

C: > Users > ttpli > Jupyter > Web Bot- Testing using Python.py > webFix

```
1  import pytest
2  from selenium import webdriver
3  from selenium.webdriver.common.by import By
4  from selenium.webdriver.support.ui import WebDriverWait as wait
5  from selenium.webdriver.support import expected_conditions as EC
6
7  url = "https://www.mozilla.org"
8  title = "Internet for people"
9
10 @pytest.fixture
11 def webFix():
12     driver = webdriver.Firefox()
13     driver.get(url)
14     try:
15         element = wait(driver, 10).until(EC.title_contains(title))
16     except Exception as ex:
17         print(ex)
18     yield driver
19
20     #always quit driver
21     driver.quit()
22
23 def test_add():
24     assert 2 + 4 == 6
25
```

C: > Users > ttpli > Jupyter > Web Bot- Testing using Python.py > webFix

```
26 def test_web_links(webFix):
27     webFix.find_elements_by_link_text("Learn more").click()
28     title= webFix.title
29     assert "Firefox" in title
30
31 def test_web_links(webFix):
32     links = webFix.find_elements_by_tag_name("a")
33     for link in links:
34         href = link.get_attribute("href")
35         assert 'cnbc.com' in href or 'bbc.com' in href \
36             or 'mozilla' in href or 'firefox' in href \
37             or 'buzzfeed' in href or 'getpocket' in href \
38             or 'thenextweb' in href
39
40 def test_account_form(webFix):
41     webFix.find_element_by_link_text("Get a Firefox Account").click()
42     try:
43         element = wait(webFix, 3).until(
44             EC.presence_of_element((By.CLASS_NAME, 'email tooltip-below'))
45         )
46     except Exception as ex:
47         print(ex)
48     text_input = webFix.find_element_by_tag_name('input')
49     text_input.send_keys('fjordsail@gmail.com')
50     webFix.find_element_by_id('submit-btn').click()
51     prefillEmail = 'none'
52     try:
53         prefillEmail = wait(webFix, 3).until(
54             EC.presence_of_element_located((By.CLASS_NAME,
```

C: > Users > ttpli > Jupyter > Web Bot- Testing using Python.py > test_web_links

```
40 def test_account_form(webFix):
41     webFix.find_element_by_link_text("Get a Firefox Account").click()
42     try:
43         element = wait(webFix, 3).until(
44             EC.presence_of_element((By.CLASS_NAME, 'email tooltip-below'))
45         )
46     except Exception as ex:
47         print(ex)
48     text_input = webFix.find_element_by_tag_name('input')
49     text_input.send_keys('fjordsail@gmail.com')
50     webFix.find_element_by_id('submit-btn').click()
51     prefillEmail = 'none'
52     try:
53         prefillEmail = wait(webFix, 3).until(
54             EC.presence_of_element_located((By.CLASS_NAME,
55             'prefillEmail'))
56         )
57     except Exception as ex:
58         print(ex)
59     assert 'fjordsail@gmail.com' in prefillEmail.text
60
```

