mehdiward
information systems

4D Database Administrator Foundation

Level 1 Course
Course Duration : 1 day
Course Code : 4D-DBA1

About the Course

4D Server is unique amongst workgroup database servers offering a unified client-server architecture that is both scalable and easy to administer. To carry out this task efficiently it is essential to have a thorough grounding in the issues and techniques that apply.

Many people find themselves thrust into the role of administering a database, either as part of their main job, or as one extra duty. This course will give an introduction to the 4D architecture and the administration of a production database.

Benefits

• Guidance on hardware choice, licensing and initial set up.
• Training on 4D Server and 4D Client installation, including network components.
• Instruction for day to day operation of 4D Server databases.
• Use of 4D Tools to carry out admin and recovery tasks.
• Use of 4D's built in tools for querying the database and creating Quick Reports.
• Learn how to configure 4D security.
• Learn how to keep the end users working productively.
• Use of 4D Backup for effective database recovery.

Prerequisites

Any system administrator or IT support personnel can attend this course. No specialist database knowledge is assumed.

What Next ?

4D Database Administrator - Advanced Training (4D-DBA2)

Course Content

4D Architecture • Cross platform issues
• Unified client-server • Compiled vs. Interpreted
• 4D Network Components • 4D Plug-Ins.
4D Installation • Server Hardware considerations
• 4D Installation • What files go where
• Installing 4D Server • Installing 4D Client
• Troubleshooting Installation Issues.
Users & Security • Physical Security • 4D Password Editor
• The 4D security model • Adding Users and Groups.
What Can Go Wrong • Data corruption and its causes
• Recovery Options • Overview of OS backup tools
• Backup Exec • Retrospect • Overview of 4D Backup
• 4D Restore • When to get help.
4D Utilities • Overview of 4D Tools
• Preventative and Routine Maintenance
• Advanced Usage • Database Recovery Options
• Compacting a Database • Recovering a Database.
Keeping the System Going
• Hardware and network problems
• Troubleshooting network problems • Memory issues
• Optimising memory • Data issues
• Troubleshooting data issues
• Reporting faults to the development team
• Preventative data maintenance.
Keeping the Users Working
• Responding to Users' Information Needs
• 4D Query Editor • 4D Sort Editor
Reporting from 4D • Reporting Options
• Introduction to Quick Report Editor
• Simple Quick Reports.

To make a course booking or to discuss your training requirements, please call us on **020 8245 4545** or email **training@mehdiward.com**.

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