

Tosca

Mode of Training: Online, Classroom, Corporate

Faculty: Mr. RAMPRASAD

Course Duration: 30 Days

Course Curriculum



Introduction to Automation

1. What is automation
2. When and Why automation
3. Advantages and Disadvantages

Introduction to Tosca

1. Brief intro on other tools
2. Pros & Cons of other tools
3. Tosca introduction

Installation / Setup

1. System Requirements
2. Process to install Tosca
3. Import Standard Module
4. Tosca Architecture



Tosca Commander

1. Tosca Addons/Sections
 - a. Requirements
 - b. Modules
 - c. Test Cases

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- d. Execution List
- e. Test Case Design

2. Check in , Checkout and Update All

Record / Playback

- 1. Record and playback features
- 2. Generate script via recording

Modules and Test Cases Section

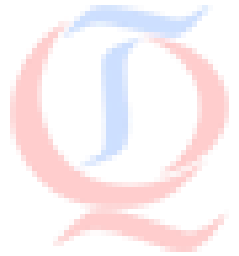
- 1. What is Object Identification
- 2. How Tosca identifies objects
- 3. How to scan and create module
- 4. Create a basic test case
- 5. Various methods for Object Identification
 - a. By Properties
 - b. By Anchor
 - c. By Image
 - d. By Index
- 6. Exercises



Action Modes

1. Working with various action modes
 - a. Input
 - b. Verify
 - c. WaitOn
 - d. Buffer
 - e. Select
 - f. Constraint

2. Exercises



Synchronization

1. WaitOn
2. Default Settings
3. Static Wait

Standard Modules

1. Buffer Operations
 - a. How to set buffer
 - b. How to delete a buffer
 - c. Partial buffer

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2. Expression Evaluator
3. Window Operations
 - a. Send Keys
 - b. Window Operations
4. Process Operations

Reusable Test Step Blocks

1. Create and use Libraries
2. Exercises

Conditions and Loops

1. Conditional Statement
2. If Else Condition
3. Repetitions



Working with Tables

1. Use of Constraint
2. Dynamic handling of data

Test Case Design

1. Create data in TCD

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2. Mapping and Template conversion
3. Generating test cases from Instances
4. Exercises

More on Modules

1. Adding Technical parameters
2. Steering parameters
3. Dynamic handling of Objects

Execution List

1. Create execution set
2. Test Cases linking to execution set
3. Execution Results



Hands-on Exercises – script created will cover all topics explained above.

1. Exercise 1
2. Exercise 2

Supporting Enterprises around the Globe



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