

Tools and Methods for Setting Up PostgreSQL ODBC DSN via Registry Import on Windows

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Based on your details (32-bit psqLODBC Unicode driver, DSN "PostgreSQL35W", Description "Sendatrix", Database "postgres", Server "localhost", Port "5432", User "postgres", Password as superuser), the best method for automating or pre-configuring ODBC DSNs is using Windows Registry (.reg) files.

This is ideal for replicating setups across machines, as ODBC DSNs are stored in the registry (HKEY_LOCAL_MACHINE\SOFTWARE\ODBC\ODBC.INI for system DSNs).

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You can export from a working machine, modify, and import on new ones—perfect for forgetting steps over time.

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For 32-bit on 64-bit Windows, use the 32-bit registry path (HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\ODBC\ODBC.INI). Note: Password isn't stored in the registry for security; it's prompted at connection time or set in apps.

Tools and Methods

1. Regedit (Built-in Windows Tool): Free, no install needed. Export from a configured machine, edit in Notepad, import on new ones.

Steps:

- On working machine: Run regedit as admin, navigate to **HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\ODBC\ODBC.INI\PostgreSQL35W**, right-click > Export > Save as .reg.
- Edit .reg in Notepad (adjust if needed).

- On new machine: Double-click .reg to import (approve UAC prompt).
 - Test in 32-bit ODBC Admin (C:\Windows\SysWOW64\odbcad32.exe).
1. Batch Script for Pre-Import: Use a .bat to import the .reg silently (reg import command).
 - a. Pre-install the psqLODBC driver (manual msi run or silent install via msixexec /i psqlodbc.msi /quiet).
 2. Third-Party Tools:
 - ODBCConf.exe (Windows built-in, but deprecated; use for legacy).
 - Devart ODBC Driver Manager (free version available for configuration, but manual).
 - For bulk/automation: PowerShell scripts (free, e.g., New-OdbcDsn cmdlet in Windows 10+).

Example .reg File for Your DSN

Save this as PostgreSQL35W.reg (adjust password if stored, but recommend not):

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\ODBC\ODBC.INI\PostgreSQL35W]
"Driver"="C:\Program Files (x86)\psqLODBC\bin\psqlodbc35w.dll" ; Path to
32-bit driver DLL
"DSN"="PostgreSQL35W"
"Description"="Sendatrix"
"Database"="postgres"
"Servername"="localhost"
"Port"="5432"
"UID"="postgres"
"Password"="" ; Leave blank for prompt
"ReadOnly"="0"
"RowVersioning"="0"
"ShowSystemTables"="0"
"ConnSettings"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\ODBC\ODBC.INI\ODBC Data Sources]
"PostgreSQL35W"="PostgreSQL Unicode"
```

Batch Script for Import

Save as ImportODBC.reg.bat (run as admin):

batch

```

:: ImportODBC.reg.bat
:: Purpose: Imports ODBC DSN reg file as admin
:: Version: v251014a
@echo off
if not exist "PostgreSQL35W.reg" (
echo ERROR: PostgreSQL35W.reg missing.
pause
exit /b 1
)
reg import "PostgreSQL35W.reg" >nul 2>&1
if %ERRORLEVEL% neq 0 (
echo ERROR: Registry import failed. Run as admin.
pause
exit /b 1
)
echo Success: ODBC DSN imported. Test in odbcad32.exe.
pause
exit /b 0

```

Pre-install the driver on all machines (msiexec /i psqlodbc_x86.msi /quiet for silent). This method is reliable and repeatable—copy the .reg and .bat to new machines for quick setup. For real-time use, include in your client delivery kit. Let me know if you need Linux versions or more!