

ANDROID TESTING TRAINING PROGRAM





COURSE OVERVIEW

Automation and Automation Concepts

- Introduction to Test Automation
- Test Automation Truths or Myths
- Where to use Test Automation and Where Not
- Test Automation Process
- What is MonkeyTalk

Installation of Client & Agent

- Installation of the IDE
- Installation of the Client
- Building with Ant

Working with IDE

- Understanding the GUI
- Walkthrough Toolbar, File, Editor & Console

Understanding Basic Commands

- Component type
- Monkey ID
- Action
- Arguments
- Modifiers

Creating Basic Test & Execute

- Connect to App
- Start the app test
- Record and Filter
- Synchronize test with app
- Execute single and selected rows
- View component tree

Working with Test Script

- MonkeyTalk Project creation
- MonkeyTalk Test creation
- Editing commands

Inserting Verification Points To Verify

- Verify Table values
- Verify Device property
- Verify Position and Size
- Extending Test with JavaScript

Parameterizing of Test

- Defining parameters
- Setting default value
- Creating Data driving scripts

App Testing

- Creating test for Mobile/Native application

Managing Test Suite

- Creation of Tests
- Creation of Test Suite
- Updating of Test Suite
- Execution of Test Suite

Creating Tests on a Web Application, discuss differences in:

- Setup
- Add-Ins
- Object Recognition
- Synchronization

Misc Topics

- Use of ANT runner
- Use of Java runner
- Use of Java API
- Image Comparison