

# Wizards Training

## Advanced QA Automated Tools Training Course Curriculum

Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm

Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm Training

### Writing VBScripts

- ❖ Record and Play
- ❖ Writing and Executing simple vbscripts in qtp
- ❖ Creating Procedures and Functions
- ❖ Creating and Calling QTP libraries script dynamically or manually
- ❖ Loading Object Repository during RunTime
- ❖ Using methods for different webedit objects etc
- ❖ Data Sets
- ❖ VBscript to retrieve and save data from data table
- ❖ Calling and Modifying external data sheets in QTP
- ❖ VBScript to use Excel Objects in QTP
- ❖ Check Points
- ❖ Adding Checkpoints during runtime
- ❖ Error Handling
- ❖ Using different objects for error handling
- ❖ Excel Object Error Handling
- ❖ Recovery Scenarios
- ❖ Creating Recovery Scenario
- ❖ VBScript to add recovery scenario during run time
- ❖ VBScript to add test settings during run time
- ❖ Connecting Quality Center
- ❖ VBScript to connect to Quality Center
- ❖ VBScript to upload results to Quality Center

### FrameWorks

#### Data Driven FrameWork

- Parameterization in vuser scripts
- Introduction and Understanding different protocols supported in VUGen
- Understand and Setting VUGen environment
- Creating, running and organizing scripts in virtual generator
- Adding Application response time, Rendezvous at app and DB level, Inserting Comments in scripts
- Understand the need to parameterize data
- Creating parameters in vuser scripts
- Using different techniques of parameterization

Training Location: 1033 Sterling Road, Ste. 103, Herndon-VA-20170. USA.  
Ph: 703-263-7278 Fax: 703-935-8849 training @wizardsedu.com  
(Behind Fuddruckers @ Cross Roads of Dulles on Elden Street)

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### Virtual User Generator

- ✚ Controller
- ✚ Understanding the logistics behind scenarios
- ✚ Components of Controller and setting up scenarios
- ✚ Setting up Windows monitors
- ✚ Scheduling a scenario includes Setting up a scenario, Adding vusers, assigning groups to different load generators, managing different options in controller.
- ✚ Monitor scenario for performance monitors, vuser monitors.
- ✚ Stop a scenario and Results Configuration
- ✚ Load Runner Installation
- ✚ Pre and Post Installation
- ✚ VBScript Coding standards
- ✚ File Naming Conventions
- ✚ Variable Naming Conventions
- ✚ Adding Comments to the functions

### ADVANCED LOADRUNNER CURRICULUM

- ✓ Types of load testing
- ✓ Volume testing, Performance Testing, Load Testing
- ✓ Introduction, Real time usage & Scenarios,
- ✓ Differences in types of testing and planning, scheduling, Coordinate a load test
- ✓ Components of Load runner
- ✓ Real time scenarios during load testing
- ✓ Discussion of real time scenarios faced during testing of real business application

### Advanced Quality Center

- ❖ Installing Quality Center
- ❖ Creating and Managing Domains, Projects, Groups and Users.
- ❖ Writing VBScript to customize Projects
- ❖ Writing VBScripts to generate reports from Quality Center tables
- ❖ Creating and Modifying Environment Variables
- ❖ Troubleshooting problems related to Configuration, User Setup and VBScript
- ❖ Connecting to Quality Center using VBScript
- ❖ Uploading Data files and QTP scripts to Quality Center using VBScript

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