Selenium Cheatsheet

Basic

from selenium import webdriver

from selenium.webdriver.common.keys import Keys

driver **=** webdriver**.**Firefox()

driver**.**get("http://www.python.org")

**assert** "Python" **in** driver**.**title

elem **=** driver**.**find\_element\_by\_name("q")

elem**.**send\_keys("pycon")

elem**.**send\_keys(Keys**.**RETURN)

**assert** "No results found." **not** **in** driver**.**page\_source

driver**.**back()

driver**.**close()

Element

*# element html*

element**.**get\_attribute('innerHTML')

element**.**get\_attribute('outerHTML')

*# element text*

element**.**text

*# page html*

page**.**source

Forms

*# fill text element*

element**.**send\_keys("some text")

element**.**send\_keys(" and some", Keys**.**ARROW\_DOWN)

element**.**clear()

*# select form*

*# http://selenium-python.readthedocs.org/navigating.html*

*# submit form*

*# Assume the button has the ID "submit" :)*

driver**.**find\_element\_by\_id("submit")**.**click()

element**.**submit()

Execute Js

*# run js*

driver**.**execute\_script("window.scrollTo(0, document.body.scrollHeight);")

Selector

*# http://selenium-python.readthedocs.org/locating-elements.html*

*# id*

login\_form **=** driver**.**find\_element\_by\_id('loginForm')

*# name*

username **=** driver**.**find\_element\_by\_name('username')

*# xpath*

username **=** driver**.**find\_element\_by\_xpath("//form[input/@name='username']")

*# css*

content **=** driver**.**find\_element\_by\_css\_selector('p.content')

*# link text*

link1 **=** driver**.**find\_element\_by\_link\_text('Continue')

link2 **=** driver**.**find\_element\_by\_partial\_link\_text('Conti')

Wait

*# http://selenium-python.readthedocs.org/waits.html*

*###########################*

*#explicit wait*

*############################*

from selenium.webdriver.support import expected\_conditions **as** EC

wait **=** WebDriverWait(driver, 10)

element **=** wait**.**until(EC**.**element\_to\_be\_clickable((By**.**ID,'someid')))

*############################*

*# implicit wait*

*##########################*

from selenium import webdriver

driver **=** webdriver**.**Firefox()

driver**.**implicitly\_wait(10) *# seconds*

driver**.**get("http://somedomain/url\_that\_delays\_loading")

myDynamicElement **=** driver**.**find\_element\_by\_id("myDynamicElement")