

The Success of Ruby on Rails

Ensuring growth for
the next 100 years





Thank You,
Ruby Central ♡



Eileen M Uchitelle

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@eileencodes



I work at Shopify

Ruby & Rails

Infrastructure Team



Member of the
Rails Core Team

The Success of Ruby on Rails

Ensuring growth for
the next 100 years





The History of Rails

From hobby to
success

The History of Rails

2004

Rails is born

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Tobi receives
a zip of Rails

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Rails moves
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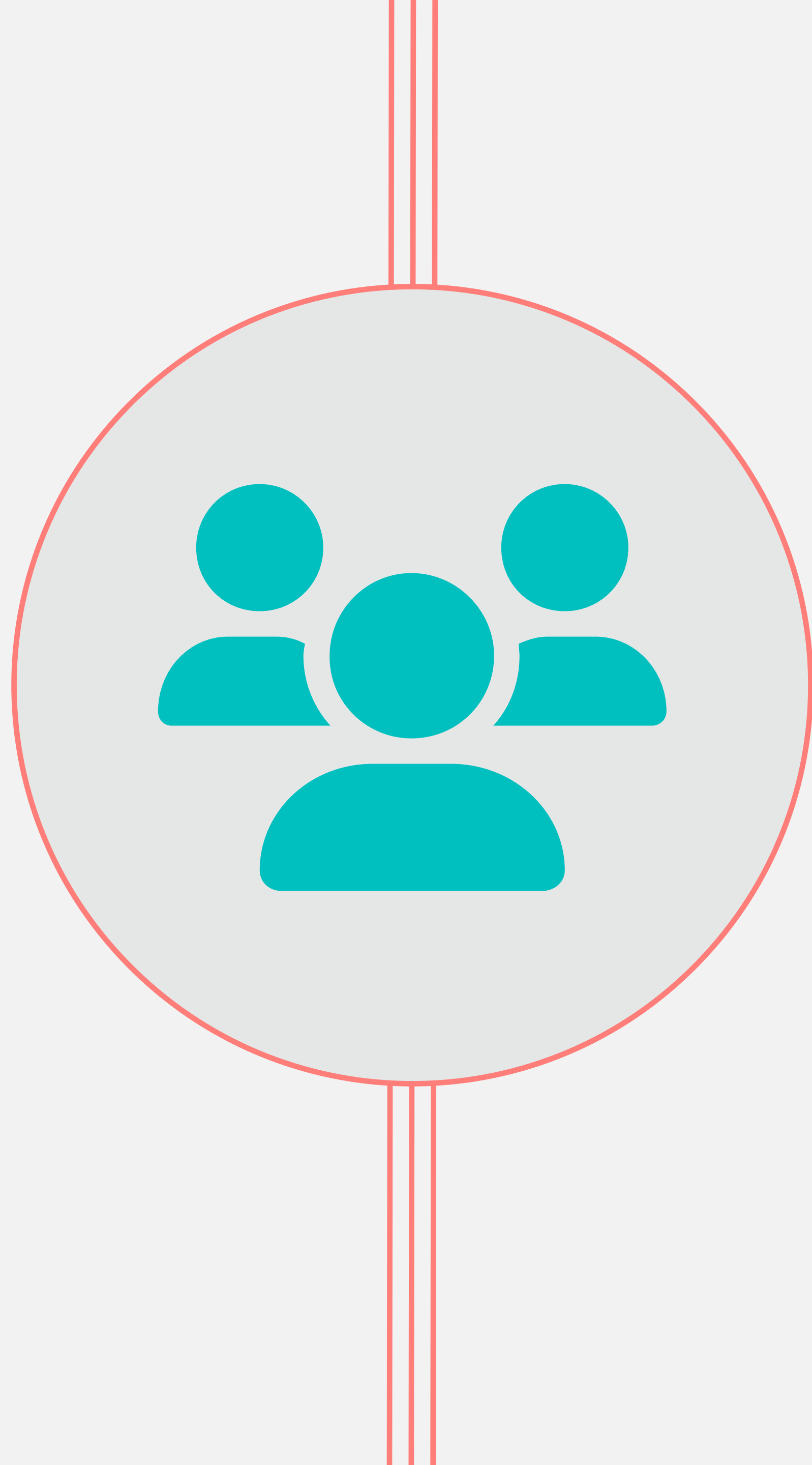
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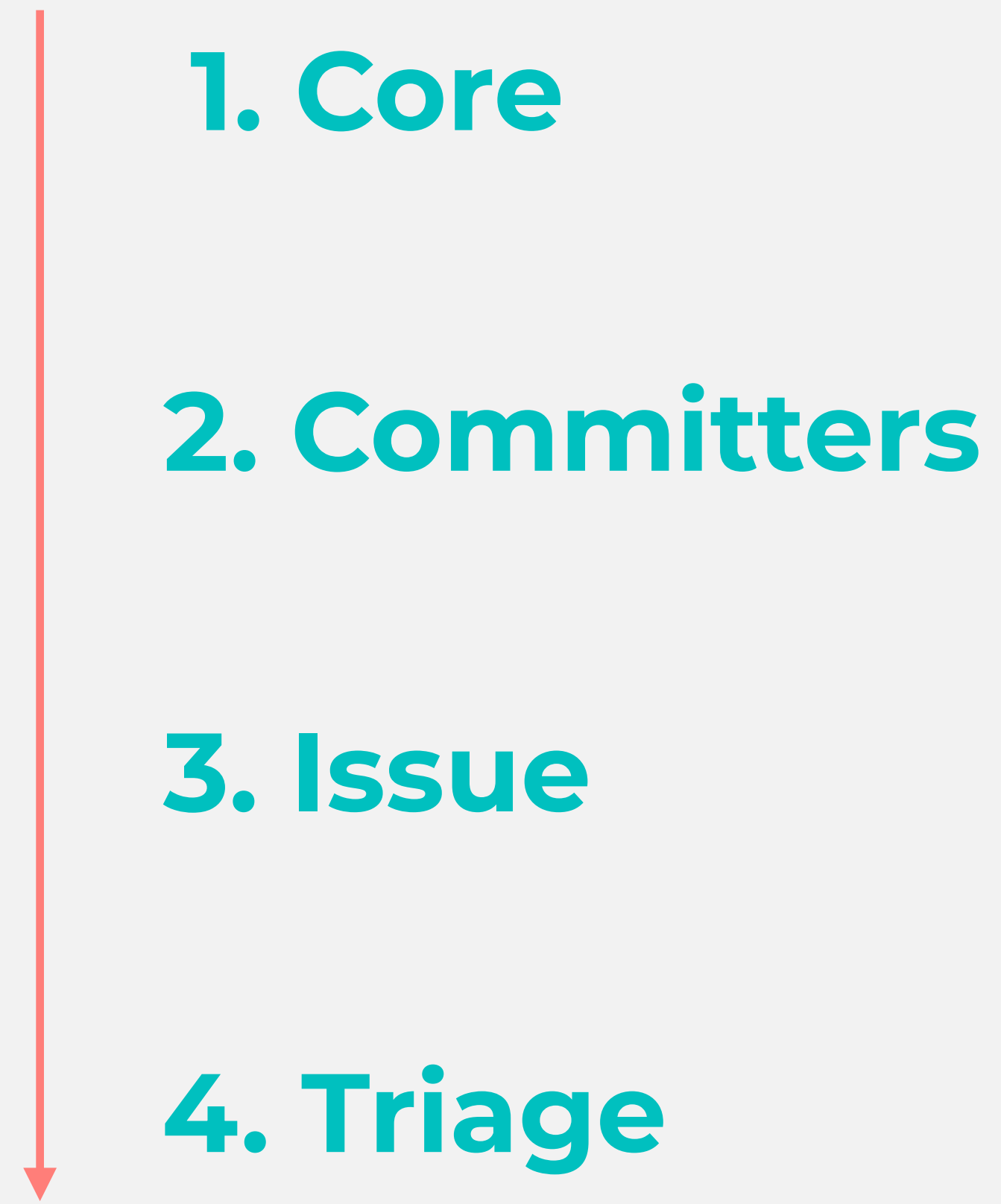
Rails moves
to GitHub



