Robot Framework Selenium2Library Keywords

Selenium2Library is a web testing library for Robot Framework, and it runs tests in a real browser instance. It should work in most modern browsers and can be used with both Python and Jython interpreters. Before running tests that use Selenium2Library, Selenium2Library must be imported into your Robot test suite. Selenium2Library provides keywords to interact with cookies, web elements, browser windows and pages. Here is the full list of keywords in Selenium2Library.

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| --- | --- | --- |
| **Keyword** | **Arguments** | **Documentation** |
| Add Cookie | name, value, path=None, domain=None, secure=None, expiry=None | Adds a cookie to your current session. "name" and "value" are required, "path", "domain" and "secure" are optional |
| Alert Should Be Present | text= | Verifies an alert is present and dismisses it.  If text is a non-empty string, then it is also verified that the message of the alert equals to text.  Will fail if no alert is present. Note that following keywords will fail unless the alert is dismissed by this keyword or another like [Get Alert Message](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Get Alert Message). |
| Assign Id To Element | locator, id | Assigns a temporary identifier to element specified by locator.  This is mainly useful if the locator is complicated/slow XPath expression. Identifier expires when the page is reloaded.  Example:   |  |  |  | | --- | --- | --- | | Assign ID to Element | xpath=//div[@id="first\_div"] | my id | | Page Should Contain Element | my id |  | |
| Capture Page Screenshot | filename=None | Takes a screenshot of the current page and embeds it into the log.  filename argument specifies the name of the file to write the screenshot into. If no filename is given, the screenshot is saved into file selenium-screenshot-<counter>.png under the directory where the Robot Framework log file is written into. The filename is also considered relative to the same directory, if it is not given in absolute format.  css can be used to modify how the screenshot is taken. By default the bakground color is changed to avoid possible problems with background leaking when the page layout is somehow broken. |
| Checkbox Should Be Selected | locator | Verifies checkbox identified by locator is selected/checked.  Key attributes for checkboxes are id and name. |
| Checkbox Should Not Be Selected | locator | Verifies checkbox identified by locator is not selected/checked.  Key attributes for checkboxes are id and name. |
| Choose Cancel On Next Confirmation |  | Cancel will be selected the next time [Confirm Action](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Confirm Action) is used. |
| Choose File | locator, file\_path | Inputs the file\_path into file input field found by identifier.  This keyword is most often used to input files into upload forms. The file specified with file\_path must be available on the same host where the Selenium Server is running.  Example:   |  |  |  | | --- | --- | --- | | Choose File | my\_upload\_field | /home/user/files/trades.csv | |
| Choose Ok On Next Confirmation |  | Undo the effect of using keywords [Choose Cancel On Next Confirmation](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Choose Cancel On Next Confirmation). Note that Selenium's overridden window.confirm() function will normally automatically return true, as if the user had manually clicked OK, so you shouldn't need to use this command unless for some reason you need to change your mind prior to the next confirmation. After any confirmation, Selenium will resume using the default behavior for future confirmations, automatically returning true (OK) unless/until you explicitly use [Choose Cancel On Next Confirmation](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Choose Cancel On Next Confirmation) for each confirmation.  Note that every time a confirmation comes up, you must consume it by using a keywords such as [Get Alert Message](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Get Alert Message), or else the following selenium operations will fail. |
| Click Button | locator | Clicks a button identified by locator.  Key attributes for buttons are id, name and value. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Click Element | locator | Click element identified by locator.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Click Element At Coordinates | locator, xoffset, yoffset | Click element identified by locator at x/y coordinates of the element. Cursor is moved and the center of the element and x/y coordinates are calculted from that point.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Click Image | locator | Clicks an image found by locator.  Key attributes for images are id, src and alt. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Click Link | locator | Clicks a link identified by locator.  Key attributes for links are id, name, href and link text. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Close All Browsers |  | Closes all open browsers and resets the browser cache.  After this keyword new indexes returned from [Open Browser](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Open Browser) keyword are reset to 1.  This keyword should be used in test or suite teardown to make sure all browsers are closed. |
| Close Browser |  | Closes the current browser. |
| Close Window |  | Closes currently opened pop-up window. |
