

Setup of Robot Framework

Precondition

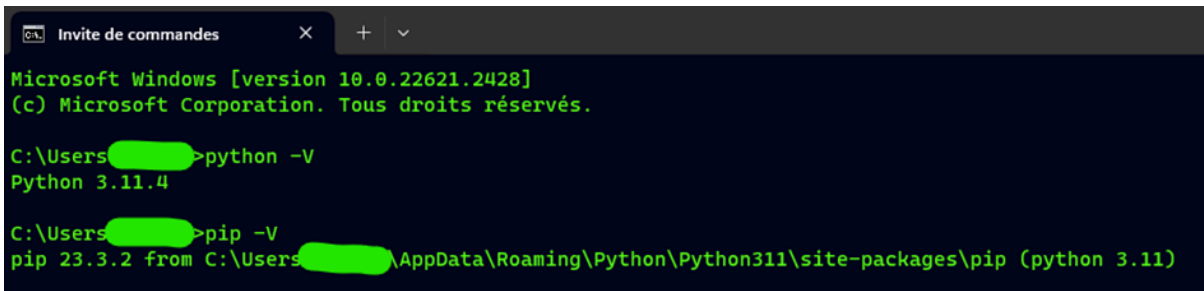
Install Python

1. If Python is not yet installed on your machine, download and install it:

<https://www.python.org/downloads/>

2. In a CMD terminal, verify that Python and pip are installed:

- a. `python -V`
- b. `pip -V`



```
Invite de commandes
Microsoft Windows [version 10.0.22621.2428]
(c) Microsoft Corporation. Tous droits réservés.

C:\Users\>python -V
Python 3.11.4

C:\Users\>pip -V
pip 23.3.2 from C:\Users\AppData\Roaming\Python\Python311\site-packages\pip (python 3.11)
```

Prepare the workspace for exercise 3

- Create a folder dedicated to the exercise "Exercise 3"
- Open a terminal and go to the new folder. All instructions that follow assume that the terminal is open and that it is in the context of new folder:

cd <path to the new workspace>

- Create a new virtual environment to install Robot Framework et the Selenium library of Robot Framework:

- a. Creation of the virtual environment « exercise3 » using venv :


python -m venv exercise3

- b. Activate the virtual environment:

- Windows: ***exercise3\Scripts\activate***
- Linux/macOS : ***source exercise3/bin/activate***

- c. Installation of Robot Framework (<https://pypi.org/project/robotframework>) :

pip install robotframework



```
(atelier3) C:\Users\<redacted>\AppData\Local\Microsoft\Windows\InPrivate\InPrivateCollection\<redacted>\Atelier 3>pip install robotframework
Collecting robotframework
  Using cached robotframework-7.0-py3-none-any.whl (726 kB)
Installing collected packages: robotframework
Successfully installed robotframework-7.0
```

- d. Installation of the Selenium library for Robot Framework (<https://pypi.org/project/robotframework-seleniumlibrary>)

pip install robotframework-seleniumlibrary

Verify the installation of Robot Framework :

robot --version

- e. Download the web drivers of your preferred browser:

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- Google Chrome :
<https://googlechromelabs.github.io/chrome-for-testing/>
(Scroll to the second table!)
 - Edge :
<https://developer.microsoft.com/en-us/microsoft-edge/tools/webdriver/?form=MA13LH#downloads>
 - Firefox : <https://github.com/mozilla/geckodriver/releases>
-
- Unzip the archive and move the executable in the new folder “Exercise 3”
 - You are now ready to start with exercise 3.
 - To execute the scripts, use one of the following commands:
 - execute a single script: ***robot -d results <nom du script.robot>***
 - execute all scripts in the folder: ***robot -d results .***

Hint: All scripts require the keyword file “keywords_EN.robot”. You will get the code during the exercise. Make sure the scripts are stored in the folder “Exercise 3” and have the extension .robot