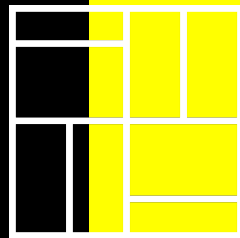




DATABASES FUNDAMENTALS

PostgreSQL - Instalação



PostgreSQL - Instalação

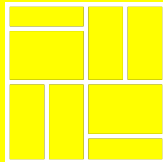
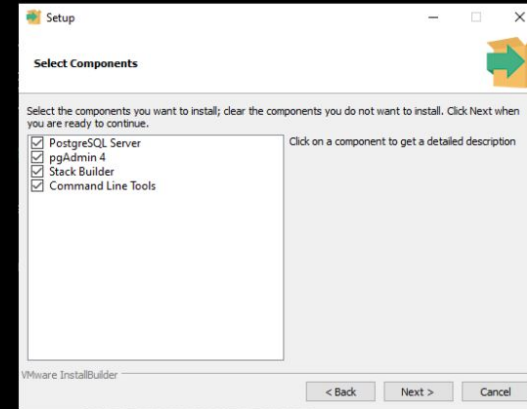


<https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>

- <https://www.postgresql.org/>
- <https://www.postgresql.org/download/>
- Versão 16 (ou última versão)
- Grava a tua password!
- Port: 5432
- Grava o sumário de pré-instalação:

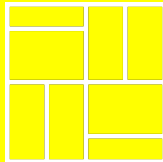
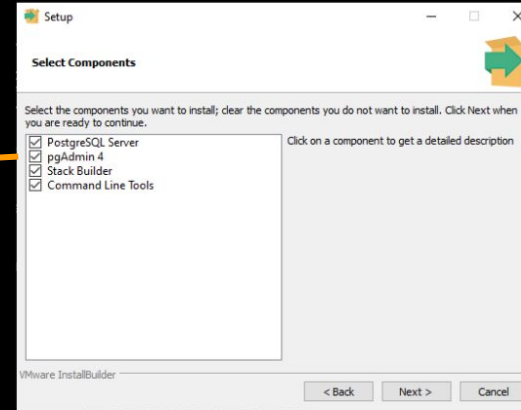
The following settings will be used for the installation::

```
Installation Directory: C:\Program Files\PostgreSQL\14
Server Installation Directory: C:\Program Files\PostgreSQL\14
Data Directory: C:\Program Files\PostgreSQL\14\data
Database Port: 5432
Database Superuser: postgres
Operating System Account: NT AUTHORITY\NetworkService
Database Service: postgresql-x64-14
Command Line Tools Installation Directory: C:\Program Files\PostgreSQL\14
pgAdmin4 Installation Directory: C:\Program Files\PostgreSQL\14\pgAdmin 4
Stack Builder Installation Directory: C:\Program Files\PostgreSQL\14
Installation Log: C:\Users\Administrator\AppData\Local\Temp\install-postgresql.log
```



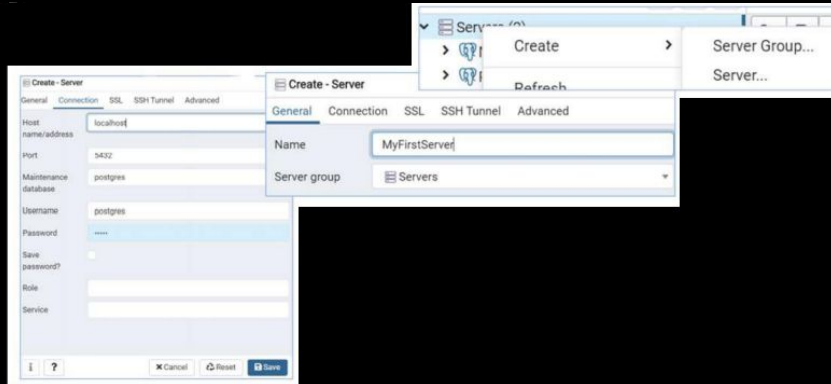
PostgreSQL - Instalação

- Nestes vistos vão abrir várias caixas.
- Só tem que fazer um visto na opção do postgres que seleccionaram inicialmente (apenas em uma opção)
- Depois é só clicar next até ao fim



