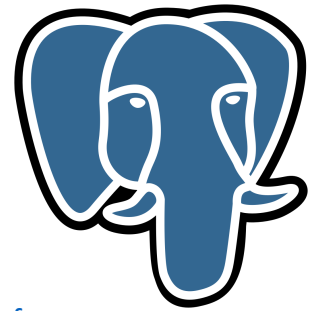


Training Course: Installation, configuration and administration of PostgreSQL



Venue: “Learning Hall” at Business Center Nomadico, Ulaanbaatar

Date: June 24/25, 2019

Time: 09:00-12:00 and 13:00-16:30

Fee: USD 350/participant (snacks and lunch included)

Delivered by: Michael Wagner (www.allspatial.sc)

Registration: Call Tuul (+976-89983311) or email to mwagner@allspatial.info

Registration deadline: June 10, 2019

Overview:

This two-day, hands-on training course covers the installation, configuration and administration of PostgreSQL, the most advanced Open Source Object-Relational Database Management System to date. PostgreSQL has a strong reputation for its reliability and stability and an increasing number of organisations and companies are switching from proprietary systems to PostgreSQL. The course is prepared and delivered by Michael Wagner who is a certified PostgreSQL Professional and has supported numerous projects in designing and implementing PostgreSQL databases, often in combination with its spatial extension PostGIS.

Programme:

- Introduction and overview
- Installation, basic configuration and tuning on Linux
- Creating databases
- Creating schemas
- Creating user and group roles
- Creating tables and views
- Creating indexes
- Granting permissions
- Loading extensions
- Populating the database
 - SQL
 - Bulk loading
- Creating and restoring backups
- Basic maintenance tasks
- Creating trigger procedures
- Administration tools: psql (and pgAdmin)

Audience:

- Database administrators
- Software developers
- IT students

Requirements:

- Laptop with at least 4GB RAM (PostgreSQL will be installed in a Linux Virtual Machine. All software required for the training course will be provided)