



4D Database Administrator

Advanced

Level 2 Course
Course Duration : 1 day
Course Code : 4D-DBA2

About the Course

This course will give an in-depth review of the 4D architecture and the administration of a production database. Many of the topics introduced on the foundation course are revisited but this time in much greater detail.

The 4D Server Administration courses (levels 1 & 3) are run on consecutive days so you can choose whether to combine the two days together or spend one day on the foundation course and come back at a later date for the advanced level.

Benefits

- Advanced installation of 4D Server and 4D Client, including network components.
- Learn about advanced configuration of 4D Server databases.
- Advanced use of 4D Tools and DataCheck to carry out maintenance tasks.
- Advanced use of 4D's built in tools for querying the database and creating Quick Reports.
- Use of 4D as a web server.
- Learn how to manage users and satisfy their needs.
- Advanced use of 4D Backup for recovery and database mirroring.

Prerequisites

It is recommended that you have attended our 4D Database Administrator Level 1 course (4D-DBA1) or that you have good knowledge of the topics covered in that course.

What Next ?

Bespoke Training

Course Content

- Database Parameters** • Database Parameters overview
 - Using Customiser Plus • Setting Memory Allocation
 - Data Cache Settings • Other Tabs and Options
 - Client Side Database Objects • Setting Client Memory
- Web Service** • Overview of 4D as an HTTP Server
 - Web Settings • Optimising Performance
 - IP Number Allocation and DNS.
- Network Components** • Review of NC Architecture
 - Setting up for TCP/IP • 4D Ports • 4D over a WAN
 - Multiple instances of 4D Server.
- Advanced Data Recovery** • 4D Backup Review
 - DataCheck Overview • Runtime Options
 - Gremlins & NANS • Dropping Indices
 - Indexation Choices and Consequences • Bad Records
 - Export and Re-import • Compact and Rebuild.
- Advanced Use of 4D Backup** • Scenarios and Remedies
 - 4D Backup Scheduling • 4D Restore • Log file operation
 - Starting a log file • Recovery from log.
- Mirroring with 4D Backup** • What is database mirroring
 - How does it work • Mirroring issues • Mirror set up
 - Keeping your mirror working.
- Keeping the Users Happy**
 - Responding to Users' Functional Needs
 - Changes, Requirements and Wish List Items
 - Managing the development team - an administrator's perspective.
- Advanced Reporting** • Quick Report Editor
 - 4D Query Editor • 4D Sort Editor • Simple usage
 - Adding break level reporting • Hidden columns and rows
 - Calculated columns.

To discuss your training needs, call us on **020 8245 4545** or email training@mehdiward.com.



V1.0.6 - Jul 09