Acceptance Test
and
Acceptance-Test Driven Development

with Robot Framework
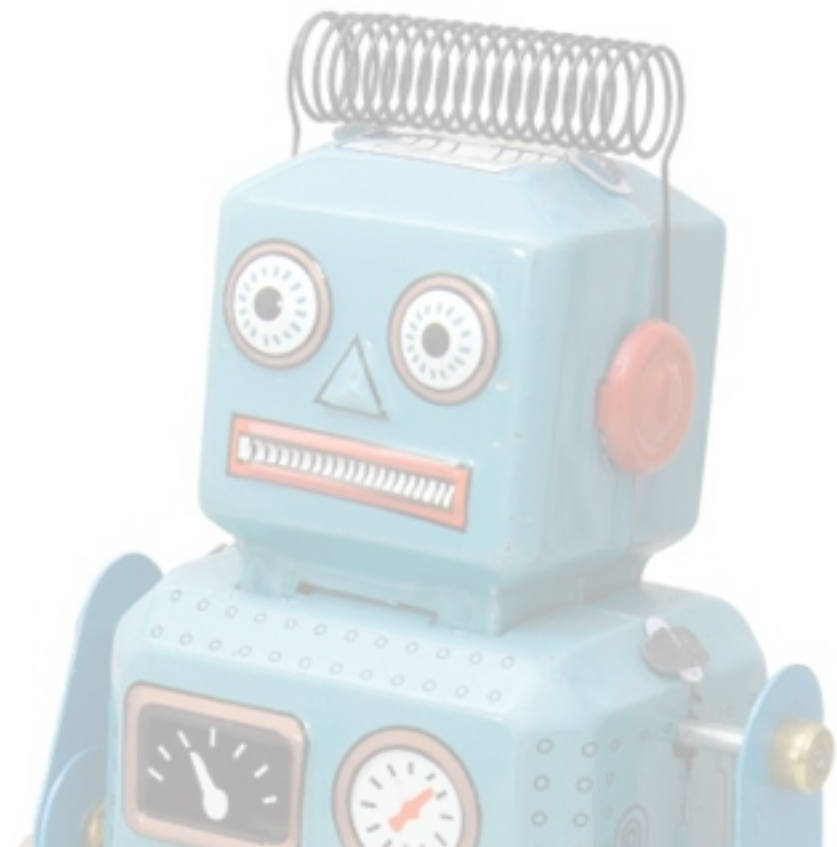
SPRINT3R
by Siam Chamnan Kit Co., Ltd. and Odd-e (Thailand) Co, Ltd.

Support Multiple Browser

- Google Chrome

- Internet Explorer

- Safari
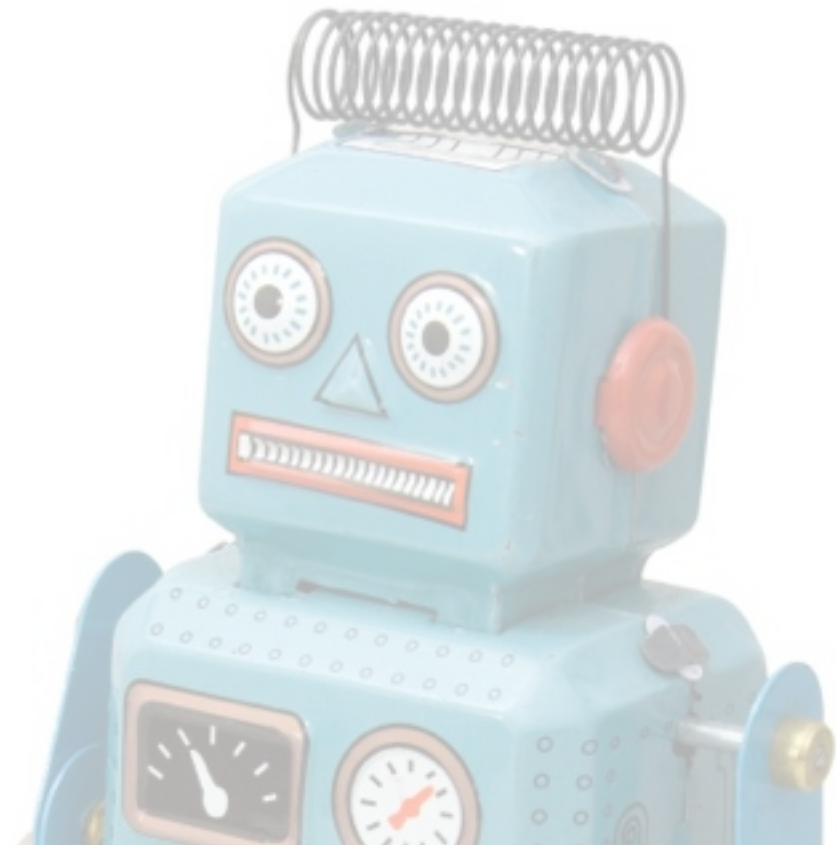
Google Chrome (1)

