

Python Selenium

Pentru instalare:

```
pip install selenium
```

Selenium necesita un driver pentru interfatarea cu un anumit browser. In cazul Firefox este nevoie de:

<https://github.com/mozilla/geckodriver/releases>

Exemplu de script folosind Python Selenium:

```
from selenium import webdriver
from selenium.webdriver.common.keys import Keys

driver = webdriver.Firefox()
driver.get("http://www.python.org")
assert "Python" in driver.title
elem = driver.find_element_by_name("q")
elem.clear()
elem.send_keys("pycon")
elem.send_keys(Keys.RETURN)
assert "No results found." not in driver.page_source
driver.close()
```

Exemplu de test:

```
import unittest
from selenium import webdriver
from selenium.webdriver.common.keys import Keys

class PythonOrgSearch(unittest.TestCase):

    def setUp(self):
        self.driver = webdriver.Firefox()

    def test_search_in_python_org(self):
        driver = self.driver
        driver.get("http://www.python.org")
        self.assertIn("Python", driver.title)
        elem = driver.find_element_by_name("q")
        elem.send_keys("pycon")
        elem.send_keys(Keys.RETURN)
        assert "No results found." not in driver.page_source

    def tearDown(self):
        self.driver.close()

if __name__ == "__main__":
    unittest.main()
```