FileMaker Pro
Advanced Training

Overview:
The skills and knowledge covered in this course are sufficient to create real-world database applications that collect data, permit data to be queried, produce reports and display information in forms.

Learning Outcomes:
At the completion of this course you should be able to:

- Define data tables and fields
- Ensure data integrity
- Work with layouts
- Create scripted routines
- Build navigation and window controls
- Build a cross-tab report
- Control access and authoring rights to systems

Target Audience:
This course is designed for users with intermediate to advanced FileMaker developer skills.

Prerequisites:
This course assumes basic knowledge of FileMaker Pro.

Duration:
2 Days

Courseware:
High quality learning materials are available for purchase by participants.
Participants will also be presented with a certificate of achievement upon completion of the course.

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Data
Construct different types of data relationships
Ensure data integrity
Implement multiple-table solutions
Auto-entry
Validation
Field storage and indexing
Manage images and other objects in container fields

Calculations
Calculation engine
Custom functions
Accessing metadata stored with container field data

Scripting
Create scripted routines
Write and troubleshoot scripts
Scripting for the mobile user
Build navigation and window controls
Create custom menus
Study logical branching and looping routines

Reporting
Creating reports
Sub-summary reports
Build cross-tab reports (with data-driven columns)
ExecuteSQL function

Security
Security controls
Implement privilege sets
Tie access to database solutions to external authentication servers
Control access and authoring rights to systems
Extend security controls with scripting
Encrypt FileMaker files and network communication

Deployment
Deploying a FileMaker solution
Best practices for installing and configuring FileMaker
Trigger scripts from FileMaker
Operating system scripts from FileMaker

Integration
Integrate FileMaker Pro 14 with SQL systems
Review configuration processes
Use other data systems in tandem with FileMaker Pro