

Forum:[Hack Forums](#)

Thread: [PhantomJS useragent](#)

FW1738 - January 13, 2019, 3:14 pm

I am using PhantomJS with selenium and I am trying to change the user-agent, but it will not change. I studied the selenium code, and trying to change the headers, but nothing works. Does anybody have a solution?

FriendZone - January 14, 2019, 2:20 am

(Jan 13, 2019 04:14 PM)FW1738 Wrote: [\[CITE\]](#) I am using PhantomJS with selenium and I am trying to change the user-agent, but it will not change. I studied the selenium code, and trying to change the headers, but nothing works. Does anybody have a solution?

I usually use firefox or chrome with the headless option instead of phantomjs (during the years python support has been dropped often)

Anyway can you try this code:

```
Code from selenium import webdriver
from selenium.webdriver.common.desired_capabilities import DesiredCapabilities
```

```
dcap = dict(DesiredCapabilities.PHANTOMJS)
dcap["phantomjs.page.settings.userAgent"] = (
    "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/53 "
    "(KHTML, like Gecko) Chrome/15.0.87")
```

```
driver = webdriver.PhantomJS(desired_capabilities=dcap)
```

lockhead - January 14, 2019, 6:59 am

(Jan 14, 2019 03:20 AM)Hexecutor Wrote: [\[CITE\]](#) I usually use firefox or chrome with the headless option instead of phantomjs (during the years python support has been dropped often)

Since when do Chrome and Firefox have headless options?

FriendZone - January 14, 2019, 7:13 am

(Jan 14, 2019 07:59 AM)lockhead Wrote: [\[CITE\]](#) Since when do Chrome and Firefox have headless options?

Since always ahah

No, I'm not sure when, but since years

In few mins I will post firefox headless

lockhead - January 14, 2019, 7:16 am

(Jan 14, 2019 08:13 AM)Hexecutor Wrote: [\[CITE\]](#) Since always ahah

No, I'm not sure when, but since years

In few mins I will post firefox headless

Damn.. it's been a while since I needed something like this but a few years ago I had to deal with this PhantomJS BS because apparently it was the only option...

FriendZone - January 14, 2019, 7:39 am

(Jan 14, 2019 08:16 AM)lockhead Wrote: [\[CITE\]](#) Damn.. it's been a while since I needed something like this but a few years ago I had to deal with this PhantomJS BS because apparently it was the only option...

```
Code from selenium.webdriver import Firefox
from selenium.webdriver.firefox.options import Options
```

```
binary = FirefoxBinary('BINARY PATH')
options = Options()
options.set_headless(True)
```

```
driver = webdriver.Firefox(options=options, executable_path='GECKODRIVER PATH' ,
firefox_binary=binary)
```

```
driver.browser.get('https://www.google.com')
```

N.B.

I wrote the code without a pc close to me to test it .

Keep in mind firefox is slower than chrome in headless mode (I read time ago a speed test article about it)

Switch BINARY PATH and GECKODRIVER PATH with the right paths tell me if you need help

FW1738 - January 14, 2019, 8:24 am

(Jan 14, 2019 03:20 AM)Hexecutor Wrote: [\[CITE\]](#) I usually use firefox or chrome with the headless option instead of phantomjs (during the years python support has been dropped often)

Anyway can you try this code:

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"(KHTML, like Gecko) Chrome/15.0.87")
```

```
driver = webdriver.PhantomJS(desired_capabilities=dcap)
```

Doesn't work for me. When I print the navigator.userAgent, I still get the same. I got phantomjs version 2.1.1, think that is the newest. That shouldn't be the problem. Does the code work for you?

FriendZone - January 14, 2019, 8:27 am

(Jan 14, 2019 09:24 AM)FW1738 Wrote: [\[CITE\]](#) Doesn't work for me. When I print the navigator.userAgent, I still get the same. I got phantomjs version 2.1.1, think that is the newest. That shouldn't be the problem. Does the code work for you?

As stated I don't use phantomjs but firefox, so I didn't test it, as soon I will be at home I will find a working way if possible :)

FW1738 - January 14, 2019, 8:30 am

(Jan 14, 2019 09:27 AM)Hexecutor Wrote: [\[CITE\]](#) As stated I don't use phantomjs but firefox, so I

didn't test it, as soon I will be at home I will find a working way if possible :)
Thank you, do you know if firefox gets detected easily by for example recaptcha?

FriendZone - January 14, 2019, 8:32 am

(Jan 14, 2019 09:30 AM)FW1738 Wrote: [\[CITE\]](#) Thank you, do you know if firefox gets detected easily by for example recaptcha?
I would play with profiles and proxies.

Do you need an example to set it in firefox?

FW1738 - January 14, 2019, 8:36 am

No I know selenium pretty good, but I thought maybe you knew ways to detect the firefox driver besides the easy ones such as the navigator.webdriver flag.

doon - January 14, 2019, 12:58 pm

I must add that running chrome headless vs firefox is a much greater gain if your looking for as little resource usage as possible.

Headless firefox and the non-headless version aren't that different in resource consumption, where as chrome is 30% less than it's non-headless version.