| Confirm Action |  | Dismisses currently shown confirmation dialog and returns it's message.  By default, this keyword chooses 'OK' option from the dialog. If 'Cancel' needs to be chosen, keyword [Choose Cancel On Next Confirmation](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Choose Cancel On Next Confirmation) must be called before the action that causes the confirmation dialog to be shown.  Examples:   |  |  |  | | --- | --- | --- | | Click Button | Send | # Shows a confirmation dialog | | ${message}= | Confirm Action | # Chooses Ok | | Should Be Equal | ${message} | Are your sure? | |  |  |  | | Choose Cancel On Next Confirmation |  |  | | Click Button | Send | # Shows a confirmation dialog | | Confirm Action |  | # Chooses Cancel | |
| Create Webdriver | driver\_name, alias=None, kwargs={}, \*\*init\_kwargs | Creates an instance of a WebDriver.  Like [Open Browser](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Open Browser), but allows passing arguments to a WebDriver's \_\_init\_\_. *Open Browser* is preferred over *Create Webdriver* when feasible.  Returns the index of this browser instance which can be used later to switch back to it. Index starts from 1 and is reset back to it when [Close All Browsers](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Close All Browsers) keyword is used. See [Switch Browser](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Switch Browser) for example.  driver\_name must be the exact name of a WebDriver in *selenium.webdriver* to use. WebDriver names include: Firefox, Chrome, Ie, Opera, Safari, PhantomJS, and Remote.  Use keyword arguments to specify the arguments you want to pass to the WebDriver's \_\_init\_\_. The values of the arguments are not processed in any way before being passed on. For Robot Framework < 2.8, which does not support keyword arguments, create a keyword dictionary and pass it in as argument kwargs. See the [Selenium API Documentation](http://selenium.googlecode.com/git/docs/api/py/api.html) for information about argument names and appropriate argument values.  Examples:   |  |  |  |  | | --- | --- | --- | --- | | # use proxy for Firefox |  |  |  | | ${proxy}= | Evaluate | sys.modules['selenium.webdriver'].Proxy() | sys, selenium.webdriver | | ${proxy.http\_proxy}= | Set Variable | localhost:8888 |  | | Create Webdriver | Firefox | proxy=${proxy} |  | | # use a proxy for PhantomJS |  |  |  | | ${service args}= | Create List | --proxy=192.168.132.104:8888 |  | | Create Webdriver | PhantomJS | service\_args=${service args} |  |   Example for Robot Framework < 2.8:   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | # debug IE driver |  |  |  |  |  | | ${kwargs}= | Create Dictionary | log\_level | DEBUG | log\_file | %{HOMEPATH}${/}ie.log | | Create Webdriver | Ie | kwargs=${kwargs} |  |  |  | |
| Current Frame Contains | text, loglevel=INFO | Verifies that current frame contains text.  See [Page Should Contain](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain)for explanation about loglevel argument. |
| Current Frame Should Not Contain | text, loglevel=INFO | Verifies that current frame contains text.  See [Page Should Contain](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain)for explanation about loglevel argument. |
| Delete All Cookies |  | Deletes all cookies. |
| Delete Cookie | name | Deletes cookie matching name.  If the cookie is not found, nothing happens. |
| Double Click Element | locator | Double click element identified by locator.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Drag And Drop | source, target | Drags element identified with source which is a locator.  Element can be moved on top of another element with target argument.  target is a locator of the element where the dragged object is dropped.  Examples:   |  |  |  |  | | --- | --- | --- | --- | | Drag And Drop | elem1 | elem2 | # Move elem1 over elem2. | |
| Drag And Drop By Offset | source, xoffset, yoffset | Drags element identified with source which is a locator.  Element will be moved by xoffset and yoffset. each of which is a negative or positive number specify the offset.  Examples:   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Drag And Drop | myElem | 50 | -35 | # Move myElem 50px right and 35px down. | |
| Element Should Be Disabled | locator | Verifies that element identified with locator is disabled.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Element Should Be Enabled | locator | Verifies that element identified with locator is enabled.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Element Should Be Visible | locator, message= | Verifies that the element identified by locator is visible.  Herein, visible means that the element is logically visible, not optically visible in the current browser viewport. For example, an element that carries display:none is not logically visible, so using this keyword on that element would fail.  message can be used to override the default error message.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Element Should Contain | locator, expected, message= | Verifies element identified by locator contains text expected.  If you wish to assert an exact (not a substring) match on the text of the element, use [Element Text Should Be](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Element Text Should Be).  message can be used to override the default error message.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Element Should Not Be Visible | locator, message= | Verifies that the element identified by locator is NOT visible.  This is the opposite of [Element Should Be Visible](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Element Should Be Visible).  message can be used to override the default error message.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Element Text Should Be | locator, expected, message= | Verifies element identified by locator exactly contains text expected.  