

Load PostgreSQL Sample Database

3-4 minuti

Summary: in this tutorial, we will show you how to load the **PostgreSQL sample database** into the PostgreSQL database server.

Before going forward with this tutorial, you need to have:

- A PostgreSQL database server installed on your system.
- A [PostgreSQL sample database](#) called dvdrental.

Load the sample database using psql tool

First, launch the **psql** tool.

Second, enter the account's information to log in to the PostgreSQL database server. You can use the default value provided by psql by pressing the **Enter** keyboard. However, for the password, you need to enter the one that you provided during [PostgreSQL installation](#).

```
Server [localhost]:
```

```
Database [postgres]:
```

```
Port [5432]:
```

```
Username [postgres]:
```

```
Password for user postgres:
```

```
Code language: SQL (Structured Query Language) (sql)
```

Third, enter the following [CREATE DATABASE](#) statement to

create a new **dvdrental** database.

```
postgres=# CREATE DATABASE dvdrental;  
CREATE DATABASE
```

Code language: SQL (Structured Query Language) (sql)

PostgreSQL will create a new database named **dvdrental**.

Finally, enter the **exit** command to quit **psql**:

Code language: PHP (php)

Then, navigate the **bin** folder of the PostgreSQL installation folder:

```
C:\>cd C:\Program Files\PostgreSQL\12\bin
```

After that, use the **pg_restore** tool to load data into the **dvdrental** database:

```
pg_restore -U postgres -d dvdrental C:\sampledb  
\dvdrental.tar
```

Code language: CSS (css)

In this command:

- The **-U postgres** specifies the **postgres** user to login to the PostgreSQL database server.
- The **-d dvdrental** specifies the target database to load.

Finally, enter the password for the **postgres** user and press **enter**

Code language: SQL (Structured Query Language) (sql)

It takes about seconds to load data stored in the **dvdrental.tar** file into the **dvdrental** database.

