

PostgreSQL Installation Guide and Basic Commands



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PostgreSQL Installation Guide

PostgreSQL Installation Guide

1. Download the PostgreSQL from www.postgresql.org/download
2. Choose an appropriate installer according to your operating system

Downloads

PostgreSQL Core Distribution

The core of the PostgreSQL object-relational database management system is available in several source and binary formats.

Binary packages

Pre-built binary packages are available for a number of different operating systems:

- BSD
 - FreeBSD
 - OpenBSD
- Linux
 - Red Hat family Linux (including CentOS/Fedora/Scientific/Oracle variants)
 - Debian GNU/Linux and derivatives
 - Ubuntu Linux and derivatives
 - SuSE and OpenSuSE
 - Other Linux
- macOS
- Solaris
- Windows

PostgreSQL Installation Guide

Windows installers

Interactive installer by EnterpriseDB

Download the installer certified by EnterpriseDB for all supported PostgreSQL versions.

This installer includes the PostgreSQL server, pgAdmin; a graphical tool for managing and developing your databases, and StackBuilder; a package manager that can be used to download and install additional PostgreSQL tools and drivers. Stackbuilder includes management, integration, migration, replication, geospatial, connectors and other tools.

This installer can run in graphical or silent install modes.

The installer is designed to be a straightforward, fast way to get up and running with PostgreSQL on Windows.

Advanced users can also download a **zip archive** of the binaries, without the installer. This download is intended for users who wish to include PostgreSQL as part of another application installer.

Platform support

The installers are tested by EnterpriseDB on the following platforms. They can generally be expected to run on other comparable versions:

PostgreSQL Version	64 Bit Windows Platforms	32 Bit Windows Platforms
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PostgreSQL Installation Guide

PostgreSQL Database Download

PostgreSQL Version	Linux x86-64	Linux x86-32	Mac OS X	Windows x86-64	Windows x86-32
11.2	N/A	N/A	Download	Download	N/A
10.7	Download	Download	Download	Download	Download
9.6.12	Download	Download	Download	Download	Download
9.5.16	Download	Download	Download	Download	Download
9.4.21	Download	Download	Download	Download	Download

PostgreSQL Installation Guide

3. Use the default installation & data directory
 - Installation directory : C:\Program Files\PostgreSQL\11
 - Data directory : C:\Program Files\PostgreSQL\11\data
4. Set your database[postgres] password and retype it
5. Use the default port
 - Port : 5432
6. Select the default locale
7. Finish the installation
 - You do not need to launch stack builder at exit

PostgreSQL Installation Guide

8. Make sure your installation is successful

- 1) Run the PostgreSQL SQL Shell(psql)
- 2) Login your database
 - a. Server [localhost] : Press the enter key
 - b. Database [postgres] : Press the enter key
 - c. Port [5432] : Press the enter key
 - d. Username [postgres] : Press the enter key
 - e. Password for user postgres: Type your password

PostgreSQL Basic Commands

PostgreSQL Basic Commands

- \h
 - Help on syntax of SQL commands, * for all commands
- \d, \dt
 - List tables & views, list only tables
- \di, \dv, \ds, \dS
 - List indices, list views, list sequences, list 'system + user' tables & views
- \dT
 - List user defined data types
- \d <table name>
 - Describe table

End