

Rails in the long run

Maintaining an app through the years

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Rails 1.0: Party like it's one oh oh!

Posted by David, December 13, 2005 @ 9:02 pm in [Releases](#)

The lifecycle

BETA



LEGACY

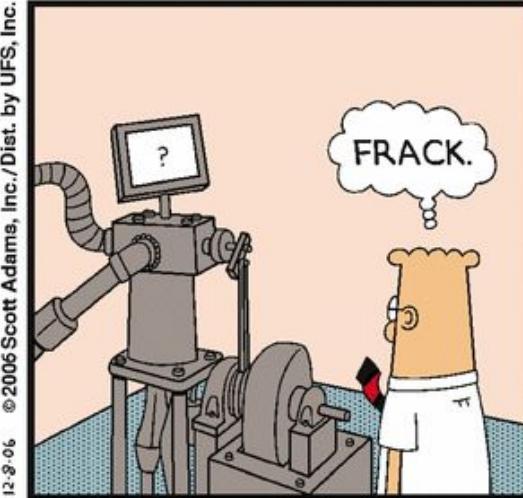
NOW WHAT?

Regardless of what we discover, we understand and truly believe that everyone did the best job they could, given what they knew at the time, their skills and abilities, the resources available, and the situation at hand.

CONFIDENCE

A person is walking on a tightrope that stretches across a deep valley. The person is in mid-stride, with one arm raised for balance. The background features two large, forested hills under a clear sky. The word "CONFIDENCE" is overlaid in large, bold, orange letters at the top center of the image.