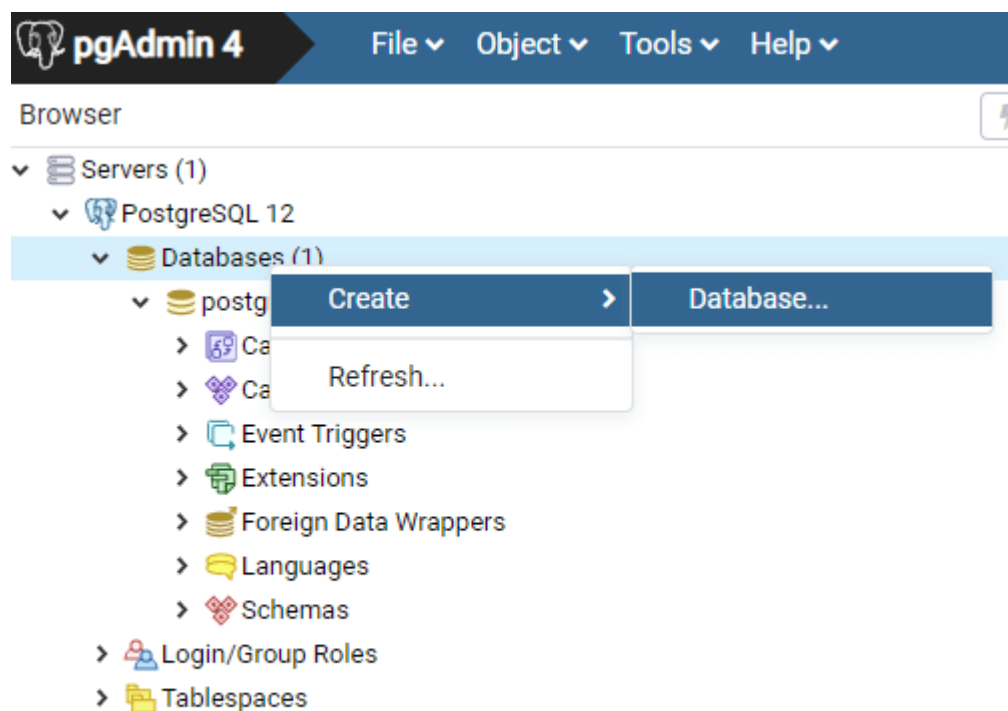
Load the DVD Rental database using the

pgAdmin

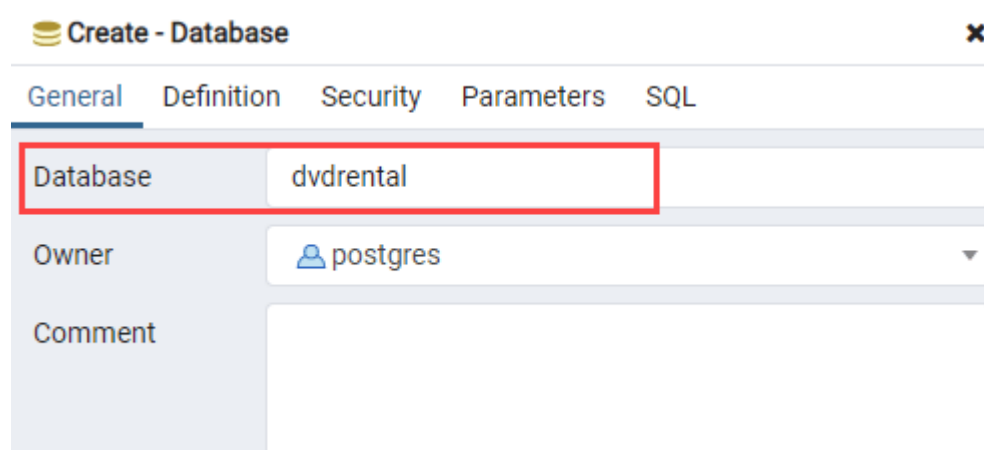
The following shows you step by step on how to use the pgAdmin tool to restore the [sample database](#) from the database file:

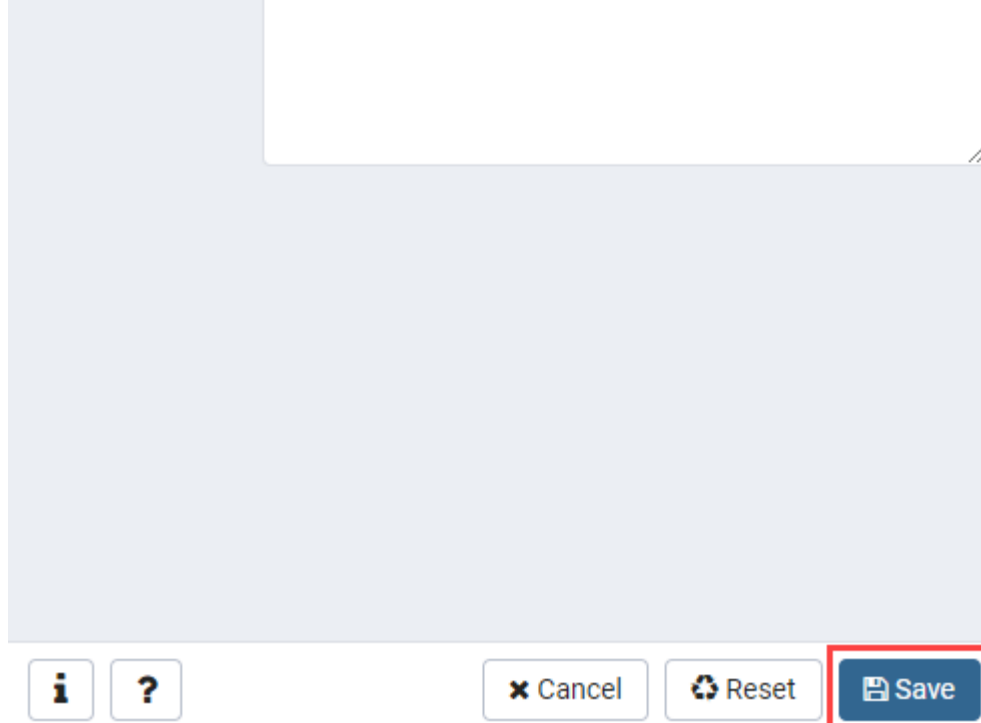
First, launch the **pgAdmin** tool and [connect to the PostgreSQL server](#).