In contrast to [Element Should Contain](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Element Should Contain), this keyword does not try a substring match but an exact match on the element identified by locator.  message can be used to override the default error message.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Execute Async Javascript | \*code | Executes asynchronous JavaScript code.  code may contain multiple lines of code but must contain a return statement (with the value to be returned) at the end.  code may be divided into multiple cells in the test data. In that case, the parts are catenated together without adding spaces.  If code is an absolute path to an existing file, the JavaScript to execute will be read from that file. Forward slashes work as a path separator on all operating systems.  Note that, by default, the code will be executed in the context of the Selenium object itself, so this will refer to the Selenium object. Use window to refer to the window of your application, e.g. window.document.getElementById('foo').  Example:   |  |  | | --- | --- | | Execute Async JavaScript | window.my\_js\_function('arg1', 'arg2') | | Execute Async JavaScript | ${CURDIR}/js\_to\_execute.js | |
| Execute Javascript | \*code | Executes the given JavaScript code.  code may contain multiple lines of code but must contain a return statement (with the value to be returned) at the end.  code may be divided into multiple cells in the test data. In that case, the parts are catenated together without adding spaces.  If code is an absolute path to an existing file, the JavaScript to execute will be read from that file. Forward slashes work as a path separator on all operating systems.  Note that, by default, the code will be executed in the context of the Selenium object itself, so this will refer to the Selenium object. Use window to refer to the window of your application, e.g. window.document.getElementById('foo').  Example:   |  |  | | --- | --- | | Execute JavaScript | window.my\_js\_function('arg1', 'arg2') | | Execute JavaScript | ${CURDIR}/js\_to\_execute.js | |
| Focus | locator | Sets focus to element identified by locator. |
| Frame Should Contain | locator, text, loglevel=INFO | Verifies frame identified by locator contains text.  See [Page Should Contain](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain)for explanation about loglevel argument.  Key attributes for frames are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Get Alert Message |  | Returns the text of current JavaScript alert.  This keyword will fail if no alert is present. Note that following keywords will fail unless the alert is dismissed by this keyword or another like [Get Alert Message](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Get Alert Message). |
| Get All Links |  | Returns a list containing ids of all links found in current page.  If a link has no id, an empty string will be in the list instead. |
| Get Cookie Value | name | Returns value of cookie found with name.  If no cookie is found with name, this keyword fails. |
| Get Cookies |  | Returns all cookies of the current page. |
| Get Element Attribute | attribute\_locator | Return value of element attribute.  attribute\_locator consists of element locator followed by an @ sign and attribute name, for example "element\_id@class". |
| Get Horizontal Position | locator | Returns horizontal position of element identified by locator.  The position is returned in pixels off the left side of the page, as an integer. Fails if a matching element is not found.  See also [Get Vertical Position](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Get Vertical Position). |
| Get List Items | locator | Returns the values in the select list identified by locator.  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Get Location |  | Returns the current location. |
| Get Matching Xpath Count | xpath | Returns number of elements matching xpath  If you wish to assert the number of matching elements, use [Xpath Should Match X Times](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords" \l "Xpath Should Match X Times). |
| Get Selected List Label | locator | Returns the visible label of the selected element from the select list identified by locator.  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Get Selected List Labels | locator | Returns the visible labels of selected elements (as a list) from the select list identified by locator.  Fails if there is no selection.  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Get Selected List Value | locator | Returns the value of the selected element from the select list identified by locator.  Return value is read from value attribute of the selected element.  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Get Selected List Values | locator | Returns the values of selected elements (as a list) from the select list identified by locator.  Fails if there is no selection.  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Get Selenium Implicit Wait |  | Gets the wait in seconds that is waited by Selenium.  See [Set Selenium Implicit Wait](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Set Selenium Implicit Wait) for an explanation. |
| Get Selenium Speed |  | Gets the delay in seconds that is waited after each Selenium command.  See [Set Selenium Speed](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Set Selenium Speed) for an explanation. |
| Get Selenium Timeout |  | Gets the timeout in seconds that is used by various keywords.  See [Set Selenium Timeout](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Set Selenium Timeout) for an explanation. |
| Get Source |  | Returns the entire html source of the current page or frame. |
