

# Robot Framework



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# Downloads

- **Python**
- **Framework Robot**
- **Libraries**
- **IDE VsCode**

# Python

- Baixar e Executar o Instalador: <https://www.python.org/downloads>



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# Python

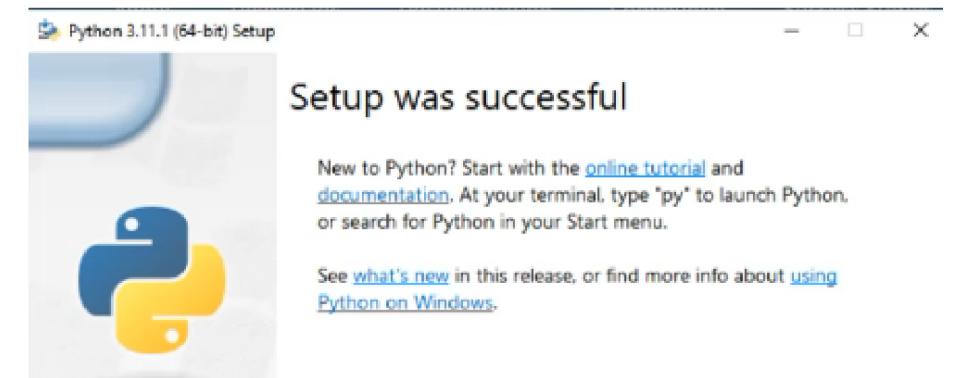
->Marcar:

- Use Admin privileges when installing py.exe
- Add python.exe to PATH



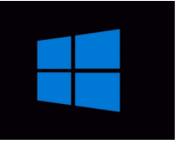
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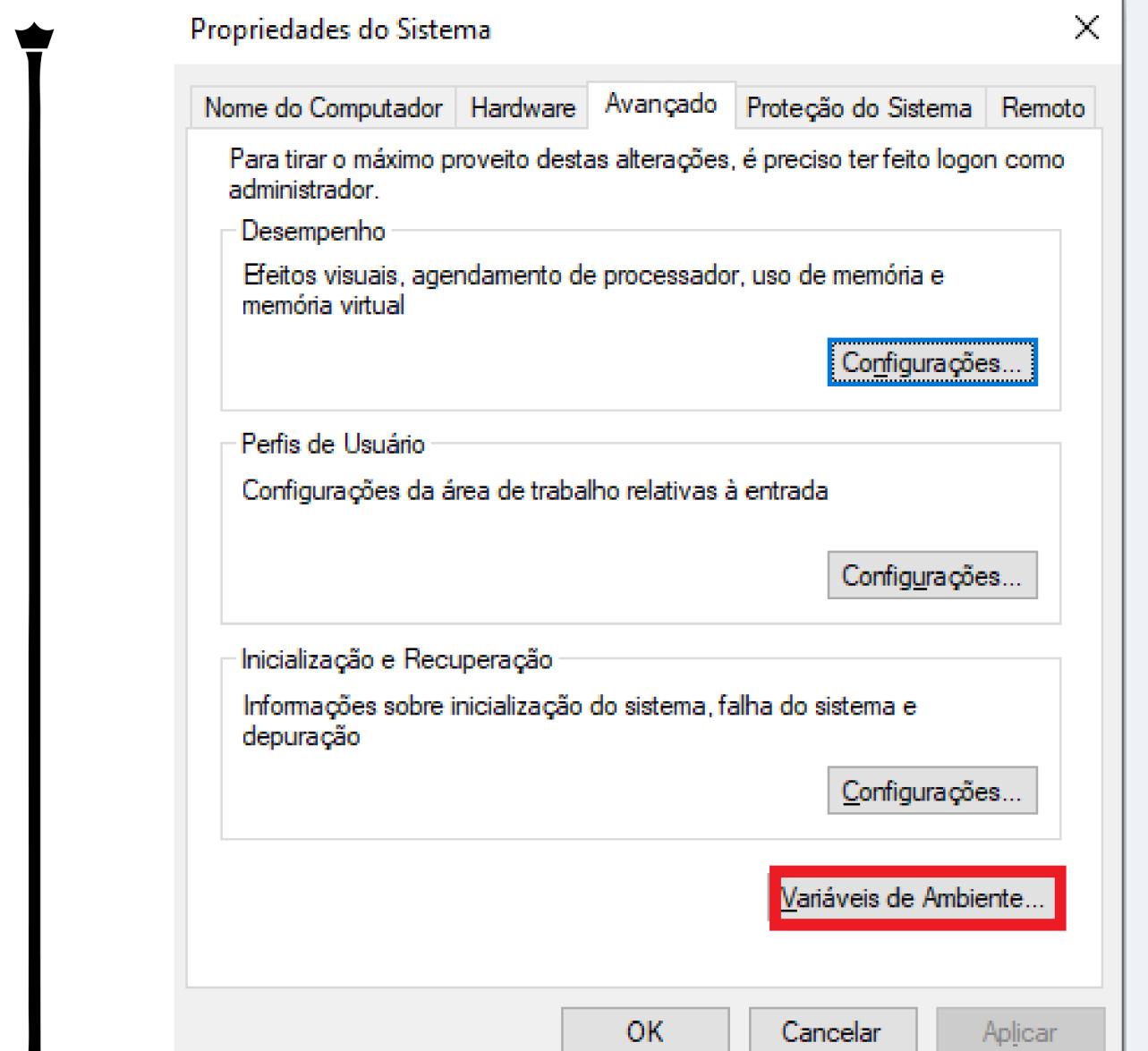
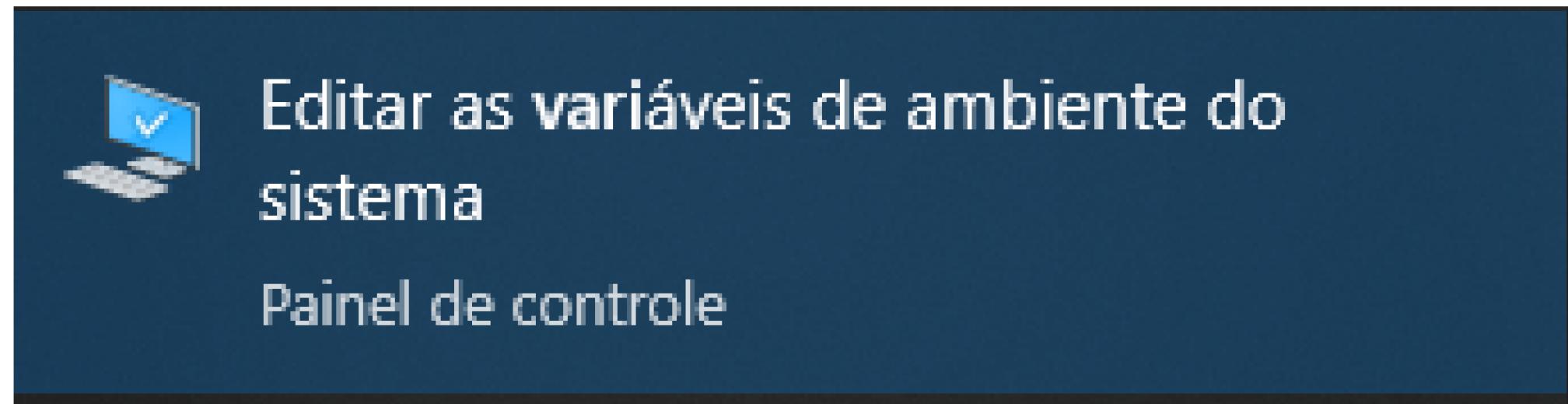
->Install Now



