

Selenium WebDriver - Select Class

Handling Static Dropdowns in
Selenium

Introduction to Select Class

- Selenium can handle static dropdowns using the Select class.
- A dropdown is identified by the <select> tag.
- Options inside the dropdown are represented by the <option> tag.
- Import statement: from selenium.webdriver.support.select import Select

Methods in Select Class

- `select_by_visible_text(arg)` - Selects option by visible text.
- `select_by_value(arg)` - Selects option by value.
- `select_by_index(arg)` - Selects option by index (starting from 0).
- `deselect_by_visible_text(arg)` - Deselects option by visible text.
- `deselect_by_value(arg)` - Deselects option by value.
- `deselect_by_index(arg)` - Deselects option by index.
- `all_selected_options` - Returns all selected options.
- `first_selected_option` - Returns the first selected option.
- `options` - Returns all available options.
- `deselect_all` - Clears all selections in a multi-select dropdown.

Example Usage of Select Class

- from selenium import webdriver
- from selenium.webdriver.support.select import Select
- driver = webdriver.Chrome()
- driver.get('URL')
- dropdown = Select(driver.find_element_by_id('name'))
- dropdown.select_by_visible_text('Option1')
- dropdown.select_by_value('value1')
- dropdown.select_by_index(2)
- driver.quit()