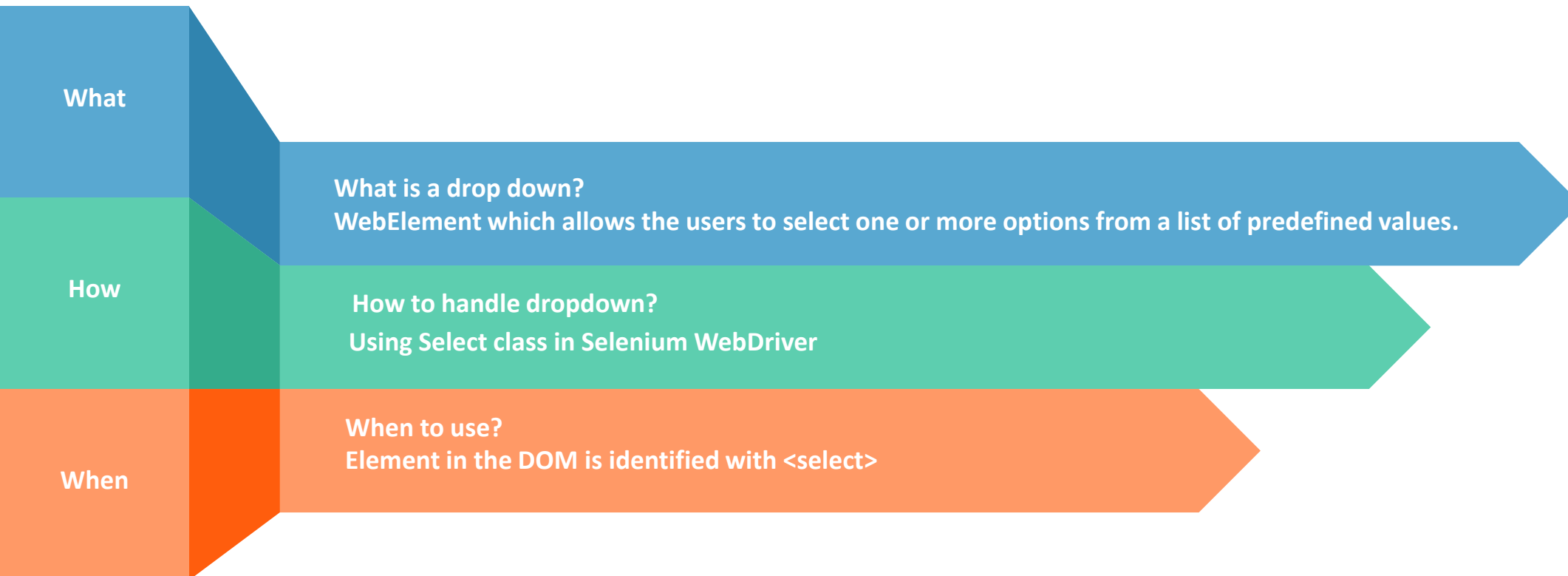


Selenium WebDriver

Handling Dropdown

The Golden Rule



How to handle Dropdown?

- ❖ Dropdown elements are designed to select an option under a particular category.
- ❖ To handle dropdown, Selenium provides special class called Select class

The screenshot displays the TestLeaf CRM/SFA application interface. The top navigation bar includes links for CRM/SFA, Docs Wiki, and eCommerce. The main menu features tabs for My Home, Leads, Contacts, Accounts, Cases, Activities, Opportunities, Quotes, Orders, Forecasts, Marketing, Partners, Teams, Reports, and opentaps. A 'Last Viewed' section shows recent activity. The left sidebar contains a 'Shortcuts' section with links to My Leads, Create Lead, Find Leads, Merge Leads, Upload Leads, and Request Catalog, along with buttons for Create Account, Create Contact, Create Case, Create Lead, and Create Opportunity. The main content area is titled 'Create Lead' and contains a form with various fields. The 'Source' dropdown menu is open, showing a list of options: Cold Call, Conference, Direct Mail, Employee, Existing Customer, Other, Partner, Public Relations, Self Generated, Tradeshow, Website, and Word of Mouth. The form also includes fields for Company Name, Forename, First Name (Local), Salutation, Title, Annual Revenue, Industry, Ownership, SIC Code, Description, Important Note, Country Code, Area Code, Extension, E-Mail Address, Parent Account, Surname, Marketing Campaign, Last Name (Local), Date of birth, Department, Preferred Currency, Number Of Employees, Ticker Symbol, Phone Number, Person to Ask For, and Web URL.

<select> structure in DOM

First name	Source	Mark
First Name (Local)	Cold Call	Las
Salutation	Conference	
Title	Direct Mail	
Annual Revenue	Employee	
Industry	Existing Customer	Pref
Ownership	Other	Numbe
SIC Code	Partner	
	Public Relations	
	Self Generated	
	Tradeshaw	
	Website	
	Word of Mouth	

Represent the dropdown element

Represents the options to select under the given dropdown element

isole Sources Network Performance Memory Application Security

```
<td id="ext-gen602">  
<select class="inputBox" name="dataSourceId" id="createLeadForm_data  
  <option value">&nbsp;</option>  
  <option value="LEAD_COLDSCALL">Cold Call</option>  
  <option value="LEAD_CONFERENCE">Conference</option>  
  <option value="LEAD_DIRECTMAIL">Direct Mail</option>  
  <option value="LEAD_EMPLOYEE">Employee</option>  
  <option value="LEAD_EXISTCUST">Existing Customer</option>  
  <option value="LEAD_OTHER">Other</option>  
  <option value="LEAD_PARTNER">Partner</option>  
  <option value="LEAD_PR">Public Relations</option>  
  <option value="LEAD_SELFGEN">Self Generated</option>  
  <option value="LEAD_TRADESHOW">Tradeshow</option>  
  <option value="LEAD_WEBSITE">Website</option>  
  <option value="LEAD_WORDOFMOUTH">Word of Mouth</option>  
</select>
```

How to use Select class?

1. Identify the element and confirm with `<select>`
2. Instantiate the Select class by passing the WebElement as argument to the constructor

Syntax:

Select options = **new Select** (WebElement);

(Select class should be imported from selenium.support.ui.Select)

Helper Methods

❑ Select Class provides different methods to select the options from the dropdown

M1: `selectByIndex(index)` ;

->uses index as input argument to select the option and the index starts from 0

M2: `selectByVisibleText("text")`;

->uses the text (black colour) from DOM of that particular option

M3: `selectByValue("value")`;

->uses value of the value attribute as input argument to the method

Let's work on

Step:1 Locate the dropdown web element

Step:2 Instantiate Select class

Step:3 Call select class method to pick the option from dropdown

Classroom : (Breakout)



1. Launch <http://leaftaps.com/opentaps>
2. Enter username as demoSalesManager
3. Enter password as crmsfa
4. Click on Login
5. Click on CRM/SFA
6. Click on Leads
7. Click on Create lead
8. Enter the mandatory fields
9. Select Employee in source dropdown using index
10. Select Automobile in MarketCampaign using visibleText
11. Select Corporation in Ownership using value
12. Click create
13. Verify the title

Quick Recall

- ✓ DOM Structure-DOM
- ✓ HTML Tags
- ✓ Locators and When to use?
- ✓ How to handle dropdown element