# Python

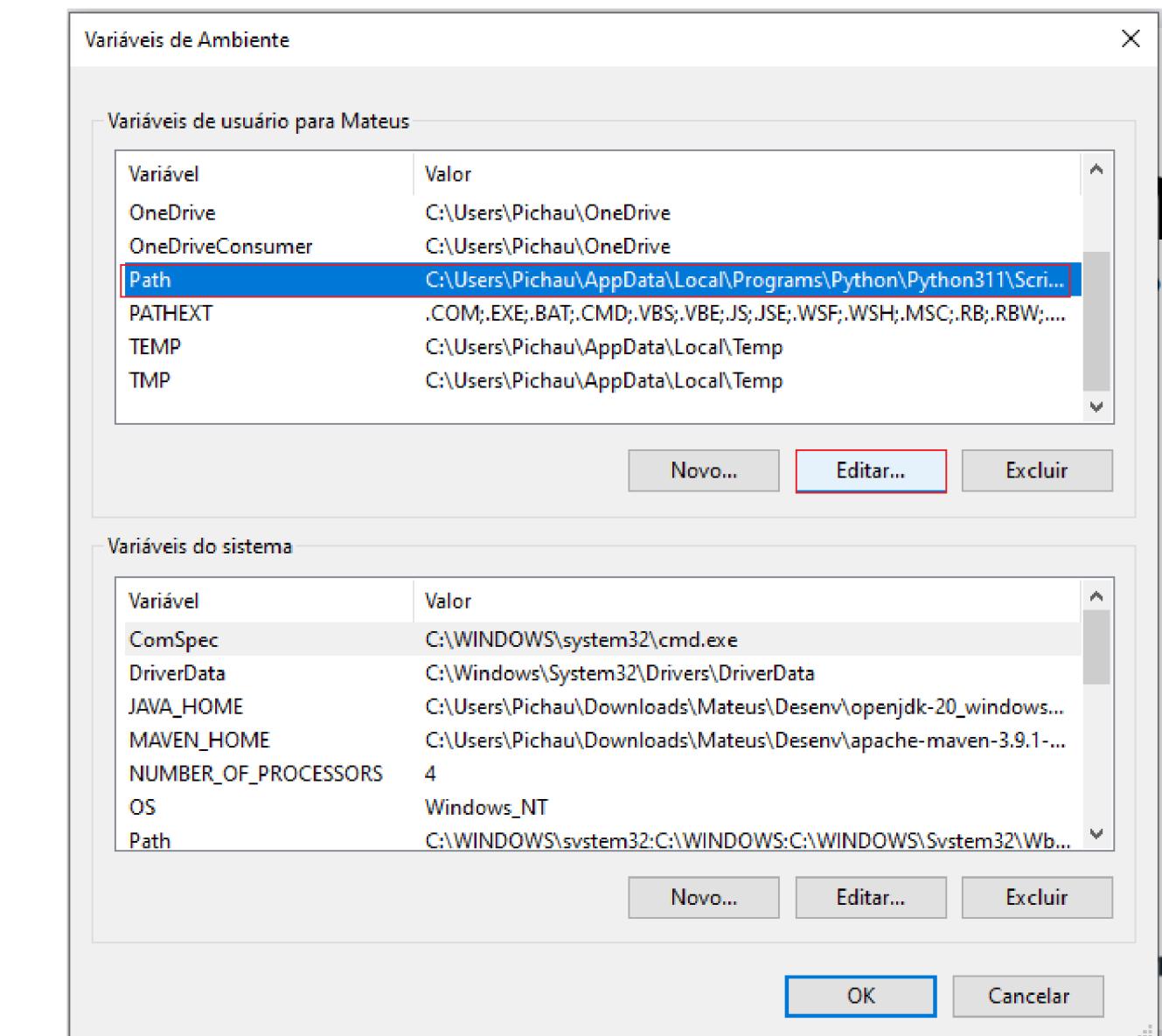
Conferindo a instalação

- Tecla Windows 
- Digite Variáveis de ambiente e acesse "Editar Variáveis de Ambiente"



