



Selenium Easy

For Complete Web Automation Testing Tutorials using Selenium Webdriver

Home >> Selenium Tutorials >> Element is not clickable at point SeleniumWebDriverException

Element is not clickable at point SeleniumWebDriverException

This issue comes only when working with chrome driver as the chrome browsers uses point location. When the element position is not fixed and we are trying to do some action on that particular element will result an error as 'selenium.common.exceptions.WebDriverException - Element is not clickable at point (xx, xx). Other element would receive the click'.

This happens when the element is loaded into the DOM, but the position is not fixed on the UI. There can be some other divs or images or ads that are not loaded completely. And ChromeDriver always tries to click the middle of the element.

There are work around that worked to resolve the issue. But to make sure the best and simple solution is to find out the exact reason to fix the problem. We need to figure out which part of the div/image is taking time to load. Before clicking on an element we need to make sure the element is present in the DOM, visible in the UI and the last is Position is fixed. When the element position is fixed the problem is solved. If you want to check that, try Thread.sleep or verify in debug mode.

But using Thread.sleep is not at all a good idea. Instead we should go for WebDriverWait ExpectedConditions.

There are many Conditions that we can use withing Webdriver tests.

1. visibilityOf(WebElement element) : An expectation for checking that an element, known to be present on the DOM of a page, is visible.
2. visibilityOfElementLocated(By locator) : An expectation for checking that an element is present on the DOM of a page and visible.

In the above two conditions we are waiting for an element to be present on the DOM of a page and also visible. These works fine only when the element is loaded completely.

Even though the element is loaded and visible. For chrome driver the position of the element is also important. Remember this will work perfectly on Firefox driver.

Then How to solve this problem in Chrome????? . You can also check the number of comments and discussions on Chrome Element is not clickable issue

The below are the different work around that worked for people who also faced the same problem.

1. This is a simple solution that worked for many people. Try to maximize the browser when you are working with resolutions greater than 1024x768.

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

2. The other solution which also worked for few users using Actions Class

```
WebElement element = driver.findElement(By("element"));  
Actions action = new Actions(driver);  
action.moveToElement(element).click().perform();
```

3. It worked for some using JavaScriptExecutor. Make sure to import org.openqa.selenium.JavascriptExecutor;

```
JavascriptExecutor js = (JavascriptExecutor)driver;  
// if the element is on top.  
js.executeScript("scroll(250, 0)");  
  
// if the element is on bottom.  
js.executeScript("scroll(0, 250)");
```

4. You can also try the below using X or Y position

```
WebElement element = driver.findElement(By.id(""));  
JavascriptExecutor js =(JavascriptExecutor)driver;  
js.executeScript("window.scrollTo(0,\"element.getLocation().y+\")");  
element.click();
```

Or

```
WebElement element = driver.findElement(By.id(""));  
JavascriptExecutor js =(JavascriptExecutor)driver;  
js.executeScript("window.scrollTo(0,\"element.getLocation().y+\")");  
element.click();
```

› Passing data to DataProvider from Excel sheet
Extract PDF text And Verify Text Present in PDF using WebDriver ›

Tags:

Exceptions

Selenium Tutorials:

Selenium Tutorials

Selenium Tutorials

- › Introduction to selenium
- › Basic HTML concepts required for Selenium
- › Locators for Selenium
- › How to Run Webdriver in chrome browser?
- › How to run webdriver in IE browser?
- › Selenium webdriver using Eclipse
- › Synchronization in Selenium Webdriver
- › XPath tutorial for Selenium
- › CSS selectors for Selenium with example
- › Firefox Not Connected Exception in Selenium
- › Handle windows popups using Selenium Webdriver
- › Working with Frames in Selenium Webdriver
- › How to handle javascript alerts, confirmation and prompts?
- › Defining Firefox Profile preferences using Selenium Webdriver
- › Why Automation Testing is required?
- › Importance of Automation Testing
- › Mouse Hover Actions in Selenium Webdriver
- › StaleElementReferenceExceptions in Selenium Webdriver
- › Difference between Webdriver get() and Webdriver navigate()
- › Navigation Methods in Webdriver with Examples
- › Handling Cookies in Webdriver
- › How to addcookie with Selenium Webdriver
- › How to delete Cookies in Selenium Webdriver
- › WebDriver Methods
- › Automation Test Frameworks
- › Taking Screenshot using Webdriver
- › Webdriver SELECT Methods to work with Dropdowns
- › Webdriver Select with Multiple Attribute
- › Handling keyboard events and mouse hover events using Webdriver
- › Set browser width and height in Selenium Webdriver
- › Selenium Automation Framework Example
- › UI Map or Object Repository using Properties File
- › Test Data in automation framework
- › Reporting Structure in Selenium Automation Framework
- › Test Configuration File / Executable File
- › Uploading a file with Selenium Webdriver

