I SHOULD
DO OSS

First contact

Entwicklungsprozesse in Open-Source-Projekten

Sommersemester 2011
Martin v. Löwis

Gegenstand des Seminars ist die Entwicklung von freier Software ("Open Source Software"). Dabei geht es sowohl um den Quelltext populärer Softwarepakete selbst, als auch um den Entwicklungsprozess dieser Pakete (organisatorische Strukturen, Groupware-Systeme, Änderungs- und Fehlerverwaltung).

Termin: Mi, 11:00-12:30, A-2.1

Veranstaltungsüberblick

Veranstaltungstermine

Datum	Vortragende	Thema
13.04.11	Martin v. Löwis	Einführung
20.04.11	Martin v. Löwis	Themenvergabe, Open Source Definition
27.04.11	Martin v. Löwis	Projektdiskussion
4.05.11	Martin v. Löwis	GNU Public License
11.05.11	Martin v. Löwis	Wie Python entwickelt wird
18.05.11	Martin v. Löwis	Eric Raymond: The Cathedral and the Bazaar
25.05.11	Martin v. Löwis	*Keine Veranstaltung*

gedit

Bug 632019 -

Summary: Middle-click on tab should close tab

LET'S
DO THIS!
KUNG FU PANDA © 2019 DREAMWORKS ANIMATION LLC. ALL RIGHTS RESERVED.

Nicolas Marchildon 2010-10-12 23:56:58 UTC Description

Firefox and Chrome support that: middle-click closes that tab.

gedit

chuchiperriman 2010-11-18 15:24:09 UTC Comment 1

I like...

Tobias Pfeiffer 2011-07-12 14:38:57 UTC Comment 2

Created attachment 191815 [details] [review]
Proposed Patch to close tabs on middle mouse button click

On my systems this patch works and adds the desired functionality. However the implementation is kind of ugly since the position of a gtk widget had to be determined and the only solution I found was ccopying a private method of GtkWidget. This is no good. I hope for feedback regarding this issue, plus other feedback since this is my first time programming GTK. Also please have a look at the commit message.

Tobias Pfeiffer 2011-07-12 22:27:05 UTC Comment 3

Sorry I am a bit tired, the method wasn't copied from GTKWidget but from GTKNotebook... I am sorry for the confusion!

Sebastien Bacher 2011-08-03 10:50:11 UTC Comment 4

duplicate of ~~bug #445402~~?

Ignacio Casal Quinteiro (nacho) 2011-08-03 12:46:26 UTC Comment 5

Thanks for the bug report. This particular bug has already been reported into our bug tracking system, but please feel free to report any further bugs you find.

*** This bug has been marked as a duplicate of ~~bug 445402~~ ***

gedit

Ignacio Casal Quinteiro (nacho) 2011-08-03 12:46:26 UTC Comment 5

Thanks for the bug report. This particular bug has already been reported into our bug tracking system, but please feel free to report any further bugs you find.

*** This bug has been marked as a duplicate of ~~bug 445402~~ ***

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THE END

needless work

THE END

needless work

missing triaging

THE END

THE END

needless work

missing triaging

no appreciation

THE END

needless work

missing triaging

no appreciation

frustration

Stories in Open Source

Tobias Pfeiffer
@PragTob
pragtob.info

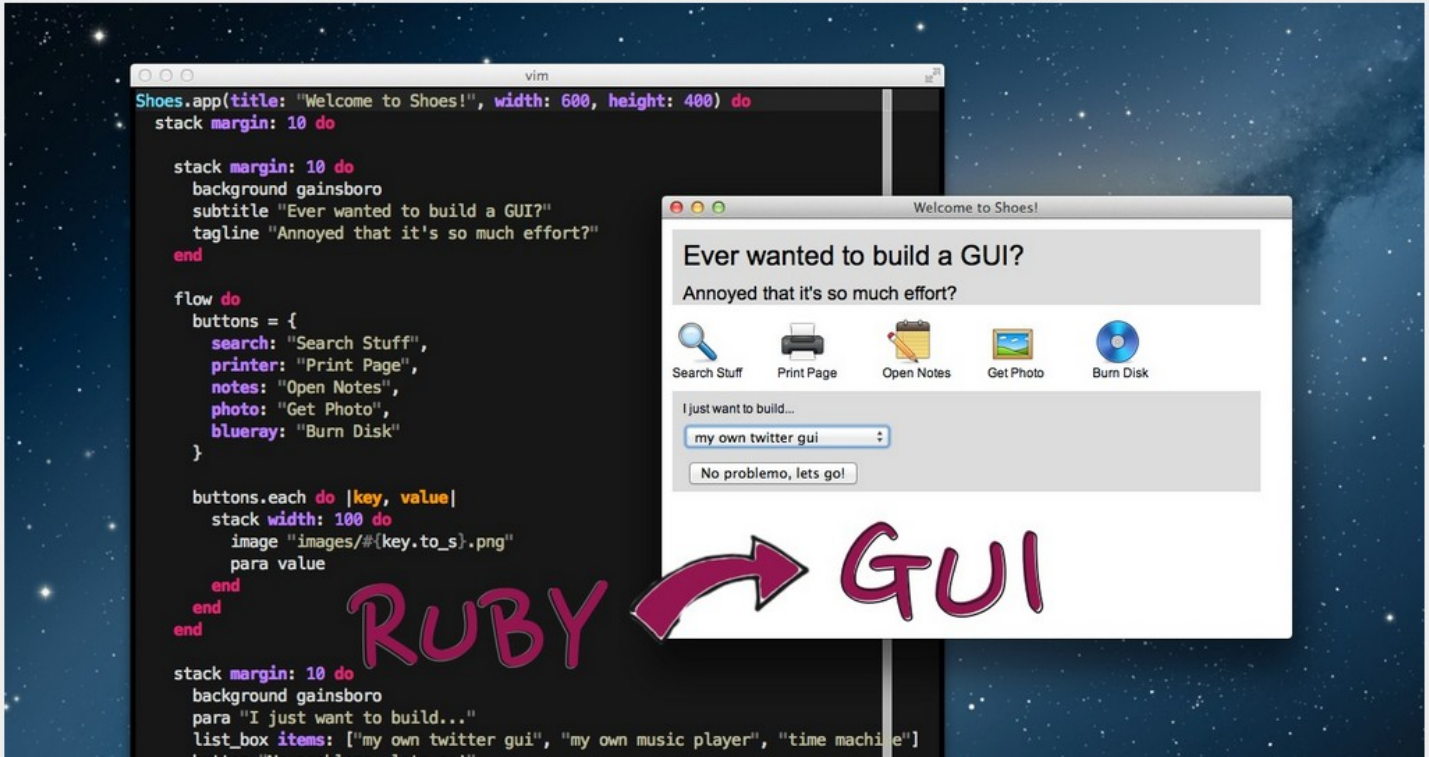
Welcome to Mendicant University

We are a group of software developers who use our technical skills to make a real positive impact on the world. Rather than learning in a traditional classroom setting, we sharpen our skills by working on real projects while helping each other out.

Shoes!

Ever wanted to build a GUI? Annoyed that it's so much effort? Shoes makes building little graphical programs for Mac, Windows, and Linux *super* simple.

Learn more »



```
Shoes.app width: 300, height: 200 do
  background lime..blue

  stack do
    para "Welcome to the world of Shoes!"
    button "Click me" do
      alert "Nice click!"
    end
  end

  image "http://shoesrb.com/img/shoes-icon.png",
        margin_top: 20, margin_left: 10
  end
end
```

I
SHOES

Why

Welcoming, friendly & helpful

OSS friends

Give people access

Release early, release often

You are not your OSS

after_do

```ruby
class Dog
  def bark
    puts 'Woooof'
  end
end

Dog.extend AfterDo
Dog.after :bark do puts 'I just heard a dog bark!' end

dog = Dog.new
dog.bark

# Output is:
# Woooof
# I just heard a dog bark!
```