Avoid Silos



Spread the knowledge



Spread the knowledge - II

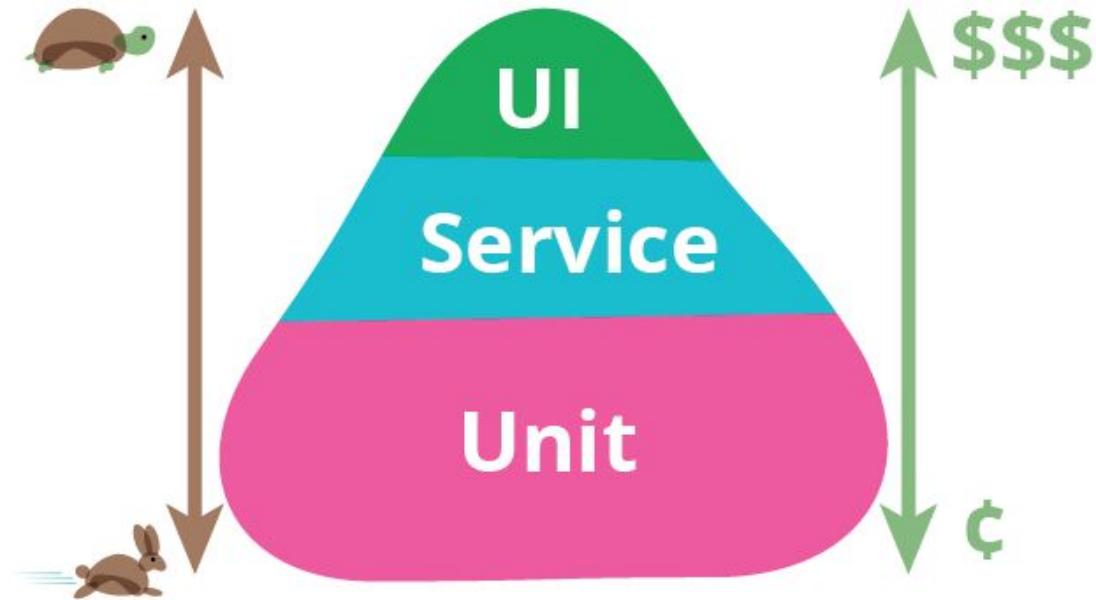


CODE REVIEWS

Be realistic about tests

Source files on master							
LIST	9	CHANGED	7	SOURCE CHANGED	0	COVERAGE CHANGED	7
▲ COVERAGE	◆ Δ	◆ FILE	◆ LINES	◆ RELEVANT	◆ COVERED	◆ MISSED	◆ HITS/LINE
— 100.0		app/commands/authenticate_request.rb	35	18	18	0	1.0
— 100.0		app/commands/authenticate_user.rb	26	14	14	0	1.0
— 100.0		app/controllers/application_controller.rb	12	7	7	0	1.0
— 100.0		app/controllers/rest/books_controller.rb	45	25	25	0	1.0
— 100.0		app/controllers/rest/logins_controller.rb	13	7	7	0	1.0
— 100.0		app/models/application_record.rb	3	2	2	0	1.0
— 100.0		app/models/book.rb	8	6	6	0	1.0
— 100.0		app/models/user.rb	20	12	12	0	1.0
— 100.0		lib/json_web_token.rb	15	8	8	0	1.0
SHOW	10	▼ ENTRIES	Showing 1 to 9 of 9 entries				← PREVIOUS 1 NEXT →

The right tests



Break things





HAVE A PLAN

Quiz time

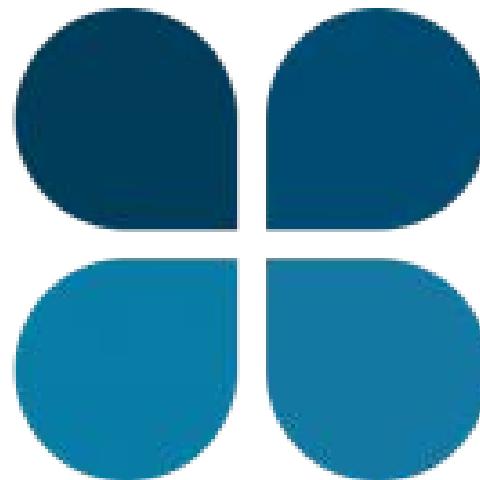
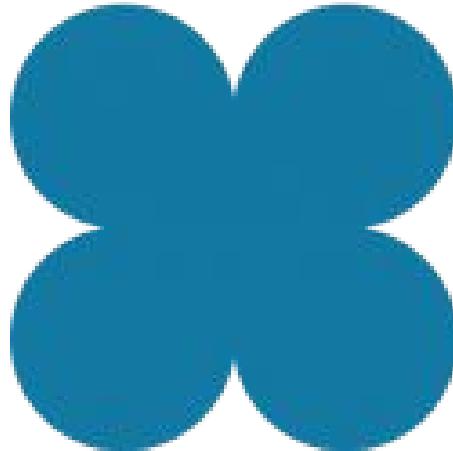


Estimate

How long would it take
to migrate from one
major version to
another?

