

Appium: Mobile Application Automation Tool

Duration: 4 Weeks

Prerequisites

- Knowledge of Manual Testing
- Basic understanding about Mobile Application Testing

Course Content

- Introduction to Mobile Automation
 - Various tools for mobile application?
 - What is Appium?
 - What all can be tested with Appium?
 - WebDriver Wire protocol
 - Hybrid Apps, Native Apps and WebApps
 - Concept of UIAutomator
 - When to use Selendroid and when to use Appium
 - IOS-driver
 - Drawbacks and Limitatiions
 - What is seledroid
 - Difference between Appium and Selendroid
 - Download and Configure Appium/Maven Dependency
 - Understanding difference between Api level and Android version
 - API levels and Android versions supported by Appium supported by android
 - Understanding Android Layouts Tagname not supported
 - Working with Selendroid
 - Touch Actions
 - Scroll and MobileElement
 - Swipe
 - Find dimensions of Device under test
 - TouchActions Class
 - Various functions in TouchActions Class
 - Mobile Commands and JavascriptExecutor
 - Taking screenshots
 - Dial a number and make a call with script
 - Find a contact and call contact
 - Take pic from camera
 - Handling Navigartion drawer
 - Managing date calenders
 - Building a simple test and parameterizing.
 - Running test with ant and maven to generate reports
 - Customizing reports
 - Uploading/downloading files
 - Execute function in Appium
 - Exercise Web App Testing
 - Launching Hybrid/Native Apps with Appium
 - Working with XML Viewer
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