

QTP Course Training Contents

QTP COURSE CONTENTS

INTRODUCTION TO AUTOMATION TESTING

- What is Automation testing
- Manual vs. Automation testing
- Various Automation tools
- Tool selection

INTRODUCTION TO QUICK TEST PROFESSIONAL

- Overview of QTP
- Starting QTP
- Add-in manager
- QTP window
- QTP window layouts

RECORD AND RUN

- Creating and executing basic test
- Record and Run settings
- Understanding recorded test
- Executing a test
- Understanding QTP's execution style
- Different recording modes
- Standard recording
- Analog recording
- Low level recording
- Analyzing quick test results

VB SCRIPT

- VB Script overview
- VB Script data types
- VB Script Variables
- VB Script constants
- Input box method
- VB Script functions
- Numeric functions
- String functions
- Date and time functions
- Example on Built in functions
- User defined functions

CONDITIONAL STATEMENTS

LOOP STATEMENTS

GENERAL SCRIPTS

- Script for odd numbers

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Script for prime numbers

Script for multiplication table

Other scripts on conditional addition, multiplication & so on...

ARRAY FUNCTIONS SAMPLE SCRIPTS ON

Creating Microsoft excel object

Creating file system object

- Working with flat files
- Working with MS word
- Working with internet explorer
- VB Script Objects

WORKING WITH TEST OBJECTS & OBJECT REPOSITORIES

How QTP Identifies Objects

Working with run time objects

Working with test objects

- Object repository introduction
- Identifying the objects
- Viewing the objects properties

OBJECT SPY

CONFIGURING OBJECT IDENTIFICATION

Normal identification

- Mandatory properties
- Assistive properties

Smart Identification

- Base filter properties
- Optional filter properties

MANAGING REPOSITORIES

ASSOCIATING REPOSITORIES

SYNCHRONIZATION

Synchronizing tests

Inserting synchronization point

Adding exist statement

Adding Wait statement

PARAMETERIZING TESTS

Using data driver

Using keyword view

By inserting statements manually

Crte data driven tests

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Local and global sheets
Design time and run time datatables

CHECK POINTS

ADDING CHECKPOINTS TO A TEST

Adding checkpoints while recording
Adding checkpoints while editing

TYPES OF CHECKPOINTS

Standard checkpoint
Text checkpoint
Text area checkpoint
Bitmap checkpoint
Database check point
XML checkpoint

OUTPUT VALUES

Output values introduction
Crating output value
Storing output values
Viewing output values

WORKING WITH ACTIONS

Introduction to actions
Benefits of actions
Creating new action
Inserting new action
Inserting copy of action
Inserting existing action
Creating action template

WORKING WITH DATA TABLES

Introduction to data table
Working with global and action sheet
Working with spreadsheets
Importing and exporting data

- Importing data from excel sheet
- Importing data from flat file
- Importing data from database
- Exporting data to a spreadsheet

DIFFERENT DATA TABLE METHODS

REGULAR EXPRESSIONS

Introduction to regular expression
Defining regular expression

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Running test with regular expression

RECOVERY SCENARIOS

Introduction to recovery scenarios
When to use recovery scenarios
Defining recovery scenario
Recovery scenario manager
Associating recovery scenarios to test

FUNCTIONS

Creating functions
Advantage of using functions
Using functions in a test

MISLENEOUS

Step generator
Tools>view options
Tools>options
Virtual object manager
Transactions
Reporter events

AUTOMATION FRAMEWORKS

Linear
Modular
Keyword driven
Hybrid

QTP ADVANCED CONCEPTS

Descriptive programming
Working with web objects
Working with web tables
QTP Automation object model
Test batch runner
Password encryption
Handling dynamic objects

WORKING WITH QUALITY CENTER

Connecting to quality center
Disconnecting from quality center
Saving tests into quality center
Opening tests from quality center

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