More than you think

Smaller tasks are more predictable



Maintain a (technical) backlog

BACKLOG

Try Hipster.js library, quick before something else appears

Feature

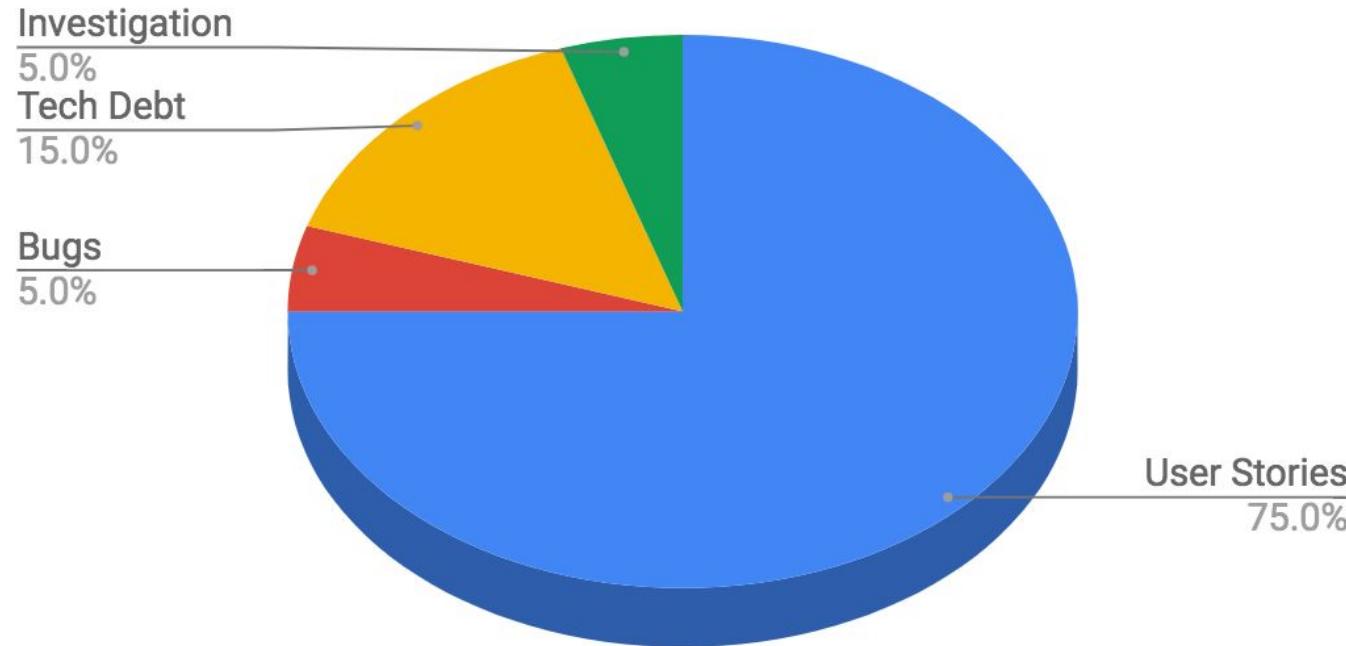
Another feature

It's feature friday!