Rails Governance

Team structure and responsibilities

Rails Governance Structure



Rails Governance Structure



Rails Governance Structure

**How the
"Security"
team works.**

Security Team

- Triaging security issues on HackerOne and security@rubyonrails.org

Security Team

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- Writing patches for vulnerabilities

Security Team

- Triaging security issues on HackerOne and security@rubyonrails.org
- Writing patches for vulnerabilities
- Requests CVE

Rails Governance Structure

**How the
"Triage" team
works.**



@ghiculescu



@keeran



@flavorjones



@tonkpils



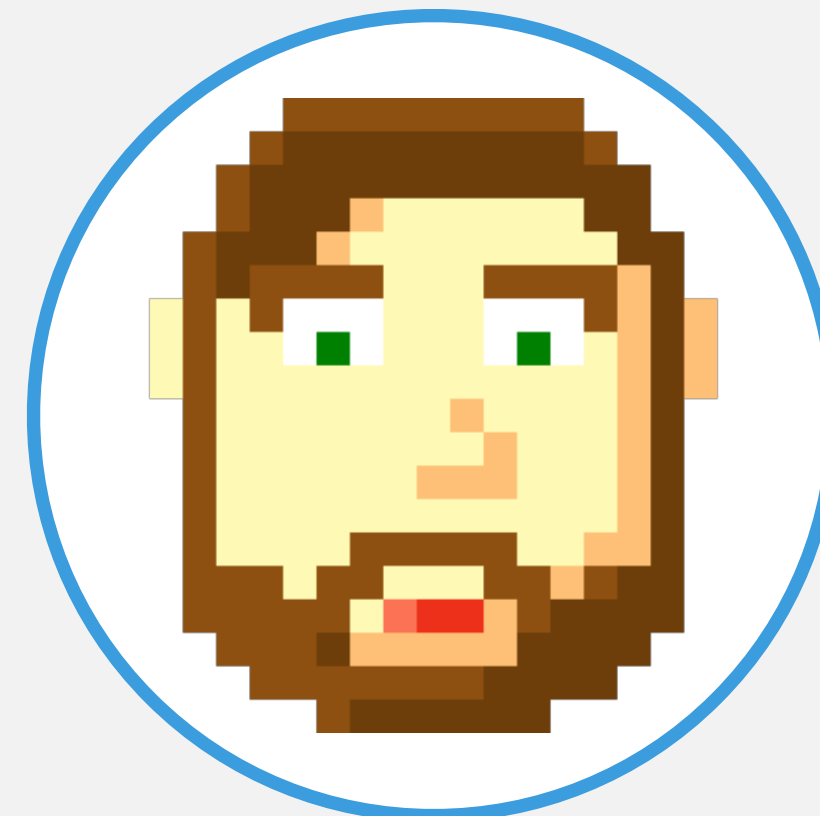
@skipkayhil



@adrianna-chang-shopify



@hahmed



@hparker



@jorgemanrubia

Triage Team

- Initial triaging of issues

Triage Team

- Initial triaging of issues
- Reviewing pull requests

Rails Governance Structure

**How the
"Issues" team
works.**



@p8



@seejohnrun



@robin850



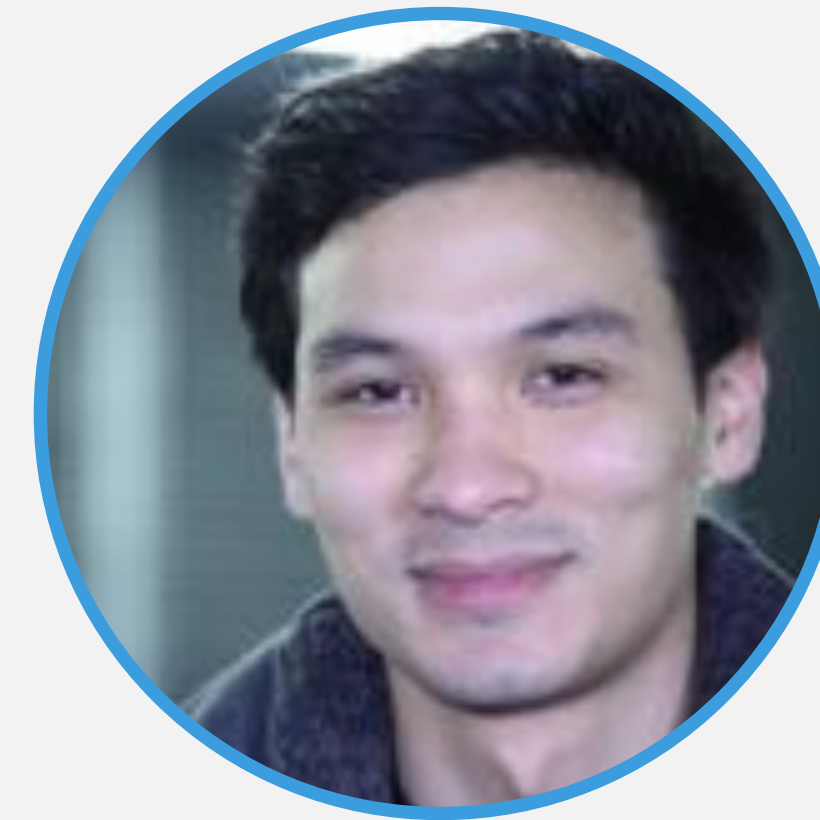
@vipulnsward



@sikachu



@zzak



@Edouard-chin

Issues Team

- Triage issues, review PRs, nurture contributors

Issues Team

- Triage issues, review PRs, nurture contributors
- Merge documentation and non-code changes

Rails Governance Structure

**How the
"Committers"
team works.**



@jonathanhefner



@gmcgibbon



@y-yagi



@yahonda



@amatsuda



@schneems



@eugeneius

Committers Team

- Triage issues, review PRs, nurture contributors

Committers Team

