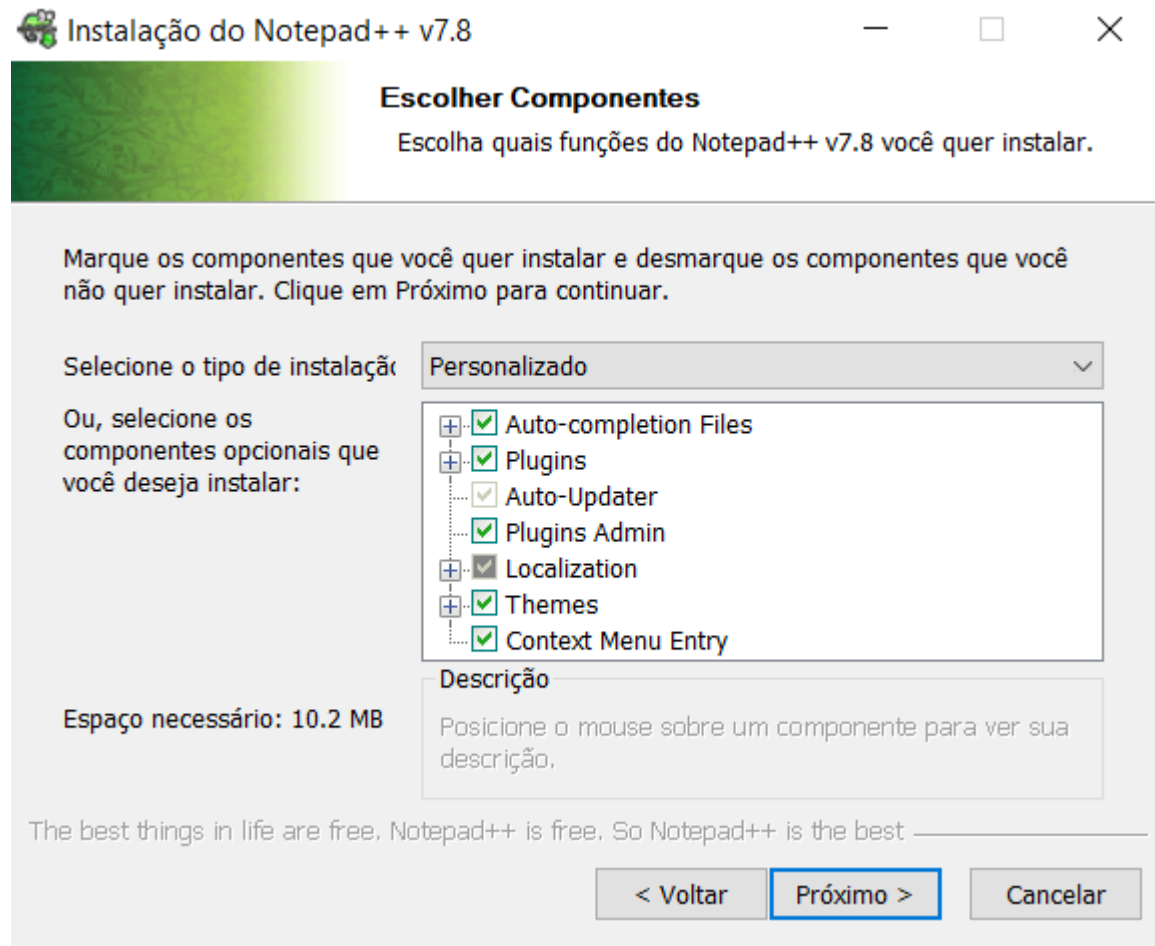


# Passo 03: Local de Instalação

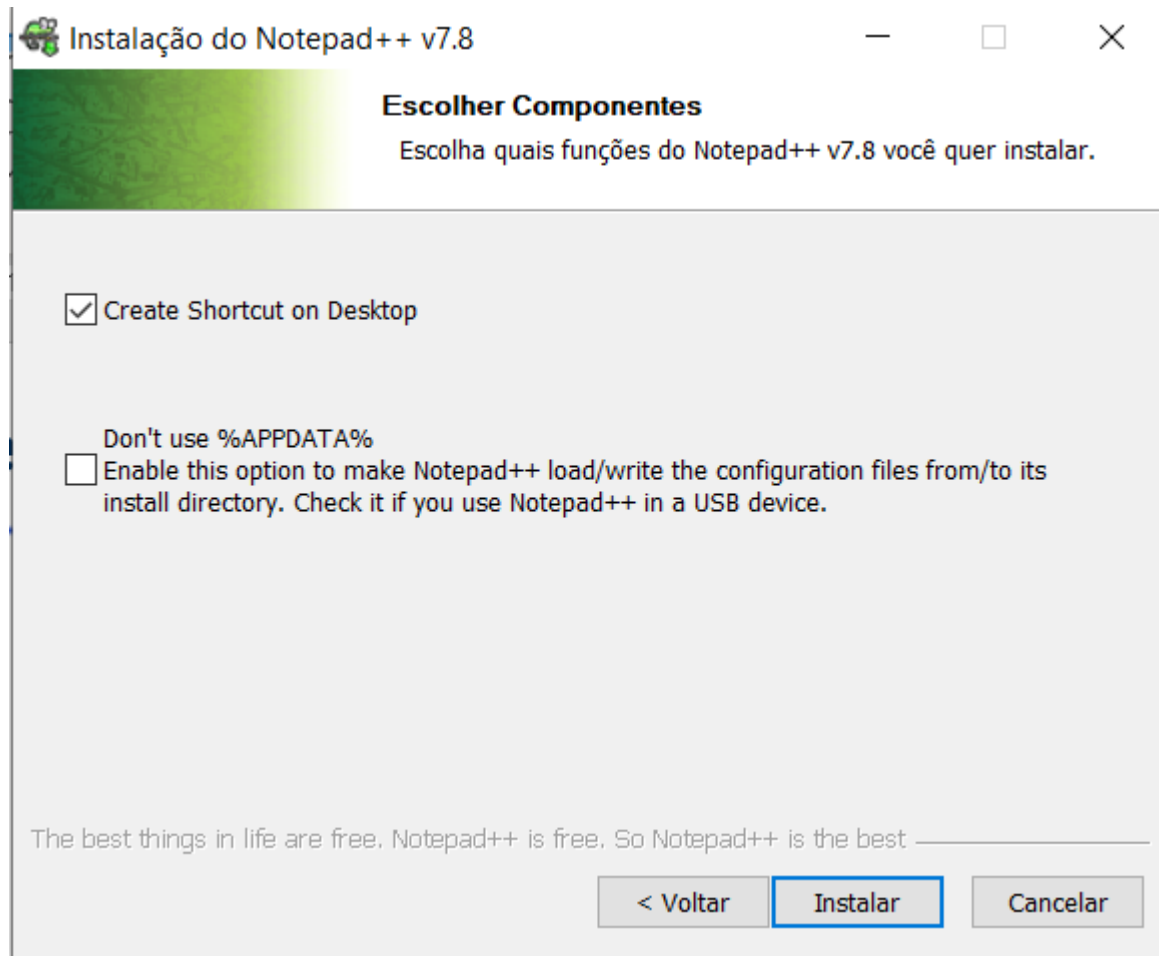