Our CEO wants this

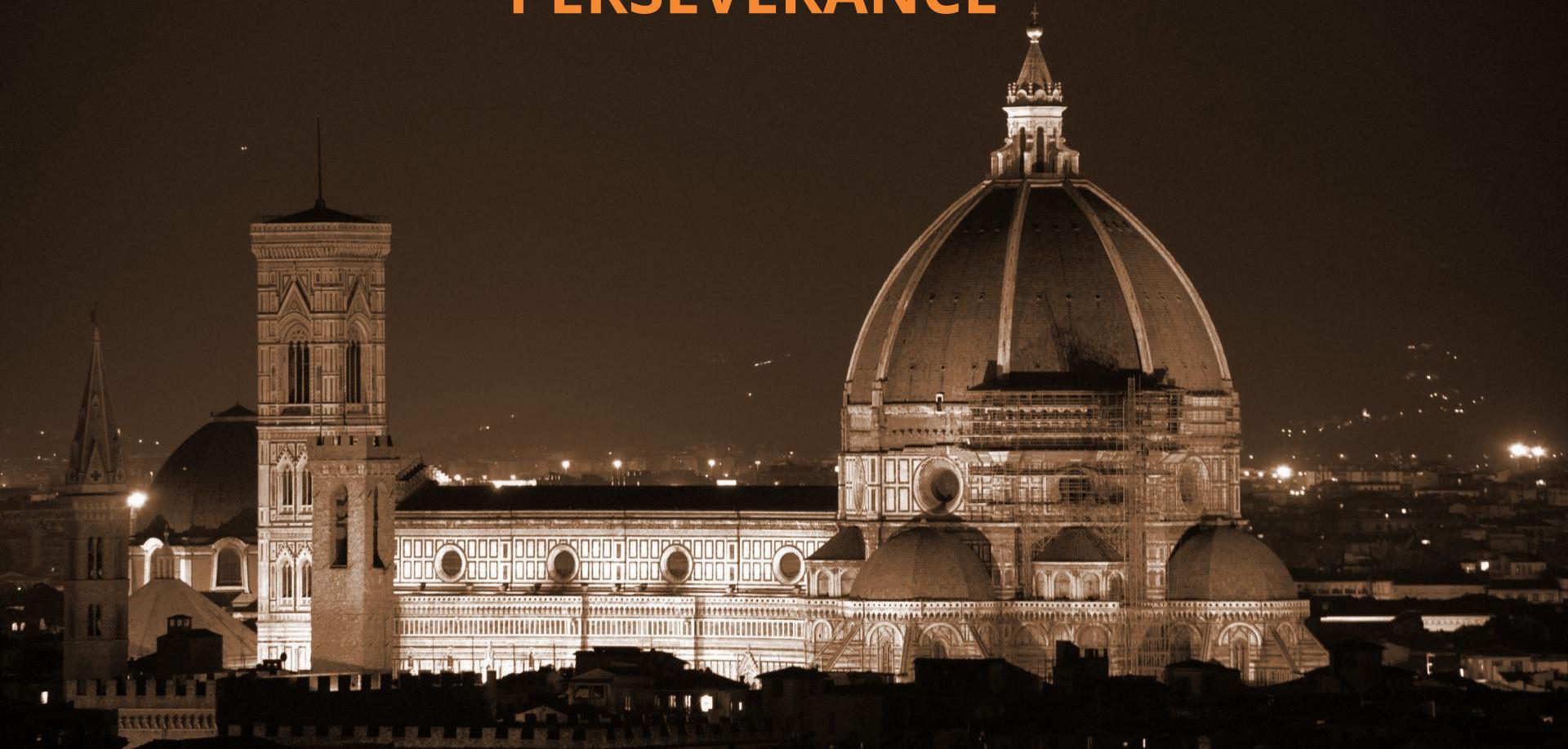
Refactor payment system

Negotiate



*The world does not need
another discussion about what
is **tech debt** and what is not*