| Get Table Cell | table\_locator, row, column, loglevel=INFO | Returns the content from a table cell.  Row and column number start from 1. Header and footer rows are included in the count. This means that also cell content from header or footer rows can be obtained with this keyword. |
| Get Text | locator | Returns the text value of element identified by locator.[Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Get Title |  | Returns title of current page. |
| Get Value | locator | Returns the value attribute of element identified by locator.[Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Get Vertical Position | locator | Returns vertical position of element identified by locator.  The position is returned in pixels off the top of the page, as an integer. Fails if a matching element is not found.  See also [Get Horizontal Position](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Get Horizontal Position). |
| Get Window Identifiers |  | Returns and logs id attributes of all windows known to the browser. |
| Get Window Names |  | Returns and logs names of all windows known to the browser. |
| Get Window Size |  | Returns current window size as width then height.  Example:   |  |  |  | | --- | --- | --- | | ${width} | ${height}= | Get Window Size | |
| Get Window Titles |  | Returns and logs titles of all windows known to the browser. |
| Go Back |  | Simulates the user clicking the "back" button on their browser. |
| Go To | url | Navigates the active browser instance to the provided URL. |
| Input Password | locator, text | Types the given password into text field identified by locator.  Difference between this keyword and [Input Text](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Input Text) is that this keyword does not log the given password. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Input Text | locator, text | Types the given text into text field identified by locator.[Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| List Selection Should Be | locator, \*items | Verifies the selection of select list identified by locator is exactly \*items.  If you want to test that no option is selected, simply give no items.  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| List Should Have No Selections | locator | Verifies select list identified by locator has no selections.  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Location Should Be | url | Verifies that current URL is exactly url. |
| Location Should Contain | expected | Verifies that current URL contains expected. |
| Log Location |  | Logs and returns the current location. |
| Log Source | loglevel=INFO | Logs and returns the entire html source of the current page or frame.  The loglevel argument defines the used log level. Valid log levels are WARN, INFO (default), DEBUG, TRACE and NONE (no logging). |
| Log Title |  | Logs and returns the title of current page. |
| Maximize Browser Window |  | Maximizes current browser window. |
| Mouse Down | locator | Simulates pressing the left mouse button on the element specified by locator.  The element is pressed without releasing the mouse button.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator)  See also the more specific keywords [Mouse Down On Image](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Mouse Down On Image) and [Mouse Down On Link](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Mouse Down On Link). |
| Mouse Down On Image | locator | Simulates a mouse down event on an image.  Key attributes for images are id, src and alt. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Mouse Down On Link | locator | Simulates a mouse down event on a link.  Key attributes for links are id, name, href and link text. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Mouse Out | locator | Simulates moving mouse away from the element specified by locator.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Mouse Over | locator | Simulates hovering mouse over the element specified by locator.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Mouse Up | locator | Simulates releasing the left mouse button on the element specified by locator.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Open Browser | url, browser=firefox, alias=None, remote\_url=False, desired\_capabilities=None, ff\_profile\_dir=None | Opens a new browser instance to given URL.  Returns the index of this browser instance which can be used later to switch back to it. Index starts from 1 and is reset back to it when [Close All Browsers](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Close All Browsers) keyword is used. See [Switch Browser](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Switch Browser) for example.  Optional alias is an alias for the browser instance and it can be used for switching between browsers (just as index can be used). See [Switch Browser](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Switch Browser) for more details.  Possible values for browser are as follows:   |  |  | | --- | --- | | firefox | FireFox | | ff | FireFox | | internetexplorer | Internet Explorer | | ie | Internet Explorer | | googlechrome | Google Chrome | | gc | Google Chrome | | chrome | Google Chrome | | opera | Opera | | phantomjs | PhantomJS | | htmlunit | HTMLUnit | | htmlunitwithjs | HTMLUnit with Javascipt support | | android | Android | | iphone | Iphone | | safari | Safari |   Optional 'ff\_profile\_dir' is the path to the firefox profile dir if you wish to overwrite the default. |
| Open Context Menu | locator | Opens context menu on element identified by locator. |
| Page Should Contain | text, loglevel=INFO | Verifies that current page contains text.  If this keyword fails, it automatically logs the page source using the log level specified with the optional loglevel argument. Giving NONE as level disables logging. |
