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Informática - SOR2 - Taveira

## Etapa 1 - Clone do Repositório Git, Instalação do Docker Compose, DBeaver e Inicialização do Serviço Postgres

```
Terminal - abraaorodrigues@abraaorodrigues: ~/docker_postgres_with_data
Arquivo  Editar  Ver  Terminal  Abas  Ajuda

abraaorodrigues@abraaorodrigues:~$ sudo git clone https://github.com/jdaarevalo/docker_postgres_with_data.git
[sudo] senha para abraaorodrigues:
Cloning into 'docker_postgres_with_data'...
remote: Enumerating objects: 47, done.
remote: Counting objects: 100% (47/47), done.
remote: Compressing objects: 100% (40/40), done.
remote: Total 47 (delta 13), reused 22 (delta 1), pack-reused 0
Receiving objects: 100% (47/47), 4.53 MiB | 10.07 MiB/s, done.
Resolving deltas: 100% (13/13), done.
abraaorodrigues@abraaorodrigues:~$ cd dir
Área de Trabalho  docker_postgres_with_data  Documentos  Downloads  get-docker.sh  Imagens  Modelos  Música  Público  snap  Vídeos
abraaorodrigues@abraaorodrigues:~/docker_postgres_with_data$ sudo docker-compose up
Creating network "docker_postgres_with_data_default" with the default driver
Pulling postgres (postgres:10.5)...
10.5: Pulling from library/postgres

f17d81b4b692: Pull complete
c1f213be5edb: Pull complete
9c79723dc510: Pull complete
603a66804109: Pull complete
b4f1b901e523: Pull complete
99d9650419de: Pull complete
02d87bb25bad: Pull complete
333a24caa91e: Pull complete
9cab7935ece2: Pull complete
5977bf28967d: Pull complete
74ddd26cf783: Pull complete
07b76fcb42dd: Pull complete
7da7962ee038: Pull complete
0ddc5f8e0873: Pull complete

Digest: sha256:e19acdab213d6318565a6da5fb824ca5161e99fe63dbc37036557aacb35fae51

Status: Downloaded newer image for postgres:10.5
Creating docker_postgres_with_data_postgres_1 ... done
```

[illegible]

```
Terminal - abraaorodrigues@abraaorodrigues: ~/docker_postgres_with_data
Arquivo Editar Ver Terminal Abas Ajuda
postgres_1 /usr/local/bin/docker-entrypoint.sh: running /docker-entrypoint-initdb.d/fill_tables.sql
postgres_1 SET
postgres_1 SET
postgres_1 SET
postgres_1 SET
postgres_1 SET
postgres_1 SET
postgres_1 SET
postgres_1 SET
postgres_1 SET
postgres_1 CREATE EXTENSION
postgres_1 INSERT 0 100
postgres_1 INSERT 0 100
postgres_1 INSERT 0 30
postgres_1 INSERT 0 100
postgres_1 INSERT 0 100
postgres_1 INSERT 0 5
postgres_1 INSERT 0 100
postgres_1 INSERT 0 100
postgres_1
postgres_1 2023-05-30 02:18:26.962 UTC [40] LOG: received fast shutdown request
postgres_1 waiting for server to shut down...2023-05-30 02:18:26.967 UTC [40] LOG: aborting any active transactions
postgres_1 2023-05-30 02:18:26.972 UTC [40] LOG: worker process: logical replication launcher (PID 47) exited with exit code 1
postgres_1 2023-05-30 02:18:26.973 UTC [42] LOG: shutting down
postgres_1 2023-05-30 02:18:27.044 UTC [40] LOG: database system is shut down
postgres_1 done
postgres_1 server stopped
postgres_1
postgres_1 PostgreSQL init process complete; ready for start up.
postgres_1
postgres_1 2023-05-30 02:18:27.089 UTC [1] LOG: listening on IPv4 address "0.0.0.0", port 5432
postgres_1 2023-05-30 02:18:27.089 UTC [1] LOG: listening on IPv6 address ":::", port 5432
postgres_1 2023-05-30 02:18:27.092 UTC [1] LOG: listening on Unix socket "/var/run/postgresql/.s.PGSQL.5432"
postgres_1 2023-05-30 02:18:27.114 UTC [67] LOG: database system was shut down at 2023-05-30 02:18:27 UTC
postgres_1 2023-05-30 02:18:27.120 UTC [1] LOG: database system is ready to accept connections
*Gracefully stopping... (press Ctrl+C again to force)
Stopping docker_postgres_with_data_postgres_1 ... done

abraaorodrigues@abraaorodrigues:~/docker_postgres_with_data$ nano docker-compose.yml
abraaorodrigues@abraaorodrigues:~/docker_postgres_with_data$ sudo docker-compose up
Starting docker_postgres_with_data_postgres_1 ... done

Attaching to docker_postgres_with_data_postgres_1
postgres_1 | 2023-05-30 02:26:50.093 UTC [1] LOG: listening on IPv4 address "0.0.0.0", port 5432
postgres_1 | 2023-05-30 02:26:50.093 UTC [1] LOG: listening on IPv6 address ":::", port 5432
postgres_1 | 2023-05-30 02:26:50.096 UTC [1] LOG: listening on Unix socket "/var/run/postgresql/.s.PGSQL.5432"
postgres_1 | 2023-05-30 02:26:50.113 UTC [22] LOG: database system was shut down at 2023-05-30 02:18:45 UTC
postgres_1 | 2023-05-30 02:26:50.126 UTC [1] LOG: database system is ready to accept connections
```

