

Visual Basic 6 Introduction - 3 days

Overview:

Students will learn how to use Visual Basic 6 to develop Windows applications.

Prerequisites:

Windows Introduction or equivalent knowledge, and some programming experience would be beneficial but is not essential.

Introduction to Visual Basic programming

- What is Visual Basic?
- Terminology
- Steps to create an application
- Modular environment

Building an application

- Setting properties of objects
- Forms
- Introduction to controls
- Object-based, event-driven programming

Coding

- The Code Editor
- Using the Object Browser to view properties and methods of objects
- Statements and functions
- Conditional statements
- Looping statements
- Native code

Debugging

- Overview

Forms

- Showing and hiding forms
- Order of events
- Multiple forms
- Startup and end of applications

Variables

- Data types
- Scope and lifetime of variables
- Constants
- Arrays and user-defined types

Procedures

- Introduction to procedures
- Arguments and parameters
- Named arguments and optional arguments

Controls

- Control formatting
- Standard controls
- Custom controls

Menus

- Creating and coding menus
- Custom pop-up menus

Error handling

- An introduction to error handlers

Wizards

- The Package and Deployment Wizard
- Application Wizard

The next step

- Data access using the Data Form Wizard and the data control
- MDI forms
- Classes
- An introduction to ActiveX controls within Visual Basic