- › Upload file using AutoIT
- › Uploading a file with sendKeys method
- › Read data from Properties file using Java Selenium
- › Scrolling web page with Selenium Webdriver using java
- › Keyword Driven Framework Example
- › Install Autolt in Windows
- › Examples with xpath and Css (ID, Name, Text and Links)
- › Testing in multiple browsers using selenium and testng
- › Working with Checkbox using Resuable Methods
- › Working with Select examples
- › File upload using Robots
- › Download file using selenium webdriver
- › Perform operations on new window
- › Introduction to Page Object Model Framework
- › Mouse hover using javaScript Executor
- › Working with Multiple Checkboxes with Safecheck
- › Click element using JavaScriptExecutor
- › Drag and Drop using Webdriver Action Class
- › WebDriver Waits Examples
- › Simple Page Object Model example
- › Double Click on element using Webdriver
- › Right Click Context Menu example
- › Working with AutoComplete Text box
- › Working with Date Picker Calendar
- › Working with Ajax controls using Webdriver
- › Get Attribute values using Webdriver
- › Get Css values using Webdriver
- › Resizing a web element using movebyoffset
- › Validate Downloaded file after clicking on downloaded button/ link
- › How to verify entries in Exported CSV file
- › Element is not clickable at point
SeleniumWebdriverException
- › Extract PDF text And Verify Text Present in PDF using WebDriver
- › Handling Authentication Window with WebDriver (In Firefox, Chrome and IE)

Recent Post

Handling Authentication Window with WebDriver
(In Firefox, Chrome and IE)

Automation Framework

- › Framework Structure
- › Object Repository

Selenium Webdriver Tutorials

Locators for Selenium

Optional annotation in TestNG

Parameterization in TestNG using testng.xml

- › Test Data
- › Test Scripts
- › Reports
- › Configuration and Execution

Tags Cloud

Asserts(1) AutoComplete(1) Autolt(2) Automation
(3) Build.xml(1) Checkboxes(2) Cookies(3) Css(2)
Css Examples(2) DataProvider(1) Date Picker(1)
Drag and Drop(1) Exceptions(4) File Download(3)
Firefox Profile(2) Framework Frameworks(5) iFrames
(1) Interview Questions(1) JavascriptExecutor(3)
JUnit(2) Keyword Driven(1) Listeners(3)
Manual Testing(1) Maven(5) Mouse Hover(2)
Page Object Model(2) Page Scroll(1) Parallel Test
(3) properties file(1)

Home

- › Home
- › Tutorials
- › About
- › Contact
- › Privacy Policy
- › Site Map

Tutorial Menu

- › Selenium Tutorials
- › TestNG Tutorial
- › JUnit Tutorial
- › JXL Tutorial
- › Apache POI
- › ANT Tutorial
- › Maven Tutorial

Selenium Tutorials

- › Basic Webdriver Tutorials

- » [Advanced Webdriver Tutorials](#)
- » [Selenium Framework Examples](#)
- » [JavascriptExecutor Examples](#)

Interview Questions

- » [Testing Concepts](#)
- » [Quality Standards](#)
- » [General Questions](#)
- » [Roles & Responsibilities](#)
- » [Technology & Environment](#)

Copyright © 2015 - All Rights Reserved : Selenium Easy

We welcome your questions and requests