- Download Chrome Driver

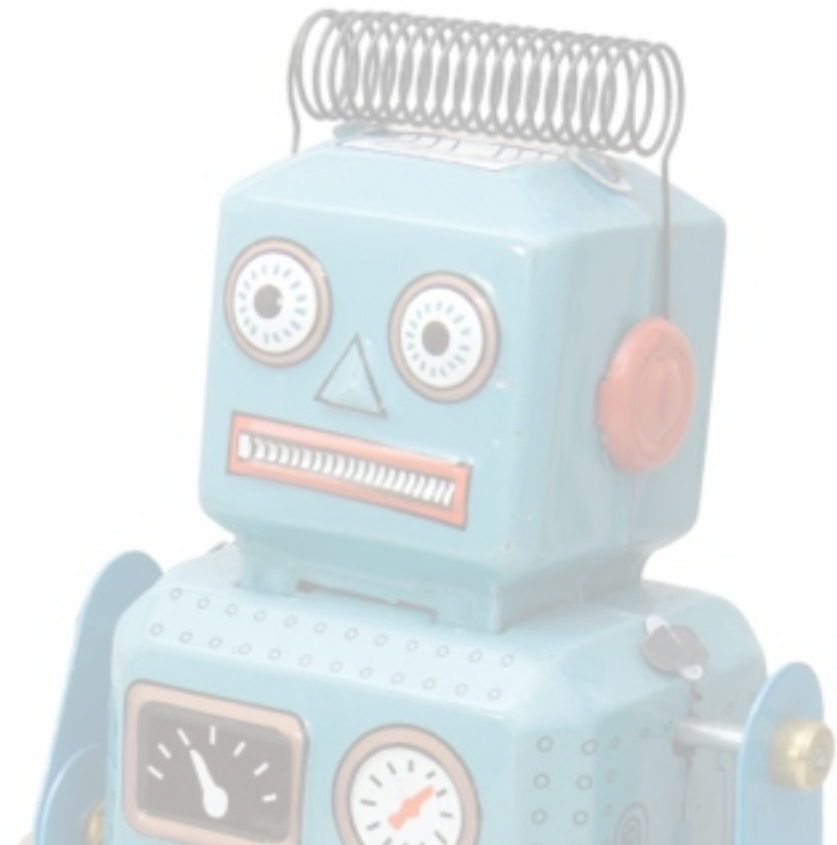 - https://code.google.com/p/selenium/wiki/ChromeDriver

Google Chrome (2)