# Python

- Em variáveis do usuário, selecione o campo "Path" e clique no botão Editar

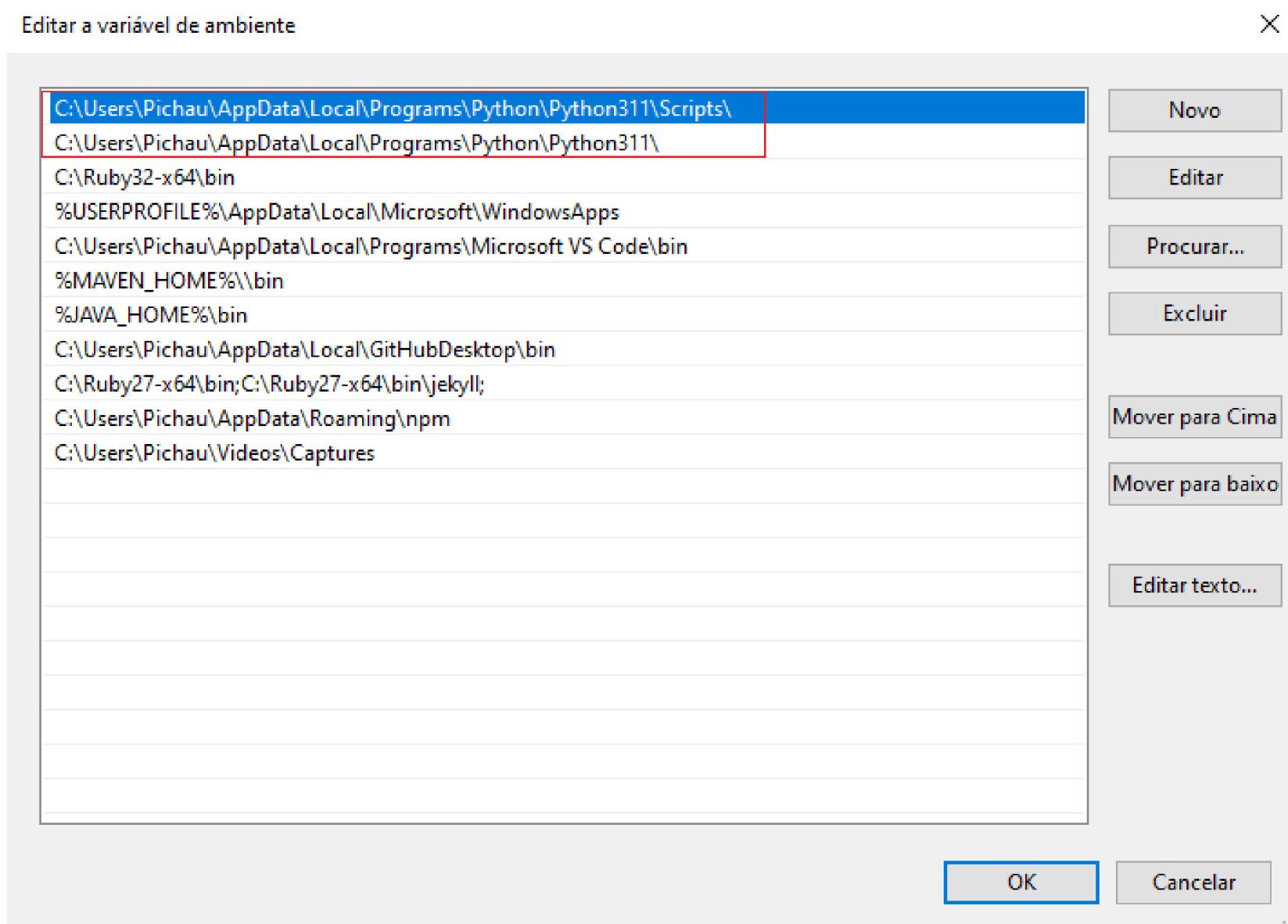


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# Python