Terminal - abraaorodrigues@abraaorodrigues: ~/docker\_postgres\_with\_data

```
abraaorodrigues@abraaorodrigues:~/docker_postgres_with_data$ sudo docker-compose up
Starting docker_postgres_with_data_postgres_1 ... done

Attaching to docker_postgres_with_data_postgres_1
postgres_1 | 2023-05-30 02:26:50.093 UTC [1] LOG: listening on IPv4 address "0.0.0.0", port 5432
postgres_1 | 2023-05-30 02:26:50.093 UTC [1] LOG: listening on IPv6 address ":::", port 5432
postgres_1 | 2023-05-30 02:26:50.096 UTC [1] LOG: listening on Unix socket "/var/run/postgresql/.s.PGSQL.5432"
postgres_1 | 2023-05-30 02:26:50.113 UTC [22] LOG: database system was shut down at 2023-05-30 02:18:45 UTC
postgres_1 | 2023-05-30 02:26:50.126 UTC [1] LOG: database system is ready to accept connections
```

DBeaver 23.0.5 - city

Arquivo Editar Navegar Procurar Editor de SQL Banco de dados Janela Ajuda

Auto postgres public@postgres

Navegador de banco de dados

city

Propriedades Dado ER Diagrama

postgres - localhost:5438

- Bancos de dados
  - postgres
    - Schemas
      - public
        - Tabelas
          - city 24K
          - country 24K
          - order\_status 56K
          - product 24K
          - sale 56K
          - status\_name 24K
          - store 24K
          - users 24K
          - Views
          - Views materializadas

city

Enter a SQL expression to filter results (use Ctrl+Space)

| city id | city name | country id |
|---------|-----------|------------|
| 1       | City 1    | 67         |
| 2       | City 2    | 11         |
| 3       | City 3    | 16         |
| 4       | City 4    | 19         |
| 5       | City 5    | 38         |
| 6       | City 6    | 15         |
| 7       | City 7    | 58         |
| 8       | City 8    | 15         |
| 9       | City 9    | 52         |
| 10      | City 10   | 26         |
| 11      | City 11   | 38         |
| 12      | City 12   | 23         |
| 13      | City 13   | 41         |

Atualizar Save Cancel Exportar dados ...

200 30 30 row(s) fetched - 3ms, on 2023-05-29 at 23:34:02

BRT pt\_BR