//locate the menu to hover over using its xpath

WebElement menu = driver.findElement(By.linkText("Deals"));

//Initiate mouse action using Actions class

Actions builder = new Actions(driver);

// move the mouse to the earlier identified menu option

builder.moveToElement(menu).build().perform();

// wait for max of 5 seconds before proceeding.

// until this submenu is found

WebDriverWait wait = new WebDriverWait(driver, 5);

wait.until(ExpectedConditions.presenceOfElementLocated(By.xpath("//\*[@id=\"top\_menu\"]/ul/li[4]/ul/li[1]/ul/li[2]/a")));

//identify menu option from the resulting menu display and click

WebElement menuOption = driver.findElement(By.xpath("//\*[@id=\"top\_menu\"]/ul/li[4]/ul/li[1]/ul/li[2]/a"));

menuOption.click();

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answered Jan 17 '17 at 6:39

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1

This works for me first time, but if repeated for other menu item then it cant find or something.

WebElement menu = driver.findElement(By.your\_locator);

WebElement sub\_menu = driver.findElement(By.your\_locator);

Actions action = new Actions(driver);

action.moveToElement(menu).moveToElement(sub\_menu).click().build().perform();

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answered Apr 26 '17 at 21:39

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0

I think the way you are hovering and clicking on a sub-menu is not seems correct.

You haven't shared your html so its little bit tedious to check element you have located are correct or not. If all fine, Try following code which might help you -

WebElement menu = driver.findElement(By.your\_locator);

WebElement sub\_menu = driver.findElement(By.your\_locator);

Actions action = new Actions(driver);

action.moveToElement(menu).moveToElement(sub\_menu).click().build().perform();

**Explaination :-**

Here build() method is used to compile all the list of actions into a single step and ready to be performed

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answered Jan 16 '17 at 4:52

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0

First Mousehover to the main menu and then click any of the submenus.

WebDriverWait Wait = new WebDriverWait(driver,10);

Wait.until(ExpectedConditions.elementToBeClickable(driver.findElement(By.xpath("//[@id='top\_menu']/ul/li[4]/a"))));

Actions mousehover = new Actions(driver);

mousehover.moveToElement(driver.findElement(By.linkText("Deals"))).build().perform();

Wait.until(ExpectedConditions.elementToBeClickable(driver.findElement(By.linkText("All Deals"))));

driver.findElement(By.linkText("All Deals")).click();

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[edited Jul 28 '17 at 7:53](https://stackoverflow.com/posts/45367110/revisions)

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answered Jul 28 '17 at 7:14

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0

I'm trying to 'click' the sub-menu. Need to mouse over on to the main menu and it takes few seconds to load the sub-menu. then i need to locate the sub-menu and click it. Here is the code which i used

Actions ac = new Actions(dr);

WebElement we = dr.findElement(By.xpath(".//\*[@id='ddtopmenubar']/ul/li[1]/a"));

ac.moveToElement(we).build().perform();

WebDriverWait wait = new WebDriverWait(dr, 5);

wait.until(ExpectedConditions.presenceOfElementLocated(By.xpath(".//\*[@id='dataingestionsubmenu']/li[2]/a")));

WebElement e= dr.findElement(By.xpath(".//\*[@id='dataingestionsubmenu']/li[2]/a"));

e.click();

**import java.util.concurrent.TimeUnit;**

**import org.openqa.selenium.By;**

**import org.openqa.selenium.WebDriver;**

**import org.openqa.selenium.WebElement;**

**import org.openqa.selenium.chrome.ChromeDriver;**

**import org.openqa.selenium.interactions.Actions;**

**public class SelectCourseMouseOver {**

**static WebDriver driver;**

**static WebElement categories, subMenu, course;**

**public static String driverPath = "C:\\\\Users\\\\Anvi\_R\\\\Downloads\\\\ExtractedFiles\\\\chromedriver\_win32\\\\chromedriver.exe";**

**public static void main(String[] args) throws InterruptedException {**

**System.setProperty("webdriver.chrome.driver", driverPath);**

**driver = new ChromeDriver();**

**driver.manage().window().maximize();**

**driver.manage().timeouts().implicitlyWait(5, TimeUnit.SECONDS);**

**driver.get("**[**https://edureka.co**](https://edureka.co)**");**

**categories = driver.findElement(By.xpath("//a[@class='cat\_btn hidden-xs giTrackElementHeader']"));**

**subMenu = driver.findElement(By.xpath("//li[@class='course\_category\_name\_menu']//a[@id='software-testing-certification-courses']"));**

**course = driver.findElement(By.id("c535"));**

**Actions action = new Actions(driver);**

**action.moveToElement(categories).perform();**

**action.moveToElement(subMenu).perform();**

**action.moveToElement(course).click().perform();**

**// Thread.sleep(3000);**

**// driver.close();**

**}**

**}**

I wanted to select a menu navigation (e.g: Admin->User Management->User Roles)

By admin = By.id("menu\_admin\_viewAdminModule");

By uMgmt = By.id("menu\_admin\_UserManagement");

By uRoles = By.id("menu\_admin\_viewUserRoles");

By username = By.id("searchSystemUser\_userName");

By search = By.id("searchBtn");

WebDriver driver2 = driver;

Actions act = new Actions(driver2);

WebElement wadmin = driver2.findElement(admin);

WebElement wusermgmt = driver2.findElement(uMgmt);

WebElement wuserroles = driver2.findElement(uRoles);

act.moveToElement(wadmin).moveToElement(wusermgmt).moveToElement(wuserroles).click().build().perform();

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asked Jan 24 '17 at 9:40

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**2 Answers**

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3

You can use the [Actions API](https://seleniumhq.github.io/selenium/docs/api/java/org/openqa/selenium/interactions/Actions.html) for that, given that the browser you use supports it. The following should do the trick with Chrome:

1. Moves the mouse over the "Admin" button
2. Waits until the "User Management" button is visible
3. Moves the mouse over the "User Management" button
4. Waits until the "Users" button is visible
5. Clicks the "Users" button:

**Java**

WebElement admin = driver.findElement(By.xpath("//b[contains(., 'Admin')]"));

new Actions(driver).moveToElement(admin).perform();

WebElement userManagement = new WebDriverWait(driver, 5).until(ExpectedConditions.elementToBeClickable(By.id("menu\_admin\_UserManagement")));

new Actions(driver).moveToElement(userManagement).perform();

WebElement users = new WebDriverWait(driver, 5).until(ExpectedConditions.elementToBeClickable(By.id("menu\_admin\_viewSystemUsers")));

users.click();

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answered Jan 24 '17 at 11:31

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1

You can perform this by using linkText or partialLinkText:

// System.setProperty("webdriver.chrome.driver", "yourChromeLocation\chromedriver.exe");

WebDriver driver = new ChromeDriver();

driver.get("https://enterprise-demo.orangehrmlive.com/");

driver.findElement(By.id("txtUsername")).sendKeys("Admin");

driver.findElement(By.id("txtPassword")).sendKeys("admin");

driver.findElement(By.id("btnLogin")).click();

WebElement admin = driver.findElement(By.xpath("//b[contains(., 'Admin')]"));

new Actions(driver).moveToElement(admin).perform();

WebElement userManagement = new WebDriverWait(driver, 5).until(ExpectedConditions.elementToBeClickable(By.id("menu\_admin\_UserManagement")));

new Actions(driver).moveToElement(userManagement).perform();

//driver.findElement(By.partialLinkText("User Roles")).click();

WebElement users = new WebDriverWait(driver, 5).until(ExpectedConditions.elementToBeClickable(By.linkText("User Roles")));

users.click();

ss