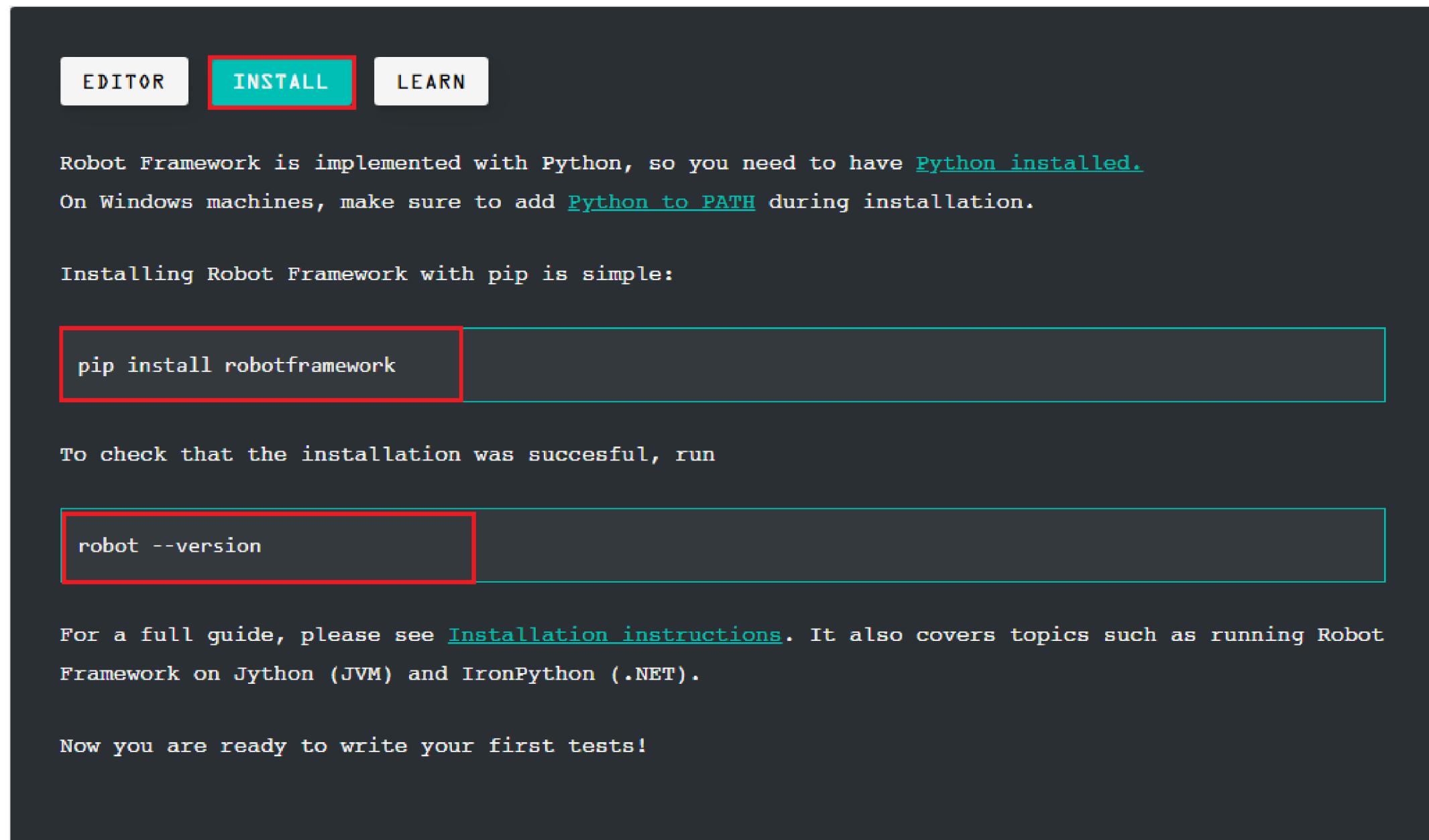
## Conferindo a instalação

- Certifiquece que os dois diretórios referentes a versão instalada estejam adicionados



