

Visual Basic 6: Introduction to Programming

3 day course

Overview

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

Prerequisites

Windows Introduction or equivalent knowledge, and some programming experience.

Benefits

Students will learn how to create Windows applications by using Visual Basic 6.

Target student

Students attending this course should be familiar with the Windows environment and have some programming experience.

What's next

Visual Basic 6 Database Programming is the next course in this series.

Course Content:

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
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