

SELENIUM

Curriculum

Introduction

- What is automation testing
- When best to go for automation
- Advantages of Automation
- Criteria for Automation

Introduction to Selenium

- What is Selenium
- Use of selenium
- When selenium can be useful in testing
- Features of Selenium
- Differences between Selenium and QTP

Selenium Components

- Selenium IDE
- Selenium RC
- Selenium Grid

Configuration of IDE & Dev Scripts

- Recording the script
- Running the script
- How to save the recording script
- Object Identification
- Difference between
- Testcase and test suit
- Languages supported while Recording
- Synchronization in Selenium IDE
- Testing Vs Selenium IDE
- When to use Selenium IDE
- How to run the recorded script against other browsers
- Why companies are not using recording tools

Creating the Environment for Selenium RC

- Creating generic scripts in selenium
- Creating scripts by using functions
- Running the scripts in Eclipse
- Inheritance Browser commands with examples

- Interactive commands with examples
- Information commands with examples
- Validation commands with examples
- How to take data from excel sheets
- Why should we use excel sheets
- How to take large no of data from excel sheets
- How to export data to an excel sheets
- Export large no of data to an excel sheet
- How to export results after completion of execution the script
- How to use Eclipse
- Debugging the script
- Maintaining synchronization points
- How to handle Popups and alert messages
- Recognizing Similar Elements
- Working with Table Elements
- Connecting to Database

Developing reusable script

- Validations
- What is validation
- What is the use of validation in Automation testing



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