- Setting PATH variable to folder of chrome driver

set PATH=<directory of chrome driver>;%PATH%

Google Chrome (3)

```
03_chrome.txt            ×
1  *** Settings ***
2  Library———————Selenium2Library
3
4  *** Testcases ***
5  Test with Chrome
6  ————Open Browser··http://www.google.com··chrome
7  ————[Teardown]··Close Browser
```
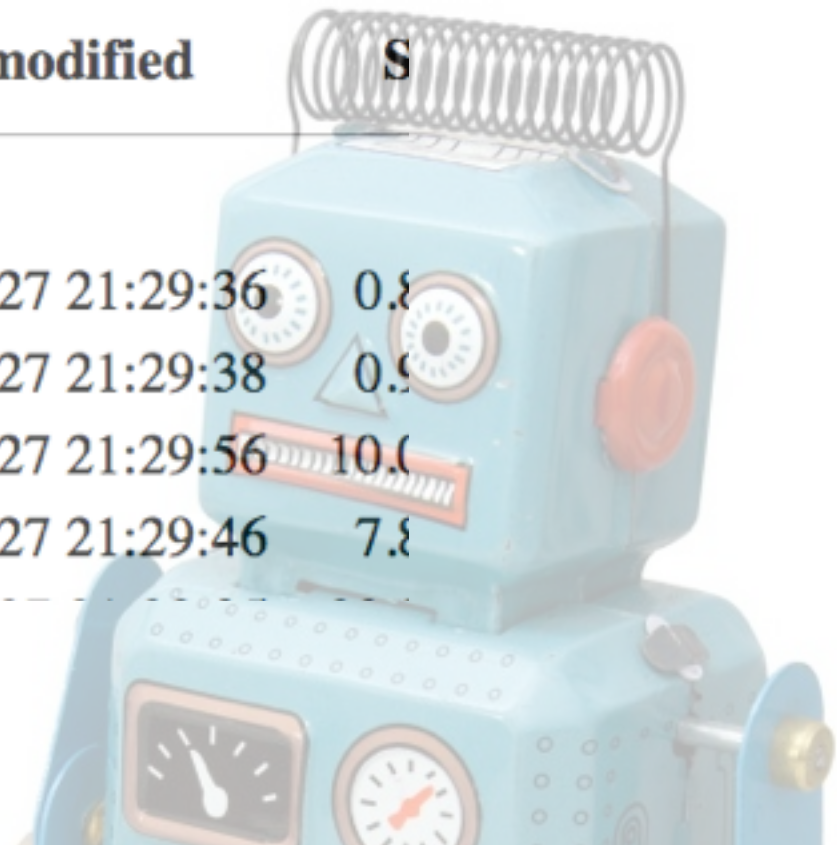
Internet Explorer (1)

- Download Internet Explorer Driver

  - https://code.google.com/p/selenium/wiki/InternetExplorerDriver

Index of /2.41/

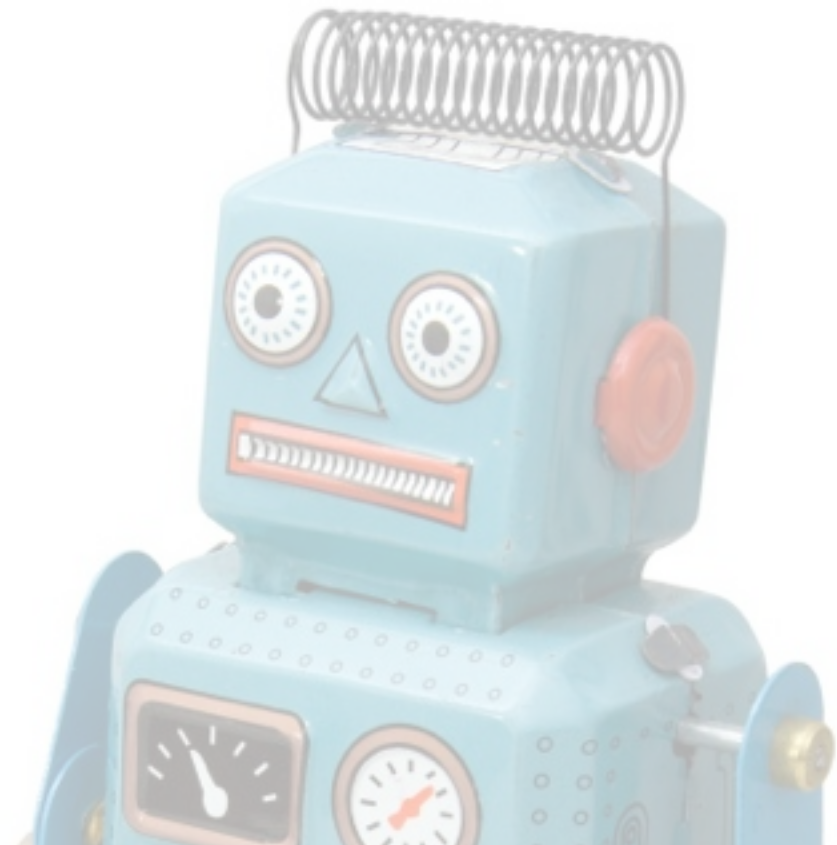| Name	Last modified	S
Parent Directory		
IEDriverServer_Win32_2.41.0.zip	2014-03-27 21:29:36	0.8
IEDriverServer_x64_2.41.0.zip	2014-03-27 21:29:38	0.9
selenium-dotnet-2.41.0.zip	2014-03-27 21:29:56	10.0
selenium-dotnet-strongnamed-2.41.0.zip	2014-03-27 21:29:46	7.8