Shiny

micro libraries are great

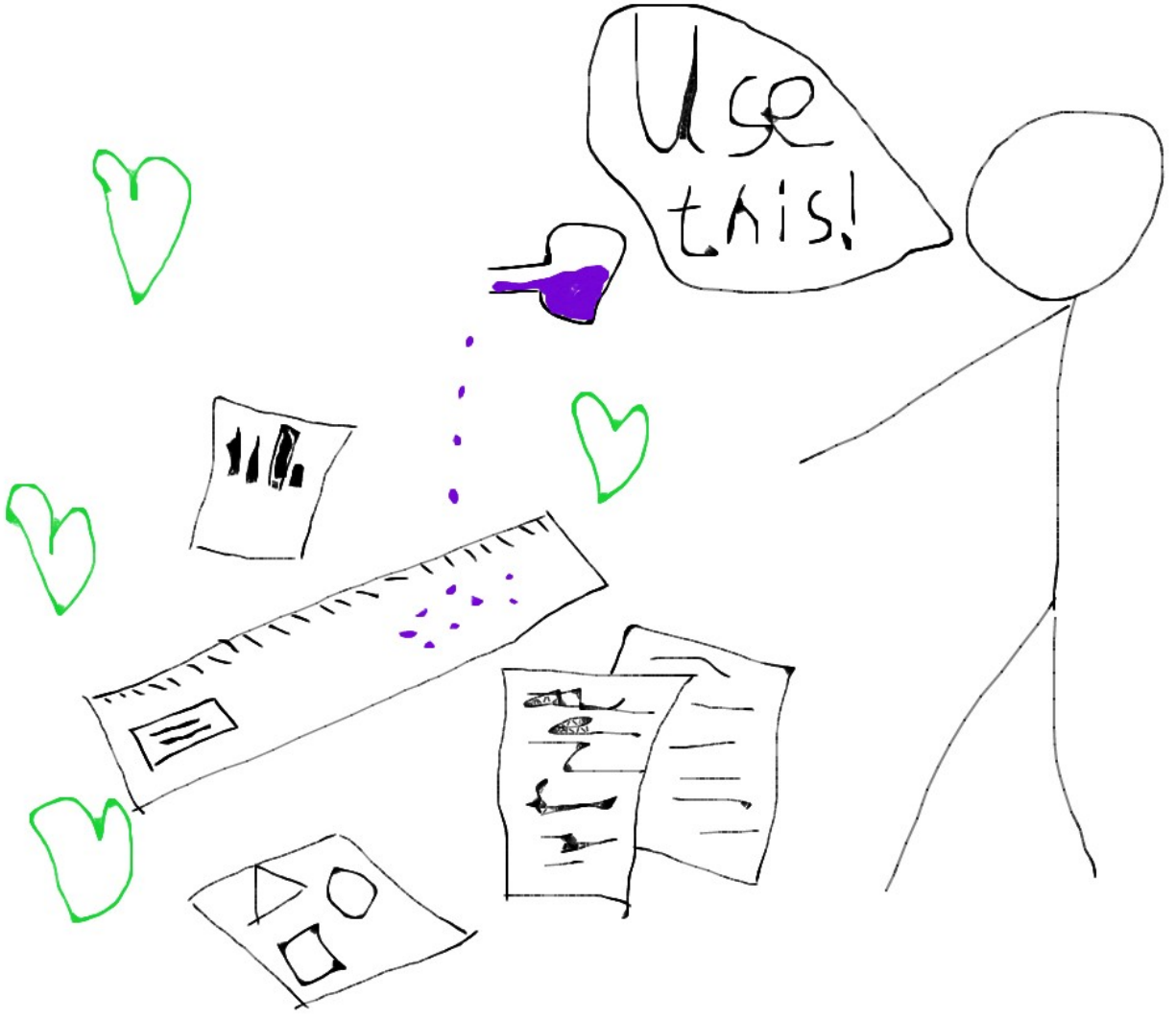
micro libraries are great

usage is wild

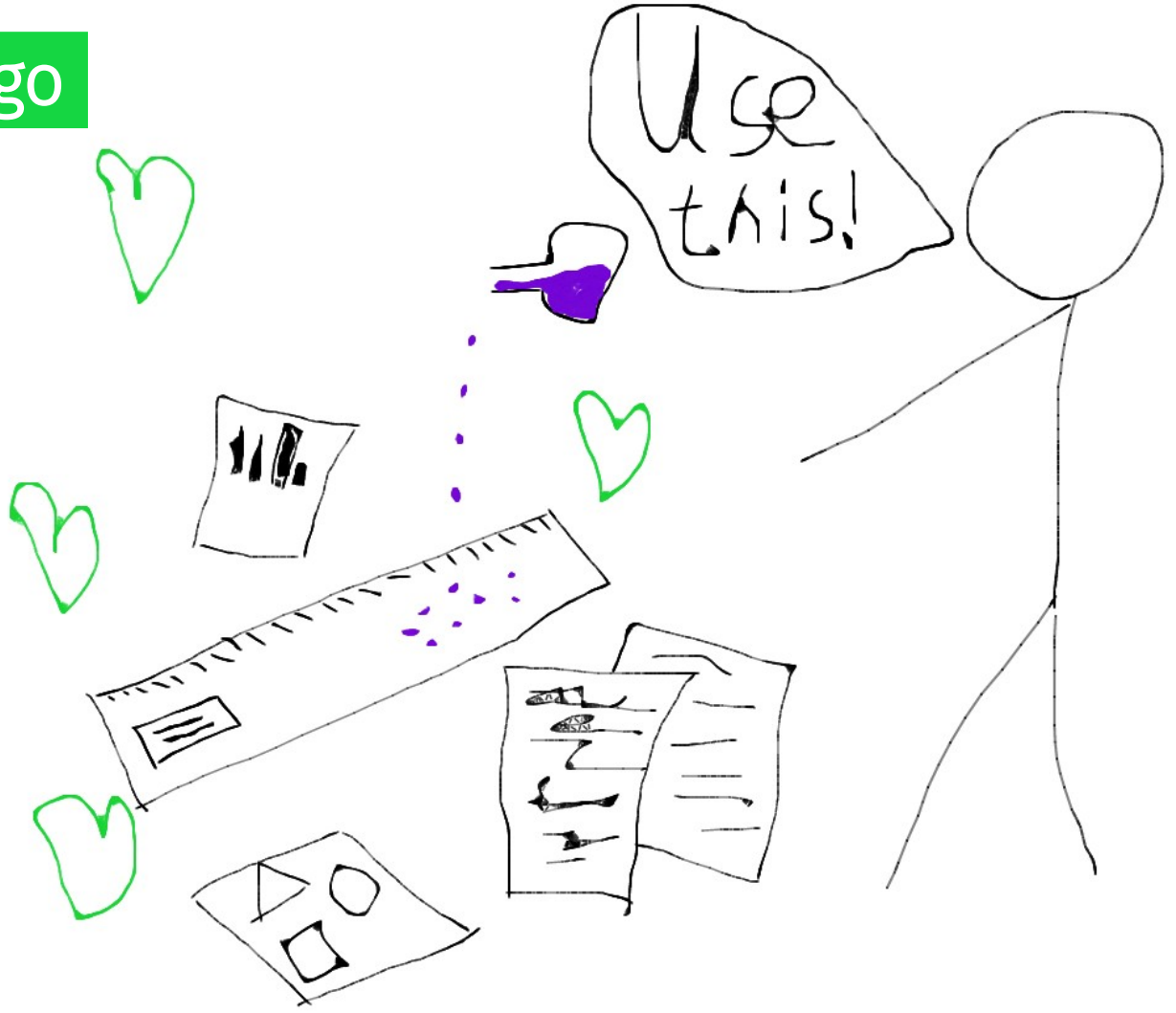
benchee

```
list = Enum.to_list(1..10_000)
map_fun = fn i -> [i, i * i] end

Benchee.run(
  %{
    "flat_map" => fn -> Enum.flat_map(list, map_fun) end,
    "map.flatten" => fn -> list |> Enum.map(map_fun) |> List.flatten() end
  },
  time: 10,
  memory_time: 2
)
```

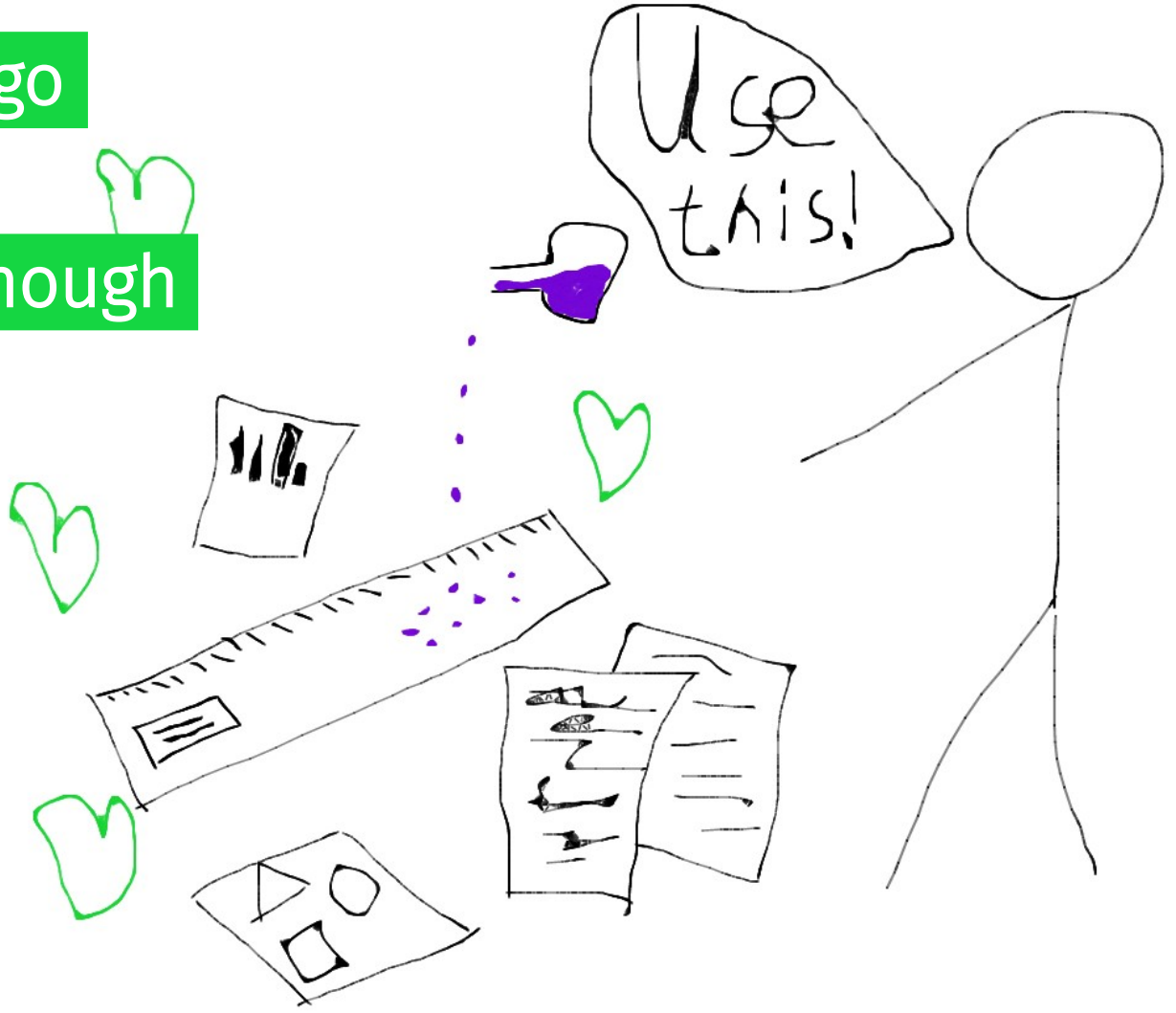

Use this!

