

Selenium WebDriver - Important Methods

Browser Control

`driver.get(url)`: Opens the given URL

`driver.quit()`: Closes all windows and ends session

`driver.close()`: Closes the current window

`driver.refresh()`: Refreshes the current page

`driver.back()`: Goes back to the previous page

`driver.forward()`: Goes forward to the next page

Element Locators

`find_element(By.ID, "id")`: Locate by ID

`find_element(By.NAME, "name")`: Locate by name

`find_element(By.CLASS_NAME, "class")`: Locate by class name

`find_element(By.TAG_NAME, "tag")`: Locate by tag name

`find_element(By.LINK_TEXT, "text")`: Locate by link text

`find_element(By.XPATH, "//div")`: Locate by XPath

`find_element(By.CSS_SELECTOR, "css")`: Locate by CSS selector

Element Interaction

`element.click()`: Clicks the element

`element.send_keys()`: Sends text input

`element.clear()`: Clears input field

`element.submit()`: Submits a form

Element Properties

`element.text`: Gets visible text

`element.get_attribute("x")`: Gets attribute value

`element.is_displayed()`: Checks visibility

`element.is_enabled()`: Checks if element is enabled

`element.is_selected()`: Checks if checkbox/radio is selected

Waits (Synchronization)

`WebDriverWait(driver, 10)`: Explicit wait up to 10 seconds

`.until(EC.presence_of_element_located(...))`: Waits for element to be present

Required imports:

```
from selenium.webdriver.support.ui import WebDriverWait
```

```
from selenium.webdriver.support import expected_conditions as EC
```