Internet Explorer (2)

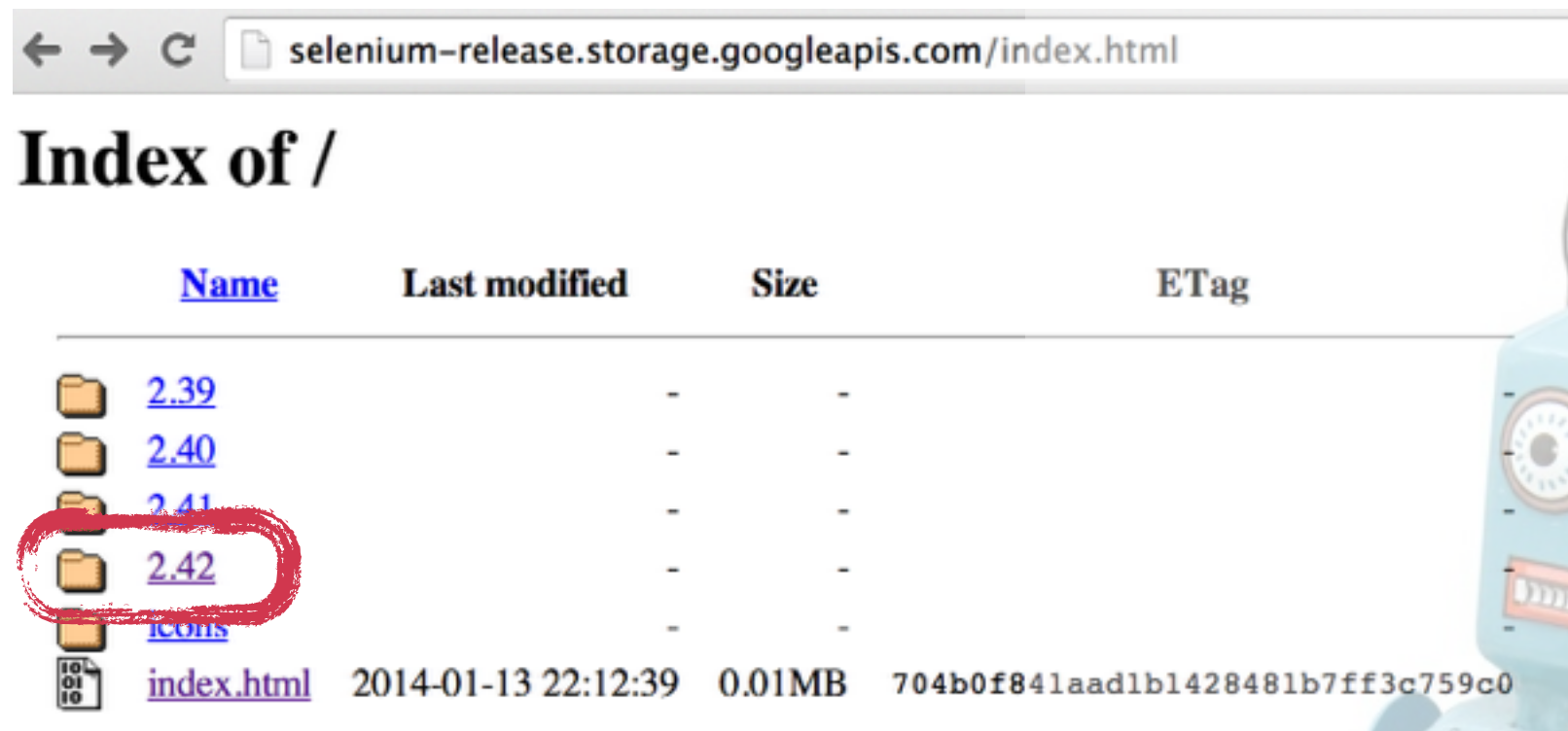- Setting PATH variable to folder of i.e. driver

