

Workflow

What to talk about?

- Open Source? No... Evan's on it.
- Testing? No... Rein, Sarah and Alex had that covered.
- Thinking laterally? No... Jim was all over that.

I guess I could stand up
here and yell.

You're doing it
all wrong!

But I've done that plenty.

Workflow

- What we do.
- How we do it.
- 3 foot view, not 30,000 foot view.
 - Details over handwaving or methodology.

work•flow | 'wɜrk,flō |

noun

the sequence of industrial, administrative, or other processes through which a piece of work passes from initiation to completion.

(source: Oxford American Dictionary)

Everyone Codes Differently

Everyone

Seattle.rb

- I have the honor and privilege of working with 2 of the most creative and prolific developers in the ruby community.
- ~150 gems and ~1000 releases from just 3 of our many members:
 - Ryan Davis - 49 gems, 423 releases
 - Eric Hodel - 63 gems, 327 releases
 - Aaron Patterson - 33 gems, 230 releases
- More importantly, I get to watch them work.
 - How cool is that?

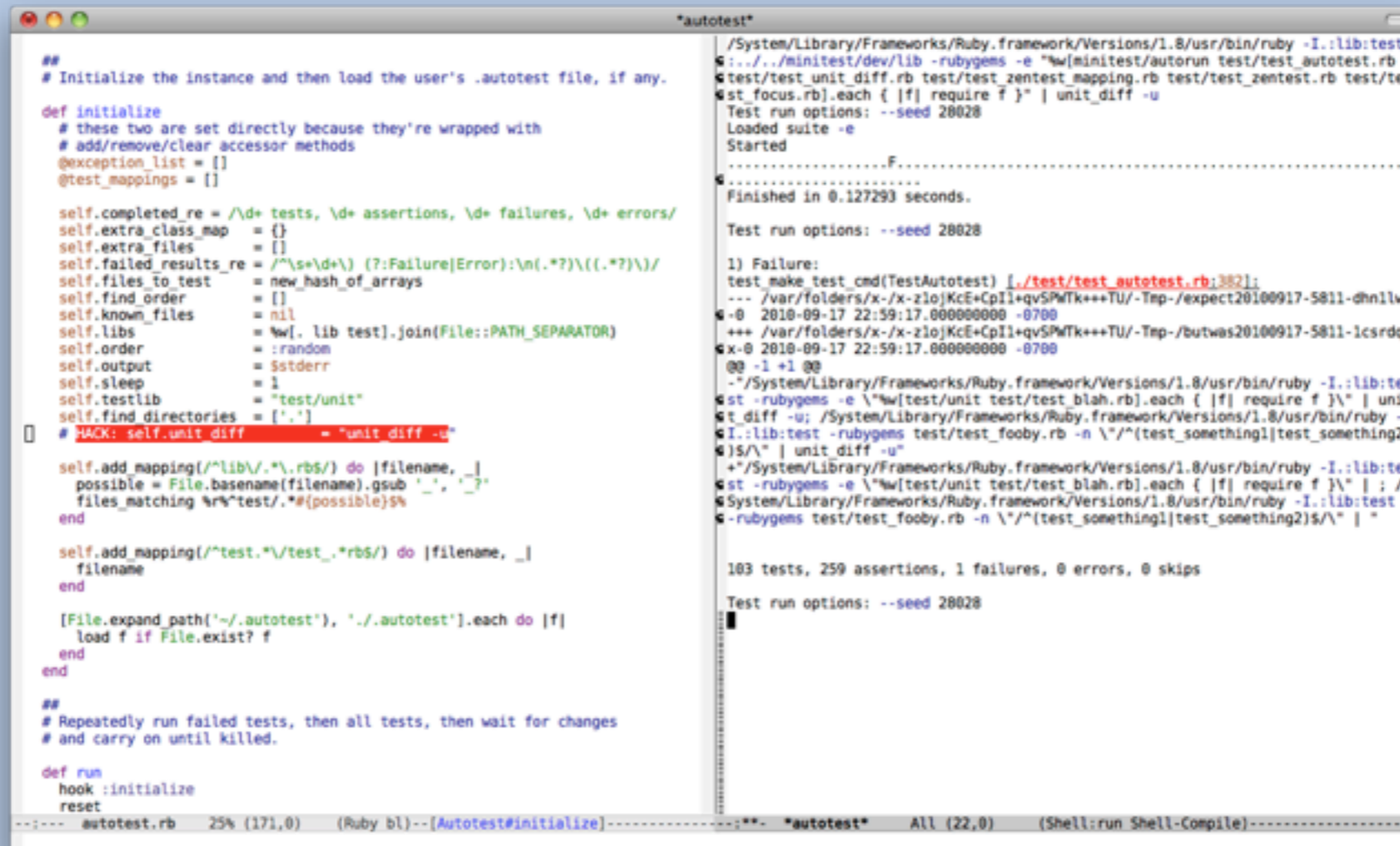
Ryan Davis

100% Emacs

No Terminal,
just emacs!

Almost full screen, split once:

No code
folding.
Makes for
more
refactorings



autotest.el
and
toggle.el

Shell/Code/Test

Autotest

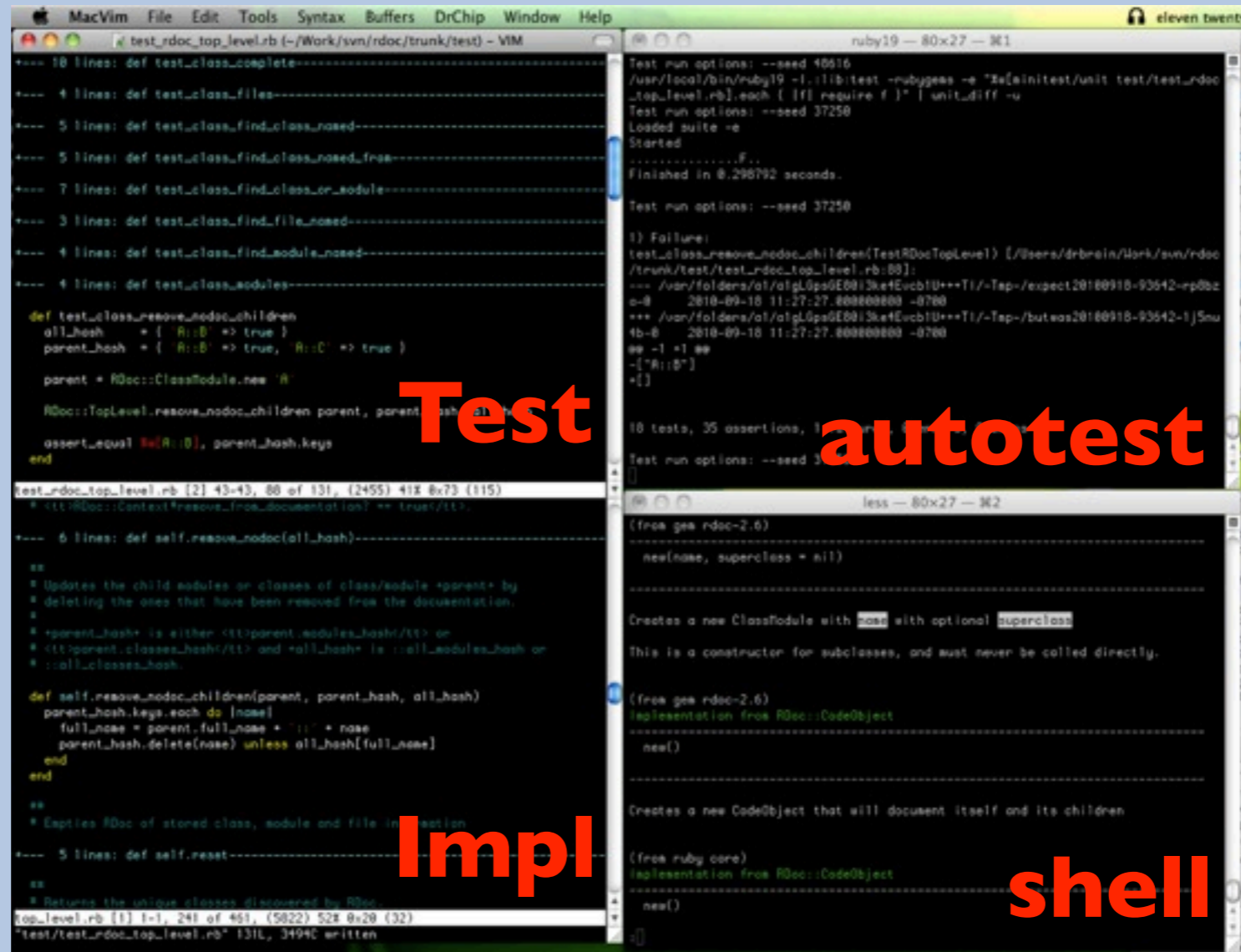
Smallest (apple) laptop

I swear a lot!

Eric Hodel

Vim + Terminal

Not full screen, split twice:



Folds 100% by default.

Easier to navigate a file.

Larger laptops, 17" to 15"

Swears little

Aaron Patterson



Only with more pink and kittens.

GoGaRuCo 2010

What do we do in common?

TDD via test/unit or minitest

We know our editors, **well.**

movement via incremental search and ctags

OSX/BSD

YAGNI,D

DTSTTCPW,D

eschew

autotest,

autotest,

overmocking

Dunnn!autotest!