Second, right click the **Databases** and select the **Create > Database...** menu option:

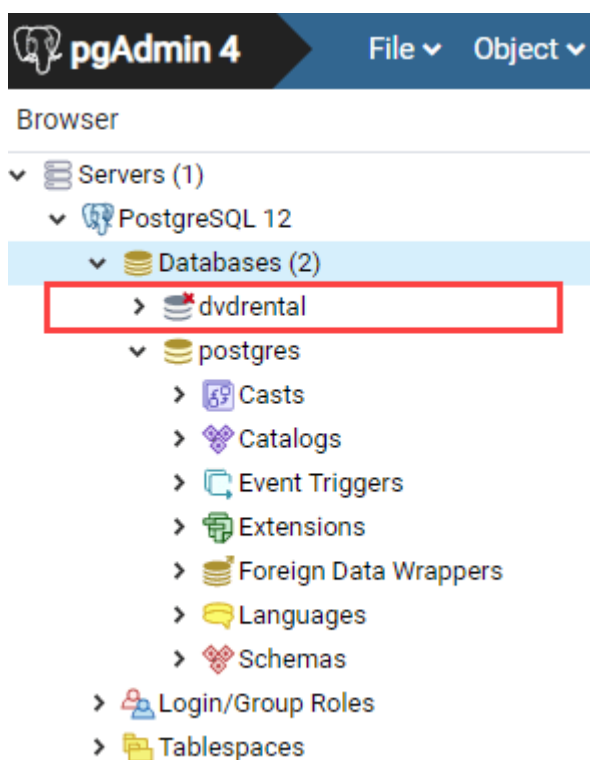


Third, enter the database name `dvdrental` and click the **Save** button:

