

# Capybara-webkit, RSpec, and Javascript

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November 01, 2011

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## Testing is great.

Being able to test Javascript is also great! Not knowing what you're doing when you start out is not so great. So, here are some basic notes on getting your test suite running with capybara-webkit, rspec and javascript.

## RSpec, Capy-what now?

For readers not in the know, RSpec is a testing framework Neoteric Design uses to help us ensure that our software isn't buggy and prone to errors as we develop features for a given project. Capybara is an add-on to RSpec to help us write tests around a user's behavior. For example, we can write "visit home\_page\_path" or "click\_link 'About Us'" and the test knows what this means. Finally, capybara-webkit is a driver for capybara that understands javascript so that we can test the dynamic features of our pages.

If you're still with me, and you want to know how to get your test suite up and running, then let's move along!

## Resources:

[Railscasts Episode 257: Request Specs and Capybara \(http://railscasts.com/episodes/257-request-specs-and-capybara\)](http://railscasts.com/episodes/257-request-specs-and-capybara)

[Capybara-webkit on Github \(https://github.com/thoughtbot/capybara-webkit\)](https://github.com/thoughtbot/capybara-webkit)

## Installation

Make sure your Gemfile includes capybara-webkit, rspec-rails, and database\_cleaner:

[gist:1331627]

You need database\_cleaner because database transactions aren't compatible with rspec drivers besides Rack::Test:

[gist:1331643]

You must still use the :js => true flag in your tests. Turns out, it's not a selenium-only feature:

[gist:1331647]

And, of course, **require 'capybara/rspec'** and set **Capybara.javascript\_driver = :webkit** in your spec\_helper:

[gist:1331653]

That should be all it takes to get capybara-webkit and rspec up and running. It seems simple, I know. But I found that the necessary info wasn't consolidated in one spot to reference, so I hope this helps others out there.

## One last gotcha with Google Analytics Code

The tests will run insanely slow if you are including Google Analytics in your DOM. So I suggest you wrap that inclusion in `<% unless Rails.env.test? %>`



Joe Sak

Joe was Neoteric's lead developer. When not working, he's playing the drums, spending quality time with friends and family, and riding his bike.

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