learn as you go



learn as you go

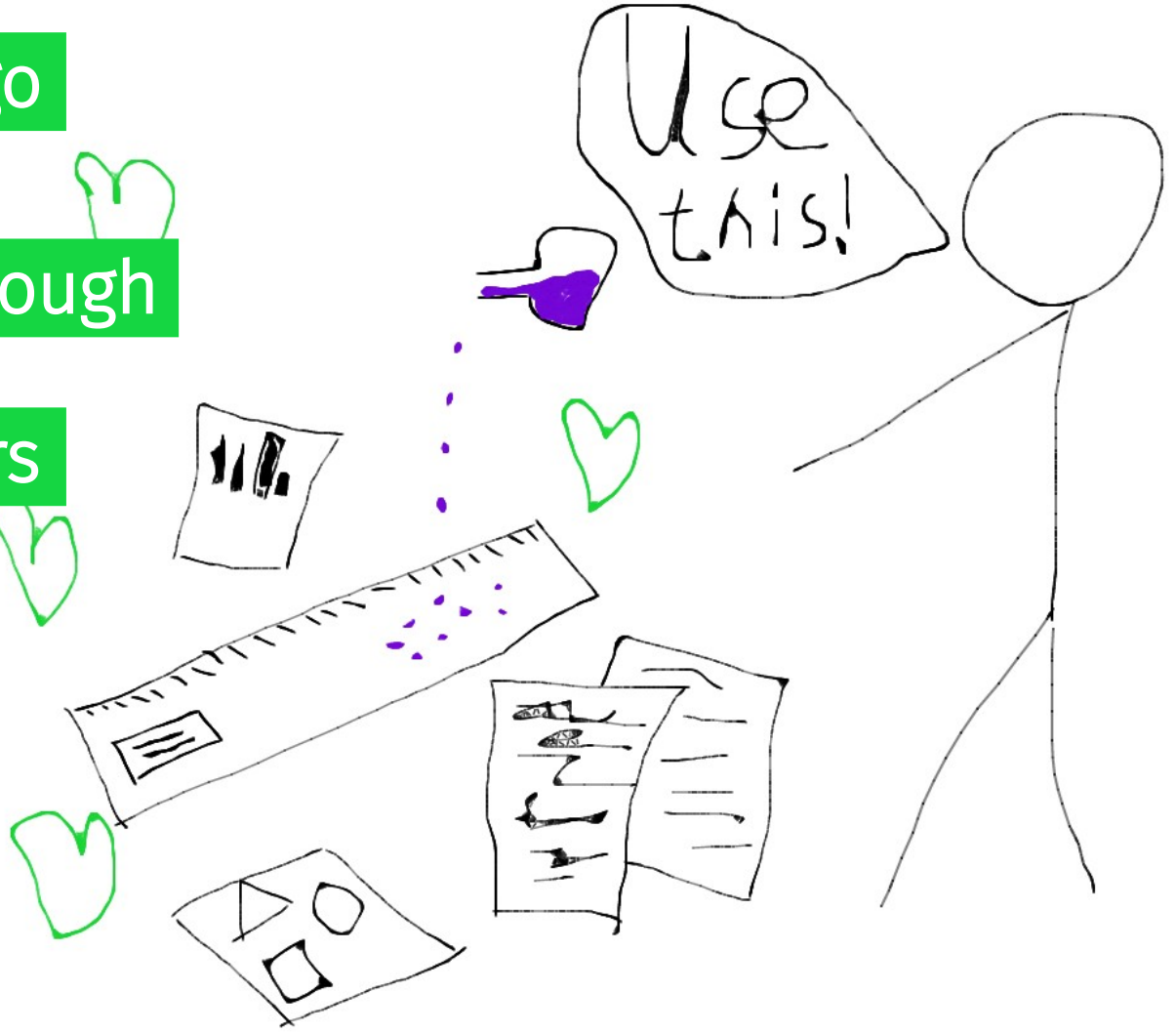
better isn’t enough



learn as you go

better isn’t enough

co-maintainers



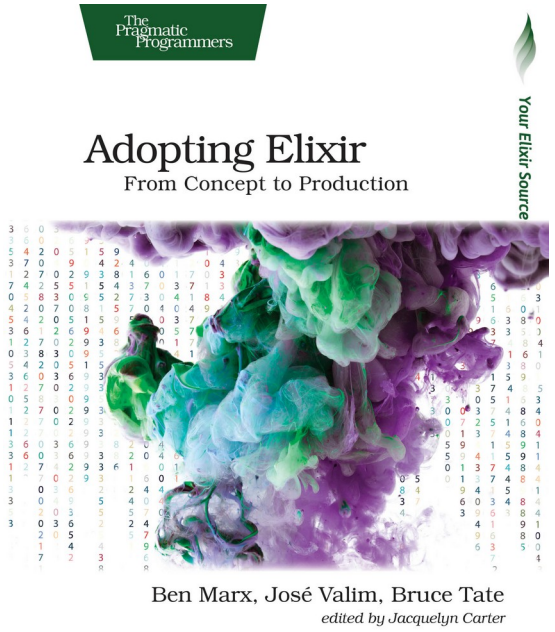
We made it!

```elixir
defmodule FileBench do
  @fixture "path/to/words.txt"

  def run do
    Benchee.run(%{
      "with read" => &with_read/0,
      "with stream" => &with_stream/0,
    }, time: 10)
  end

  def with_read do
    @fixture
    |> File.read!
    |> String.split("\n")
    |> Enum.max_by(&String.length/1)
  end

  def with_stream do
    @fixture
    |> File.stream!
    |> Enum.max_by(&String.length/1)
    |> String.trim()
  end
end
```



The file has three functions. run executes the entire benchmark, comparing the with read results with the with stream results. The other two functions provide the implementations we're benchmarking.

We're ready to run it:

```
$ mix run -r perf/file_bench.exs -e "FileBench.run"
Number of Available Cores: 4
Available memory: 17.179869184 GB
Elixir 1.5.0
Erlang 19.0
Benchmark suite executing with the following configuration:
warmup: 2.00 s
time: 10.00 s
parallel: 1
inputs: none specified
Estimated total run time: 24.00 s
```

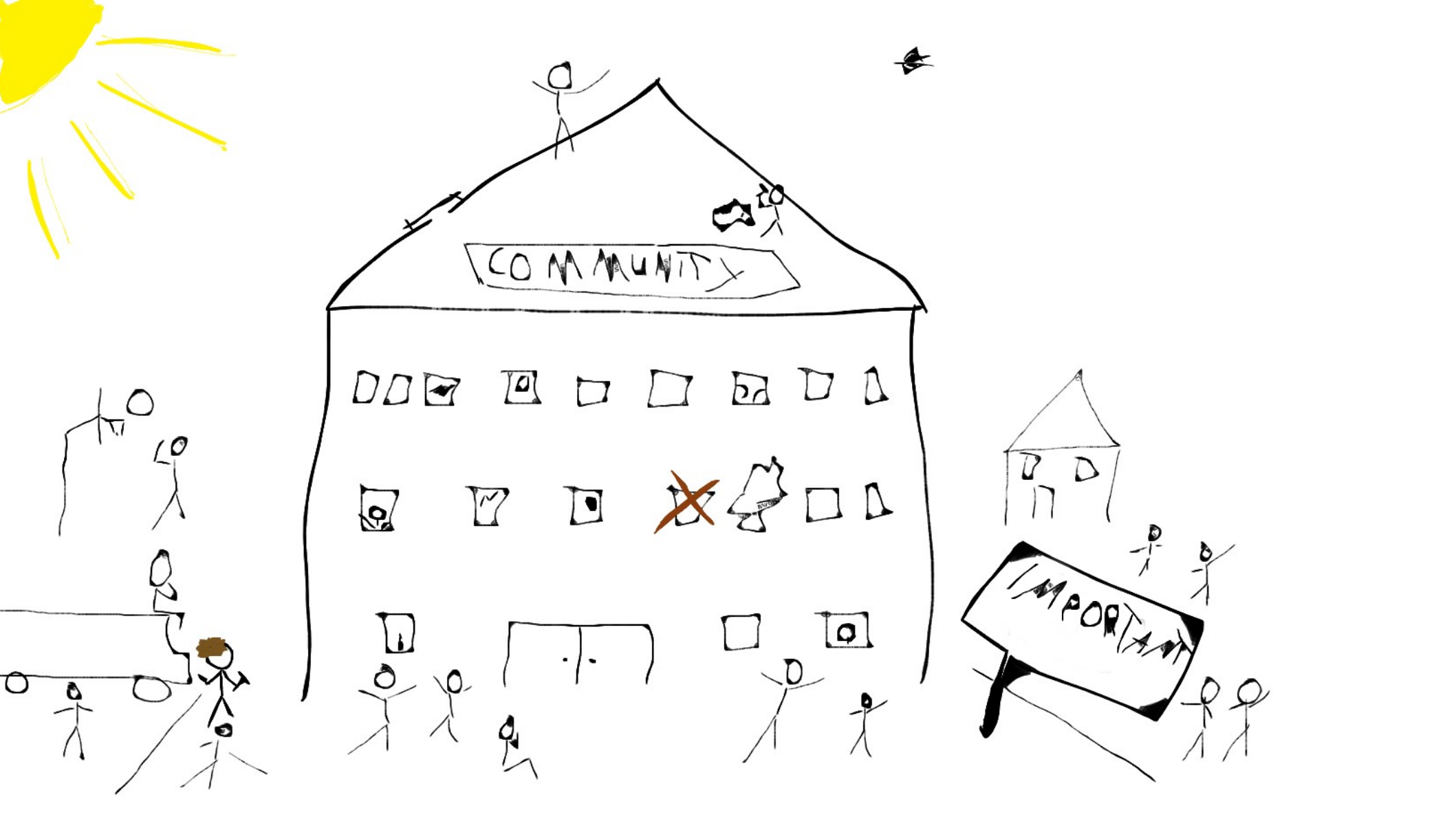
All Files (93.0% covered at 3322.59 hits/line)

