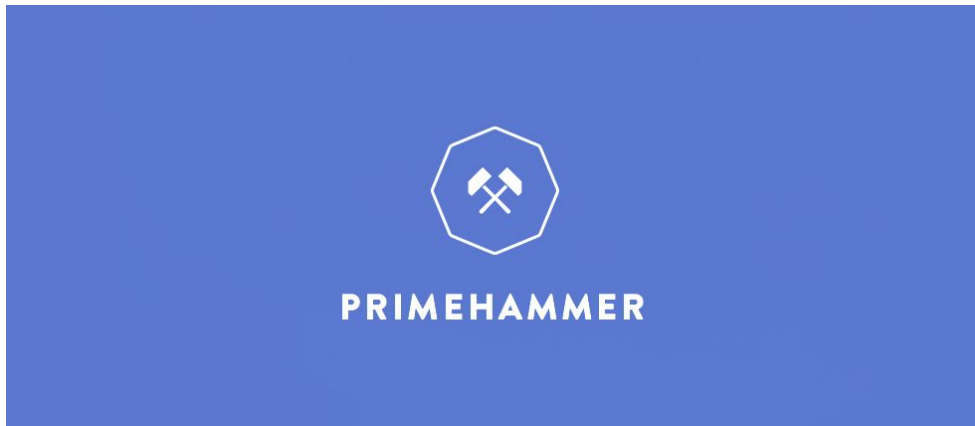# Ruby Stories 2

- Wifi pass: kabinet345
- harmonogram
- žetony
- ukončení

Social Aspect of Code Reviews

David Hrachovy
PrimeHammer

About me

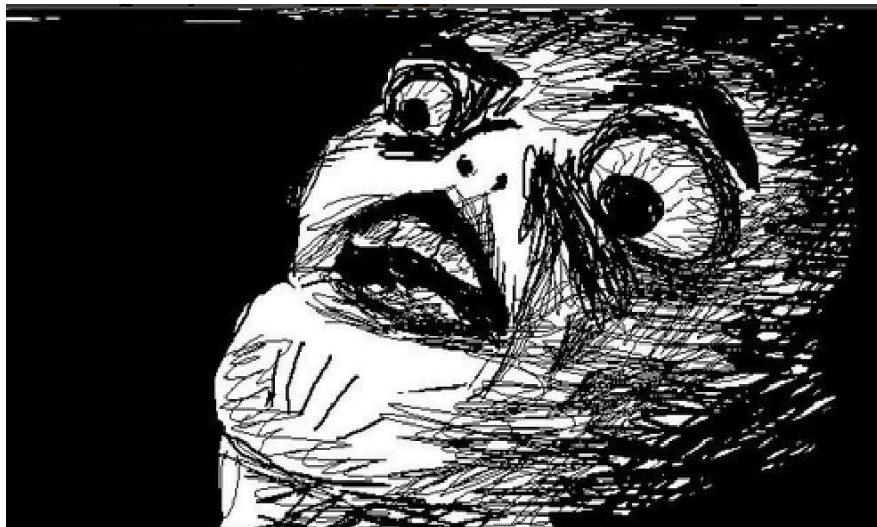- Co-founder Hlidacky.cz
- Founder PrimeHammer

What we won't talk about

- Why do code reviews, I assume you do
- Pull Request (PR) short vs long

What we won't talk about

- Tools for code versioning and managing
- How many reviewers
- What should be in the code (tests, comments) etc.
- ….

Use case - Pull requests on Github

The problem with text communication

- Lack of emotions (mood of author)
- "Anonymity"
- It's slow

What do we want to achieve

- friendly work environment and efficiency
- Reduce employee turnover rate

A few tips

Praise

Reward for invested energy

Thanks / thumbs up / gif / video

Praise

erich commented on the diff on 25 Nov 2015

lib/acts_as_has_role.rb   View full changes

```
23  +
24  +    define_method :method_missing do | meth_name, *args |
25  +      # If we're being queried about a role, e.g.
26  +      #   User.find(3).role_superadmin?
27  +      # then look to see if this user holds that role and respond w a bool
28  +      # Else escalate to super.
29  +      #
30  +      if meth_name.match(/role_(.*)\?/)
31  +        return self.roles.to_a.map(&:name).include?($1)
32  +      else
33  +        super(meth_name, *args)
34  +      end
35  +    end # method_missing
36  +
37  +    define_method :add_role do |role|
38  +      self.roles << role unless self.roles.include?(role)
```

erich added a note on 25 Nov 2015   +😊 ✏️ ✕

👍

Add a line note

Praise

erich commented 10 days ago   +😀 ✏ ✕

🏅 💯

petrsigut merged commit **b86a63b** into `master` 9 days ago   **View details**   **Revert**

1 check passed

Principle of reciprocity

- You expect something back for a favor
- Praise -> be praised
- Help and someone will help you -- github, slack, pair programming
- How much do you give?
- Instant karma

Let the Flame War Begin!

