Course Guide

QTP Automation

"Thank you for providing the detailed testing training with a hands-on practical approach. I've learned a lot of new ways of testing different applications"

- Harry Vadagama. Test Engineer, Dell

SKIVA

QTP Automation

Test automation can be very good ROI if implemented effectively and results in quality improvement of overall project. This course aims to help you understand and identify the test cases that needs to be automated .This helps to reduce redundancy for regression testing .At the end of course you will have automation skills which you can apply to your project .This course will also help you to assess different automation tools and choose the right one for your project.

Pre-Requisites

No Pre-Requisites Required.

Course Objectives

- ☑ What is Test Automation and why is it needed?
- ☑ How to create Test Automation Plan for your Project
- ☑ How to choose the tests to be automated?
- ☑ How to analyse and pick right tool
- ☑ How to practically do Test Automation
- ☑ Why learning QTP and what are the other Test Automation Tools

Course Audience

- ☑ Software Testers who are willing to do Test Automation
- ☑ Developers who want to do "Record Playback" or Detailed Test Automation
- ☑ Project Managers who are actively involved in Test Automation

Course Content

Module 1: Test Automation

- ☑ Introduction to Test Automation
- ☑ Test Planning
- ☑ Pickup up the Right Tool

Module 2: VB Scripting Basics

- ☑ Basics
- ☑ Variables
- ☑ Data Types
- ☑ Operators
- ☑ Loops and Conditions
- ☑ Procedure and Functions
- ☑ Classes and Objects
- ☑ Errors

Module 3: Introduction to QTP

- ☑ Overview
- ☑ Test Automation
- ☑ Disadvantages of Manual Testing
- ☑ Disadvantages of Test Automation
- ☑ Advantages of Test Automation
- ☑ Types of Automation
- ☑ Basic Features Of QTP

- ☑ Supporting Environments
- ☑ Version History :
- ☑ Types of Licences
- ☑ Built-in Features
- ☑ Integrated Tools from HP and Others
- ☑ Why should I use QTP?

Module 4: Quick Test Window - Key Elements of QTP

- ☑ QTP Toolbars
- ☑ QTP Panes
- ☑ QTP IDE

Module 5: Generating the basic tests

Module 6: Debugging the tests

- ☑ Debug Commands
- ☑ Inserting/Removing Breakpoints
- ☑ Watching Variables
- ☑ Changing Variable Values
- ☑ Debug Viewer Window

Module 7: Running tests

- ☑ Normal Execution
- ☑ Test Batch Execution

Module 8: Analysing the Results

- ☑ Test Result Viewer
- ☑ Analysing Test Results
- ☑ Exporting Test Results
- ☑ Test Results Deletion

Course Content

Module 9: Reporting Defects

- Manual Defect Reporting
- Tool based Defect reporting
- Integration with Quality Centre

Module 10: Enhancing QTP tests in Details

- Recording Modes
- Context Sensitive Mode
- Object Repository
- Object Identification
- Inserting Check points
- Synchronization
- Parameterization
- Actions
- Importing an Actions into Script
- Transaction Points
- Recovery Scenarios
- Object Spy and GetROProperty
- Output values

Free Seminars

- Software Testing Seminar
- Software Testing Workshop
- Website Development Seminar
- Career Development Seminar

Training Courses

Software Testing

- Software Testing Career Package
- User Acceptance Testing
- Selenium Training
- Software Testing Training
- ISTQB Foundetion Testing
- LoadRunner Training
- Agile Testing Training
- QTP Training
- JMeter Training

Web Development

- Microsoft .Net - Hands On
- Microsoft .Net - Advanced
- Fundamentals of Java

Scripting & Database

- VB Scripting
- SQL for Testers
- SQL Server

Certifications

ISTQB® Certified Tester Foundation Level

hp QuickTest Professional

Se

hp Loadrunner

Apache JMeter

Microsoft CERTIFIED Technology Specialist

Microsoft CERTIFIED Professional Developer

PMI. Project Management Institute

Atlassian JIRA

Microsoft SQL Server