- Triage issues, review PRs, nurture contributors
- Merge most code changes

Rails Governance Structure

**How the
"Core" team
works.**



@jeremy



@matthewd



@dhh



@tenderlove



@fxn



@jhawthorn



@kamipo



@carlosantonio
dasilva



@rafaelfranca



@guilleiguaran



@byroot



@eileencodes

Core Team

- Triage issues, review PRs, nurture contributors

Core Team

- Triage issues, review PRs, nurture contributors
- Setting the direction of the framework

Core Team

- Triage issues, review PRs, nurture contributors
- Setting the direction of the framework
- Releasing Rails

Core Team

- Triage issues, review PRs, nurture contributors
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- Setting Policy & Guidelines

Core Team

- Triage issues, review PRs, nurture contributors
- Setting the direction of the framework
- Releasing Rails
- Setting Policy & Guidelines
- Contributor Growth

Rails Governance

**Making Rails
more
welcoming.**

Making Rails more welcoming

- Open Discord server coming soon

Making Rails more welcoming

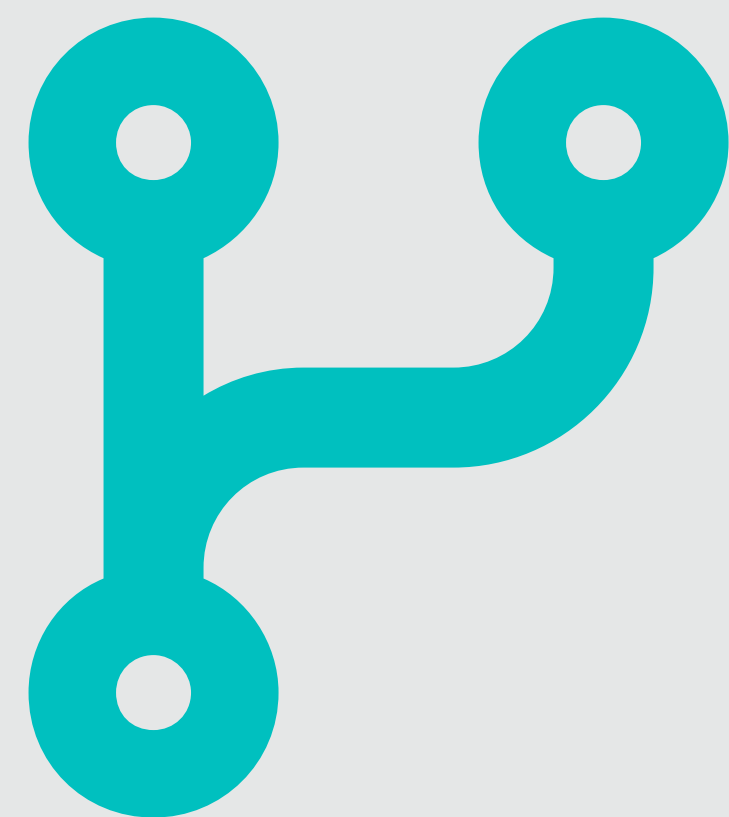
- Open Discord server coming soon
- Implement review rounds for PRs

Making Rails more welcoming

- Open Discord server coming soon
- Implement review rounds for PRs
- Disabled the stale bot

Making Rails more welcoming

- Open Discord server coming soon
- Implement review rounds for PRs
- Disabled the stale bot
- **Open source office hours at RailsConf:
Shopify Booth - today 3-4pm PST**