Avoid long conversations

- PR is not a place for conversations - use Slack, Skype
- Keep it to 4 comments
- Closing PR

How to post critic

- avoid negative emotions, you don't always know each other
Unless you can afford it

Linux creator Linus Torvalds had a meltdown over a pull request, and it was awesome

Tell me why. Because I'm not pulling this kind of completely insane stuff that generates conflicts at rc7 time, and that seems to have absolutely no reason for being anm idiotic unreadable mess.

The code seems *designed* to use that new "overflow_usub()" code. It seems to be an excuse to use that function.

And it's a f*cking bad excuse for that braindamage.
I'm sorry, but we don't add idiotic new interfaces like this for idiotic new code like that.

...

Get rid of it. And I don't *ever* want to see that shit again.

How to post critic

- Be polite, ask questions
  You may be wrong

✕ 🏁 **erich** and 1 other commented on an outdated diff on 12 Jan 2016   ⇲ Hide comments

spec_php/php_helper.rb

```
...    ...    @@ -0,0 +1,14 @@
        1    +#require 'webmock'
```

🏁 **erich** added a note on 12 Jan 2016   +😃   ✏   ✕

What do we need this file for?

🏬 **dayweek** added a note on 12 Jan 2016   +😃   ✏   ✕

just deleted. will push afterwards

Add a line note

erich **commented** on an outdated diff on 12 Jan 2016   ⇳ Hide comment

spec.

```
@@ -0,0 +1,5 @@
1    +require 'php_helper'
2    +
3    +RSpec.feature "login" do
4    +  pending "add some scenarios (or delete) #{__FILE__}"
5    +end
```

erich **added a note** on 12 Jan 2016   +☺ ✎ ✕

Could you delete it please?

Add a line note

`app/controllers`   `troller.rb`
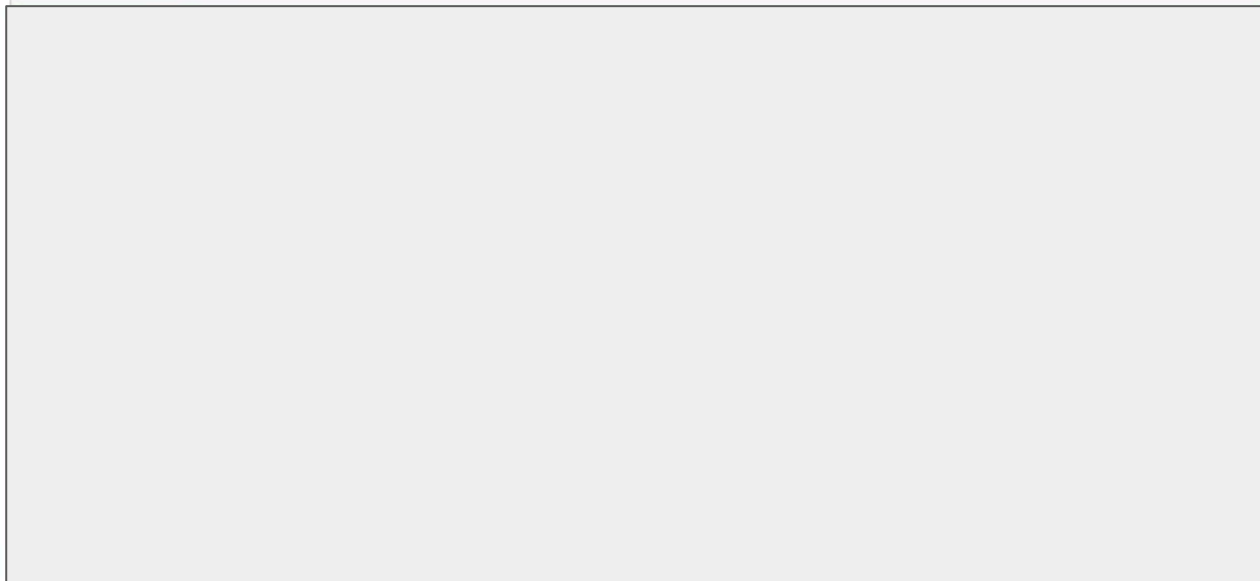
erich added a note on 25 Nov 2015   +☺ ✏ ✕

please don't leave space between `!` and its argument :)

Add a line note

erich commented on `app/models/parent.rb` in 500b537 19 days ago

jak by rekl klasik, my eyes are bleeding .... co takhle aspon concern?