distribution via gems

Dun Dun Dunnn!
we don't pair
but **we do code review often**

project automation with rake and hoe

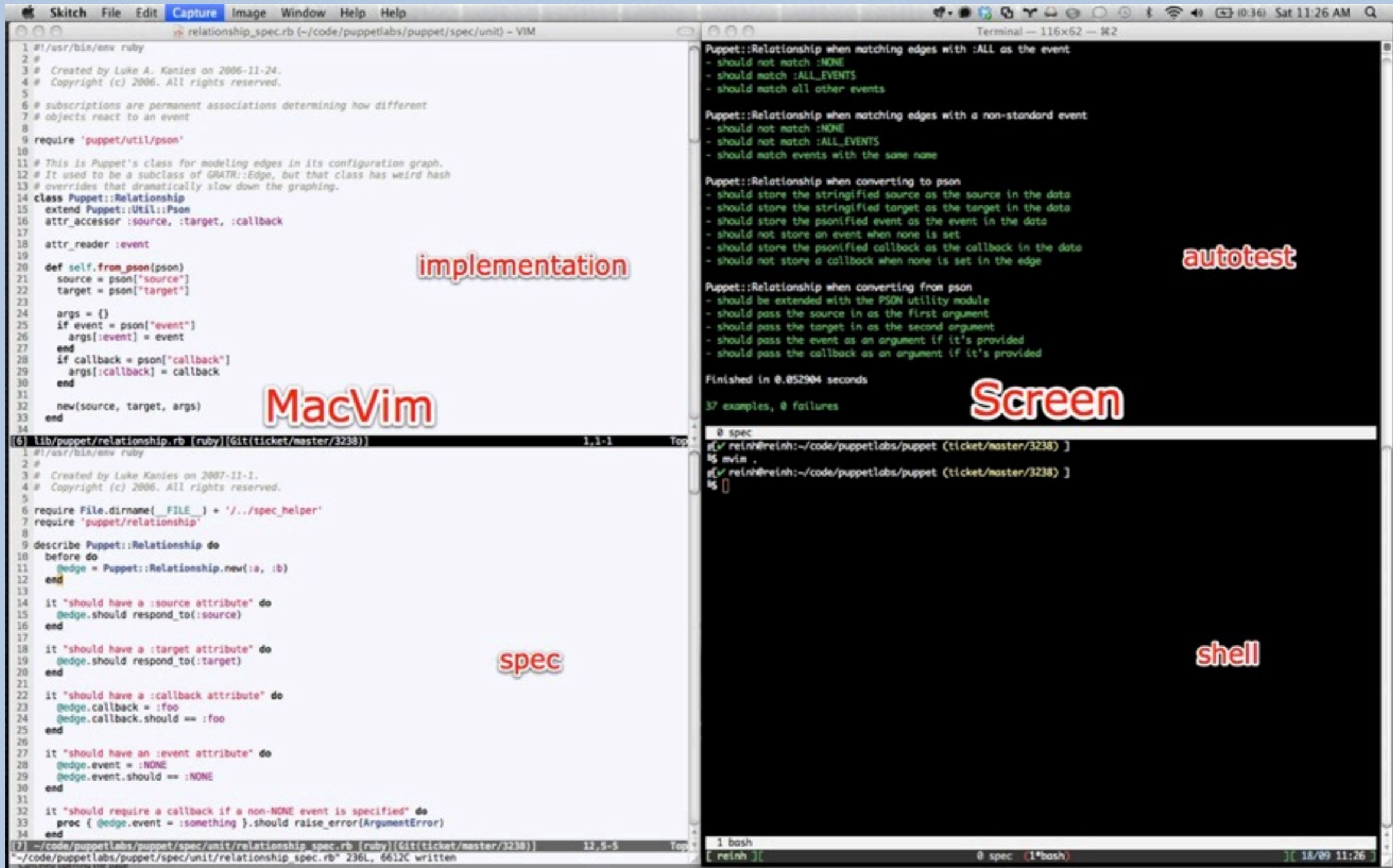
Panel

- In order to compare and contrast further:
 - Evan Phoenix
 - Jim Weirich
 - Rein Hendrichs
 - Your name here?
 - Hopefully someone beginner to intermediate.

Answering:

- Describe your programming environment.
- Describe your average code cycle.
- What are some of the things you do that make you more productive?
- What could you improve to get the most productivity gain?

Rein



The image shows a workflow for testing a Puppet module using Rein. It consists of three main components:

- Implementation:** A Ruby class `Puppet::Relationship` in `relationship_spec.rb`. It defines methods for creating relationships from pson and handling events. The code is shown in the top-left window of the MacVim editor.
- Spec:** RSpec tests for the `Puppet::Relationship` class, including tests for attributes, callbacks, and events. The spec is shown in the bottom-left window of the MacVim editor.
- Autotest:** A terminal window showing the execution of `rspec` to run the tests. The output shows that all tests passed successfully. The terminal window is labeled "autotest" and "Screen".

The MacVim editor is labeled "MacVim". The terminal window is labeled "Screen". The overall workflow is labeled "spec" and "shell".

Jim

```

# Run the Rake application. The run method
# performs the following three steps:
#
# * Initialize the command line options (+init+).
# * Define the tasks (+load_rakefile+).
# * Run the top level tasks (+run_tasks+).
#
# If you wish to build a custom rake command, you
# should call +init+ on your application. The
# define any tasks. Finally, call +top_level+ to
# run your top level tasks.
def run