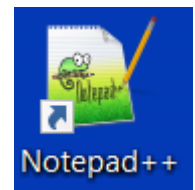
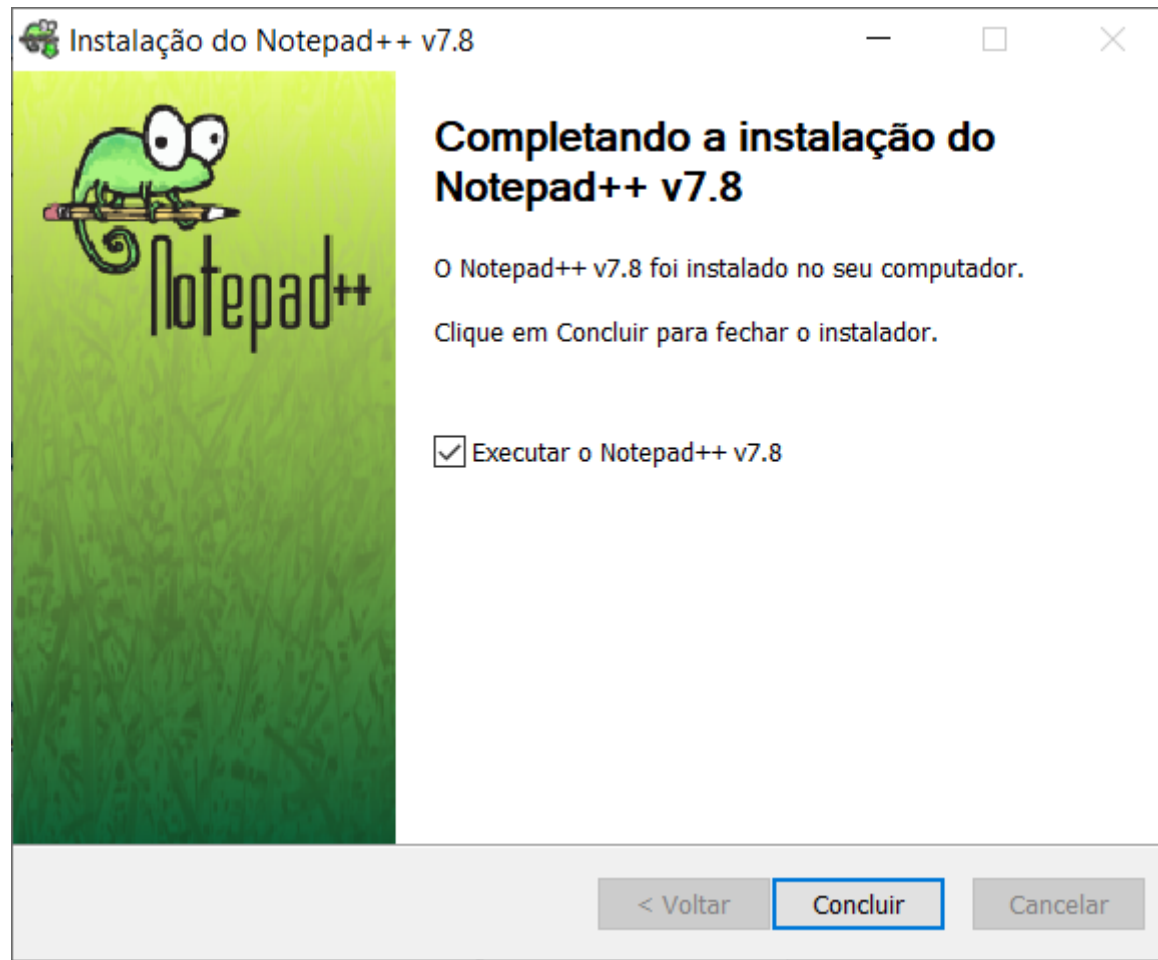
# Passo 04: Escolher Componentes