How to post critic

- Use humour

spec/features ... c.rb   View full changes

```
771  -              "GRANT DETAILS" => "ISO G1",
772  -              "GRANT DATE" => "2014-Mar-14",
773  -              "GRANT PRICE" => "$1.23",
774  -              "GRANTED" => "4,000",
775  -              "OUTSTANDING VESTED" => "400",
776  -              "OPTIONS TO EXERCISE & SELL" => "",
777  -              "SALE PROCEEDS & (EXERCISE COSTS)" => "$1,400.00 ($123.00)"
778  -          })
921  +              "GRANT DETAIL
922  +              "GRANT DATE"
923  +              "GRANT PRICE"
924  +              "GRANTED" =>
925  +              "OUTSTANDING
926  +              "OPTIONS TO E
927  +              "SALE PROCEED
928  +          })
```

xHire added a note on 14 Dec 2015

Add a line note

Critique the code not the author

Avoid using the words "you" and "your", say, "the" changes instead.

Did I miss something? [...] Why is that?

Examples in open source projects - MATZ, mruby

matz commented on 25 Sep 2015   Owner +☺

Perhaps, something like

```
a | switch_by_tag(:a,proc1,:b,proc2,:any,proc3)
```

would meet your idea, wouldn't be?

matz commented on 9 Mar 2016   Owner +☺

It doesn't happen on my machine.

git commit: `d6af47c`
gcc: 5.2.1
System: ubuntu 15.10

Could you show us the stacktrace?

Examples in open source projects - DHH, rails

dhh commented a day ago   Member   +☺

Lovely work, this! Really simple, nice level-up that'll serve most people most of the time.

dhh commented on 23 Nov 2016   Member   +☺

@rafaelfranca I think that's a strong argument for just including it in Action View. We don't need an adapter for this. This is UJS support to make the Rails helpers work and they just rely on standard JS. No reason to have a jQuery or whatever version of them imo.

Examples in open source projects - DHH, rails

dhh commented on 20 Jan • edited   Member   +😀

I'm quite sympathetic to this. If you gave me the choice between:

```
let(:today) { 2.weeks.since(customer_start_date) }
let(:earlier_date) { 5.days.until(today) }
```

And

```
let(:today) { 2.weeks.after(customer_start_date) }
let(:earlier_date) { 5.days.before(today) }
```

I'd say the latter requires far less mental gymnastics to read. And I think that's a good example of the strength of alias. It allows us to bend the same instructions to read the most natural in more instances.

🟢 dhh reopened this on 20 Jan

Examples in open source projects - DHH, rails

dhh commented on 7 Dec 2016   Member   +😊

@nathanmarks Thanks for your considerations. Good to have all this spelled out when we evaluate the current approach a bit further down the line. We're indeed using $NODE_PATH and I currently consider that to be a fully justified use. But as stated earlier: This isn't set in stone. We're going to try it for real and make it work, but if we can't, we'll reconsider. Let's resume this discussion in a month or two. In the mean time, eager to have everyone's help improving things.

#27288 is now available.

dhh commented 2 days ago   `Member` +😊

❤️🙏

...

dhh reviewed 2 days ago   View changes

`actionpack/lib/action_dispatch/system_test_case.rb`   ⚏ Hide outdated

```
47  +  #      teardown do
48  +  #        take_failed_screenshot
49  +  #        Capybara.reset_sessions!
50  +  #      end
```

dhh 2 days ago `Member`

✂️ the teardown that we no longer use.

Reply...

`actionpack/lib/action_dispatch/system_test_case.rb`   ⚏ Hide outdated

```
74  +  #
75  +  # To use a headless driver, like Poltergeist, update your Gemfile to u
76  +  # Poltergeist instead of Selenium and then declare the driver name in
77  +  # +system_test_helper.rb+ file. In this case you would leave out the +
```

dhh 2 days ago `Member`

Let's go with `application_system_test_case.rb` rather than `system_test_helper.rb` . I know that doesn't match test_helper.rb, but this would match the application_* style that we use elsewhere. Would be nice to move test_helper.rb to such a style as well in time.

Reply...

Summary

- Praise
- code won't be perfect ever
- Don't spend much time in conversations
- Matz and DHH are nice, be nice too.
- Critique the code not the author

References

- http://dootrix.com/code-reviews-code-conversations/
- http://softwareengineering.stackexchange.com/questions/333853/how-to-find-positive-things-in-a-code-review
- https://www.slideshare.net/vstratus/how-not-to-run-code-reviews
- https://speakerdeck.com/emmajane/peer-code-reviews

Thanks!

Any questions?

What is your experience?

You can find me at:

david@primehammer.com