

Day - 01

14 May 2024 14:04

Selenium Architecture

WebDriver Architecture

WebDriver Interface methods

Introduction to HTML

Locators

WebElement Interface methods

----- Completed -----

TakesScreenshot

Xpath

- Attribute

- //tagName[@A_N = ' A-N ']

- Visible Text

- //tagName[text() = 'Visible Text']

- Contains Attribute

- //tagName[contains(@A_N, 'A_V')]

- Contains Visible Text

- //tagName[conatains(text(), 'Visible Text')]

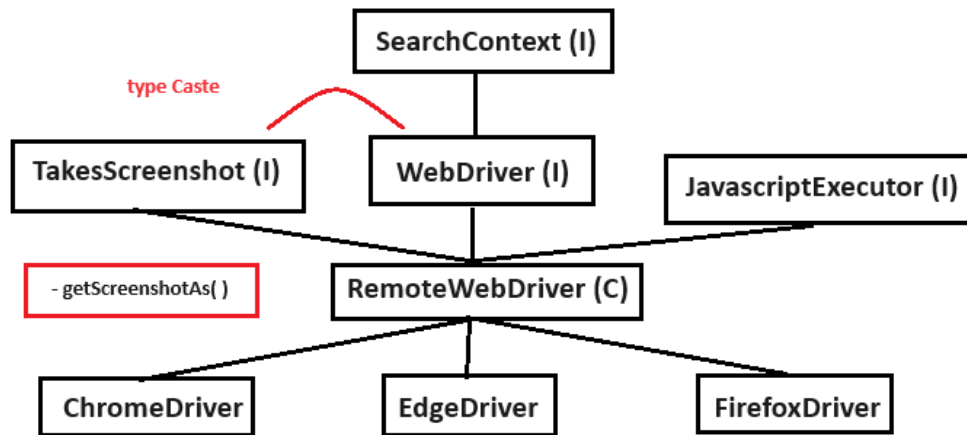
/ and //

/..

2 ways

- Entire Web Page.

- Particular Web Element.



WebDriver driver = new ChromeDriver ();

```

//Step 1 : type casting
TakesScreenshot ts = (TakesScreenshot)driver;

//Step 2 : To Capture the screen shot
File src = ts.getScreenshotAs(OutputType.FILE);

//Step 3 : Create a target folder
File trg = new File("./ScreenShot/royalenfield1.png");

//Step 4 : Copy form src to trg
FileHandler.copy(src, trg);
  
```

Steps to Capture the screen shot web element.

```

//Step 1 : Locate the WebElement
WebElement profileIcon = driver.findElement(By.xpath("//span[text()='Profile']/../.."));

//Step 2 : To Capture the Screenshot
File src=profileIcon.getScreenshotAs(OutputType.FILE);

//Step 3 : Create a target folder
File trg = new File("./ScreenShot/mynttraProfile.png");

//Step 4 : Copy from src to trg
FileHandler.copy(src, trg);
  
```

Task

- 1 - Navigate to Facebook login enter email and password --> capture the screenshot of entire web page.
- 2 - Navigate to instagram, Capture the screen shot of "login with facebook" web element.