| Page Should Contain Button | locator, message=, loglevel=INFO | Verifies button identified by locator is found from current page.  This keyword searches for buttons created with either input or button tag.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for buttons are id, name and value. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Contain Checkbox | locator, message=, loglevel=INFO | Verifies checkbox identified by locator is found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for checkboxes are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Contain Element | locator, message=, loglevel=INFO | Verifies element identified by locator is found on the current page.  message can be used to override default error message.  See [Page Should Contain](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain) for explanation about loglevel argument.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Contain Image | locator, message=, loglevel=INFO | Verifies image identified by locator is found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for images are id, src and alt. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Contain Link | locator, message=, loglevel=INFO | Verifies link identified by locator is found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for links are id, name, href and link text. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Contain List | locator, message=, loglevel=INFO | Verifies select list identified by locator is found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Contain Radio Button | locator, message=, loglevel=INFO | Verifies radio button identified by locator is found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for radio buttons are id, name and value. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Contain Textfield | locator, message=, loglevel=INFO | Verifies text field identified by locator is found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for text fields are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Not Contain | text, loglevel=INFO | Verifies the current page does not contain text.  See [Page Should Contain](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain)for explanation about loglevel argument. |
| Page Should Not Contain Button | locator, message=, loglevel=INFO | Verifies button identified by locator is not found from current page.  This keyword searches for buttons created with either input or button tag.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for buttons are id, name and value. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Not Contain Checkbox | locator, message=, loglevel=INFO | Verifies checkbox identified by locator is not found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for checkboxes are id and name.[Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Not Contain Element | locator, message=, loglevel=INFO | Verifies element identified by locator is not found on the current page.  message can be used to override the default error message.  See [Page Should Contain](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain)for explanation about loglevel argument.  Key attributes for arbitrary elements are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Not Contain Image | locator, message=, loglevel=INFO | Verifies image identified by locator is found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for images are id, src and alt. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Not Contain Link | locator, message=, loglevel=INFO | Verifies image identified by locator is not found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for images are id, src and alt. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Not Contain List | locator, message=, loglevel=INFO | Verifies select list identified by locator is not found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Not Contain Radio Button | locator, message=, loglevel=INFO | Verifies radio button identified by locator is not found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for radio buttons are id, name and value. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Page Should Not Contain Textfield | locator, message=, loglevel=INFO | Verifies text field identified by locator is not found from current page.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments.  Key attributes for text fields are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Press Key | locator, key | Simulates user pressing key on element identified by locator.  key is either a single character, or a numerical ASCII code of the key lead by '\'.  Examples:   |  |  |  |  | | --- | --- | --- | --- | | Press Key | text\_field | q |  | | Press Key | login\_button | \13 | # ASCII code for enter key | |
| Radio Button Should Be Set To | group\_name, value | Verifies radio button group identified by group\_name has its selection set to value.  See [Select Radio Button](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Select Radio Button) for information about how radio buttons are located. |
| Radio Button Should Not Be Selected | group\_name | Verifies radio button group identified by group\_name has no selection.  See [Select Radio Button](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Select Radio Button) for information about how radio buttons are located. |
