**­­Watir-WebDriver Cheat Sheet**

BROWSER

|  |  |
| --- | --- |
| b = Watir::Browser.new :firefox | *# start new driver session* |
| b.goto "http://www.google.co/uk" | *# goto url* |
| b.refresh | *# refresh* |
| b.quit | *# close* |

TEXTBOX

|  |  |
| --- | --- |
| b.text\_field**(**:id, "text"**)**.set "watir-webdriver" | *# enter value* |
| b.text\_field**(**:id, "text"**)**.value | *# get value* |
| b.text\_field**(**:id, "text"**)**.clear | *# clear* |

BUTTON

|  |  |
| --- | --- |
| b.button**(**:id, "btn"**)**.enabled? | *# is enabled?* |
| b.button**(**:id, "btn"**)**.text | *# button's text* |
| b.button**(**:id, "btn"**)**.click | *# click* |

CHECKBOX

|  |  |
| --- | --- |
| b.checkbox**(**:id, "btn"**)**.set  b.checkbox**(**:id, "btn"**)**.set**(**true**)** | *# check* |
| b.checkbox**(**:id, "btn"**)**.clear  b.checkbox**(**:id, "btn"**)**.set**(**false**)** | *# uncheck* |
| b.checkbox**(**:id, "btn"**)**.set? | *# is checked?* |

LISTBOX

|  |  |
| --- | --- |
| b.select\_list**(**:id, "list"**)**.select "var" | *# select from list text* |
| b.select\_list**(**:id, "list"**)**.select\_value "var2" | *# select using value* |
| b.select\_list**(**:id, "list"**)**.selected?**(**"var2"**)** | *# value is selected?* |
| puts b.select\_list**(**:id, "list"**)**.value | *# get value* |
| b.select\_list**(**:id, "list"**)**.options.each do **|**i**|**  puts "#{i.text}"  end | *# get all items* |

RADIO

|  |  |
| --- | --- |
| b.radio**(**:id, "radio"**)**.set | *# select value* |
| b.radio**(**:id, "radio"**)**.set? | *# is var selected?* |

IMAGE

|  |  |
| --- | --- |
| b.image**(**:src, "img.gif"**)**.loaded? | *# is image loaded?* |
| b.image**(**:src, "img.gif"**)**.height | *# height* |
| b.image**(**:src, "img.gif"**)**.width | *# width* |
| b.image**(**:src, "img.gif"**)**.click | *# click* |
| b.images**[**0**]**.click | *# click 1st image* |

DIV

|  |  |
| --- | --- |
| b.div**(**:class, "body"**)**.text | *# get text* |
| b.divs**[**1**]**.when\_present.text | *# get text of 2nd div when it appears* |

TABLE

|  |  |
| --- | --- |
| b.table**(**:id, "table"**)[**0**][**0**]**.text | *# row 1, col 1* |
| b.table**(**:id, "table"**)**.tr**{**0**}**.cell**{**1**}**.text | *# row 1, col 2 (alternate)* |
| puts b.table**(**:id, "table"**)[**1**]**.text | *# row 2 - entire text* |
| puts b.table**(**:id, "table"**)[**3**]**.click | *# click row #4* |
| b.table**(**:id, "table"**)**.row.cells.length | *# get column count* |
| b.table**(**:id, "table"**)**.row\_count  b.table**(**:id, "table"**)**.rows.length | *# row count* |

GENERAL

|  |  |
| --- | --- |
| b.text\_field**(**:id, "text"**)**.exists? | *# [exists?]* |
| b.select\_list**(**:id, "list"**)**.enabled? | *# [enabled?]* |
| b.element**(**:id, "e"**)**.present? | *# [present?]* |
| b.element**(**:id, "e"**)**.tag\_name | *# [tag\_name]* |
| b.screenshot.save "c:\\page.png | *# [screenshot]* |
| b.element**(**:id, "btn"**)**.to\_subtype | *# [to\_subtype] # returns button* |
| b.image**(**:index, 1**)**.click | *# [index] click 2nd image on page* |
| b.text\_fields.each do **|**i**|**  puts i.name  end | *# [loops]*  *# get names of all text-fields* |
| puts b.text\_fields**[**0**]**.name | *# get name of first text-field* |
| puts b.text\_fields**[**1**]**.name | *# get name of second text-field* |

WAITING

|  |  |
| --- | --- |
| b.button**(**:id **=>** "btn"**)**.when\_until\_present | *# [wait\_until\_present]* |
| b.button**(**:id **=>** "btn"**)**.when\_present.click  b.button**(**:id **=>** "btn"**)**.when\_present**(**10**)**.click | *# [when\_present]* |
| b.button**(**:value **=>** "submit"**)**.click  b.button**(**:value **=>** "submit"**)**.wait\_while\_present | *# [wait\_while\_present]* |
| b.driver.manage.timeouts.implicit\_wait = 5 | *# [implicit wait] 5 seconds* |