set PATH=<directory of i.e. driver>;%PATH%

Internet Explorer (3)

```
04_ie.txt                    ×

1  *** Settings ***
2  Library————Selenium2Library
3
4
5  *** Testcases ***
6  Test with Internet Explorer
7  ————Open Browser  ··http://www.google.com··ie
8  ————Close Browser
```
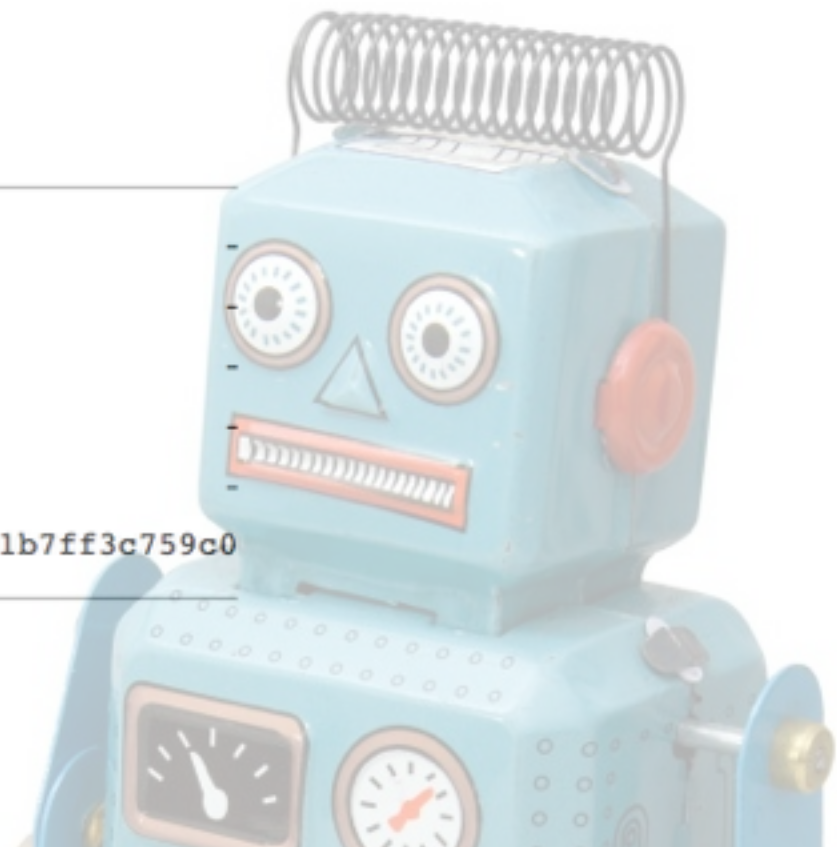
Safari (1)

