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# pytest-firefox Documentation

*Release latest*

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pytest-firefox is a plugin for [pytest](#) that provides support for running [Foxpuppet](#) to control [Firefox Web Browser](#) within a test.



### Requirements

pytest-fiefox will work with Python 2.7 and 3.6.

### Install pytest-firefox

To install pytest-firefox using `pip`:

```
$ pip install pytest-firefox
```

To install from source:

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





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## Quick Start

The pytest-firefox plugin provides a method scoped [fixture](#) for use within a test. This means that any test with Firefox as an argument will have access to [Foxpuppet](#) features for browser control.

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**Note:** It is advised to create a fixture named `selenium` and specify any options you want Firefox to be started with. By default, pytest-firefox will create a blank Firefox Webdriver object using [Selenium](#).

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Here is an example test that opens a new window using Foxpuppet.

```
def open_window(firefox):  
    firefox.open_window()
```

The above code will start a new Webdriver session with no options passed to Firefox. It will then open 1 new window for a total of 2 windows opened. By default, starting a new Selenium Webdriver session will open 1 window.

## Notifications

pytest-firefox has access to the different types of notifications shown within Firefox. To access these items simply add the notifications fixture as an argument in your tests.

```
def check_notification(firefox, notifications):  
    firefox.browser.wait_for_notification(notifications.AddOnInstallConfirmation)
```

The above code will wait for the notification type named AddOnInstallConfirmation to be shown. See more about [notifications](#).

## CHAPTER 3

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### Release Notes

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0.1 (2017-07-24)

- Initial Alpha Release