| Register Keyword To Run On Failure | keyword | Sets the keyword to execute when a Selenium2Library keyword fails.  keyword\_name is the name of a keyword (from any available libraries) that will be executed if a Selenium2Library keyword fails. It is not possible to use a keyword that requires arguments. Using the value "Nothing" will disable this feature altogether.  The initial keyword to use is set in [importing](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Importing), and the keyword that is used by default is [Capture Page Screenshot](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Capture Page Screenshot). Taking a screenshot when something failed is a very useful feature, but notice that it can slow down the execution.  This keyword returns the name of the previously registered failure keyword. It can be used to restore the original value later.  Example:   |  |  |  |  | | --- | --- | --- | --- | | Register Keyword To Run On Failure | Log Source | # Run [Log Source](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Log Source) on failure. |  | | ${previous kw}= | Register Keyword To Run On Failure | Nothing | # Disables run-on-failure functionality and stores the previous kw name in a variable. | | Register Keyword To Run On Failure | ${previous kw} | # Restore to the previous keyword. |  |   This run-on-failure functionality only works when running tests on Python/Jython 2.4 or newer and it does not work on IronPython at all. |
| Reload Page |  | Simulates user reloading page. |
| Select All From List | locator | Selects all values from multi-select list identified by id.  Key attributes for lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Select Checkbox | locator | Selects checkbox identified by locator.  Does nothing if checkbox is already selected. Key attributes for checkboxes are id and name.[Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Select Frame | locator | Sets frame identified by locator as current frame.  Key attributes for frames are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Select From List | locator, \*items | Selects \*items from list identified by locator  If more than one value is given for a single-selection list, the last value will be selected. If the target list is a multi-selection list, and \*items is an empty list, all values of the list will be selected.  \*items try to select by value then by label.  It's faster to use 'by index/value/label' functions.  An exception is raised for a single-selection list if the last value does not exist in the list and a warning for all other non- existing items. For a multi-selection list, an exception is raised for any and all non-existing values.  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Select From List By Index | locator, \*indexes | Selects \*indexes from list identified by locator  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Select From List By Label | locator, \*labels | Selects \*labels from list identified by locator  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Select From List By Value | locator, \*values | Selects \*values from list identified by locator  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Select Radio Button | group\_name, value | Sets selection of radio button group identified by group\_name to value.  The radio button to be selected is located by two arguments:   * group\_name is used as the name of the radio input * value is used for the value attribute or for the id attribute   The XPath used to locate the correct radio button then looks like this: //input[@type='radio' and @name='group\_name' and (@value='value' or @id='value')]  Examples:   |  |  |  |  | | --- | --- | --- | --- | | Select Radio Button | size | XL | # Matches HTML like <input type="radio" name="size" value="XL">XL</input> | | Select Radio Button | size | sizeXL | # Matches HTML like <input type="radio" name="size" value="XL" id="sizeXL">XL</input> | |
| Select Window | locator=None | Selects the window found with locator as the context of actions.  If the window is found, all subsequent commands use that window, until this keyword is used again. If the window is not found, this keyword fails.  By default, when a locator value is provided, it is matched against the title of the window and the javascript name of the window. If multiple windows with same identifier are found, the first one is selected.  Special locator main (default) can be used to select the main window.  It is also possible to specify the approach Selenium2Library should take to find a window by specifying a locator strategy:   |  |  |  | | --- | --- | --- | | **Strategy** | **Example** | **Description** | | title | Select Window | title=My Document | Matches by window title | | name | Select Window | name=${name} | Matches by window javascript name | | url | Select Window | url=http://google.com | Matches by window's current URL |   Example:   |  |  |  |  | | --- | --- | --- | --- | | Click Link | popup\_link | # opens new window |  | | Select Window | popupName |  |  | | Title Should Be | Popup Title |  |  | | Select Window |  |  | # Chooses the main window again | |
| Set Browser Implicit Wait | seconds | Sets current browser's implicit wait in seconds.  From selenium 2 function 'Sets a sticky timeout to implicitly wait for an element to be found, or a command to complete. This method only needs to be called one time per session.'  Example:   |  |  | | --- | --- | | Set Browser Implicit Wait | 10 seconds |   See also [Set Selenium Implicit Wait](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Set Selenium Implicit Wait). |
| Set Selenium Implicit Wait | seconds | Sets Selenium 2's default implicit wait in seconds and sets the implicit wait for all open browsers.  From selenium 2 function 'Sets a sticky timeout to implicitly wait for an element to be found, or a command to complete. This method only needs to be called one time per session.'  Example:   |  |  |  | | --- | --- | --- | | ${orig wait} = | Set Selenium Implicit Wait | 10 seconds | | Perform AJAX call that is slow |  |  | | Set Selenium Implicit Wait | ${orig wait} |  | |