SimpleCov

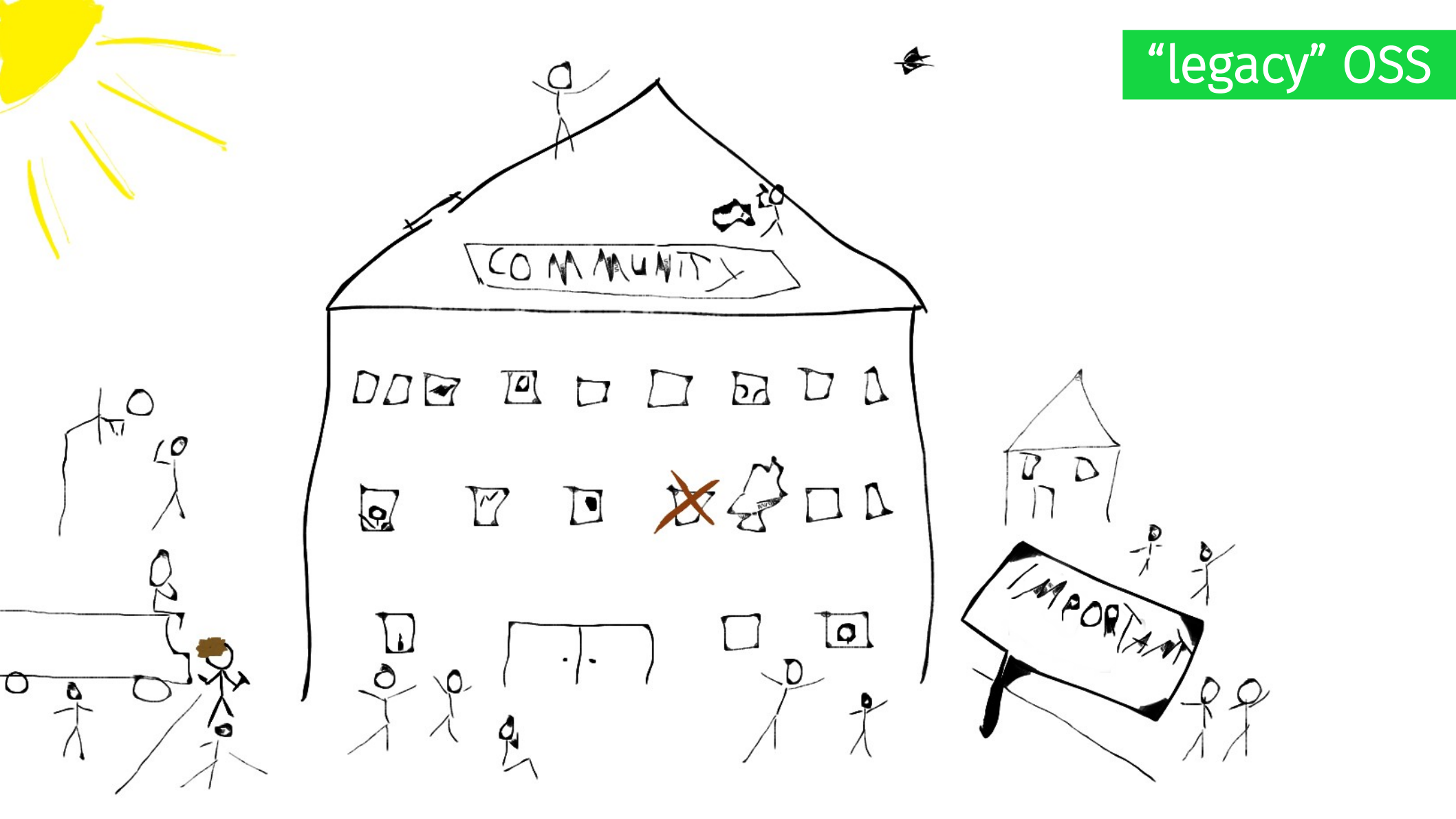
208 files in total. **6027** relevant lines. **5605** lines covered and **422** lines missed

Search:

File	% covered	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
shoes-swt/lib/shoes/swt/text_block/painter.rb	100.0 %	33	16	16	0	113.7
shoes-swt/lib/shoes/swt/text_block/fitter.rb	100.0 %	220	100	100	0	1434.2
shoes-swt/lib/shoes/swt/text_block/cursor_painter.rb	100.0 %	54	30	30	0	3.0
shoes-swt/lib/shoes/swt/text_block/centered_text_segment.rb	100.0 %	24	9	9	0	1.2
shoes-swt/lib/shoes/swt/text_block.rb	100.0 %	161	89	89	0	1974.0
shoes-swt/lib/shoes/swt/swt_button.rb	100.0 %	56	33	33	0	54.8
shoes-swt/lib/shoes/swt/star.rb	100.0 %	30	20	20	0	24.8
shoes-swt/lib/shoes/swt/shoes_layout.rb	100.0 %	62	37	37	0	5214.6
shoes-swt/lib/shoes/swt/shape_painter.rb	100.0 %	26	12	12	0	6.0
shoes-swt/lib/shoes/swt/rect_painter.rb	100.0 %	43	25	25	0	16.8
shoes-swt/lib/shoes/swt/rect.rb	100.0 %	31	20	20	0	23.2
shoes-swt/lib/shoes/swt/radio.rb	100.0 %	28	12	12	0	18.8
shoes-swt/lib/shoes/swt/progress.rb	100.0 %	37	22	22	0	11.2
shoes-swt/lib/shoes/swt/oval.rb	100.0 %	33	19	19	0	26.5
shoes-swt/lib/shoes/swt/list_box.rb	100.0 %	55	33	33	0	23.3
shoes-swt/lib/shoes/swt/link_segment.rb	100.0 %	113	63	63	0	19.5
shoes-swt/lib/shoes/swt/line_painter.rb	100.0 %	18	9	9	0	4.1
shoes-swt/lib/shoes/swt/image_pattern.rb	100.0 %	37	19	19	0	2.7
shoes-swt/lib/shoes/swt/font.rb	100.0 %	42	21	21	0	308.3
shoes-swt/lib/shoes/swt/common/visibility.rb	100.0 %	19	8	8	0	734.1
shoes-swt/lib/shoes/swt/common/update_position.rb	100.0 %	21	8	8	0	86.0

