

Course Guide

VB Scripting for

Testers

"When I joined this course, I had basic understanding of VB Scripting, although after 8 hours of training I have excellent understating of VB Scripting. Now, I have better understanding of variables and data types and where to apply conditions and functions and that is what I call "real" training, Thank you Skiva your training did made a huge difference in my life, I feel extremely confident now"

- Anurag Tripathi
Capital Finance





VB Scripting for Testers

VBScript is a subset of Visual Basic 4.0 language. It was developed by Microsoft to provide more processing power to Web pages. VBScript can be used to write both server side and client side scripting. A well-known and leading GUI automation tool Quick Test Professional (QTP) uses VB-Script as the scripting language to automate user actions on Application Under Test (AUT). Since the VBScript can be used with QTP (Quick Test Professional) for automating user actions on the application under test, it became well-known and popular in the Tester Community.

This course will equip you with the required knowledge of VB Script to work effectively with QTP. You will have understanding of Data Types, Operators, Loops and Conditions, Procedure and Functions and so on.

Pre-Requisites

This is not an introductory testing course. Participants are expected to be familiar with the fundamentals of testing. Some understanding of QTP tools would be beneficial

Course Objectives

- ✓ Understand the basics of VB Script
- ✓ Write script to automate actions in QTP
- ✓ Perform effective test automation in QTP

Course Audience

- ✓ Experienced testers who are involved (or will be involved) in testing
- ✓ Those responsible for testing and quality assurance on software projects
- ✓ Someone who has basic knowledge of Software Testing and QTP
- ✓ Have completed QTP training course

Duration

1 day

Location

Skiva IT Consulting

**Suite 902, Level 9, 175 Castlereagh Street,
Sydney, NSW 2000 Australia**

Course Content

Module 1: VB SCRIPT Basics

- ✓ VBScript vs Visual Basic.
- ✓ Understanding Client-side and Server-side scripting.
- ✓ VBScript and ASP.
- ✓ Creating VBScript Procedures
- ✓ The SCRIPT & Comment Tags

Module 2: Variables and Data Types

- ✓ Understanding a variable
- ✓ Declaring Variables
- ✓ Variables naming restrictions
- ✓ Optional Explicit
- ✓ Scope of Variables
- ✓ Declaration statements and highlights
- ✓ Scalar variables and Array Variables
- ✓ Creating Arrays
- ✓ Data Types
- ✓ Determining the Type of Data in a Variable
- ✓ Working with Constants

Module 3: Operator

- ✓ Operator Precedence
- ✓ Arithmetic Operators
- ✓ Comparison Operators
- ✓ Concatenation Operators
- ✓ Logical Operators

Module 4: Loops and Conditions

- ✓ If Else condition
- ✓ Nested If Else Condition
- ✓ While Loops
- ✓ For Loops

Module 5: Procedure and Functions

- ✓ Understanding Procedures
- ✓ Sub procedures
- ✓ Functions- User Defined Functions
- ✓ Function Procedures
- ✓ Declaring Subroutine/Functions
- ✓ Calling a Subroutine/Function/Statement
- ✓ Exiting a Subroutine/Function
- ✓ Built in Functions
 - Math
 - String
 - Date Functions
 - Conversions

Book Now

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Module 6: Classes and Objects

- ✓ Understanding Objects
- ✓ Properties Defined
- ✓ Methods Defined
- ✓ Events Defined
- ✓ Referencing Objects
- ✓ ADODB Objects
- ✓ Excel Application
- ✓ File System Object
- ✓ Word Application
- ✓ XML Document

Module 7: Debugging and Errors

- ✓ Why Debug
- ✓ Types of Bugs
- ✓ Stepping Through Code
- ✓ Watching Variable Values
- ✓ Syntax & Runtime Errors
- ✓ Coding to Avoid and handle Errors
- ✓ The Error Object
- ✓ The Raise Method

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