

## Automagica Browser

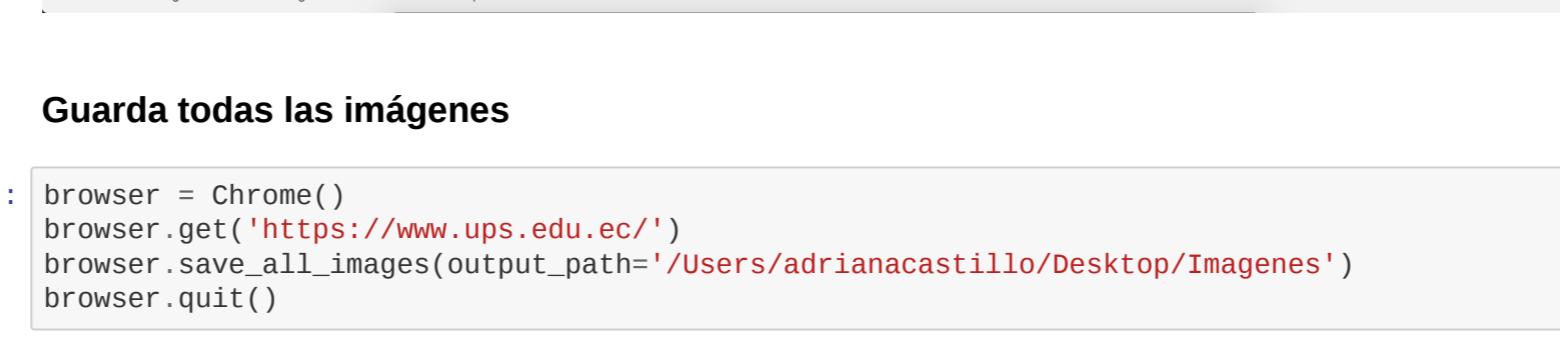
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### Importar librería Automagica

```
In [1]: from automagica import *
from selenium.webdriver.support.ui import WebDriverWait
```

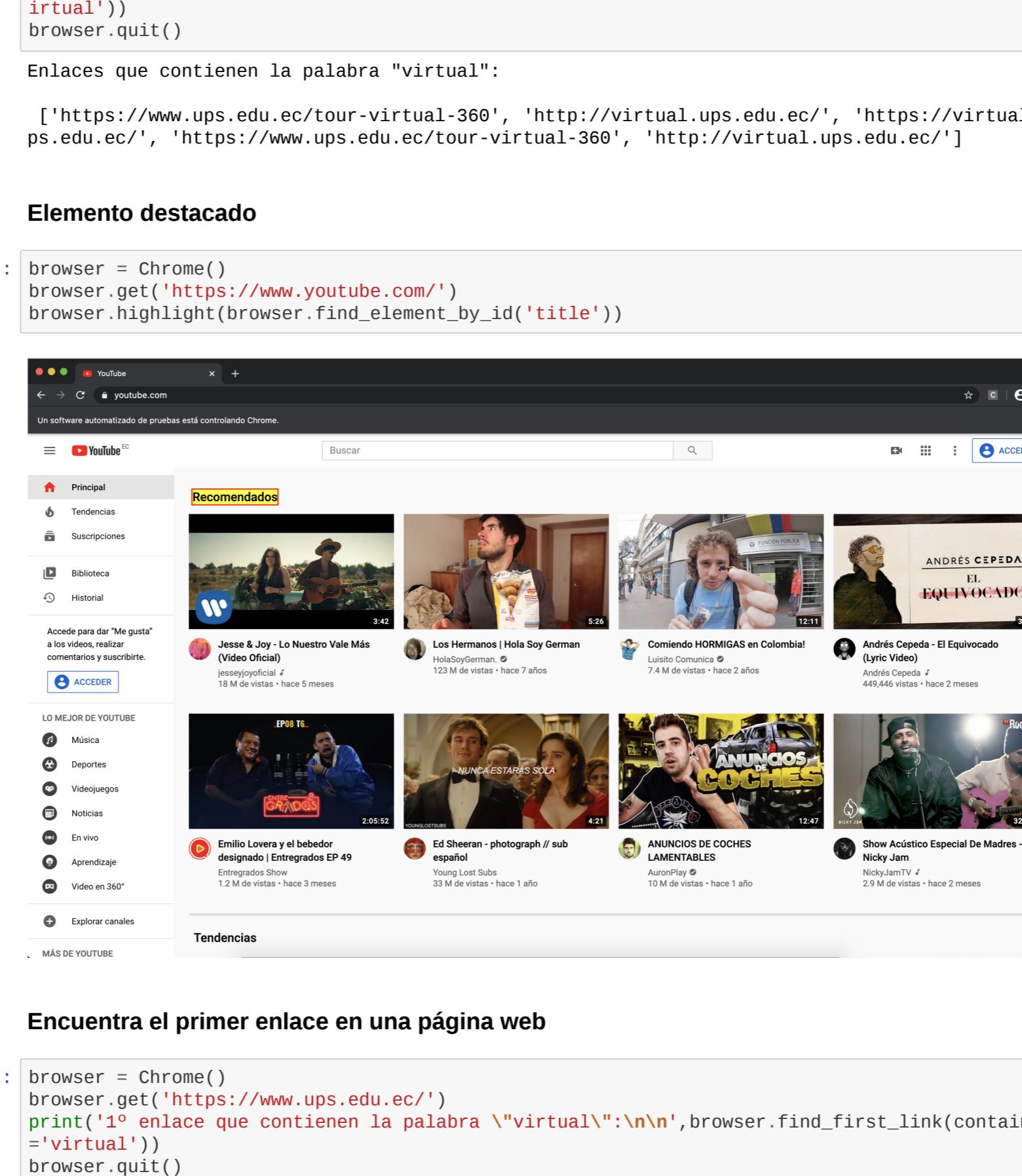
### Abrir navegador

```
In [2]: browser = Chrome()
browser.get('https://www.google.es/')
# Cerrar navegador
browser.quit()
```