How I started contributing to Rails

My History of Rails

2009

First learn of
Rails

My History of Rails

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2011

Attend Big
Nerd Ranch

destroy_all vs. delete_all with
has_many dependencies

Contact

`has_many :categorizations`

`has_many :categories, through: :categorizations`

Category

`has_many :categorizations`

`has_many :contacts, through: :categorizations`

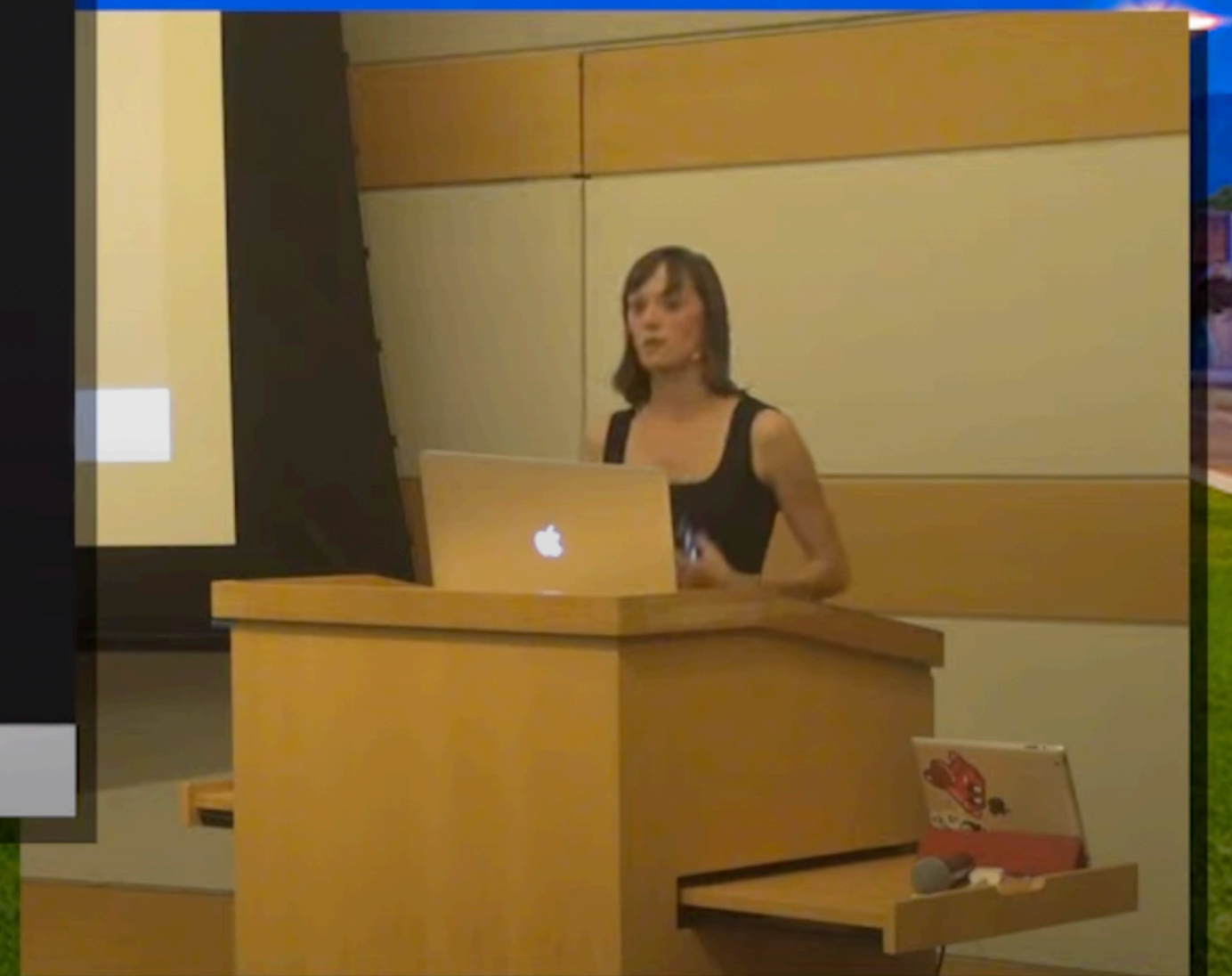
`Contact.delete_all`

`Contact.destroy_all`

`DELETE FROM `contacts` WHERE `contacts`.`id` = 1`

`DELETE FROM `contacts` WHERE `contacts`.`id` = 2`

`DELETE FROM `contacts` WHERE `contacts`.`id` = 3`



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2017

Core Team

Why I work
on Rails.

