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# Load PostgreSQL Sample Database

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广告 X

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to load the **PostgreSQL sample database** into the

d to have:

your system.

A PostgreSQL sample database called **dvdrental**.

## Load the sample database using psql tool

First, launch the **psql** tool.

```
>psql
```

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:

```
postgres=# exit
```

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

Password:

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!

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FULL OUTER JOIN

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Natural Join

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