**Certifiquece de ter  
apenas uma versão  
do Python instalada  
em sua maquina**

# Robot Framework



The screenshot shows the official Robot Framework website. At the top, there are three buttons: 'EDITOR', 'INSTALL' (which is highlighted with a red border), and 'LEARN'. Below these buttons, there is text explaining that Robot Framework is implemented with Python and requires Python to be installed. It also provides instructions for Windows users to add Python to their PATH during installation. A code block shows the command 'pip install robotframework'. Below this, there is a note about checking the installation with 'robot --version'. At the bottom, there is a message encouraging users to write their first tests.

EDITOR    **INSTALL**    LEARN

Robot Framework is implemented with Python, so you need to have [Python installed](#).  
On Windows machines, make sure to add [Python to PATH](#) during installation.

Installing Robot Framework with pip is simple:

```
pip install robotframework
```

To check that the installation was successful, run

```
robot --version
```

For a full guide, please see [Installation instructions](#). It also covers topics such as running Robot Framework on Jython (JVM) and IronPython (.NET).

Now you are ready to write your first tests!

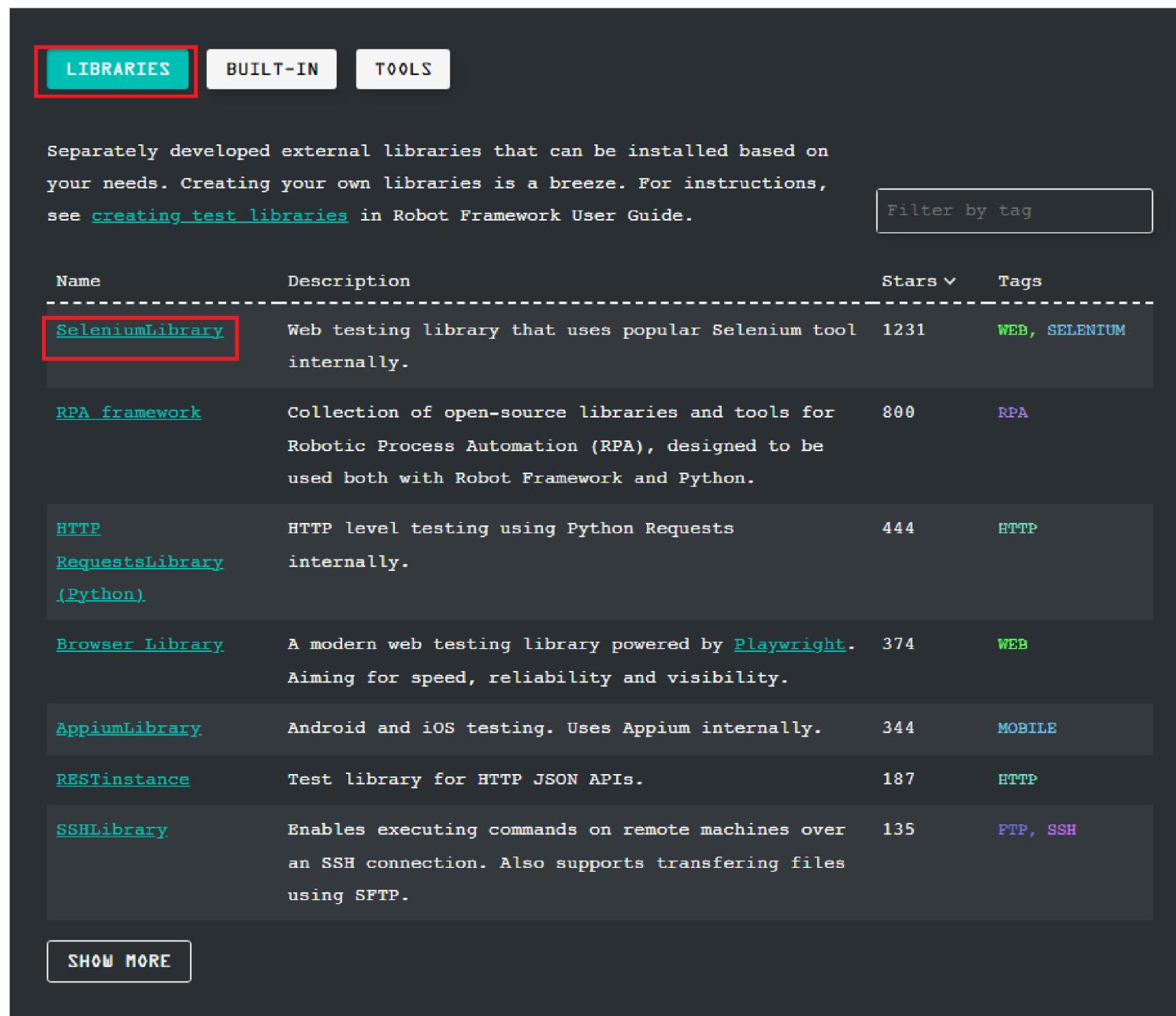
<https://robotframework.org/?tab=1#getting-started>