### Guarda todas las imágenes

```
In [3]: browser = Chrome()
browser.get('https://www.ups.edu.ec/')
browser.save_all_images(output_path='/Users/adrianacastillo/Desktop/Imagenes')
browser.quit()
```



### Encuentra elementos por texto

```
In [4]: browser = Chrome()
browser.get('https://www.ups.edu.ec/')
print('Resultados:\n\n', browser.find_elements_by_text('estudiantes'))
browser.quit()
```

Resultados:

```
[<selenium.webdriver.remote.webelement.WebElement (session="690ebe4858ee6923ee91ff0d7f7b1b80", element="7bd4e478b-a6db-493d-8c6c-47ffbaaf5fde">, <selenium.webdriver.remote.webelement.WebElement (session="690ebe4858ee6923ee1ff0d7f7b1b80", element="1b831043-50e7-4919-b606-b98332fe5b7">)]
```

### Buscar elemento por texto

```
In [5]: browser = Chrome()
browser.get('https://www.ups.edu.ec/')
print('Resultado:\n\n', browser.by_text('cuenca'))
browser.quit()
```

Resultado:

```
<selenium.webdriver.remote.webelement.WebElement (session="164f14ad26d08b0a2340990d864b422b", element="ab94a540-fb34-4a43-ab96-d073c81f4124">
```

