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



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

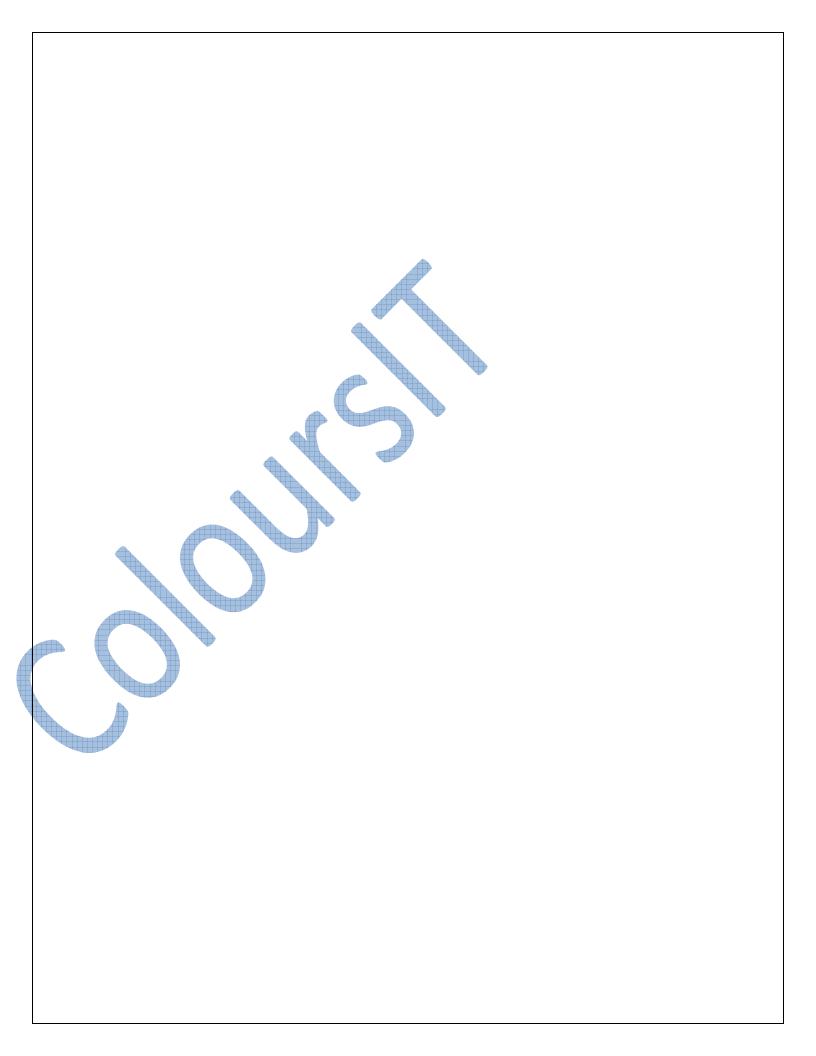
ASSOCIATING REPOSITORIES

SYNCHRONIZATION

Synchronizing tests Inserting synchronization point Adding exist statement Adding Wait statement

PARAMETERIZING TESTS

Using data driver Using keyword view By inserting statements manually Crate 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

MISLLENEOUS

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

