

driver初始化	操作
基本	元素WebElement
driver = webdriver.Firefox()	element = driver.find_element_by..
driver = webdriver.Chrome()	element.click() # 点击条目或按钮
driver = webdriver.Ie()	element.send_keys('string to type')
高级	element.submit() # 提交表单
# FirefoxProfile	element.clear()
profile = webdriver.FirefoxProfile()	
profile.set_preference(...)	element.text
driver = webdriver.Firefox(firefox_profile=profile)	element.get_attribute('attribute name')
# ChromeOptions	element.is_displayed()
options = webdriver.ChromeOptions()	element.is_enabled()
options.add_experimental_option(...)	element.is_selected()
driver = webdriver.Chrome(executable_path='', chrome_options=options)	
定位	select下拉列表
前缀	select = Select(element)
单个元素	select.select_by_index()
driver.find_element_by_	select.select_by_value()
元素列表	select.select_by_visible_text()
driver.find_elements_by_	select.deselect_by_index() # _value(), _visible_text()
定位方式	select.deselect_all()
id('id') 推荐	select.options
name('name')	select.all_selected_options
class_name('class name')	select.first_selected_option
tag_name('tag name')	
link_text('link text')	
partial_link_text('partial link text')	
css_selector('css selector')	
xpath('xpath')	
示例	
driver.find_element_by_id('su')	
driver.find_elements_by_class_name('btn')	
导航	driver
# 打开url	driver.maximize_window()
driver.get('http://example.com')	driver.get_cookies()
# 刷新页面	driver.delete_all_cookies()
driver.refresh()	driver.get_cookie('cookie name')
# 前进到历史页面	driver.delete_cookie('cookie name')
driver.forward()	driver.add_cookie(cookie_dict)
# 后退到历史页面	driver.switch_to.active_element # 获取当前焦点元素
driver.back()	
Frames	
driver.switch_to.frame(1) # 用index定位	
driver.switch_to.frame('name') # 用name定位	
driver.switch_to.frame(element) # 用WebElement对象定位	
driver.switch_to.parent_frame() # 切到父frame	
driver.switch_to.default_content() # 切回主文档	
Selenium Grid	Windows
Start hub:java -jar selenium-server-standalone-xxx.jar -role hub	current_handle = driver.current_window_handle
Start node:java -jar selenium-server-standalone-xxx.jar -role node -hub http://localhost:4444/grid/register	all_handles = driver.window_handles
	# 切换到新打开的window
	curwindow = driver.current_window_handle
	# 打开新window
	allwindows = driver.window_handles
	for window in allwindows:
	if window != curwindow:
	driver.switch_to.window(window)
	Alerts
	driver.switch_to.alert.text
	driver.switch_to.alert.accept()
	driver.switch_to.alert.dismiss()
	driver.switch_to.alert.send_keys('text')