- Download Selenium Server

  - http://selenium-release.storage.googleapis.com/index.html

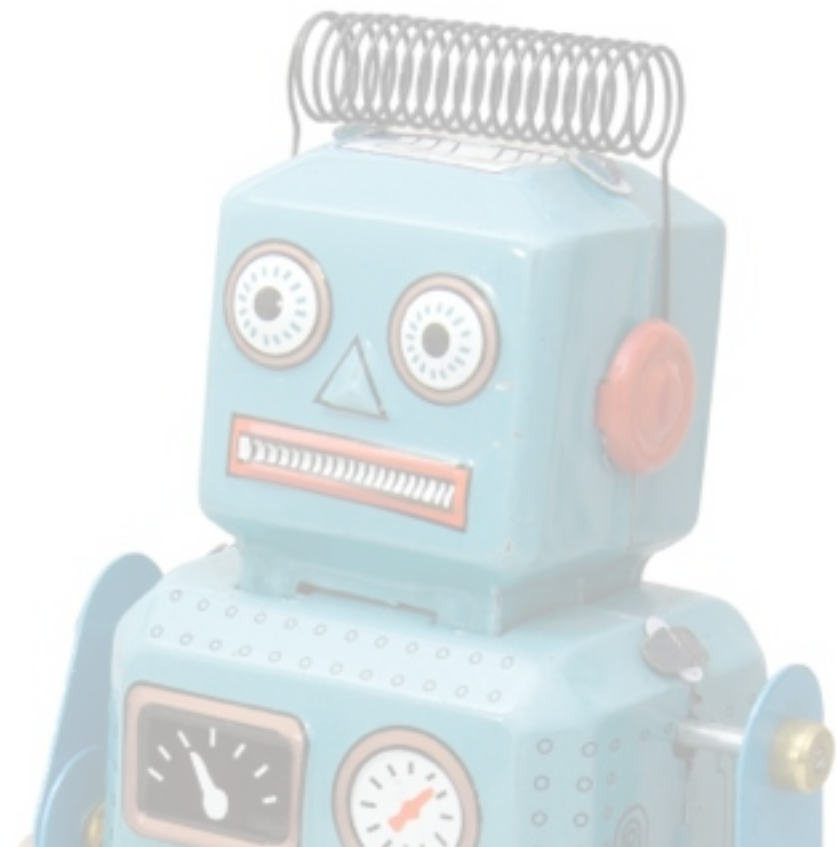# Safari (2)

```
04_safari.txt        ×
1   *** Settings ***
2   Library———Selenium2Library
3   Library      OperatingSystem
4
5
6   *** Testcases ***
7   Test with Safari
8   ———Set Environment Variable   SELENIUM_SERVER_JAR   <directory>selenium—server.jar
9   ———Open Browser   http://www.google.com   safari
10  ———Close Browser
```
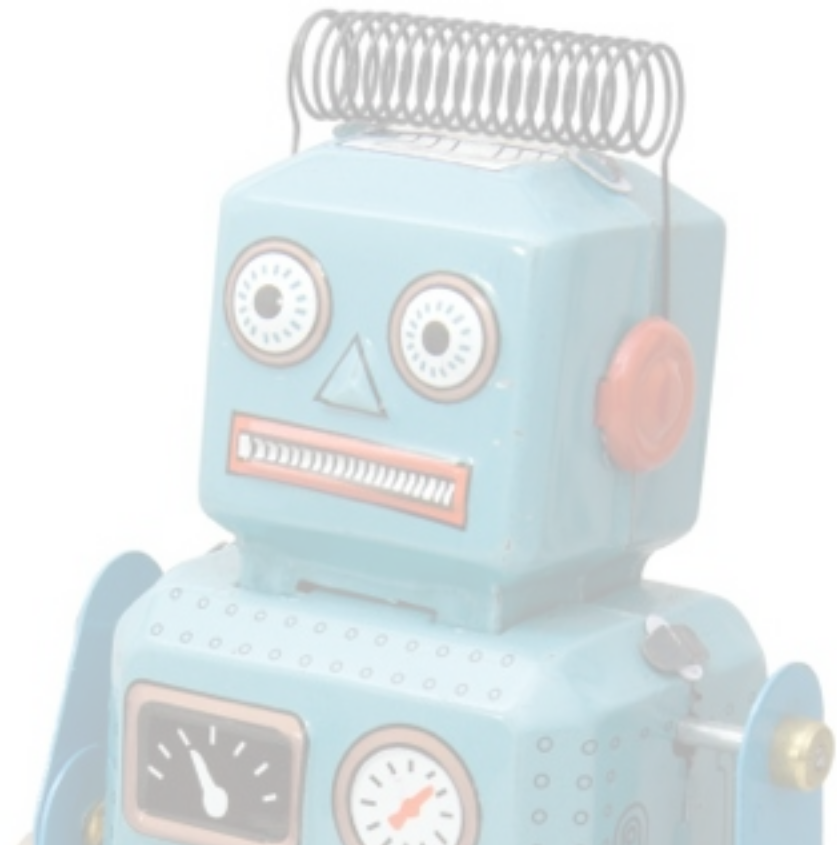
Safari (3)

- Setting PATH variable of selenium server

set **SELENIUM_SERVER_JAR**=<directory>/selenium-server.jar

Run All Browser in One Time ?