**A drive to work
on something
bigger.**

Why I work
on Rails.

**To redefine
developer
happiness.**

Why I work
on Rails.

**To ensure
applications
stay on Rails.**



You should be
investing in Rails

Investing
in Rails.

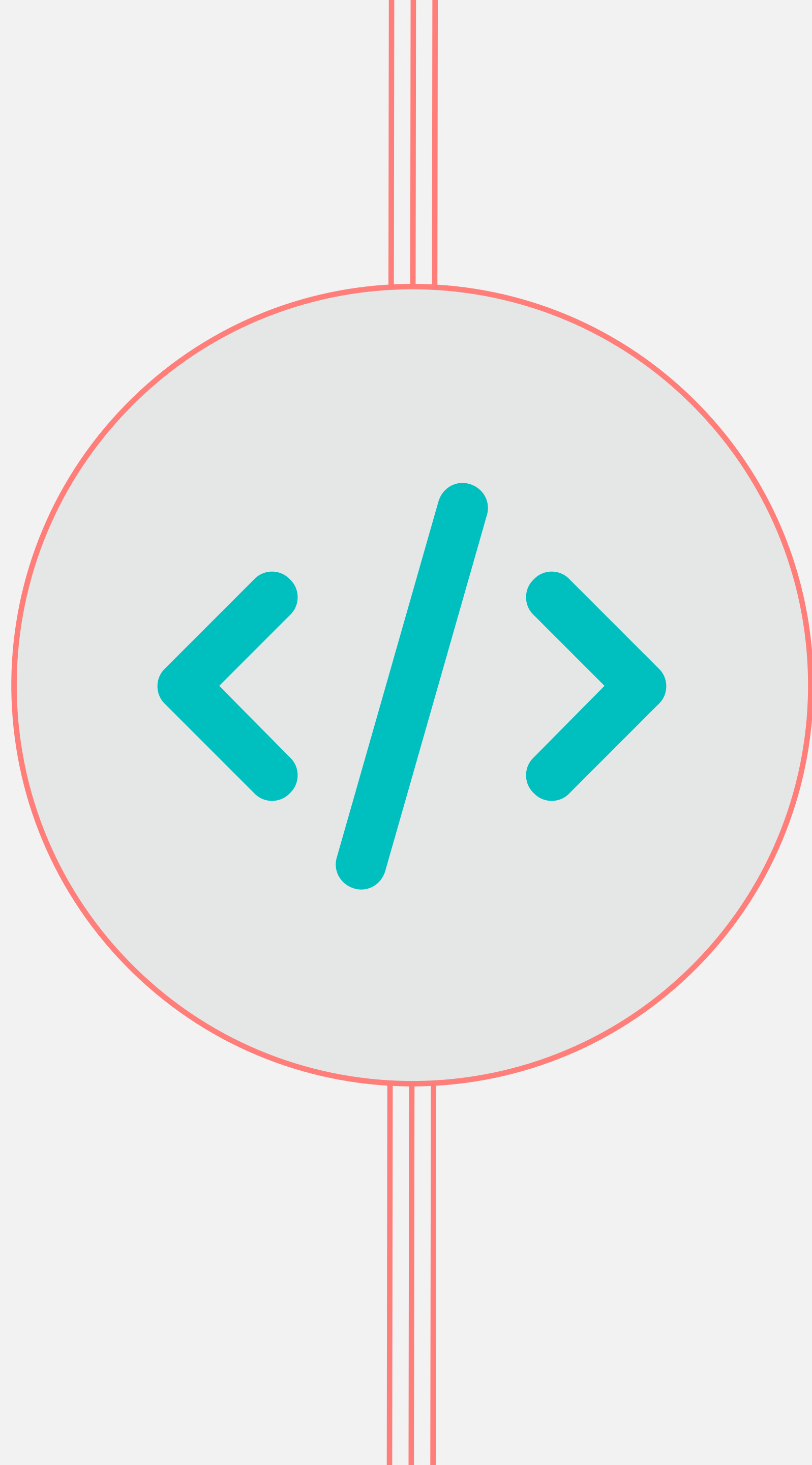
**Ensure it's part
of your
mission.**

Investing
in Rails.

