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Thread: [Page Refresh if Xpath Not Found](#)

Clockism - April 15, 2018, 5:53 pm

So I recently made a bot for supreme just for fun and to use myself, it is completed the only thing I need to fix is the refresh.

Right now I have an if statement that refreshes the page if item not found. But it only refreshes once. I need help getting it to refresh until it finds the item.

This is the code I have right now for the refresh.

```
items = driver.find_elements_by_xpath("//article[.//a[contains(.,'MLK')]]//a[.='Rainbow']//a")
if items:
    items[0].click()
else:
    driver.get("http://www.supremenewyork.com/shop/all/sweatshirts")
```

If anyone knows the syntax for it that would be great, pretty sure I need a while loop but not sure how to set it up.

Vanagander - April 15, 2018, 6:29 pm

Like this?

```
Code while true:
    time.sleep(3)
    if items:
        items[0].click()
        break
    else:
        driver.get("http://www.supremenewyork.com/shop/all/sweatshirts")
or?
```

```
Code while items[0] != true:
    driver.get("http://www.supremenewyork.com/shop/all/sweatshirts")
    time.sleep(3)
    if items:
        items[0].click()
        break
```

michalmonday - April 16, 2018, 4:29 am

<http://selenium-python.readthedocs.io/waits.html>

you could implement these:

```
Code from selenium.webdriver.support.ui import WebDriverWait
from selenium.common.exceptions import TimeoutException
```

```
timeout_value = 1 # one second
try:
```

```
elements = WebDriverWait(driver, timeout_value).until(lambda driver:  
driver.find_elements_by_xpath("//article[.//a[contains(.,'MLK')]][.//a[.='Rainbow']]//a"))  
except TimeoutException:  
    print "Elements were not found in " + str(timeout_value) + " seconds..."
```

Clockism - April 16, 2018, 11:03 am

Thanks for all the answers. Helped me out a lot.