# Passo 05: Escolher Componentes

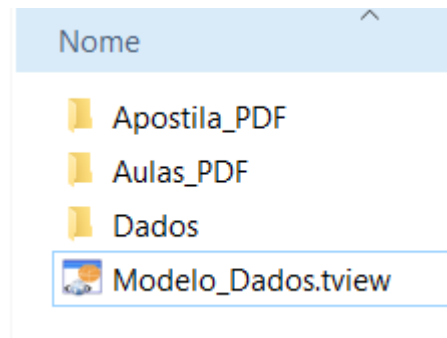


# Passo 06: Final da instalação



# Instalar os dados para o curso - Windows

- Dados do curso – arquivo “**Curso\_FGeo\_TView5.zip**”
  - Descomprimir o arquivo na raiz da unidade C:/
  - A pasta “Curso\_Fgeo” será criada com o seguinte conteúdo



\* Caso utilize outra unidade (D:/ ) ou mesmo outros diretórios, considere estes caminhos iniciais para todos os exercícios.



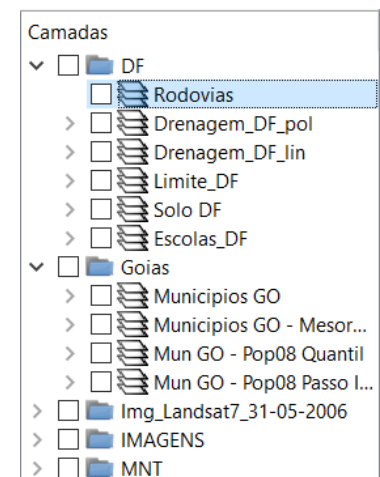
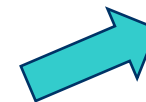
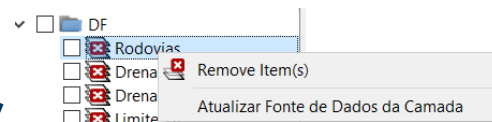
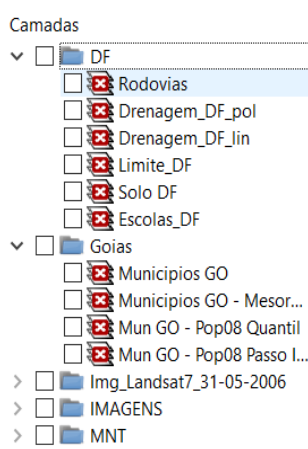
# IMPORTANTE : Dados instalados em outros locais

## DICA : Somente para o Exercício 1.1

O arquivo de projeto do TerraView armazena o caminho absoluto para os mapas (arquivos vetoriais ou matriciais) que estarão associados às camadas.

O arquivo “Modelo\_Dados.tvview” supõem que os dados foram descomprimidos em C:/.

Se instalar os dados em outro local terá de corrigir os caminhos de todas as camadas desse projeto.



# Cursos Online SELPER



Fim

Procedimentos Iniciais