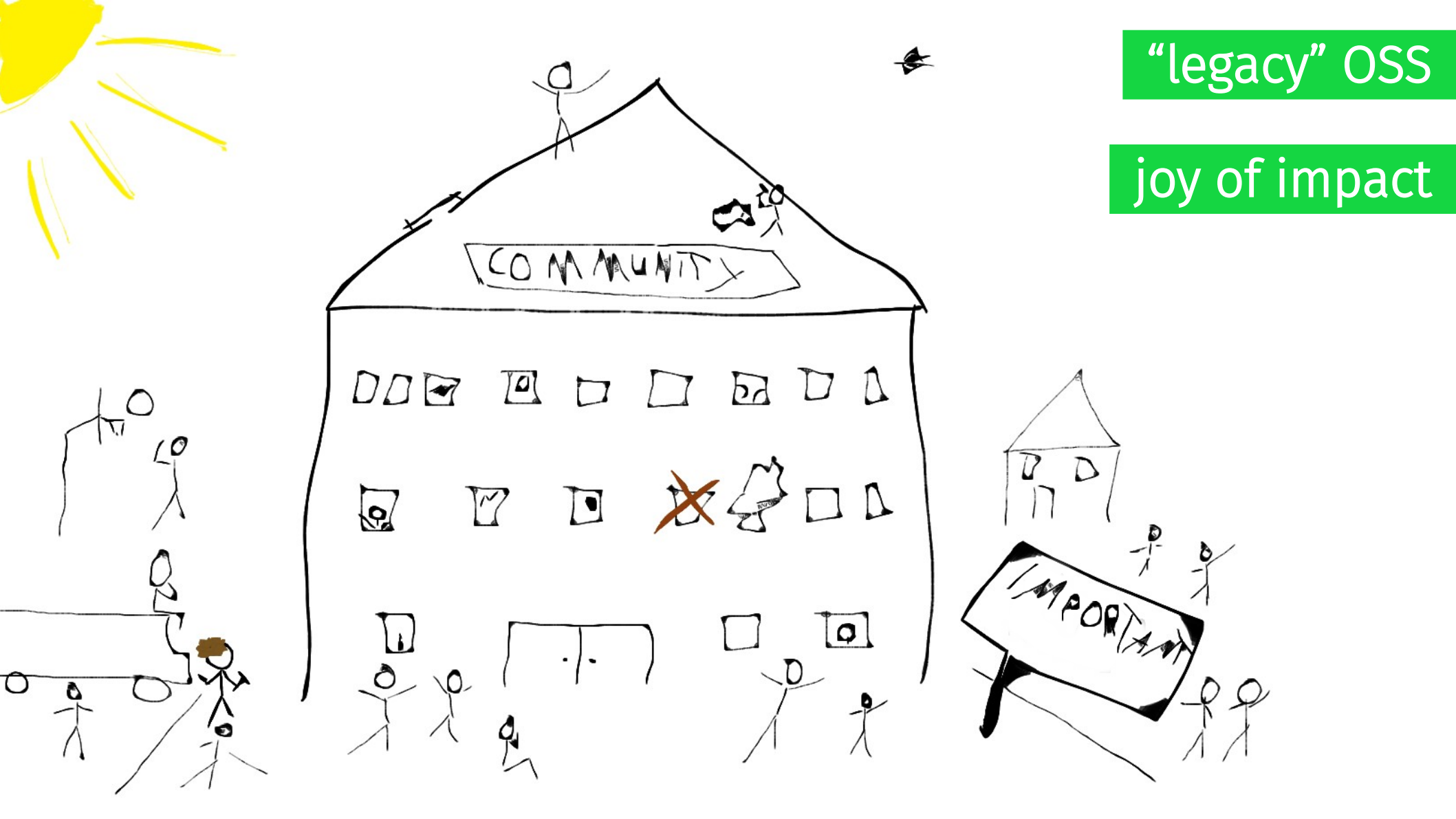

COMMUNITY
IMPORTANT

“legacy” OSS



“legacy” OSS

joy of impact



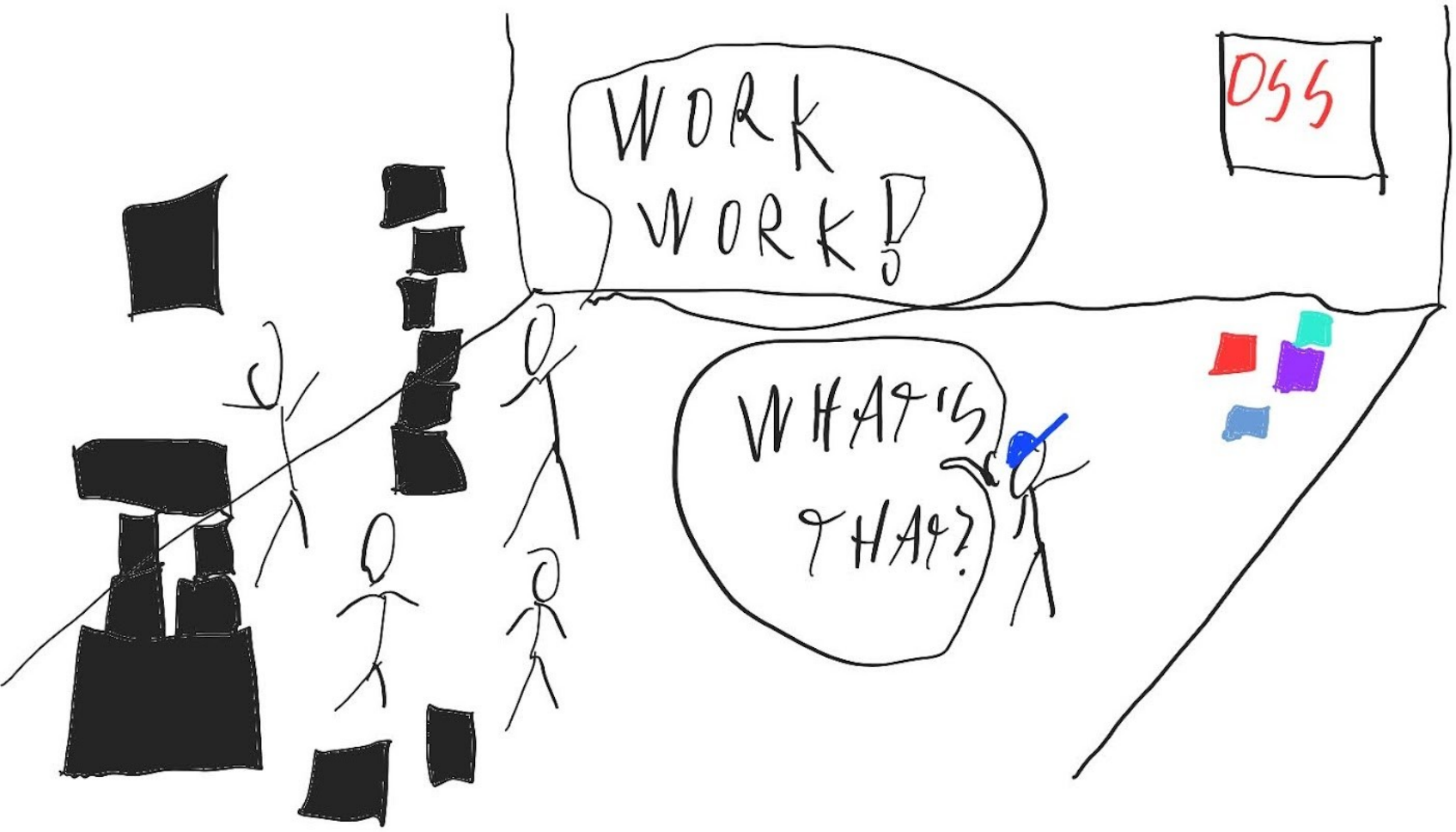
"legacy" OSS

joy of impact

integration nightmares

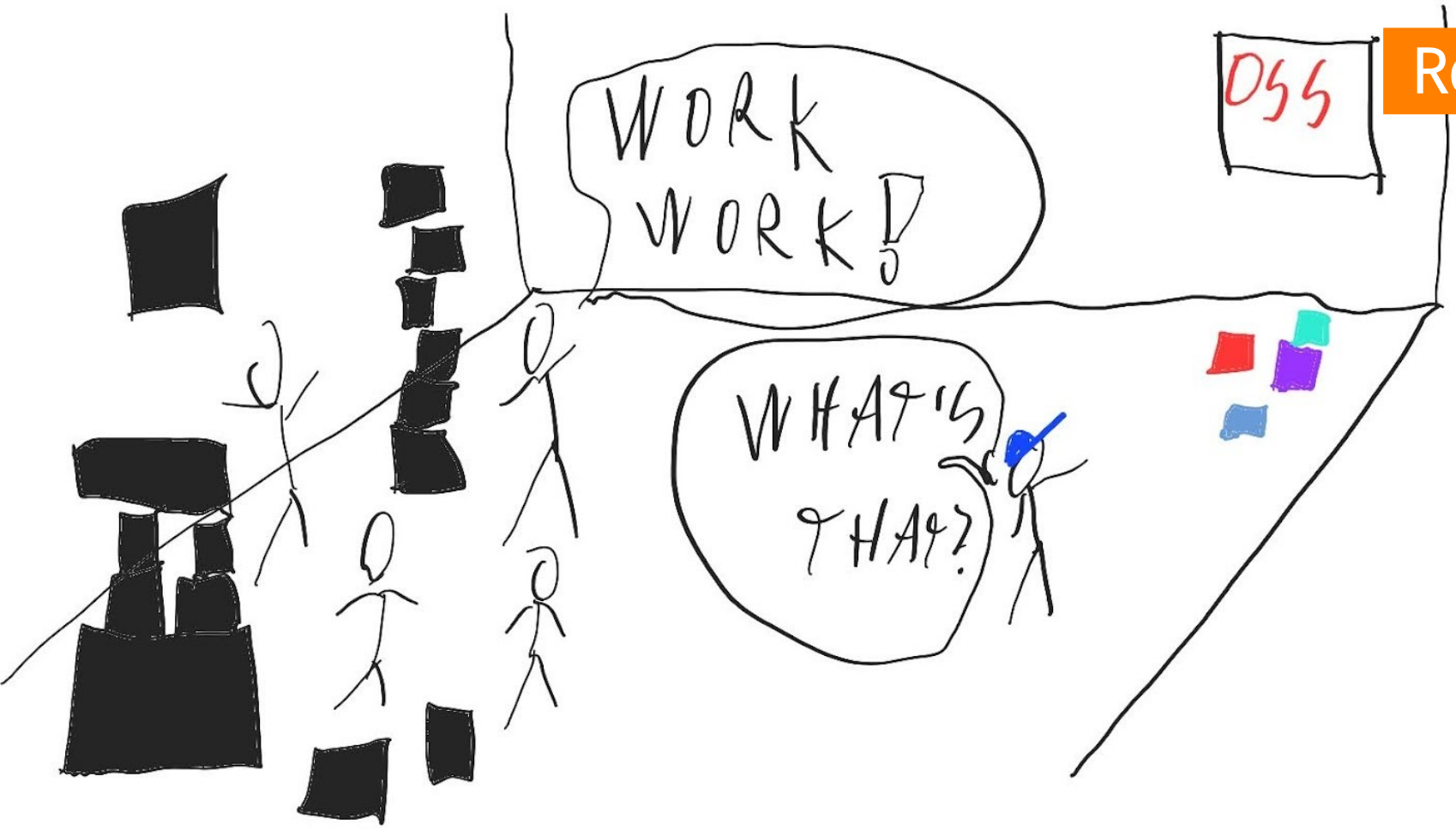
OSS @ work

OSS @ work



OSS @ work

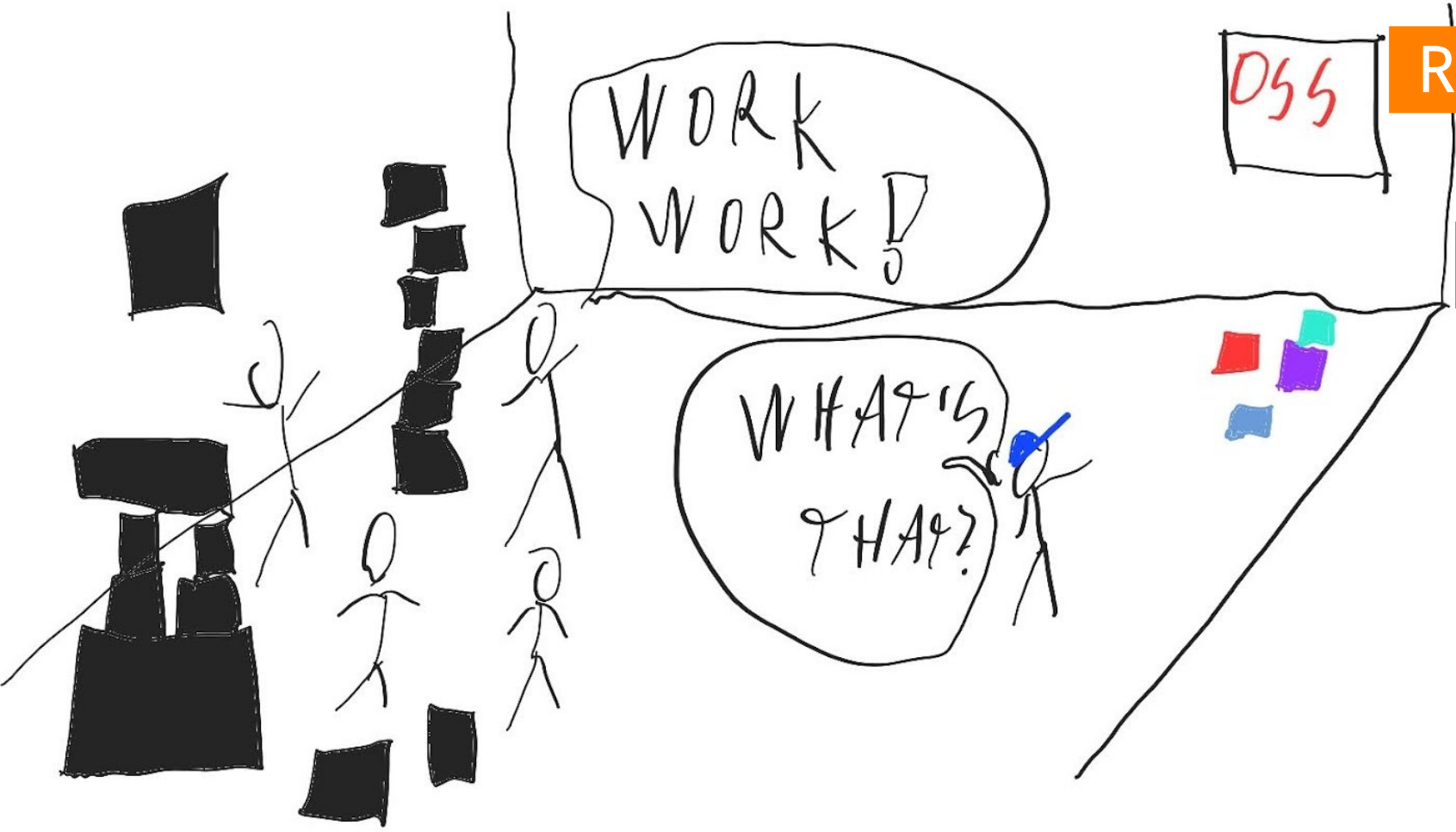
Responsible?



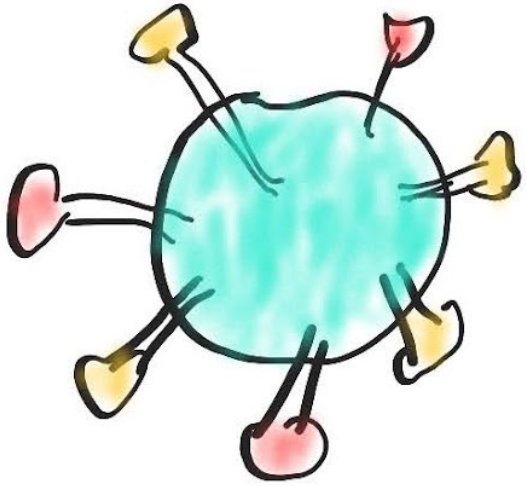
OSS @ work

Responsible?

Dedication



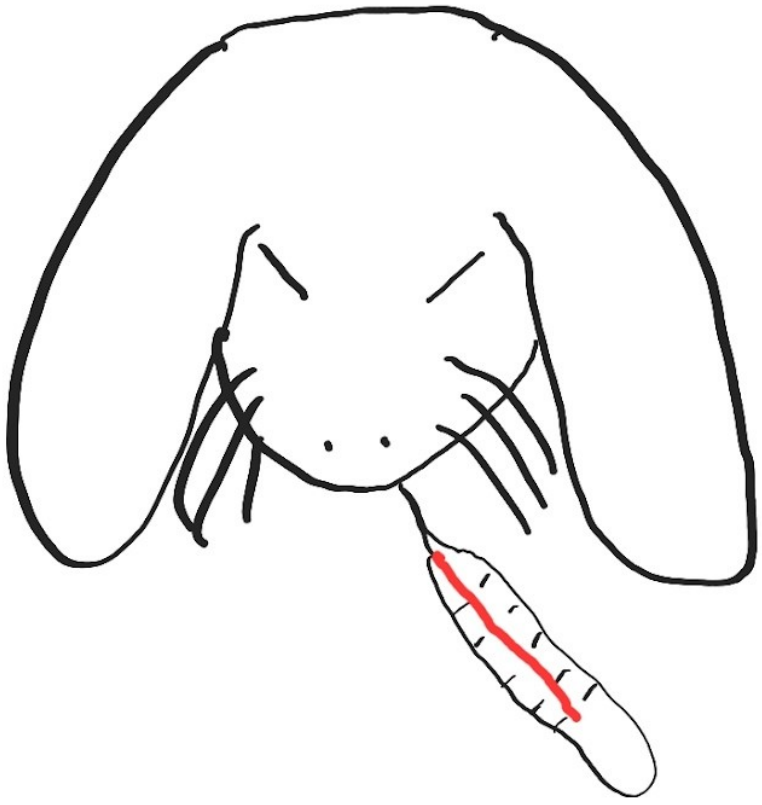
COVID hits



Russia further invades Ukraine

Layoffs and Stress at work

Degrading bunny health



HOW DO YOU
DO IT?

Back to the first talk

Back to the first talk

OSS is made of people

OSS OWES YOU

I OWE

YOU

BUT I

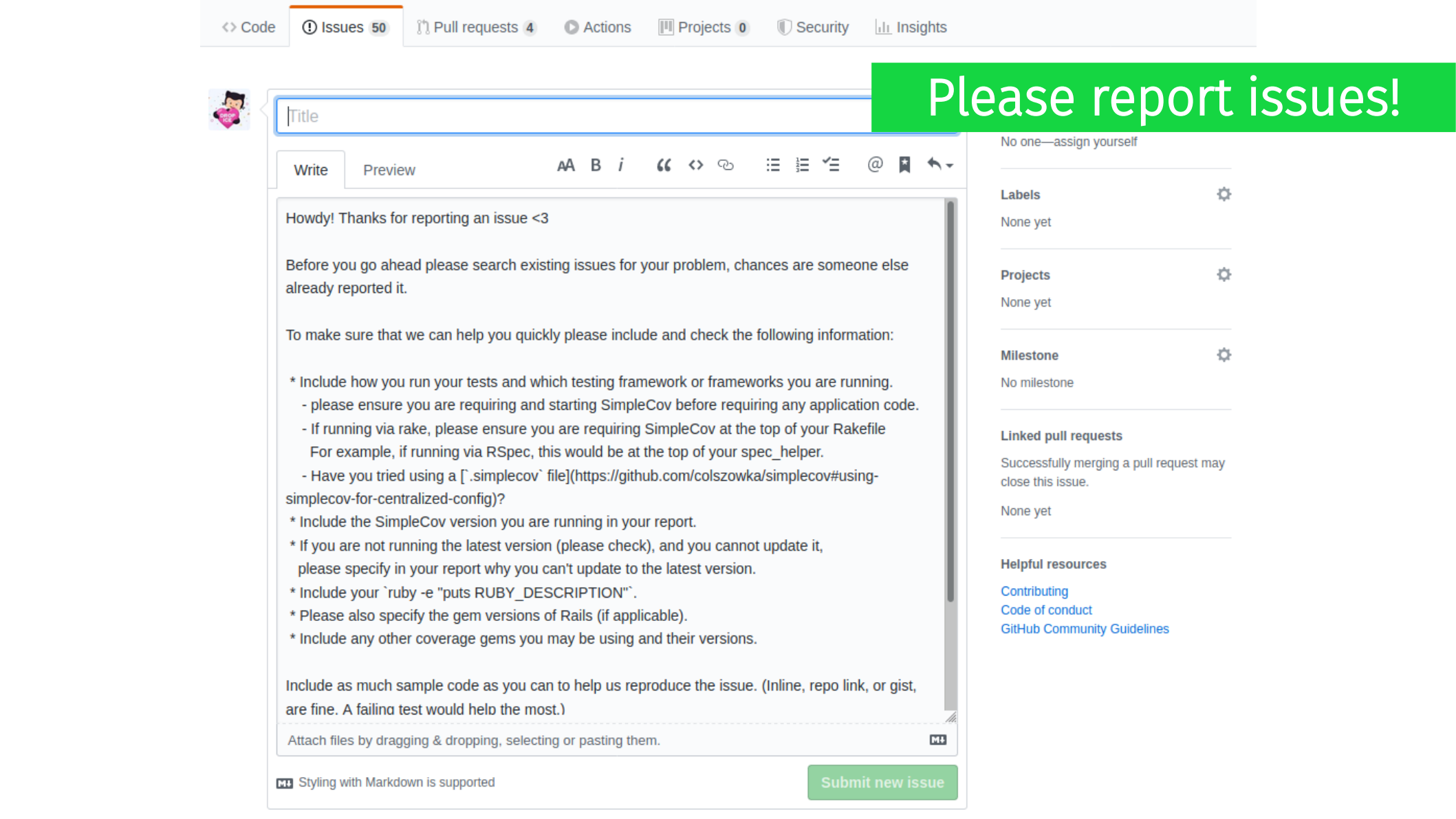
CREATING

TAKE

CARE

BE NICE

First steps into OSS


Code
Issues 50
Pull requests 4
Actions
Projects 0
Security
Insights
Please report issues!
Title
Write
Preview
Howdy! Thanks for reporting an issue <3
Before you go ahead please search existing issues for your problem, chances are someone else already reported it.
To make sure that we can help you quickly please include and check the following information:
* Include how you run your tests and which testing framework or frameworks you are running.
- please ensure you are requiring and starting SimpleCov before requiring any application code.
- If running via rake, please ensure you are requiring SimpleCov at the top of your Rakefile
For example, if running via RSpec, this would be at the top of your spec_helper.
- Have you tried using a [`.simplecov` file](https://github.com/colszowka/simplecov#using-simplecov-for-centralized-config)?
* Include the SimpleCov version you are running in your report.
* If you are not running the latest version (please check), and you cannot update it, please specify in your report why you can't update to the latest version.
* Include your `ruby -e "puts RUBY_DESCRIPTION"`.
* Please also specify the gem versions of Rails (if applicable).
* Include any other coverage gems you may be using and their versions.
Include as much sample code as you can to help us reproduce the issue. (Inline, repo link, or gist, are fine. A failing test would help the most.)
Attach files by dragging & dropping, selecting or pasting them.
Styling with Markdown is supported
Submit new issue
No one—assign yourself
Labels
None yet
Projects
None yet
Milestone
No milestone
Linked pull requests
Successfully merging a pull request may close this issue.
None yet
Helpful resources
Contributing
Code of conduct
GitHub Community Guidelines

Code | Issues 50 | Pull requests 4 | Actions | Projects 0 | Security | Insights

Be nice!