Abra o CMD e realize a instalação com:  
[pip install robotframework](#)

Confirme a instalação o CMD com o comando:  
[robot --version](#)

# Robot Framework

## Instalando Libraries



The screenshot shows a dark-themed web interface for managing libraries. At the top, there are three tabs: 'LIBRARIES' (highlighted with a red border), 'BUILT-IN', and 'TOOLS'. Below the tabs, a message states: 'Separately developed external libraries that can be installed based on your needs. Creating your own libraries is a breeze. For instructions, see [creating test libraries](#) in Robot Framework User Guide.' A 'Filter by tag' input field is present. The main area displays a table of libraries with columns for Name, Description, Stars, and Tags. The 'SeleniumLibrary' row is highlighted with a red box. Other listed libraries include RPA framework, HTTP, RequestsLibrary (Python), Browser Library, AppiumLibrary, RESTInstance, and SSHLibrary.

Name	Description	Stars	Tags
<a href="#">SeleniumLibrary</a>	Web testing library that uses popular Selenium tool internally.	1231	WEB, SELENIUM
<a href="#">RPA framework</a>	Collection of open-source libraries and tools for Robotic Process Automation (RPA), designed to be used both with Robot Framework and Python.	800	RPA
<a href="#">HTTP</a>	HTTP level testing using Python Requests internally.	444	HTTP
<a href="#">RequestsLibrary (Python)</a>			
<a href="#">Browser Library</a>	A modern web testing library powered by <a href="#">Playwright</a> . Aiming for speed, reliability and visibility.	374	WEB
<a href="#">AppiumLibrary</a>	Android and iOS testing. Uses Appium internally.	344	MOBILE
<a href="#">RESTInstance</a>	Test library for HTTP JSON APIs.	187	HTTP
<a href="#">SSHLibrary</a>	Enables executing commands on remote machines over an SSH connection. Also supports transferring files using SFTP.	135	PTP, SSH

[SHOW MORE](#)

**Libraries disponíveis em:**

**<https://robotframework.org/#resources>**

**Utilizaremos a biblioteca de Selenium**

**Abra o CMD e digite o comando:**

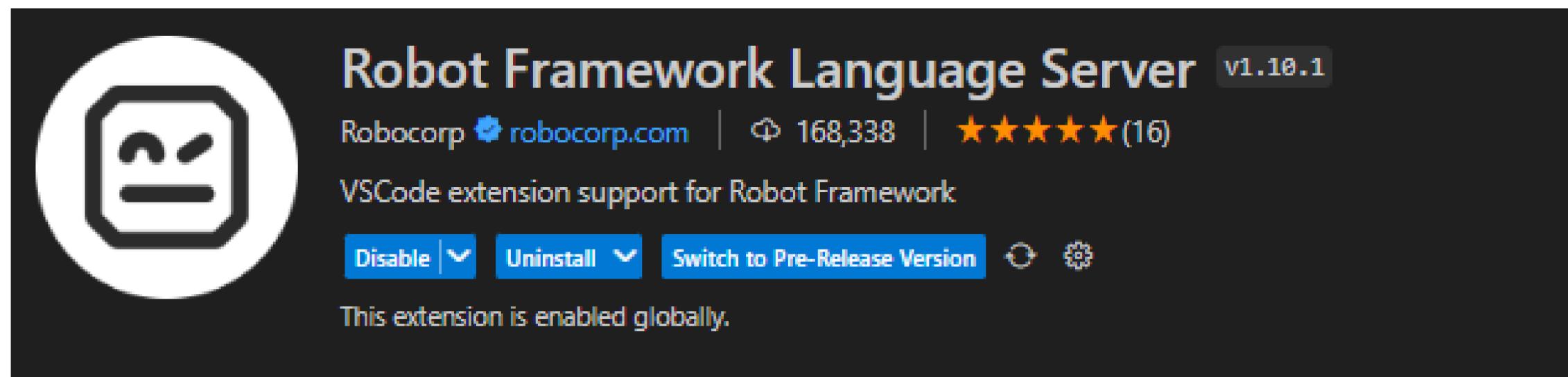
**`pip install --upgrade robotframework-seleniumlibrary`**

