

Wizards Training Inc.

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

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

Training Location: 1039 Sterling Road, Ste. 103, Herndon-VA-20151. USA.

Ph: 703-263-7278 Fax: 703-935-8849 training @wizardsedu.com

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VBScript Coding standards

File Naming Conventions

Variable Naming Conventions

Adding Comments to the functions

ADVANCED LOADRUNNER CURRICULUM

- **Types of load testing**
 - o Volume testing, Performance Testing, Load Testing
 - Introduction, Real time usage & Scenarios,
 - o Differences in types of testing and planning, scheduling, Coordinate a load test
- **Components of Load runner**
- **Virtual User Generator**
 - o Introduction and Understanding different protocols supported in VUGen
 - o Understand and Setting VUGen environment
 - o Creating, running and organizing scripts in virtual generator
 - o Adding Application response time, Rendezvous at app and DB level, Inserting Comments in scripts
 - o Parameterization in vuser scripts
 - Understand the need to parameterize data
 - Creating parameters in vuser scripts
 - Using different techniques of parameterization
- **Controller**
 - o Understanding the logistics behind scenarios
 - o Components of Controller and setting up scenarios
 - o Setting up Windows monitors
 - o Scheduling a scenario includes Setting up a scenario, Adding vusers, assigning groups to different load generators, managing different options in controller.
 - o Monitor scenario for performance monitors, vuser monitors.
 - o Stop a scenario and Results Configuration
- **Load Runner Installation**
 - Pre and Post Installation
- **Real time scenarios during load testing**

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- **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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