**Build a
dedicated
team.**

Investing
in Rails.

**Treat Rails like
an extension
of your app.**



How to start contributing to Rails

How to
contribute
to Rails.

**Read the
contributing
docs.**

guides.rubyonrails.org/contributing_to_ruby_on_rails.html

[Home](#)[Guides Index](#) [Contribute](#)

Contributing to Ruby on Rails

This guide covers how *you* can become a part of the ongoing development of Ruby on Rails.

After reading this guide, you will know:

- ✓ How to use GitHub to report issues.
- ✓ How to clone main and run the test suite.
- ✓ How to help resolve existing issues.
- ✓ How to contribute to the Ruby on Rails documentation.
- ✓ How to contribute to the Ruby on Rails code.

Ruby on Rails is not "someone else's framework". Over the years, thousands of people

Chapters

1. **Reporting an Issue**
 - [Creating a Bug Report](#)
 - [Create an Executable Test Case](#)
 - [Special Treatment for Security Issues](#)
 - [What about Feature Requests?](#)
2. **Helping to Resolve Existing Issues**
 - [Verifying Bug Reports](#)
 - [Testing Patches](#)
3. **Contributing to the Rails Documentation**
4. **Translating Rails Guides**

How to
contribute
to Rails.

**Get Rails
running on
your machine.**

What does a good PR look like?

- Write a descriptive commit message

Fix tag helper regression

Vue.js, alpinejs, and potentially other JS libraries support tags starting with `@` symbols. This was broken by the recent security release in 649516c.

I've only added `@` to the list even though there are potentially other safe characters. We can add more if necessary (and if safe).

Fixes:

- * #45014
- * #44972

What does a good PR look like?

- Write a descriptive commit message
- PRs should be 1 commit

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- Add tests & docs
- Add a CHANGELOG entry if applicable

* ``rails db:schema:{dump,load}`` now checks
``ENV["SCHEMA_FORMAT"]`` before config

Since ``rails db:structure:{dump,load}`` was deprecated there wasn't a simple way to dump a schema to both SQL and Ruby formats. You can now do this with an environment variable. For example:

`` ````

`SCHEMA_FORMAT=sql rake db:schema:dump`

`` ````

`*Alex Ghiculescu*`

What does a good PR look like?

- Write a descriptive commit message
- PRs should be 1 commit
- Open PRs against ``main``
- Add tests & docs
- Add a CHANGELOG entry if applicable
- Follow Rails style and patterns

What does a good PR look like?

- Write a descriptive commit message
- PRs should be 1 commit
- Open PRs against ``main``
- Add tests & docs
- Add a CHANGELOG entry if applicable
- Follow Rails style and patterns
- Don't break public APIs

How to
contribute
to Rails.

**No really.
Upgrade your
apps first.**

How to
contribute
to Rails.

**Run your
application off
main.**

How to
contribute
to Rails.

**Look at how
your apps are
using Rails.**

How to
contribute
to Rails.

**Keep showing
up and
contributing.**



Why companies avoid open source

Why leaders
don't fund
OSS.

**Leaders don't
see it as a
priority.**

Why leaders
don't fund
OSS.

**Leaders think
working on
OSS is "fun".**

Why leaders
don't fund
OSS.

**Leaders view
OSS work as a
reward.**



How to convince leadership

How to
convince
leadership.

**Find your
internal
allies.**

How to
convince
leadership.

**Gather
supporting
data.**

How to
convince
leadership.

**Spend time
developing a
growth plan.**

How to
convince
leadership.

**Be mindful of
the language
you use.**

How to
convince
leadership.

**Don't get
discouraged.
Try again later.**



Why should we
invest in Rails?

Why invest in Rails?

**Improves
engineering
skills.**

Why invest in Rails?

**Because it's
essential to
app health.**

Why invest in Rails?

**It's less
expensive than
a rewrite.**



Site falling over
High Risk Force rewrite
Low morale
Unhappy engineers
Blocked upgrade



Stable foundation
Low technical debt
Resilient application
Rails evolves with you
Improved engineering skills

Investing in
Rails is
proactive.

Investing in
Rails is
proactive.

Rewriting an
application is
reactive.

Why invest in Rails?

**Because
you're
missing out.**

Why invest in Rails?

**To make sure
Rails is built
for you.**

Why invest in Rails?

**To ensure
success for
100+ years.**



**Thank You
RailsConf!**

Find me online @eileencodes