Title

Write | Preview

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Submit new issue

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

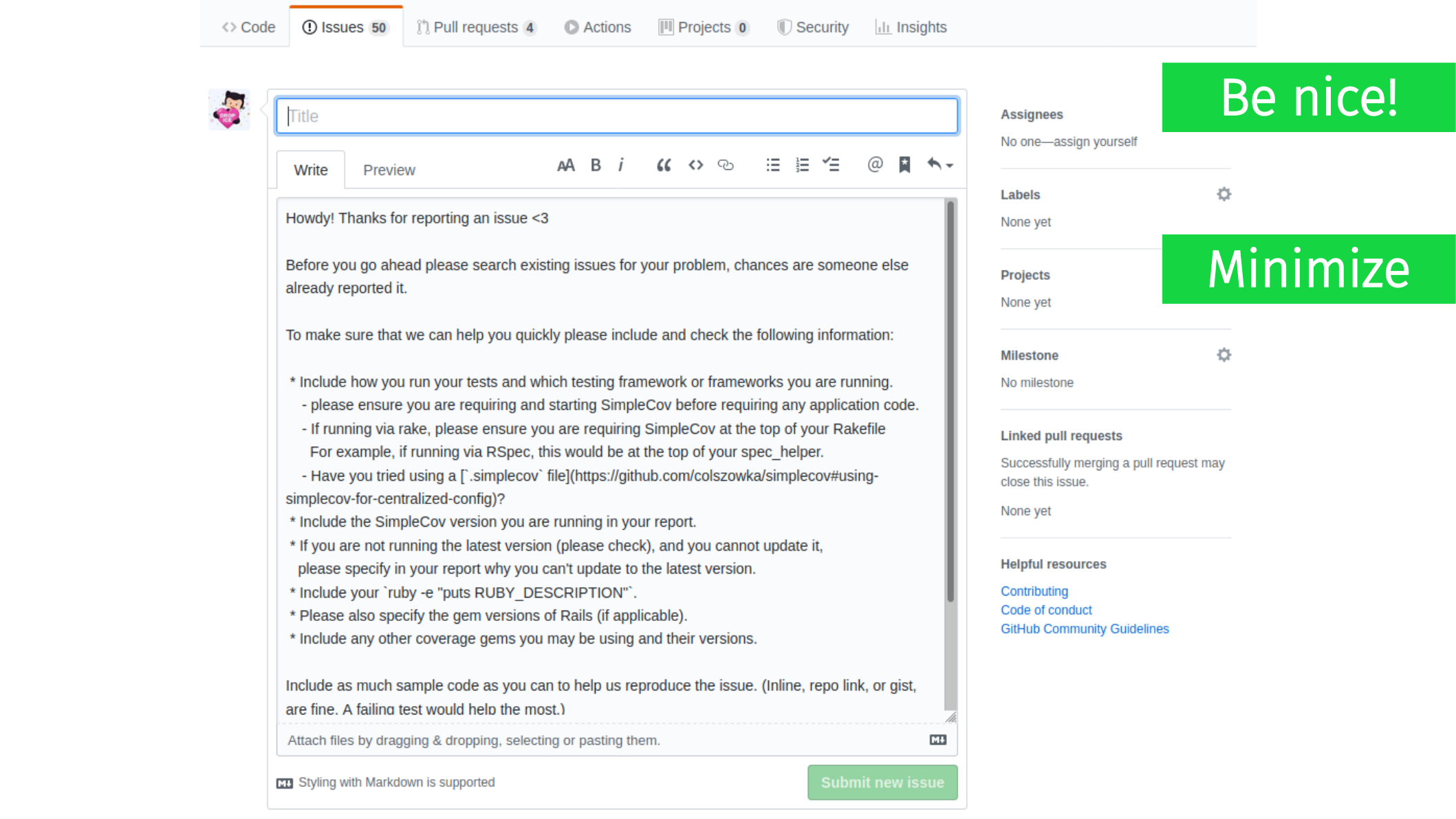
Linked pull requests

Successfully merging a pull request may close this issue.

None yet

Helpful resources

Contributing
Code of conduct
GitHub Community Guidelines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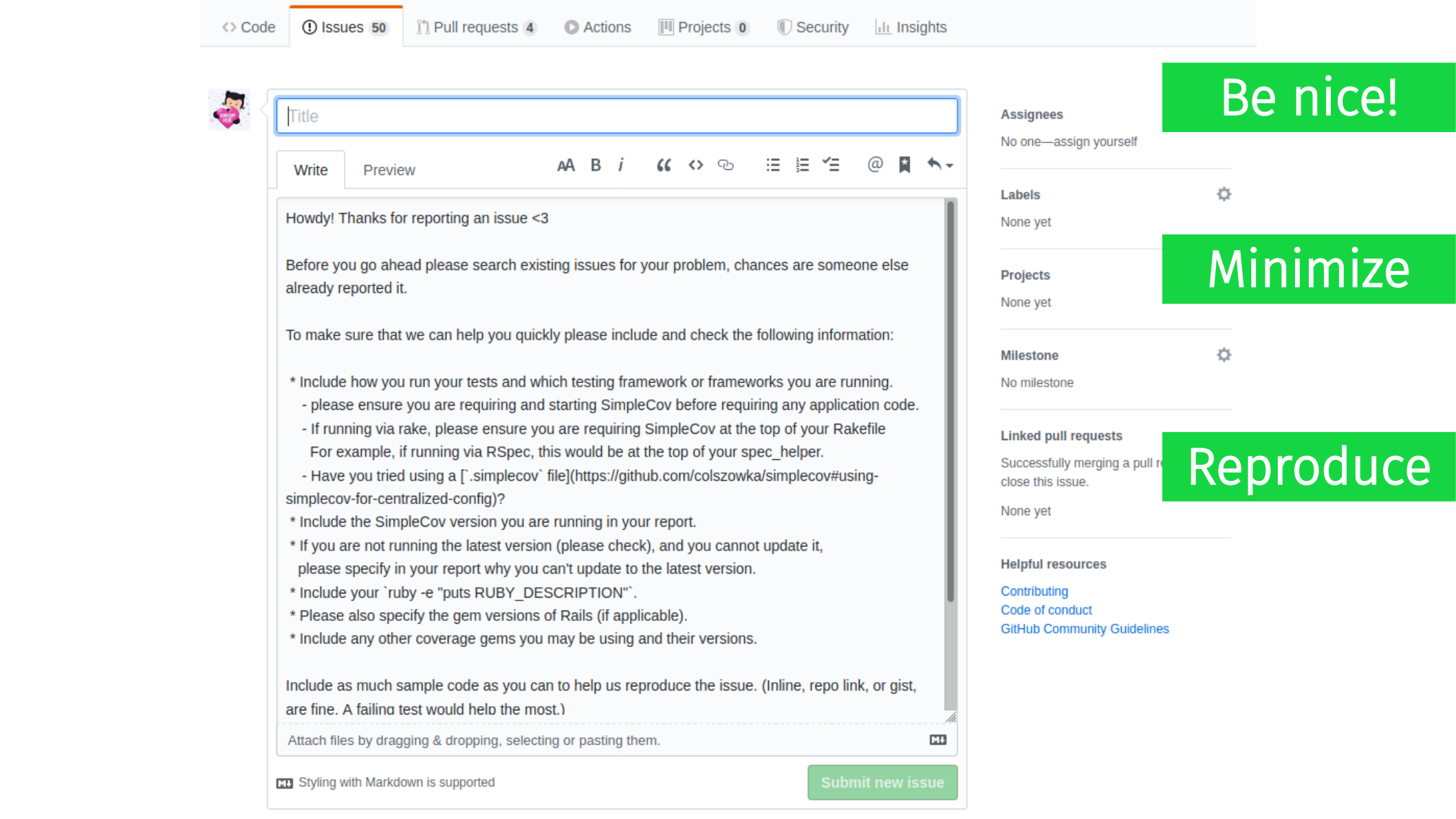
Be nice!
Minimize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Successfully merging a pull r
close this issue.
None yet
Helpful resources
Contributing
Code of conduct
GitHub Community Guidelines
Be nice!
Minimize
Reproduce

ms-ati commented 9 hours ago Owner

Hi **@PragTob**, thanks for such a thorough and well-researched bug report! And such an appreciative and friendly tone 😃! I'll be happy to take a look and see if I can help

👍 1 ❤️ 1

klyonrad commented on Jan 9 • edited

That's another thing where you/we might discuss on how to actually *show* the coverage of methods.

Currently: when a file is loaded, all the `def method_name` lines are considered as a hit, the actual code in the method is shown as red **and** the closing of the method is also not considered as a hit
(from the article)

> Coverage was disabled for line number 7 as it contains just end keyword.

