

Cel szkolenia

This course is intended for Developers who want to develop applications that deliver content from PostgreSQL 9.2. This class will also teach you Postgres Source Code Installation. In this course, you will learn the Postgres Architecture, how to design and develop applications with Postgres, intricacies of JDBC and object relation mappers (ORMs) with Postgres, how to troubleshoot and performance tune Postgres Queries & how to write backend server code in Java and PL/pgSQL.



Czas trwania

3 dni

Konspekt

1. PostgreSQL Introduction
 - Introduction
 - Architectural Summary
 - Connection Process
 - Statement Life Cycle
 - Commit & Checkpoint
2. Source Code and Installation
 - PostgreSQL Source Code
 - OS User & Permissions
 - Installation from sources
 - Installation: One Click Installer
 - Setting environment variables
 - Clusters
 - Creating a database cluster
 - Starting and Stopping the Server (pg_ctl)
 - Connect to the server using psql
3. Transactions
 - Multi Version Concurrency Control
 - Transactions
 - Isolation Levels
 - Locking
 - Logging
4. PostgreSQL Connectors
 - Installing JDBC Connectors
 - Installing .NET Connectors
 - Extensions
5. PSQL
 - Introduction
 - Conventions
 - Connecting to PostgreSQL
 - PSQL Command Line Parameters
 - Entering PSQL Commands
 - PSQL Meta-Commands
 - PSQL SET Parameters
 - Information Commands
6. Creating and Managing Databases
 - Object Hierarchy
 - Creating Databases
 - Creating Schemas
 - Schema Search Path
 - Roles
 - Users
 - Groups

Cena szkolenia

950 EUR netto

+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury

Najbliższe terminy

Brak zaplanowanych szkoleń
[Zaproponuj termin szkolenia](#)

Zapytaj o szczegóły:

tel. 12 29 84 777
compendium@compendium.pl

- Access Control
- 7. pgAdmin III
 - Registering a server
 - Viewing and Editing Data
 - Query Tool
 - Databases
 - Schemas
 - Database Objects
- 8. SQL Primer
 - Data Types
 - Tables
 - SQL Queries
 - Select
 - Quoting
 - Constraints
 - Dropping or Removing Database Objects
 - Views
 - Sequences
 - Indexes
- 9. SQL Functions
 - Operators
 - String Functions
 - Date Functions
 - Numeric Function
 - XML Functions
 - Aggregate Functions
 - Data Type Conversion
- 10. Large Objects
 - Data Types for large data
 - Adding lo extension
 - Using Java File Stream for inserting image in postgres
- 11. Procedural Languages
 - PostgreSQL Procedural Languages
 - Introduction to PL/PgSQL
 - How it works
 - PL/pgSQL Block Structure
 - Declaring Variables
 - Writing Executable Statements
 - Declaring Function Parameters
 - Control Structures
 - Exception Handling
 - PL/pgSQL Cursors
 - Triggers
 - PostgreSQL Error Codes
 - Introduction to PL/JAVA
 - Examples & Lab
- 12. SQL Tuning
 - Explain and Explain Analyze
 - Table Statistics
 - Updating Planner Statistics
 - Vacuuming
 - Indexes
 - Examining Index Usage
 - Tips for Inserting Large Amount of Data
 - Routine Re-indexing

Certyfikaty

The participants will obtain certificates signed by EnterpriseDB.

Lokalizacje

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00
Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

Prowadzący

Authorized EnterpriseDB Trainer.

Cena szkolenia

950 EUR netto
Do ceny należy doliczyć 23% VAT