# Visual Studio Code

IDE

Download: <https://code.visualstudio.com/>

Extensão



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# Web Driver

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

Chrome <https://chromedriver.chromium.org/downloads>

**Tenha certeza de instalar a versão correspondente a seu navegador e  
atualizar o webdriver sempre que o navegador for atualizado.**

**Extraia os drivers para a pasta:**

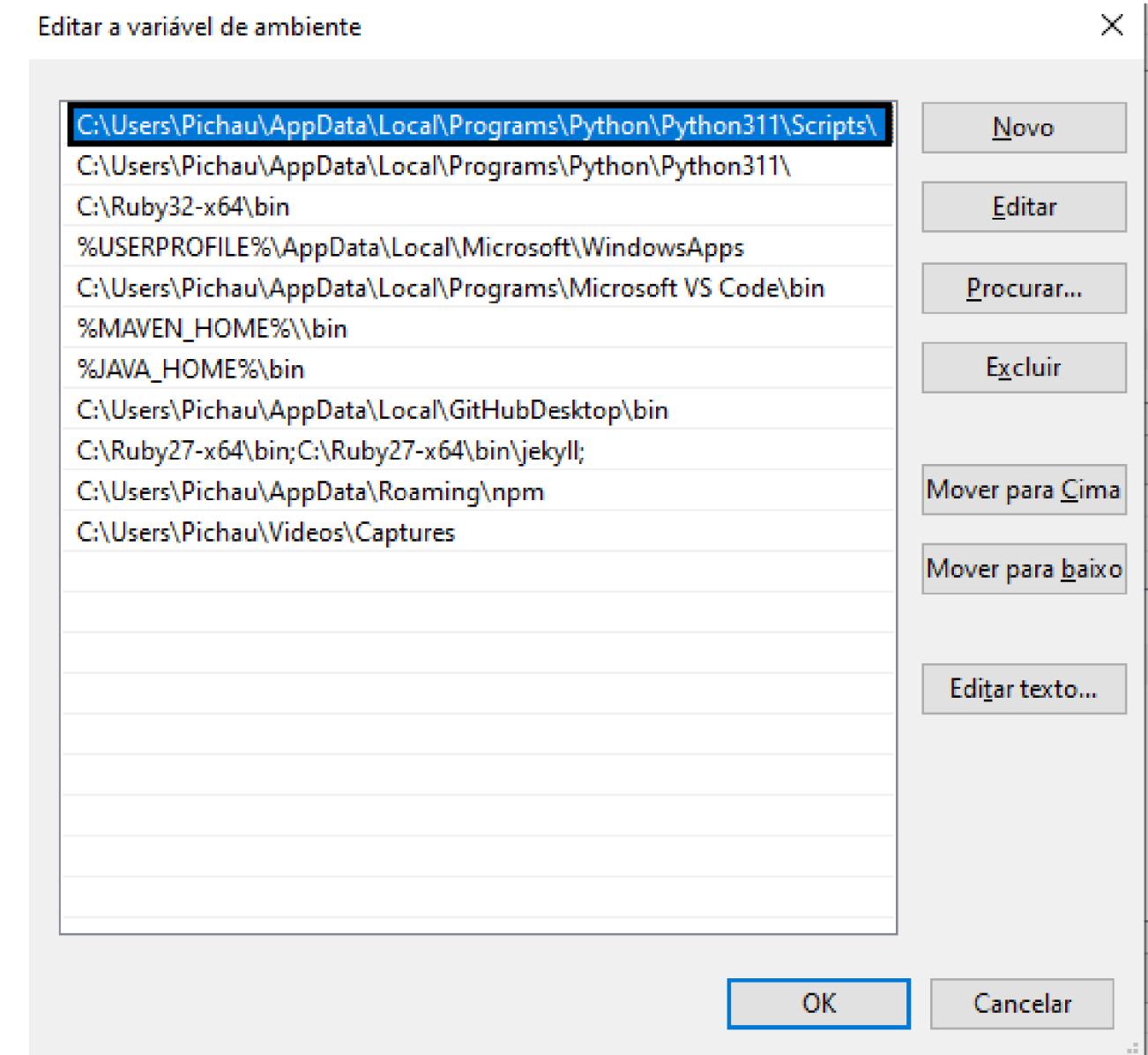
**C:\Users\"Usuário"\AppData\Local\Programs\Python\Python311\Scripts\**

# Web Driver

**Caso não encontre o diretório especificado, verifique em:**

- > variaveis de ambiente do usuário
- >Path
- >Python/Scripts:

**Os Web Drivers devem ser estraídos para o mesmo diretório de instalação da variável de ambiente Python, como exemplificado na imagem:**

