

Testare automata cu Python, RobotFramework si Selenium

Software necesar:

- Python : <https://www.python.org/downloads/>
- Robotframework: <http://robotframework.org/>
- Selenium web driver: <https://www.seleniumhq.org/projects/webdriver/>
- Web drivers: <https://seleniumhq.github.io/selenium/docs/api/py/index.html#drivers>

Instalare

1. Este recomandat instalarea SDK-ului de Python cu opțiunile
 - a. Adăugare cale director Python la PATH
 - b. Adăugare PIP (package manager) pentru Python
2. Instalarea robot framework-ului se face cu pip

```
pip install --upgrade robotframework-seleniumlibrary
```

Pot exista probleme de drepturi pentru utilizatorul curent (la rularea apare o eroare de tipul ImportError: No module named Selenium2Library) si atunci este recomandata instalarea cu

```
sudo pip uninstall robotframework-selenium2library
```

```
pip install --user robotframework-selenium2library
```

3. Drivererele (aplicatii exe)

Se copiaza intr-un director care este inclus in Path. De exemplu pot fi copiate in directorul in care este instalat Python

4. Testare robotframework

Se deschide un o fereastra command prompt

```
robot --version
```

Alte resurse

- <https://github.com/robotframework/SeleniumLibrary>
- https://baishanlu.gitbooks.io/robot-framework-cn-en-user-manual/content/robot_framework_user_guide/version_287.html
- <http://robotframework.org/Selenium2Library/Selenium2Library.html>
- <https://bitbucket.org/robotframework/webdemo>