

Scripting QuickTest Pro Basic

Course Summary

Description

This core course provides a comprehensive understanding of using the language programming interface used by QTP; the VBScript language. Students will learn the basics and the principals of the OOP, the difference between other family languages. They will also learn how to manipulate your applications needs windows based or web based using QTP and VBScript,

Topics

At the end of this course, students will be able to:

- Introduction to VBScript and OOP.
- Variables and numeric and literal constants.
- Declaring Variables Explicit and Implicit
- The scope and lifetime of a variable
- Variants and sub-types.
- VBScript operators.
- Working with arrays.
- Conditional statements
- Control loops
- Coding conventions
- Interaction Functions.
- String manipulation functions
- Dates and times functions
- Math functions.
- Data type validation functions.
- Array Functions.
- Introduction to working with objects.
- Subroutines and function procedures

Audience

This course is designed for new and intermediate users of QTP who need to get familiar with the programming language of QTP. The course is based on both Windows and Web environments.

Prerequisites

Students should have experience with First Steps for Windows, First Steps for Web, and or at least 2 months of real world QTP experience

Duration

Two days

Scripting QuickTest Pro Basic

Course Outline

- I. **Introduction to VBScript and OOP.**
- II. **Variables and numeric and literal constants.**
- III. **Declaring Variables Explicit and Implicit**
- IV. **The scope and lifetime of a variable**
- V. **Variants and sub-types.**
 - A. Data-type conversions'
- VI. **VBScript operators.**
 - A. Arithmetic operators.
 - B. Comparison operators.
 - C. Logical operators.
- VII. **Working with arrays.**
 - A. One dimensional arrays
 - B. Multi-dimensional arrays
 - C. Static and dynamic arrays.
 - D. Splitting, filtering and joining arrays.
- XVIII. **Subroutines and function procedures**
- VIII. **Conditional statements**
- IX. **Control loops**
- X. **Coding conventions**
- XI. **Interaction Functions.**
- XII. **String manipulation functions**
 - A. Formatting Strings, numbers and dates.
- XIII. **Dates and times functions**
- XIV. **Math functions.**
- XV. **Data type validation functions.**
- XVI. **Array Functions.**
- XVII. **Introduction to working with objects.**
 - A. Dictionary object.
 - B. File System object.