PERSEVERANCE

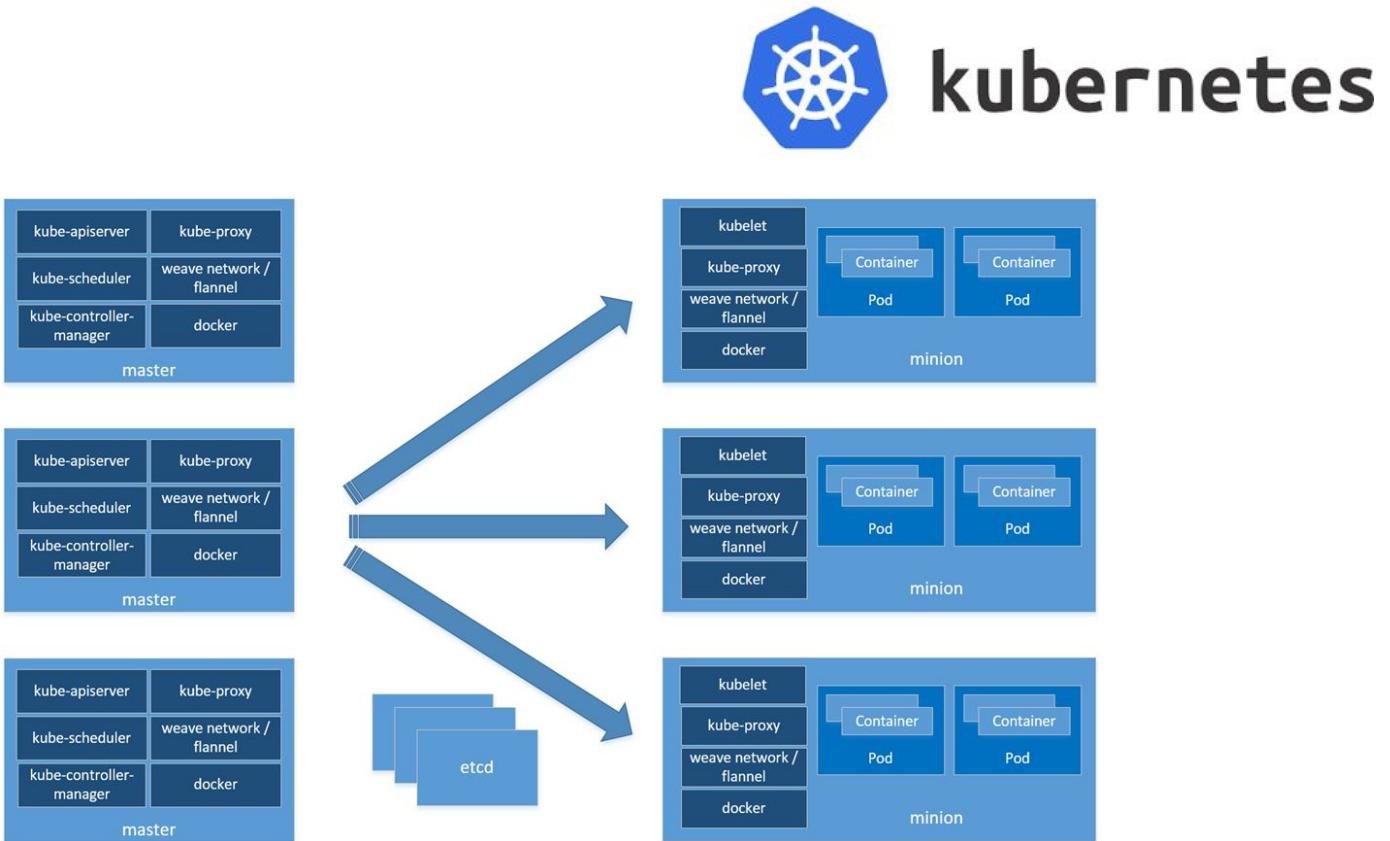


*Small progress is still
progress*

Deploy early and often

Fuck it,  **it.**

Overthinking deployments



Update your dependencies

1. Identify outdated dependency
2. Check *changelog*
3. Update if small enough, create ticket otherwise
4. GOTO 1
5. There is no 5, this process never stops

Security can no longer be ignored

Screenshot of a GitHub repository page showing a dependency graph with security vulnerabilities.

The repository is `octo-org / octo-repo`, marked as Private.

The Insights tab is selected in the navigation bar.

Dependency graph

Dependencies tab is selected.

A yellow warning box displays:

- We found potential security vulnerabilities in your dependencies.**
- Some of the dependencies defined in your `Gemfile` have known security vulnerabilities and should be updated.
- Only users who have been granted [access to vulnerability alerts](#) for this repository can see this message.
- [Learn more about vulnerability alerts](#)

Dismiss button is available in the top right corner of the warning box.

Text below the warning box: These dependencies have been defined in `octo-repo`'s manifest files, such as `Gemfile.lock` and `Gemfile`.

Dependencies defined in `Gemfile.lock` 35

- rails / rails actionview** Known security vulnerability in [4.2.5](#) ▾
 - Moderate severity vulnerability detected
 - Gemfile.lock update suggested:** `actionview ~> 4.2.7.1`
 - Always verify the validity and compatibility of suggestions with your codebase.
- rails / rails activerecord**
- rails / rails**
- rails / rails actionmailer**
- rails / rails actionpack**
- rails / rails activejob**

4.2.5

Vulnerability information [?]

CONTROLLED DEMOLITION

A photograph of a multi-story apartment building during controlled demolition. A massive, dark brown cloud of dust and debris billows from the center of the building, obscuring several floors. The building's facade is made of light-colored concrete or brick. In the background, other buildings are visible under a clear sky.

TOOLS



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C Capistrano



COVERALLS



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Summary



DON'T BE AFRAID

Code that you are afraid to touch is worse than broken code



LOOK FOR VALUE

Maintenance is not as sexy as new features, but it can have a big ROI



BIT BY BIT

Keep making progress, no matter how small



MAKE YOUR APP LAST



THANK YOU