Besant Technologies

Selenium with Python Training Syllabus

Installation

- ➢ Introduction
- ➢ Configuration of Python bindings for Selenium
- ➢ Installation for Windows users
- ➢ Downloading Selenium server
- ➢ Basic Python training (If required)

Getting Started

- ➢ Simple Usage
- ➢ Example Explained
- ➢ Using Selenium to write tests
- ➢ Walk through of the example
- ➢ Using Selenium with remote WebDriver

Navigating

- ➢ Interacting with the page
- ➢ Filling in forms
- ➢ Drag and drop
- ➢ Moving between windows and frames
- ➢ Popup dialogs
- ➢ Navigation: history and location
- ➢ Cookies

Locating Elements

- ➢ Locating by Id
- ➢ Locating by Name
- ➢ Locating by XPath
- ➢ Locating Hyperlinks by Link Text
- ➢ Locating Elements by Tag Name
- ➢ Locating Elements by Class Name, CSS Selectors

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Waits

- ➢ Explicit Waits
- ➢ Implicit Waits

Page Objects

- ➢ Test case
- ➢ Page object classes
- ➢ Page elements
- ➢ Locators

WebDriver API

- ➢ Exceptions
- ➢ Action Chains
- ➢ Alerts
- ➢ Special Keys
- ➢ Locate elements By
- ➢ Desired Capabilities
- ➢ Utilities
- ➢ Firefox WebDriver
- ➢ Chrome WebDriver
- ➢ Remote WebDriver
- ➢ Web Element
- ➢ UI Support
- ➢ Colour Support
- ➢ Expected conditions Support