

# 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()`