

PostgreSQL

Agenda

credativ GmbH / credativ Ltd. / credativ, LLC

PostgreSQL Training



Day One

- 09:00: Introduction
- 09:15: Course Agenda
- 09:30: PostgreSQL History and Overview
- 10:30: Break
- 10:45: System architecture, requirements, installation
- 12:15: Lunch
- 13:15: SQL syntax and data types, queries
- 14:15: Common Table Expressions
- 14:45: Break
- 15:00: Questions, Practical Exercises
- 16:30: End of Day

Day Two

- 09:00: User and Schema Management
- 10:30: Break
- 10:45: Localization and Encodings
- 11:30: Triggers/Rules
- 12:15: Lunch
- 13:15: Indexes, Reading query plans, performance tuning
- 14:00: Partitions
- 14:45: Break
- 15:00: Questions, Practical Exercises
- 16:30: End of Day

Day Three

- 09:00: Concurrency Control, Locking
- 10:30: Break
- 10:45: Finding help and Introduction to various tools
- 11:30: Application Programming
- 12:15: Lunch
- 13:15: Functions
- 14:15: Server-side languages
- 14:45: Break
- 15:00: Questions, Practical Exercises
- 16:30: End of Day

Day Four

- 09:00: Extending PostgreSQL
- 09:45: Installation
- 10:30: Break
- 10:45: Configuration
- 11:15: Backup, Analyze, Vacuum
- 11:45: Monitoring
- 12:15: Lunch
- 13:15: Recovery
- 14:00: High Availability Overview
- 14:45: Break
- 15:00: Questions, Practical Exercises
- 16:30: End of Day

Day Five

- 09:00: Bucardo
- 09:45: Warm Standby with DRBD
- 10:30: Break
- 10:45: Warm Standby with pg_standby
- 11:30: pgpool-II
- 12:15: Lunch
- 13:15: Questions, Practical Exercises
- 14:45: Break
- 15:00: Questions, Practical Exercises
- 16:30: End of Day