

WebApp

Library version: RENAT 0.1.14
Library scope: test suite
Named arguments: supported

Introduction

A library provides common keywords for web applications (aka Samurai, Arbor TMS)

The library utilize *Selenium2Library* and adds more functions to control Samurai application easily.

The *WebApp* uses the configuration in `local.yaml` in `webapp` section. The webapp device has following format:

```
<test node name>:
  device: <device name>
  proxy:
    http: <proxy for http>
    https: <proxy for http>
    ssl: <proxy for http>
```

Where `<device name>` is defined in master `device.yaml`, `proxy` section could be optional.

In order to download files from link, a *download-path* and MIME of that download need to be listed in *profile* section of the application setting. Default *download-path* is the current active result folder.

Examples:

```
...
webapp:
  samurai-1:
    device: samurai-b
```

profile: auto-save-mime: application/octet-stream

```
proxy:
  http: 10.128.8.210:8080
  ssl: 10.128.8.210:8080
arbor-1:
  device: arbor-sp-a
```

profile: auto-save-mime: application/xml,application/octet-stream

```
proxy:
  http: 10.128.8.210:8080
  ssl: 10.128.8.210:8080
```

...

Selenium2Library keywords still could be used along with this library like this:

| | |
|----------------------------|--------------------------|
| Click Link | //a[contains(.,'ユーザ設定')] |
| Sleep | 2s |
| Click Link | Home設定 |
| Sleep | 2s |
| Samurai.Capture Screenshot | |

See [Selenium2Library](#) for more details.

The module *Samurai* and *Arbor* based on this module. See [Arbor](#), [Samurai](#) for details about keywords of each application.

Shortcuts

Capture Screenshot · Close · Close All · Get Verbose · Mark Element · Open Ff With Profile · Reset Capture Counter · Set Ajax Wait · Set Capture Counter · Set Capture Format · Set Verbose · Switch · Verbose Capture · Wait Until Element Changes

Keywords

| Keyword | Arguments | Documentation | | | | | | | | | | | | | | | |
|------------------------------------|--------------------------------------|---|------------------------------------|--|--------------------------|------------------------------------|-------------|-------------------------------|----------------------------------|--|------------------------|----------------------------------|------------|----------------------------|------------------------------------|-------------------|------------|
| Capture Screenshot | <i>filename=None</i> , <i>extra=</i> | <p>Captures the current screen to file</p> <p>Using the internal counter for filename if <code>filename</code> is not specified. In this case, the filename is defined by a pre-set format. <i>Set Capture Format</i> could be used to change the current format.</p> <p>An extra information will be add to the filename if <code>extra</code> is defined</p> <p>Examples:</p> <table><tr><td>Samurai.<i>Capture Screenshot</i></td><td></td><td># samurai_0000000001.png</td></tr><tr><td>Samurai.<i>Capture Screenshot</i></td><td>extra=_list</td><td># samurai_0000000002_list.png</td></tr><tr><td>Arbor.<i>Capture Screenshot</i></td><td></td><td># arbor_0000000001.png</td></tr><tr><td>Arbor.<i>Capture Screenshot</i></td><td>extra=_xxx</td><td># arbor_0000000001_xxx.png</td></tr><tr><td>Samurai.<i>Capture Screenshot</i></td><td>filename=1111.png</td><td># 1111.png</td></tr></table> | Samurai. <i>Capture Screenshot</i> | | # samurai_0000000001.png | Samurai. <i>Capture Screenshot</i> | extra=_list | # samurai_0000000002_list.png | Arbor. <i>Capture Screenshot</i> | | # arbor_0000000001.png | Arbor. <i>Capture Screenshot</i> | extra=_xxx | # arbor_0000000001_xxx.png | Samurai. <i>Capture Screenshot</i> | filename=1111.png | # 1111.png |
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| Arbor. <i>Capture Screenshot</i> | extra=_xxx | # arbor_0000000001_xxx.png | | | | | | | | | | | | | | | |
| Samurai. <i>Capture Screenshot</i> | filename=1111.png | # 1111.png | | | | | | | | | | | | | | | |

| | | |
|-----------------------------------|--|---|
| Close | | Close the web application |
| Close All | | Closes all current opened applications |
| Get Verbose | | Get current verbose mode |
| Mark Element | <i>xpath</i> | Marking an element to check its status later |
| Open Ff With Profile | <i>app, name</i> | |
| Reset Capture Counter | | Resets the counter of the screen capture |
| Set Ajax Wait | <i>wait_time=2s</i> | Set the ajax wait time |
| Set Capture Counter | <i>value=0</i> | Sets the counter of the screen capture to <code>value</code> |
| Set Capture Format | <i>format</i> | <p>Sets the format for the screen capture file</p> <p>The format does not include the default prefix <code>.png</code>. The default format is <code><mod>_%010d.</code>. <code>mod</code> could be <code>samurai</code> or <code>arbor</code></p> <p>See https://docs.python.org/2/library/string.html#format-specification-mini-language for more details about the format string.</p> <p>Examples:</p> <pre>Samurai.<i>Set Capture Format</i> \${case}_%010d # \${case} is a predefined variable</pre> |
| Set Verbose | <i>verbose=False</i> | Set current verbose mode to <code>verbose</code> |
| Switch | <i>name</i> | Switches the current browser to <code>name</code> |
| Verbose Capture | <i>*args, **kwargs</i> | Capture screenshot if verbose mode is <code>True</code> otherwise do nothing |
| Wait Until Element Changes | <i>interval=5s, timeout=180s, error_on_timeout=False</i> | Wait until the marked element has been changed |

Altogether 14 keywords.

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