

## Step For Installing PostgreSQL

- 1) Open terminal using keys Ctrl+Alt+T
- 2) Type following command to update your system

```
sudo apt-get update
```

(Here you will be prompted for password, Enter the password which you used to login this system) You will get output similar to Fig 1 below.

```
Ign:1 http://dl.google.com/linux/chrome/deb stable InRelease
Hit:2 http://linux.teamviewer.com/deb stable InRelease
Hit:3 http://in.archive.ubuntu.com/ubuntu xenial InRelease
Hit:4 http://ppa.launchpad.net/nolwantdthisname/ppa/ubuntu xenial InRelease
Get:5 http://in.archive.ubuntu.com/ubuntu xenial-updates InRelease [109 kB]
Hit:6 http://dl.google.com/linux/chrome/deb stable Release
Get:7 http://security.ubuntu.com/ubuntu xenial-security InRelease [107 kB]
Hit:8 http://ppa.launchpad.net/stebbins/handbrake-releases/ubuntu xenial InRelease
Get:9 http://in.archive.ubuntu.com/ubuntu xenial-backports InRelease [107 kB]
Hit:10 http://ppa.launchpad.net/webupd8team/java/ubuntu xenial InRelease
Ign:11 http://download.opensuse.org/repositories/isv:/ownCloud:/desktop/Ubuntu_1
6.04 InRelease
Hit:12 http://download.opensuse.org/repositories/isv:/ownCloud:/desktop/Ubuntu_1
6.04 Release
Hit:13 http://ppa.launchpad.net/webupd8team/sublime-text-3/ubuntu xenial InRelease
Hit:14 http://ppa.launchpad.net/wine/wine-builds/ubuntu xenial InRelease
Fetched 323 kB in 3s (85.1 kB/s)
Reading package lists... Done
```

Fig 1 : Update your Source list on Ubuntu

- 3) Type following command to PostgreSQL

```
sudo apt-get install postgresql postgresql-contrib
```

You can see the output similar to Fig 2 as shown below and it will prompt you to continue or not. Type 'y' and hit Enter.

```
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  pgadmin3-data pgagent postgresql-client
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  postgresql-9.5 postgresql-common postgresql-contrib-9.5 sysstat
Suggested packages:
  postgresql-doc locales-all libdbd-pg-perl isag
The following NEW packages will be installed:
  postgresql postgresql-9.5 postgresql-common postgresql-contrib
  postgresql-contrib-9.5 sysstat
0 upgraded, 6 newly installed, 0 to remove and 0 not upgraded.
Need to get 3,861 kB of archives.
After this operation, 16.0 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

Fig 2 : Process to install PostgreSQL

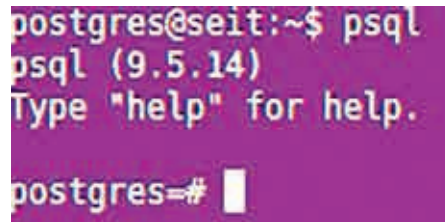
Once successfully installed, you can use default postgresql user account called 'postgres'. So to switch over to the postgres account, on your server terminal type :

```
sudo -i -u postgres
```

Now to use PostgreSQL type on terminal :

```
psql
```

You can see output similar to Fig 3.

A terminal window with a dark background and light-colored text. The prompt is 'postgres@seit:~\$'. The user has entered 'psql'. The output shows 'psql (9.5.14)' and 'Type "help" for help.'. The prompt has changed to 'postgres=#' followed by a cursor bar.

```
postgres@seit:~$ psql
psql (9.5.14)
Type "help" for help.

postgres=#
```

**Fig 3: PostgreSQL shell**

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