It always itched me that just declaring the method names are recorded as a hit or miss (except when nothing loads the file, which is the default for a rails project).

Anyway, that's maybe a distraction from the original topic...

What exactly should be shown for the method coverage? How does it affect the total big number of coverage a file/the project (that metric that we all care about). How do dynamically defined methods work with this? Playing devil's advocate: What does it even matter - I mean, what decisions would made knowing that a file has x amount of uncovered methods?

tycooon commented on Jan 9

In my experience, method coverage mostly helps finding unused methods that can be safely deleted in case you have 100% line (and probably branch) coverage.

For example you might have `attr_reader :foo, :bar` where only `:foo` is actually used. Or simply `attr_reader :bar` that is never used. In both cases only method coverage can find such stuff.

klyonrad commented on Jan 9

Wait a second, you can detect unused `attr_reader` methods? That's amazing! Thanks for clearing that up.

Then I would say that for an unused method the `def method_name` line should also stay red - even when the `LineCoverage` API reports it as covered

3 participants

Lock conversation

Pin issue

Transfer issue

Discuss!

Add subprocess handling to simplecov #881

Edit

Open **robotdana** wants to merge 1 commit into `colszowka:master` from `robotdana:dana/fork`

(Maybe) add a PR!

Conversation 14 · Commits 1 · Checks 7 · Files changed 6

robotdana commented 5 hours ago — First-time contributor

Using Process.fork (whether using the Parallel gem or directly)
creates code that was invisible to SimpleCov. by starting SimpleCov
within the subprocess with its own command name and etc we can
see that code :)

This also adds documentation for what to do when using Process.spawn or
similar.

fixes: #414 and probably others

This seems the more correct place to fix this than my previous attempt here: grosser/parallel#275

Testing was a bit of a mess, perhaps you have some ideas,
Also what are your thoughts on this being enabled by default or not?

Thanks :)

`Add subprocess handling to simplecov` ··· Verified ✕ 628978c

robotdana commented 5 hours ago — Author

(I'm not clear why test 2.4.9 didn't work, it doesn't seem related?)

PragTob reviewed 3 hours ago — View changes

PragTob left a comment — Collaborator

Reviewers
PragTob

Assignees
No one—assign yourself

Labels
None yet

Projects
None yet

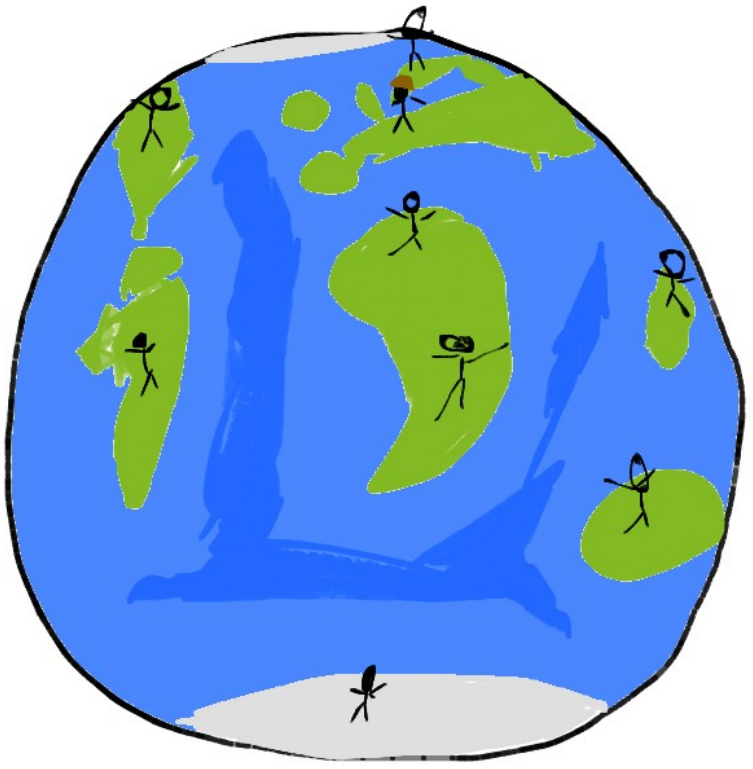
Milestone
No milestone

Linked issues
Successfully merging this pull request may close these issues.
Picking up coverage during fork

Notifications Customize
Unsubscribe
You're receiving notifications because you're watching this repository.

2 participants

OSS vs Work



Be nice!

OSS

Be nice!

OSS

Your OSS, your time

Be nice!

OSS

Your OSS, your time

Adoption takes time

seemingly even less diverse

OSS

seemingly even less diverse

OSS

is this sustainable?

seemingly even less diverse

OSS

is this sustainable?

what about people using OSS for “evil”?

friends

friends

friends

friends
first talks

friends
first talks
rug_b
@rug_b
"try walking in my shoes" :) Learn about ruby shoes the Ruby GUI library at our next meetup this Thursday. bit.ly/NZg8sD
3:30 PM · Jul 3, 2012 · Echofon

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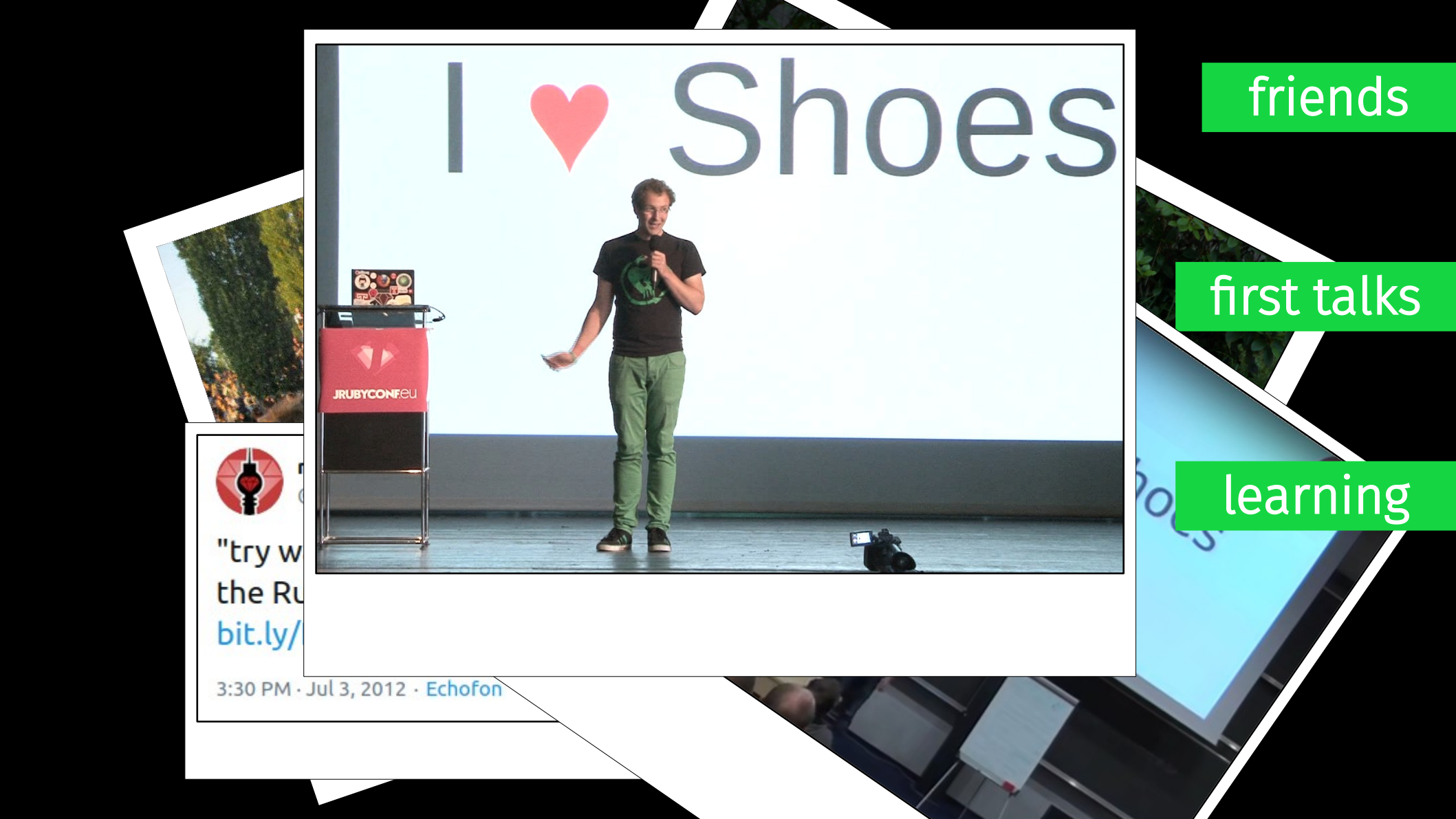
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I Shoes
THE NOT SO LOW COST OF CALLING DYNAMICALLY DEFINED METHODS
OCTOBER 20, 2015 | EDIT
There are a couple of mantras that exist across programming communities, one of them is to avoid duplication or to keep it DRY. Programming languages equip us with different tools to avoid duplication. In Ruby a popular way to achieve this is Metaprogramming. Methods are dynamically defined to get rid off all duplication and we rejoice – yay! There might be other problems with metaprogrammed solutions, but at least we are sure that the performance is the same as if we'd had written that duplicated code. Or are we?
As the title suggests this post examines the performance of these meta programmed methods. If you are looking for method definition performance or pure call overhead you'll find this information in this post by Aaron Patterson.
Before we get into the details I want to quickly highlight that this is not some theoretical micro benchmark I pulled out of thin air. These examples are derived from performance improvements on an actual project. That work was done by my friend Jason R. Clark on this pull request over at Shoes 4. As he doesn't have time to write it up – I get to, so let's get to it!
bit.ly
3:30 PM
friends
first talks
learning
all other projects

Enjoy OSS
@PragTob