  standard_exception_handling do
    init
    load_rakefile
    top_level
  end
end

# Initialize the command line parameters and app
# name.
def init(app_name='rake')
  standard_exception_handling do
    @name = app_name
    handle_options
    collect_tasks
  end
end

# Find the rakefile and then load it and any
# pending imports.
def load_rakefile
  standard_exception_handling do
    # ...
  end
end

```

```

= Test File ...
== In: ~/working/git/rake/
== File: application_test.rb

Compilation started at Sat Sep 18 11:20:39

. /Users/jim/.project_env.rc; ruby -Ilib:test:. /Users/
jim/working/git/rake/test/lib/application_test.rb | ~ji
m/.elisp/bin/noansi

info: Using ruby 1.9.2 p0
Loaded suite /Users/jim/working/git/rake/test/lib/appli
cation_test
Started
.....
.....
Finished in 0.258170 seconds.

68 tests, 196 assertions, 0 failures, 0 errors, 0 skips

Test run options: --seed 38455

Compilation finished at Sat Sep 18 11:20:41

```

Press <A-S-return> to exit full screen editing.

What is your Workflow?

My Workflow, as Keywords

TDD

emacs

ctags

full-screen

incremental-search

OSX/BSD

hoe

minitest

rubygems

toggle.el

autotest

rake

autotest.el

unified-environment

What are yours?

- Send to: ryand-ruby@zenspider.com
- Plain text email.
- Subject: gogaruco keywords.
- Please separate all keywords by line.
- Email addresses will NOT be used for any reason. (Except maybe to ask you a question).

Thank You.