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## HOW TO CLICK AN ITEM IN A SUBMENU (UL) LIST USING PYTHON, SELENIUM

Posted on November 14,2019 by admin

I spent literally 3 days trying to simply click a logout link with Selenium. I searched every stackoverflow post I could find until I found [this one](#).

I had tried pretty much everything I could to try to click the logout link which was the fifth item down in the move-over list.

I tried `find_element_by_xpath`, `find_element_by_id`, `find this`, `find that`, `blah blah blah`

Finally, it was indeed the `find_element_by_css_selector` that worked.

The only thing is I still do not know WHY the xpath option didn't work for this list while the others did. Hmm. Whatever. Probably will figure it out later....HOW TO CLICK AN ITEM IN A SUBMENU (UL) LIST USING PYTHON, SELENIUMThe only thing is I still do not know WHY the xpath option didn't work for this list while the others did. Hmm. Whatever. Probably will figure it out later....

so, here is a code block of what worked for me to move to a mouse-over menu and click the menu's submenu item using Selenium and python (my css selector is just a fake example of course so paste your correct one in):

Edit: I also realized I had to click on the button \*above\* the actual unordered list (UL) element to trigger the drop down. This tip for the 'main\_menu' element below might also help someone.

```
main_menu = driver.find_element_by_xpath("//*[@id='with-label']")
actions.move_to_element(main_menu).perform()
time.sleep(2)
WebDriverWait(driver, 10).until(EC.visibility_of_element_located((By.CSS_SELECTOR, ".css-selector-thing >
driver.find_element_by_css_selector(".css-selector-thing > ul:nth-child(2) > li:nth-child(6) > a:nth-child(1)").click
```

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