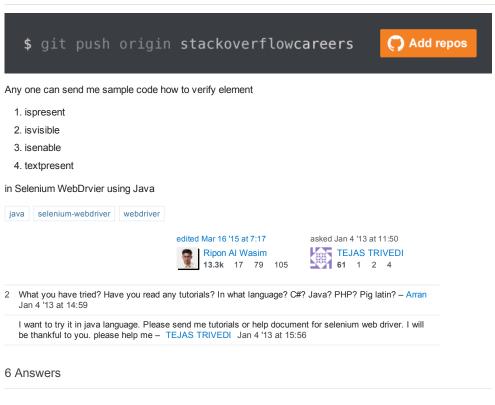
sign up log in tour help

Stack Overflow is a community of 4.7 Join the Stack Overflow community to: million programmers, just like you, helping each other. Join them; it only takes a minute: Ask programming Get recognized for your Answer and help Sign up questions your peers expertise

How to verify element present or visible in selenium 2 (Selenium WebDriver)



I used java print statements for easy understanding.

1. To check Element Present:

```
if(driver.findElements(By.xpath("value")).size() != 0){
   System.out.println("Element is Present");
   }else{
   System.out.println("Element is Absent");
  Or
   if(driver.findElement(By.xpath("value"))!= null){
   System.out.println("Element is Present");
   }else{
   System.out.println("Element is Absent");
2. To check Visible:
   if( driver.findElement(By.cssSelector("a > font")).isDisplayed()){
   System.out.println("Element is Visible");
   System.out.println("Element is InVisible");
3 To check Enable:
   if( driver.findElement(By.cssSelector("a > font")).isEnabled()){
   System.out.println("Element is Enable");
   }else{
   System.out.println("Element is Disabled");
```

4. To check text present

```
if(driver.getPageSource().contains("Text to check")){
```

```
System.out.println("Text is present");
}else{
System.out.println("Text is absent");
}
```

answered Jan 18 '13 at 11:05

Manigandan

2,286 1 7 34

Theses examples would be better using the ExpectedConditions class. - djangofan Dec 31 '13 at 19:06

Work on work you love. From home.





You could try something like:

```
WebElement rxBtn = driver.findElement(By.className("icon-rx"));
WebElement otcBtn = driver.findElement(By.className("icon-otc"));
WebElement herbBtn = driver.findElement(By.className("icon-herb"));
Assert.assertEquals(true, rxBtn.isDisplayed());
Assert.assertEquals(true, otcBtn.isDisplayed());
Assert.assertEquals(true, herbBtn.isDisplayed());
```

This is just an example. Basically you declare and define the WebElement variables you wish to use and then Assert whether or not they are displayed. This is using TestNG Assertions.



thanks a lot..I will try it in my project - TEJAS TRIVEDI Jan 6 '13 at 13:05

i try above example but it is not execution next steps if previous assertion is fail. I want to use verify instead of assertion so it can run next test steps. And i also make to fail whole test case if anyof the assertion and verificatin is failed — TEJAS TRIVEDI Jan 7 '13 at 16:27

So what I gathered from your response is that you would like to have the test continue even if the assertion fails. Is that correct? - DarthOpto Jan 7 '13 at 21:32

yes i want exactly what u have written. i want to have test continue even if the test assertion is fail and in last after all test step execution mark test result as fail result in report. But it should complete all step execution. — TEJAS TRIVEDI Jan 8 '13 at 11:40

What language are you using? If Java are you using TestNG or JUnit? - DarthOpto Jan 8 '13 at 16:51

Refer following link for checking presence of an element on the page: http://seleniumwebdriverfaq.blogspot.in/2012/03/how-can-i-check-presence-of-webelement_5206.html

For visible check you can use .isDisplayed() method.

```
answered Jan 7 '13 at 4:29

Surya
2,126 9 16
```

Here is my Java code for Selenium WebDriver. Write the following method and call it during assertion:

```
protected boolean isElementPresent(By by){
    try{
         driver.findElement(by);
         return true;
    }
    catch(NoSuchElementException e){
        return false;
    }
}
```

answered Mar 16 '15 at 7:06

Ripon Al Wasim

13.3k 17 79 105

Try using below code:

```
private enum ElementStatus{
    VISIBLE,
    NOTVISIBLE.
```

```
ENARI ED.
         NOTENABLED,
        PRESENT,
        NOTPRESENT
    private ElementStatus isElementVisible(WebDriver driver, By by,ElementStatus
getStatus){
        try{
              if(getStatus.equals(ElementStatus.ENABLED)){
                  if(driver.findElement(by).isEnabled())
    return ElementStatus.ENABLED;
                  return ElementStatus.NOTENABLED;
             if(getStatus.equals(ElementStatus.VISIBLE)){
                  if(driver.findElement(by).isDisplayed())
                      return ElementStatus.VISIBLE;
                  return ElementStatus.NOTVISIBLE;
              return ElementStatus.PRESENT;
        }catch(org.openga.selenium.NoSuchElementException nse){
   return ElementStatus.NOTPRESENT;
    }
```

edited Aug 27 '15 at 2:16

answered Mar 16 '15 at 8:56



Brad Larson ♦
144k 34 325 482



To make sure that an element is present you can do the following:

```
driver.findElements(By.id("id"));
```

That will return an array, if that array size is > 0 then the element/s is present.

Also, you need to provide more information, such as language and what have you tried before asking,

Good luck



driver.findelement(By.id("id1")).isDisplayed()' driver.findelement(By.id("id2")).sendkey("test"); Here if element is not displayed it fails test case and is not going on to next step for execution. So please help me how to handle assertion and xcontinue test execution for next steps in selenium webdrier and testing. Even i also want to mark test case fail if anyone assertion is failed. — TEJAS TRIVEDI Jan 7 '13 at 16:27

id is unique, you should use .findElement() for it .findElements() is for eg. By.ClassName() – Brunis Mar 17 15 at 11:07

protected by Community • May 1 '14 at 22:08

Thank you for your interest in this question. Because it has attracted low-quality or spam answers that had to be removed, posting an answer now requires 10 reputation on this site.

Would you like to answer one of these unanswered questions instead?