

ODBC driver for PostgreSQL Installation

Step 1: Download and Install PostgreSQL ODBC Driver

1. Visit the PostgreSQL ODBC Driver Page:

- Go to the official [PostgreSQL ODBC driver page](#).

2. Download the Driver:

- On the left-hand menu, click on `Downloads`.
- Choose the appropriate version for your operating system. For Windows, you will typically download the `.msi` installer.

3. Install the Driver:

- Run the installer you downloaded and follow the on-screen instructions to install the ODBC driver.

Step 2: Configure the ODBC Data Source

After installing the driver, you need to configure an ODBC Data Source Name (DSN) to connect to your PostgreSQL database.

For Windows:

1. Open ODBC Data Source Administrator:

- Press `Windows + R`, type `odbcad32`, and press `Enter`.
- Choose either the `User DSN` or `System DSN` tab depending on your requirements.
- Click on `Add...` to create a new DSN.

2. Select PostgreSQL Unicode Driver:

- Choose `PostgreSQL Unicode` or `PostgreSQL ANSI` driver (depending on your needs) from the list and click `Finish`.

3. Configure DSN:

- Fill in the details for your PostgreSQL connection:
 - **Data Source:** A name for your DSN.
 - **Database:** The name of your PostgreSQL database.
 - **Server:** The server address where PostgreSQL is running.
 - **Port:** The port number (default is 5432).
 - **Username:** Your PostgreSQL username.
 - **Password:** Your PostgreSQL password.
- Test the connection to ensure it is working.

Step 3: Verify Installation

To verify that the ODBC driver is installed and working, you can use an ODBC client to test the connection. On Windows, you can use the ODBC Data Source Administrator to test the DSN.

On macOS and Linux, you can use the `isql` command as shown above.

Using the ODBC Driver in Clarion

Once the ODBC driver is installed and configured, you can use it in Clarion to connect to your PostgreSQL database.

1. Open Clarion Dictionary Editor:

- Go to **File > Open Dictionary** and select your dictionary.

2. Add a New Table:

- Right-click on **Tables** and select **New**.
- Set the **Driver** to **ODBC**.
- Set the **Owner Name** to the DSN you created.
- Define the table structure and save it.

By following these updated steps, you can ensure that the PostgreSQL ODBC driver is installed and configured properly, allowing you to connect to PostgreSQL from Clarion.