| Set Selenium Speed | seconds | Sets the delay in seconds that is waited after each Selenium command.  This is useful mainly in slowing down the test execution to be able to view the execution. seconds may be given in Robot Framework time format. Returns the previous speed value.  Example:   |  |  | | --- | --- | | Set Selenium Speed | .5 seconds | |
| Set Selenium Timeout | seconds | Sets the timeout in seconds used by various keywords.  There are several Wait ... keywords that take timeout as an argument. All of these timeout arguments are optional. The timeout used by all of them can be set globally using this keyword.  The previous timeout value is returned by this keyword and can be used to set the old value back later. The default timeout is 5 seconds, but it can be altered in [importing](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Importing).  Example:   |  |  |  | | --- | --- | --- | | ${orig timeout} = | Set Selenium Timeout | 15 seconds | | Open page that loads slowly |  |  | | Set Selenium Timeout | ${orig timeout} |  | |
| Set Window Size | width, height | Sets the width and height of the current window to the specified values.  Example:   |  |  |  | | --- | --- | --- | | Set Window Size | ${800} | ${600} | | ${width} | ${height}= | Get Window Size | | Should Be Equal | ${width} | ${800} | | Should Be Equal | ${height} | ${600} | |
| Simulate | locator, event | Simulates event on element identified by locator.  This keyword is useful if element has OnEvent handler that needs to be explicitly invoked.[Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Submit Form | locator=None | Submits a form identified by locator.  If locator is empty, first form in the page will be submitted. Key attributes for forms are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Switch Browser | index\_or\_alias | Switches between active browsers using index or alias.  Index is returned from [Open Browser](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Open Browser) and alias can be given to it.  Example:   |  |  |  |  | | --- | --- | --- | --- | | Open Browser | [http://google.com](http://google.com/) | ff |  | | Location Should Be | [http://google.com](http://google.com/) |  |  | | Open Browser | [http://yahoo.com](http://yahoo.com/) | ie | 2nd conn | | Location Should Be | [http://yahoo.com](http://yahoo.com/) |  |  | | Switch Browser | 1 | # index |  | | Page Should Contain | I'm feeling lucky |  |  | | Switch Browser | 2nd conn | # alias |  | | Page Should Contain | More Yahoo! |  |  | | Close All Browsers |  |  |  |   Above example expects that there was no other open browsers when opening the first one because it used index '1' when switching to it later. If you aren't sure about that you can store the index into a variable as below.   |  |  |  |  | | --- | --- | --- | --- | | ${id} = | Open Browser | [http://google.com](http://google.com/) | \*firefox | | # Do something ... |  |  |  | | Switch Browser | ${id} |  |  | |
| Table Cell Should Contain | table\_locator, row, column, expected, loglevel=INFO | Verifies that a certain cell in a table contains expected.  Row and column number start from 1. This keyword passes if the specified cell contains the given content. If you want to test that the cell content matches exactly, or that it e.g. starts with some text, use [Get Table Cell](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Get Table Cell) keyword in combination with built-in keywords such as Should Be Equal or Should Start With. |
| Table Column Should Contain | table\_locator, col, expected, loglevel=INFO | Verifies that a specific column contains expected.  The first leftmost column is column number 1. If the table contains cells that span multiple columns, those merged cells count as a single column. For example both tests below work, if in one row columns A and B are merged with colspan="2", and the logical third column contains "C".  Example:   |  |  |  |  | | --- | --- | --- | --- | | Table Column Should Contain | tableId | 3 | C | | Table Column Should Contain | tableId | 2 | C |   See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about loglevel argument. |
| Table Footer Should Contain | table\_locator, expected, loglevel=INFO | Verifies that the table footer contains expected.  With table footer can be described as any <td>-element that is child of a <tfoot>-element.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about loglevel argument. |
| Table Header Should Contain | table\_locator, expected, loglevel=INFO | Verifies that the table header, i.e. any <th>...</th> element, contains expected.See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about loglevel argument. |
| Table Row Should Contain | table\_locator, row, expected, loglevel=INFO | Verifies that a specific table row contains expected.  The uppermost row is row number 1. For tables that are structured with thead, tbody and tfoot, only the tbody section is searched. Please use [Table Header Should Contain](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Table Header Should Contain) or [Table Footer Should Contain](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Table Footer Should Contain) for tests against the header or footer content.  If the table contains cells that span multiple rows, a match only occurs for the uppermost row of those merged cells.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about loglevel argument. |
| Table Should Contain | table\_locator, expected, loglevel=INFO | Verifies that expected can be found somewhere in the table.See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about loglevel argument. |
