
FoxPuppet Documentation

Release latest

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FoxPuppet is a library for automating user interactions in [Firefox](#) using [Selenium](#).

Requirements

FoxPuppet will work with python 2.7, and 3.6

Install FoxPuppet

To install FoxPuppet using `pip`:

```
$ pip install FoxPuppet
```

To install from source:

```
$ python setup.py develop
```


FoxPuppet is a library for automating user interactions in Firefox using Selenium. This section give some example use cases of FoxPuppet.

Example

This is an example for setting up FoxPuppet and opening a private window:

```
from foxpuppet import FoxPuppet
from selenium.webdriver import Firefox

selenium = Firefox()
foxpuppet = FoxPuppet(selenium)

window = foxpuppet.browser.open_window(private=True)
selenium.quit()
```

This example opens first a non-private browser window, then proceeds to open a private browser window. Finally it quits via `selenium.quit()`.

Note The initial browser window is automatically assigned to the `browser` attribute and is always available.

Automated Testing

All pull requests and merges are tested in [Travis CI](#) based on the `.travis.yml` file.

Usually, a link to your specific travis build appears in pull requests, but if not, you can find it on the [pull requests page](#)

The only way to trigger Travis CI to run again for a pull request, is to submit another change to the pull branch.

Test coverage is done by [Coveralls](#).

Running Tests

You will need [Tox](#) installed to run the tests against the supported Python versions.

You also need to have [Geckodriver](#) installed so the tests can run Firefox.

```
$ pip install tox
$ tox
```


CHAPTER 4

Release Notes

This part of the documentation describes the interfaces for using FoxPuppet.

FoxPuppet

class `foxpuppet.foxpuppet.FoxPuppet` (*selenium*)
Class that sets up the interface for interacting with the Firefox browser.
Parameters `selenium` (`WebDriver`) – `WebDriver` object

Windows

This module contains all of the window types as well as the window manager.

Window Manager

class `foxpuppet.windows.WindowManager` (*selenium*)
A window manager that controls the creation of window objects for interaction.
Parameters `selenium` (`WebDriver`) – `WebDriver` object.

Browser Window

class `foxpuppet.windows.browser.window.BrowserWindow` (*selenium, handle*)
Representation of a browser window.
close ()
Closes the window.

document_element

Returns the inner DOM window element.

Returns DOM window element.

Return type `WebDriver` locator

firefox_version

Major version of Firefox in use.

Returns Major component of the Firefox version.

Return type `int`

is_private

Property that checks if the specified window is private or not.

Returns True if this is a Private Browsing window.

Return type `bool`

navbar

Provides access to the Navigation Bar. :returns: `NavBar` :return type: `object`

notification

Provides access to the currently displayed notification.

open_window (*private=False*)

Opens a new browser window

Parameters **private** (*bool*) – Optional parameter to open a private browsing window. Defaults to `False`.

Returns `BrowserWindow` object of the newly opened window.

Return type `object`

switch_to ()

Switches focus for Selenium commands to this window.

wait_for_notification (*notification_class=<class 'foxpuppet.windows.browser.notifications.base.BaseNotification'>*)

Waits for the specified notification to be displayed.

Parameters **notification_class** – Optional, the notification class to wait for. If `None` is specified it will wait for any notification to be closed. Defaults to `BaseNotification`.

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