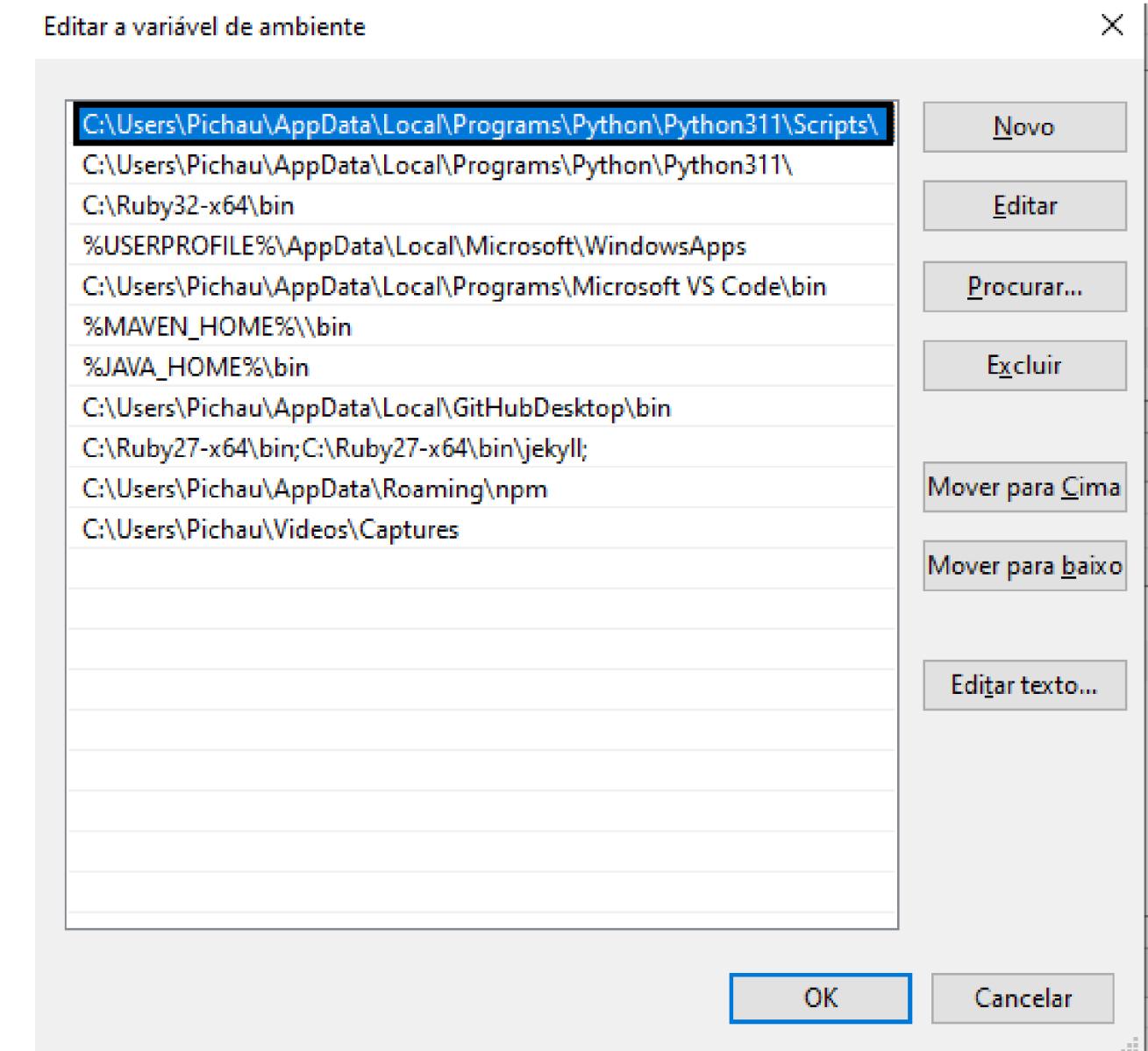


# Web Driver

**Caso não encontre o diretório especificado, verifique em:**

- > variáveis de ambiente do usuário
- >Path
- >Python/Scripts:

**Os Web Drivers devem ser extraídos para o mesmo diretório de instalação da variável de ambiente Python, como exemplificado na imagem:**



# TruePath



A screenshot of the TruePath extension page on the Chrome Web Store. At the top left is the Chrome logo and the text 'chrome web store'. At the top right is a user profile with the email 'mateus.fonseca1992@gmail.com'. Below the header is a navigation bar with 'Página inicial &gt; Extensões &gt; TruePath'. The main content area features the extension's icon (a browser window with '&lt;/&gt;'), the name 'TruePath', the developer 'qaworld.ga', a 'Em destaque' badge, a 5-star rating with 22 reviews, a 'DevTools' link, and a '10.000+ usuários' badge. On the right side is a blue button labeled 'Usar no Chrome'.

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