



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.

