

【Python】selenium自動播放flash

python selenium firefox 控制devtools 一些☞索_wujiuqier的博客-CSDN博客

軟體載點

- <https://ftp.mozilla.org/pub/mozilla.org/firefox/releases/>
- <https://github.com/mozilla/geckodriver/releases>

後來測試可用的組合為

```
python 3.7.0
firefox 57.0.4
geckodriver 0.19.1
selenium 3.141.0
```

版本55或以上的Firefox不支持Flash自动播放。

建☞使用Firefox 52.9.0 延长支持版。

此版本需要使用Gecko Driver 0.18.0才能正常使用。但是不支持 set_window_size (会☞selenium.common.exceptions.WebDriverException: Message: setWindowRect)，所以必☞手动☞整视口尺寸。☞☞使用 find_element_by_id(element_id).screenshot(output_file_name)的方法☞截长☞，或者也可以用 find_elements_by_tag_name('body')[0].screenshot(output_file_name)的方法☞截整页长☞。自动播放Flash的设置 (参考https://blog.csdn.net/STL_CC/article/details/104968669)：

此版本☞☞有移除GCLI☞发者工具☞，可以通☞快捷☞ Shift + F2 呼出。

☞整视口尺寸的GCLI命令是 `resize to 4320 7680`。第一个参☞是☞，第二个参☞是高。截☞的命令是

既然不能控制视口，那就直接控制外☞div的样式，然后☞行元素☞点截☞。直接用 `execute_script` 即可。☞上，截取小花仙人物面板形象的操作有：

```
1 from selenium import webdriver
2 from time import sleep
3 fp = webdriver.FirefoxProfile()
4 fp.set_preference("plugin.state.flash", 2)
5 fp.set_preference("security.insecure_field_warning.contextual.enabled", False)
6 driver = webdriver.Firefox(firefox_profile = fp)
7 driver.get("http://hua.61.com/play.shtml")
8 driver.execute_script("document.getElementById('flashContent').innerHTML=\"<embed src='http://hua.61.com/(
9 # 打开玩家面板
10 driver.execute_script("document.getElementById('flashContent').style.width='4320px';document.getElementByI
11 sleep(5)
12 driver.execute_script("document.getElementsByTagName('embed')[0].Zoom(500)")
13 driver.execute_script("document.getElementsByTagName('embed')[0].Zoom(20)")
14 sleep(5)
15 # Flash缩放后的视野位置微调，还需要完善
16 driver.execute_script("document.getElementsByTagName('embed')[0].Pan(-4500,-2000,0)")
17 sleep(5)
18 driver.find_element_by_id('flashContent').screenshot('output.png')
19 driver.execute_script("document.getElementsByTagName('embed')[0].Zoom(500)")
20 driver.execute_script("document.getElementById('flashContent').style.height='100%';document.getElementByIc
21
```

```
from time import sleep
from selenium import webdriver
import win32api
import win32gui
import win32con
import os
import requests
import sys
import time
```

```

from PIL import ImageGrab
import win32com.client

login_info = [
    {
        "file_name": "db1.jpeg",
        "url": "https://1.2.3.4/em/console/database/instance/waitDetails?
event=doLoad&target=mall&type=oracle_database&waitClass=Overview&datasource=SQL",
        "username": "aa",
        "title_id": None,
        "password": "aaaaaaa",
        "hwnd": None,
        "driver": None},
    {
        "file_name": "db2.jpeg",
        "url": "https://1.2.3.4/em/faces/sdk/nonFacesWrapper?
target=reportdb&_em.coBM=%2Fconsole%2Fdatabase%2Finstance%2FwaitDetails%3Fevent%26target%3Dreportdb%26type%3Doracle

        "username": "bb",
        "password": "bbbbbbbb",
        "title_id": None,
        "j_username": "cc",
        "j_password": "ccccccc",
        "hwnd": None,
        "driver": None}
]

def api_upload(filename):
    url = "http://192.168.1.1/api/v1/db/uploadIMG.php"
    local_folder_path = getRootPath() # 取得目前執行檔目錄
    image = local_folder_path + "\\ " + filename
    files = {"file": (filename, open(image, "rb"), "rb")}
    response = requests.request("POST", url, data=None, files=files)
    # print(response.text)

def getRootPath():
    return os.path.dirname(os.path.abspath(__file__))

def main():
    for config in login_info:
        try:
            profile = webdriver.FirefoxProfile()
            profile.set_preference('plugin.state.flash', 2)
            profile.set_preference('security.tls.version.min', 1)
            profile.set_preference('security.insecure_field_warning.contextual.enabled', False)
            if config["driver"] == None:
                driver = webdriver.Firefox(executable_path=r'C:\screenshot\geckodriver.exe', firefox_profile=profile)
                config["driver"] = driver
                driver.get(config["url"])

            if config["file_name"] == 'mallDB.jpeg':
                username_input = driver.find_element_by_id("M__Id")
                username_input.send_keys(config["username"])
                password_input = driver.find_element_by_id("M__Ida")
                password_input.send_keys(config["password"])
                driver.find_element_by_xpath('/table/tbody/tr[4]/td[3]/a/img').click()
                sleep(7)
                config["title_id"] = win32gui.GetForegroundWindow()
            elif config["file_name"] == 'reportDB.jpeg' or config["file_name"] == 'wmsDB.jpeg' or config["file_name"] == 'scmDB.jpeg':
                j_username_input = driver.find_element_by_id("j_username::content")
                j_username_input.send_keys(config["j_username"])
                j_password_input = driver.find_element_by_id("j_password::content")
                j_password_input.send_keys(config["j_password"])
                login_btn = driver.find_element_by_id("login")
                login_btn.click()
                sleep(5)

```

```
username_input2 = driver.find_element_by_id("emT:r1:0:r1:0:username::content")
username_input2.send_keys(config["username"])
password_input2 = driver.find_element_by_id("emT:r1:0:r1:0:password::content")
password_input2.send_keys(config["password"])
login_btn_emT = driver.find_element_by_id("emT:logon")
login_btn_emT.click()
sleep(5)
config["title_id"] = win32gui.GetForegroundWindow()

title_id = win32gui.GetWindowText(config["title_id"])
hwnd = win32gui.FindWindow(None, title_id)
shell = win32com.client.Dispatch("WScript.Shell")
shell.SendKeys('%')
win32gui.ShowWindow(hwnd, win32con.SW_MAXIMIZE)
config["driver"].save_screenshot(config["file_name"])
api_upload((config["file_name"]))
sleep(3)

except Exception as e:
    print("exception:", e)

if __name__ == "__main__":
    while True:
        main()
```

🕒 修訂版本 #7

★ 由 treeman 建立於 14 🕒 2022 01:48:37

✎ 由 treeman 更新於 28 🕒 2022 19:37:34