| Textarea Should Contain | locator, expected, message= | Verifies text area identified by locator contains text expected.  message can be used to override default error message.  Key attributes for text areas are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Textarea Value Should Be | locator, expected, message= | Verifies the value in text area identified by locator is exactly expected.  message can be used to override default error message.  Key attributes for text areas are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Textfield Should Contain | locator, expected, message= | Verifies text field identified by locator contains text expected.  message can be used to override default error message.  Key attributes for text fields are id and name. See [introduction](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Introduction) for details about locating elements. |
| Textfield Value Should Be | locator, expected, message= | Verifies the value in text field identified by locator is exactly expected.  message can be used to override default error message.  Key attributes for text fields are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Title Should Be | title | Verifies that current page title equals title. |
| Unselect Checkbox | locator | Removes selection of checkbox identified by locator.  Does nothing if the checkbox is not checked. Key attributes for checkboxes are id and name.[Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Unselect Frame |  | Sets the top frame as the current frame. |
| Unselect From List | locator, \*items | Unselects given values from select list identified by locator.  As a special case, giving empty list as \*items will remove all selections.  \*items try to unselect by value AND by label.  It's faster to use 'by index/value/label' functions.  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Unselect From List By Index | locator, \*indexes | Unselects \*indexes from list identified by locator  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Unselect From List By Label | locator, \*labels | Unselects \*labels from list identified by locator  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Unselect From List By Value | locator, \*values | Unselects \*values from list identified by locator  Select list keywords work on both lists and combo boxes. Key attributes for select lists are id and name. [Visit the article "Selenium Robot Framework Element Locator"](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/195-selenium-robot-framework-element-locator) |
| Wait For Condition | condition, timeout=None, error=None | Waits until the given condition is true or timeout expires.  code may contain multiple lines of code but must contain a return statement (with the value to be returned) at the end  The condition can be arbitrary JavaScript expression but must contain a return statement (with the value to be returned) at the end. See [Execute JavaScript](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Execute Javascript) for information about accessing the actual contents of the window through JavaScript.  error can be used to override the default error message.See also [Wait Until Page Contains](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait Until Page Contains), [Wait Until Page Contains Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait Until Page Contains Element), [Wait Until Element Is Visible](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait Until Element Is Visible) and BuiltIn keyword Wait Until Keyword Succeeds. |
| Wait Until Element Is Visible | locator, timeout=None, error=None | Waits until element specified with locator is visible.Fails if timeout expires before the element is visible. See also [Wait Until Page Contains](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait Until Page Contains), [Wait Until Page Contains Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait Until Page Contains Element), [Wait For Condition](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait For Condition) and BuiltIn keyword Wait Until Keyword Succeeds. |
| Wait Until Page Contains | text, timeout=None, error=None | Waits until text appears on current page.Fails if timeout expires before the text appears. See also [Wait Until Page Contains Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait Until Page Contains Element), [Wait For Condition](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait For Condition), [Wait Until Element Is Visible](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait Until Element Is Visible) and BuiltIn keyword Wait Until Keyword Succeeds. |
| Wait Until Page Contains Element | locator, timeout=None, error=None | Waits until element specified with locator appears on current page.Fails if timeout expires before the element appears.  error can be used to override the default error message.  See also [Wait Until Page Contains](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait Until Page Contains), [Wait For Condition](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait For Condition), [Wait Until Element Is Visible](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Wait Until Element Is Visible) and BuiltIn keyword Wait Until Keyword Succeeds. |
| Xpath Should Match X Times | xpath, expected\_xpath\_count, message=, loglevel=INFO | Verifies that the page contains the given number of elements located by the given xpath.  See [Page Should Contain Element](http://seleniummaster.com/sitecontent/index.php/selenium-robot-framework-menu/selenium-robot-framework-python-menu/200-robot-framework-selenium2library-keywords#Page Should Contain Element) for explanation about message and loglevel arguments. |

Source: <http://rtomac.github.io/robotframework-selenium2library/doc/Selenium2Library.html>