

Course Outline



Database Programming Workshop ADO and Visual Basic 6.0

3 Days

Course Description

This workshop is designed for delegates who have previously attended the Visual Basic Introductory course, or have a good basic knowledge of how to write applications in Visual Basic.

Delegates are given the opportunity to develop their knowledge of Microsoft's 'ADO' data access programming model and to explore how they might use it within their business environments. The workshop fee includes a textbook which provides valuable reference after the course.

Workshop Objectives.

Topics that can be covered include:

- **Visual Basic Database Programming**
 - Overview of Database Architecture
 - Using Data controls
 - Using Database Object Libraries
 - The DAO control
 - The RDO control
- **The ADO control**
 - The ADO objects
 - Connection
 - Command
 - Parameter
 - Recordset
 - Field
 - Error
 - Property
 - Getting started with the ADO control
- **Validating User Data**
 - Validation property and event
 - Disabling and hiding controls
 - Form level data validation
- **Basic SQL**
- **Visual Basic Database Tools**
 - Visual Data Manager
 - Data Form wizard
 - Data environments
 - Data Views
- **Using the ADO Control**
 - Overview
 - Properties
 - Methods
 - Events
 - Adding the ADO Control to a Form
 - Connecting to a data source
 - Using the ADO Data control's Recordset Object
- **Using Data-bound controls**
 - Overview
 - Text boxes
 - Check boxes
 - List and Combo Boxes
 - DBlists and DBcombos
 - Datalists and Datacombos
 - Datagrids
- **Connecting to Databases**
 - Connecting with the ADO Data Control
 - Connecting with a Data environment
 - Opening Recordsets with connections

Each workshop will contain all or most of the above, depending upon how the content might be tailored to individual needs.