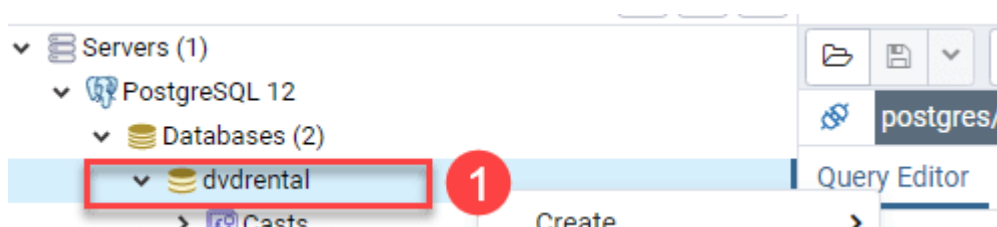


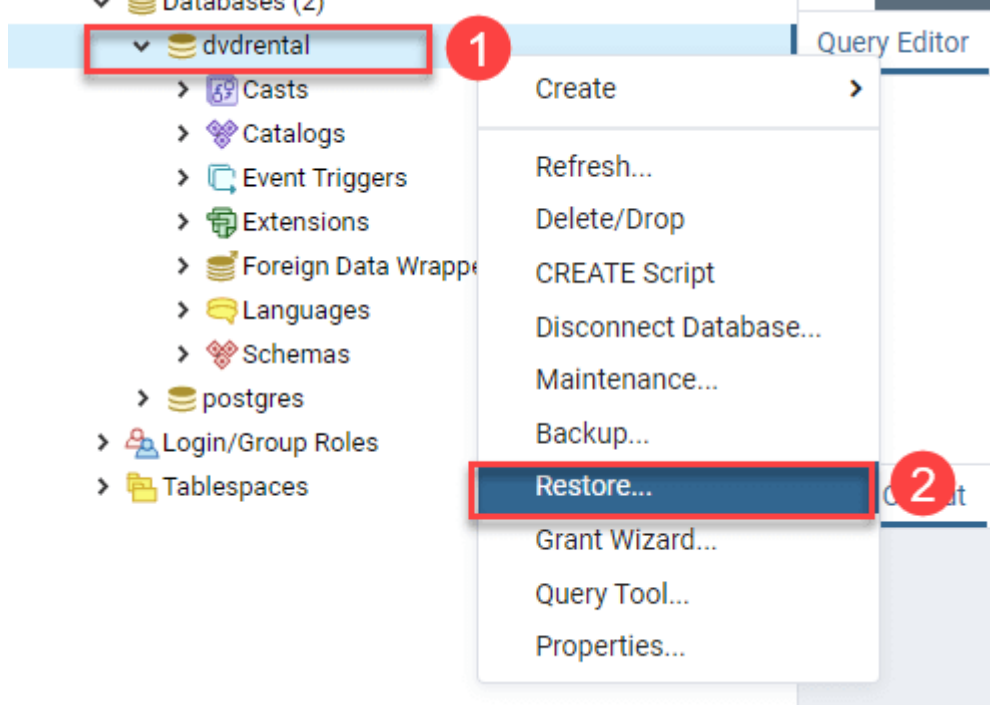


You'll see the new empty database created under the Databases node:

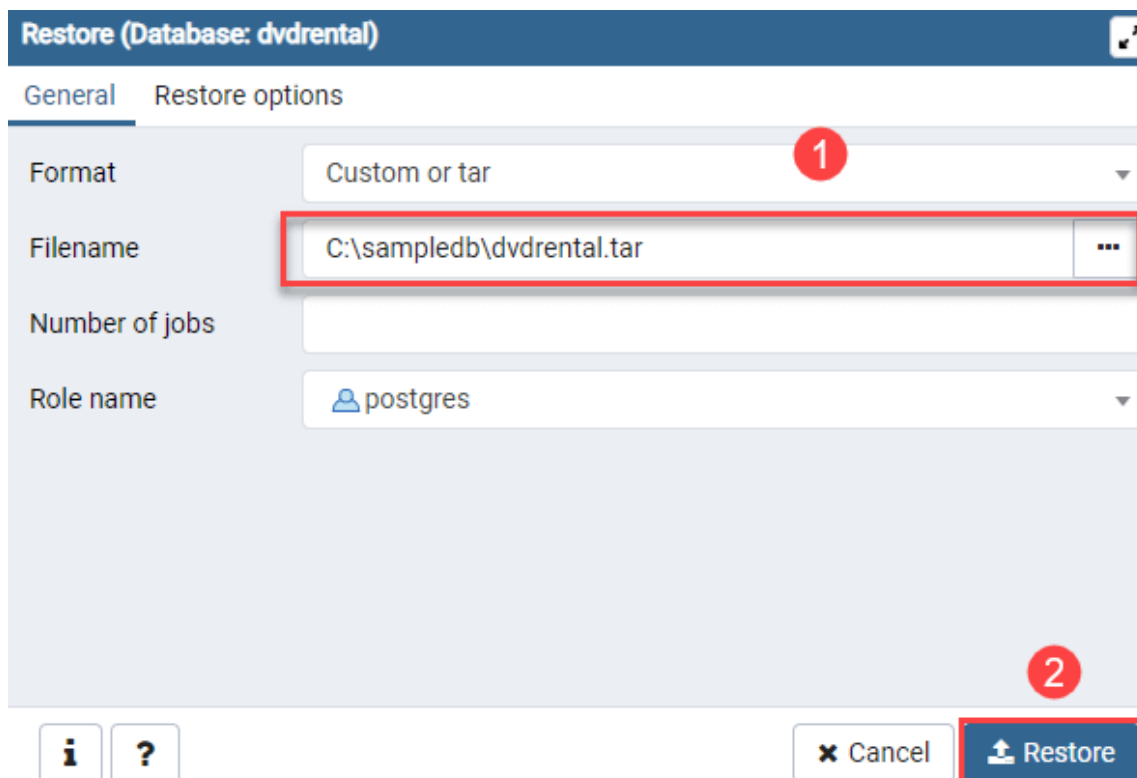


Fourth, right-click on the **dvdrental** database and choose **Restore...** menu item to restore the database from the downloaded database file:

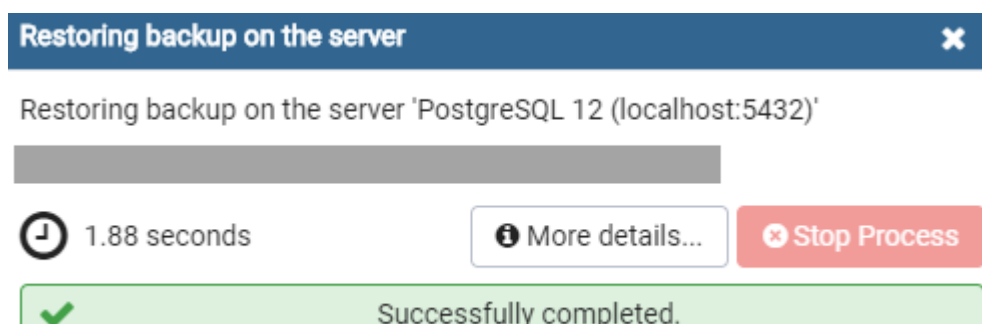




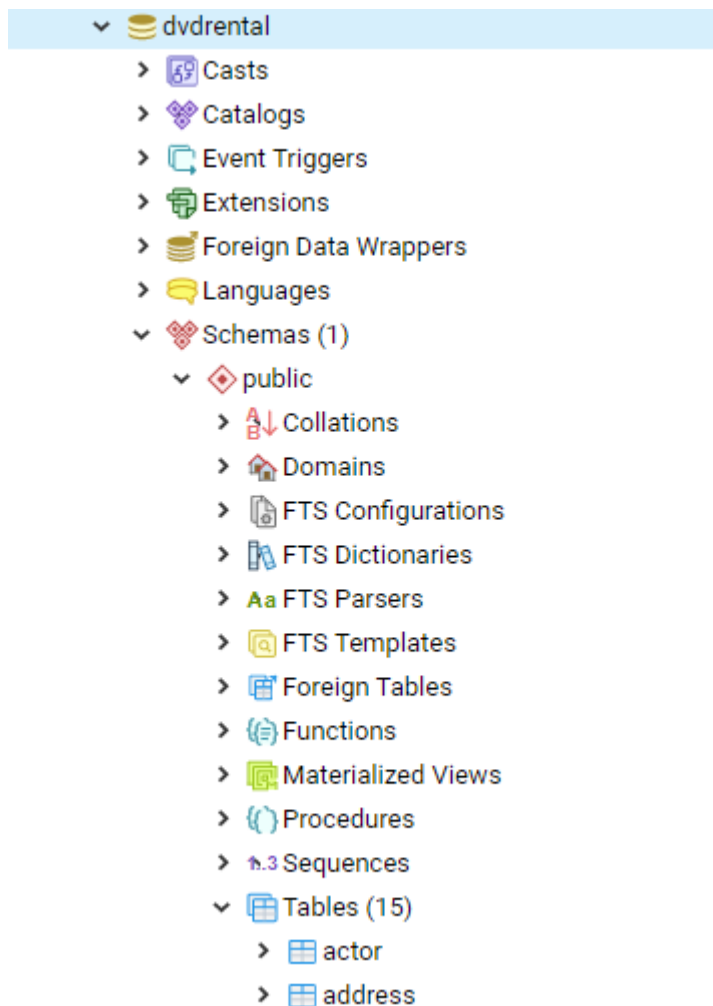
Fifth, enter the path to the sample database file e.g., **c:\sampledb\dvdrental.tar** and click the **Restore** button:



Sixth, the restoration process will complete in few seconds and shows the following dialog once it completes:



Finally, open the `dvdrental` database from object browser panel, you will find tables in the `public` schema and other database objects as shown in the following picture:



In this tutorial, you have learned how to load the `dvdrental` sample database into the PostgreSQL database server for practicing PostgreSQL.

Let's start learning PostgreSQL and have fun!

- Was this tutorial helpful ?
- [YesNo](#)