- Firefox

- Google Chrome

- Internet Explorer

- Safari

Run All Browser in One Time ?

```
04_all_browser.txt      ×

1   *** Settings ***
2   Library———————Selenium2Library
3
4
5   *** Testcases ***
6   Test run all browser
7   ————@{all browsers}=    Create List    firefox  chrome  safari
8   ————:FOR    ${browser}    IN    @{all browsers}
9   ————\    Open Browser   http://www.google.com    ${browser}
10  ————\    Close Browser
```
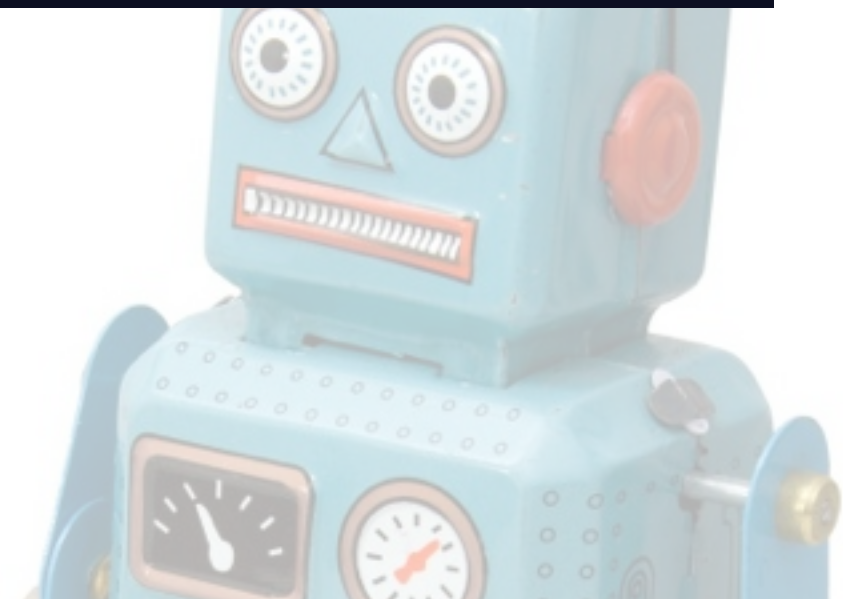
Pass variable from command line
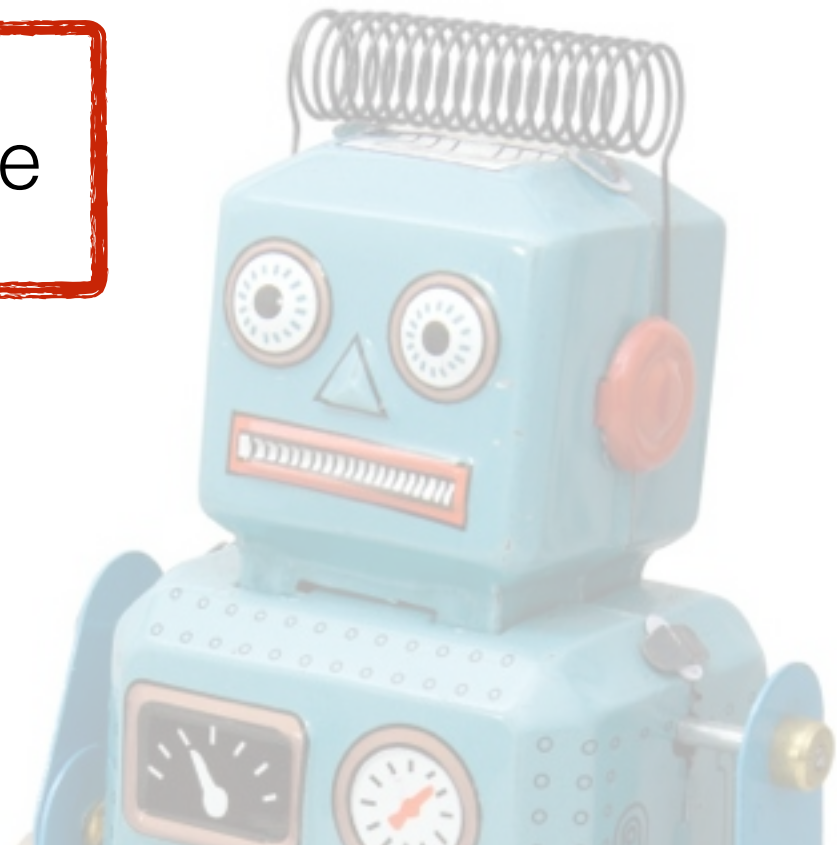
```
04_param.txt        ×
1  *** Settings ***
2  Library        Selenium2Library
3
4  *** Variables ***
5  ${BROWSER}      firefox
6
7  *** Testcases ***
8  Test browser from command line
9      Open Browser    http://www.google.com    ${BROWSER}
10     Input Text        id=gbqfq     ทดสอบ
11     Click Button    id=gbqfb
12     Wait Until Page Contains    ทดสอบ
13     Close Browser
```

Pass variable from command line

$pybot **--variable BROWSER:chrome** 04_param.txt

Variable name

Question ?