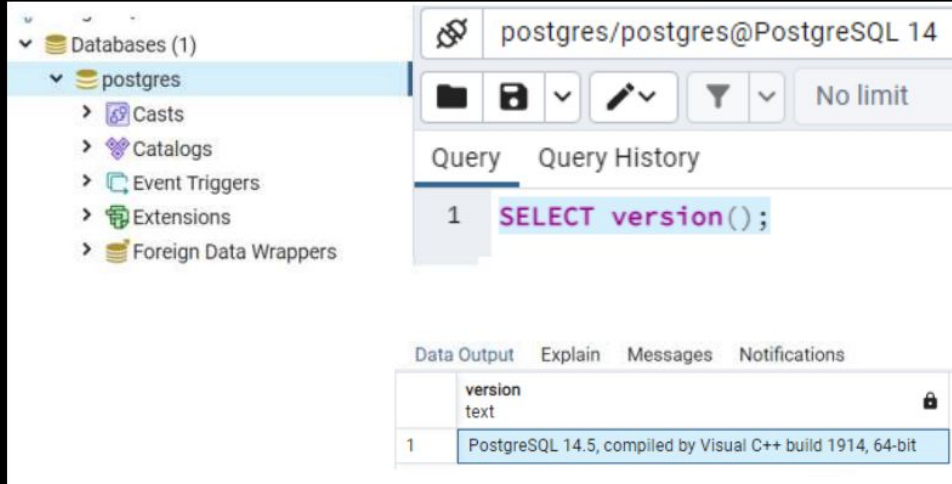
PostgreSQL - Instalação

- Abre o pgAdmin – C:\Program Files\PostgreSQL\16\pgAdmin 4\bin
- Se não existir nenhum server, cria um:
- Right-click em servers\create\server
- Preenche



PostgreSQL - Instalação

- Right-click em Database (1)\query tool
- Executa a query: `SELECT version();`



The screenshot displays the PostgreSQL query tool interface. On the left, the 'Databases (1)' tree shows the 'postgres' database selected. The main area shows the 'Query' tab with the query `SELECT version();` entered. Below the query, the 'Data Output' tab shows the result of the query: 'PostgreSQL 14.5, compiled by Visual C++ build 1914, 64-bit'.

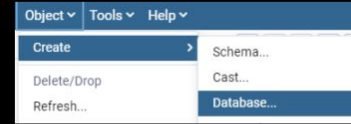
version
PostgreSQL 14.5, compiled by Visual C++ build 1914, 64-bit

Base de dados

PostgreSQL - Criar BD

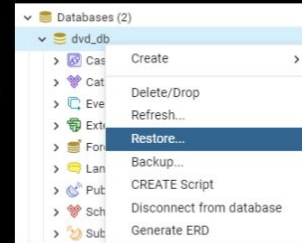
- 1. Faz download da BD: [DVD Rental Sample Database](#)
- 2. Extrai a BD (.tar) do ZIP fornecido
- 3. Clica em Object\Create\Database
- 4. Dá-lhe um nome, como “dvd_db” e guarda
- 5. Right-click em dvd_db\restore
- 6. Em file name, coloca o caminho para o .tar da BD
- 7. Carrega em Restore
- 8. Valida que consegues ver as 15 tabelas
- 9. Explora 😊

3.

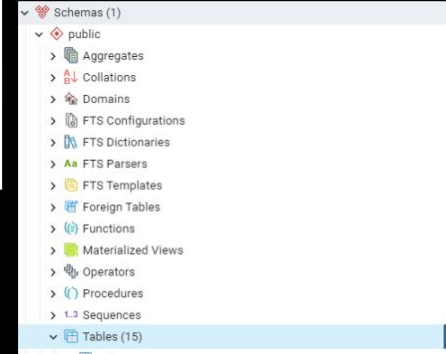


e

5.



8.



Base de dados

PostgreSQL - Criar BD

Caso não funcione ir a:

File\Preferences\Paths\Binary paths

e na parte da janela “PostgreSQL Binary Path”

ir à versão instalada e no símbolo “pasta”

colocar o caminho para o bin.

Depois fazer refresh em tudo e a seguir o restore