### Encuentra todos los enlaces

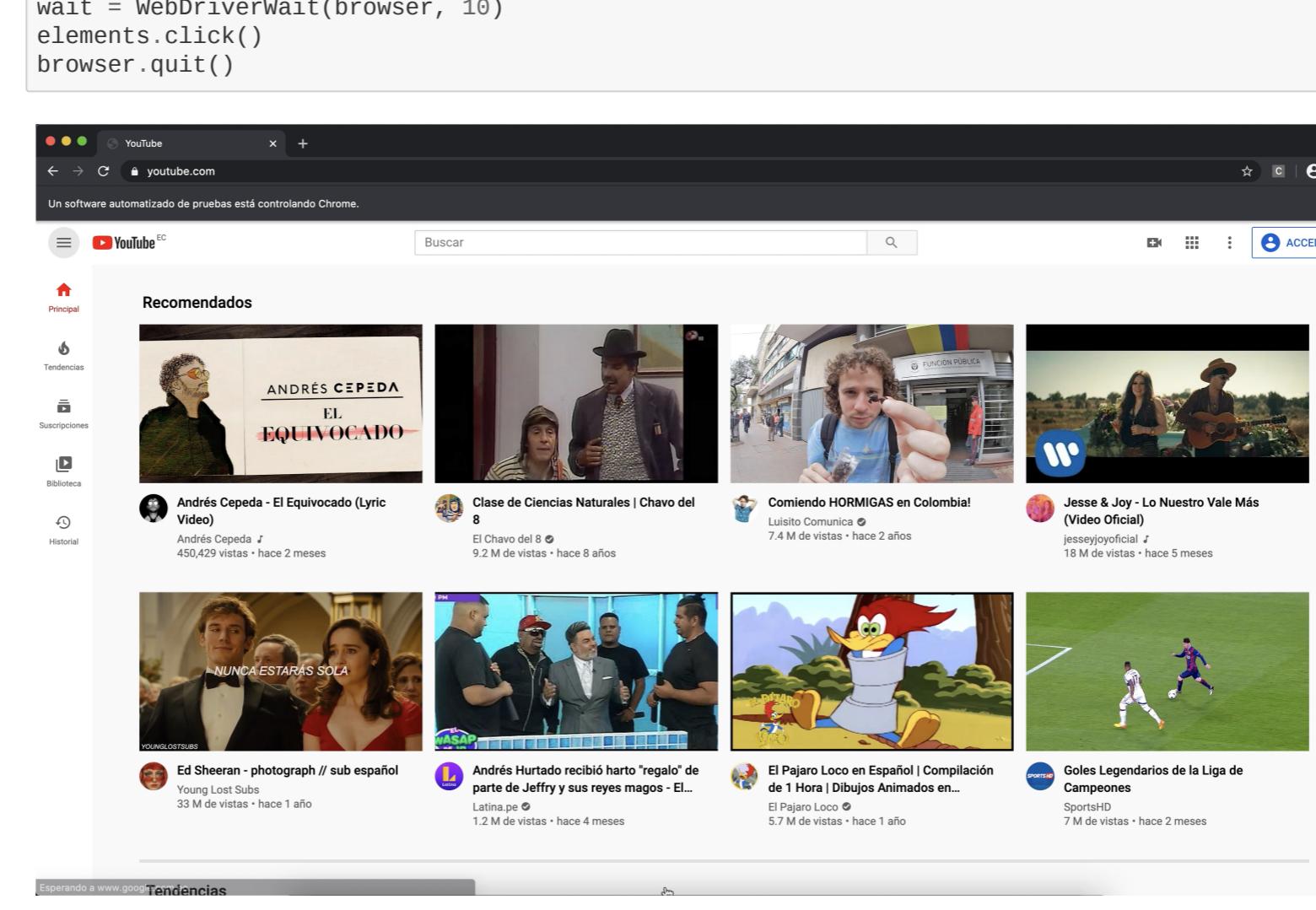
```
In [6]: browser = Chrome()
browser.get('https://www.ups.edu.ec/')
print('Enlaces que contienen la palabra \'virtual\':\n\n', browser.find_all_links(contains='virtual'))
browser.quit()
```

Enlaces que contienen la palabra "virtual":

```
[https://www.ups.edu.ec/tour-virtual-360', 'http://virtual.ups.edu.ec/', 'https://virtual.ups.edu.ec/', 'https://www.ups.edu.ec/tour-virtual-360', 'http://virtual.ups.edu.ec/']
```

### Elemento destacado

```
In [7]: browser = Chrome()
browser.get('https://www.youtube.com/')
browser.highlight(browser.find_element_by_id('title'))
```



### Encuentra el primer enlace en una página web

```
In [8]: browser = Chrome()
browser.get('https://www.ups.edu.ec/')
print('1º enlace que contienen la palabra \'virtual\':\n\n', browser.find_first_link(contains='virtual'))
browser.quit()
```

1º enlace que contiene la palabra "virtual":

```
https://www.ups.edu.ec/tour-virtual-360
```

### Encuentra todos los XPaths

```
In [9]: browser = Chrome()
browser.get('https://wikipedia.org')
print('Resultado XPaths:\n\n', browser.by_xpath('//*[@@id="js-link-box-en"]'))
browser.quit()
```

Resultado XPaths:

```
[<selenium.webdriver.remote.webelement.WebElement (session="73e3c6e2d67ace3031c69aec8c1067a4", element="79847b8a-454a-4159-8fd6-be166c62bc33">]
```

### Encuentra XPath en el navegador

```
In [10]: browser = Chrome()
browser.get('https://wikipedia.org')
elements = browser.by_xpath('//*[@@id="js-link-box-en"]')
#Hacer click en el XPath que se busca
elements.click()
wait = WebDriverWait(browser, 10)
browser.quit()
```



### Encuentra clase en el navegador

```
In [11]: browser = Chrome()
browser.get('https://wikipedia.org')
elements = browser.by_class('search-input')
elements.click()
browser.quit()
```



### Buscar id en el navegador

```
In [12]: browser = Chrome()
browser.get('https://www.youtube.com/')
elements = browser.find_element_by_id('guide-icon')
wait = WebDriverWait(browser, 10)
elements.click()
browser.quit()
```

