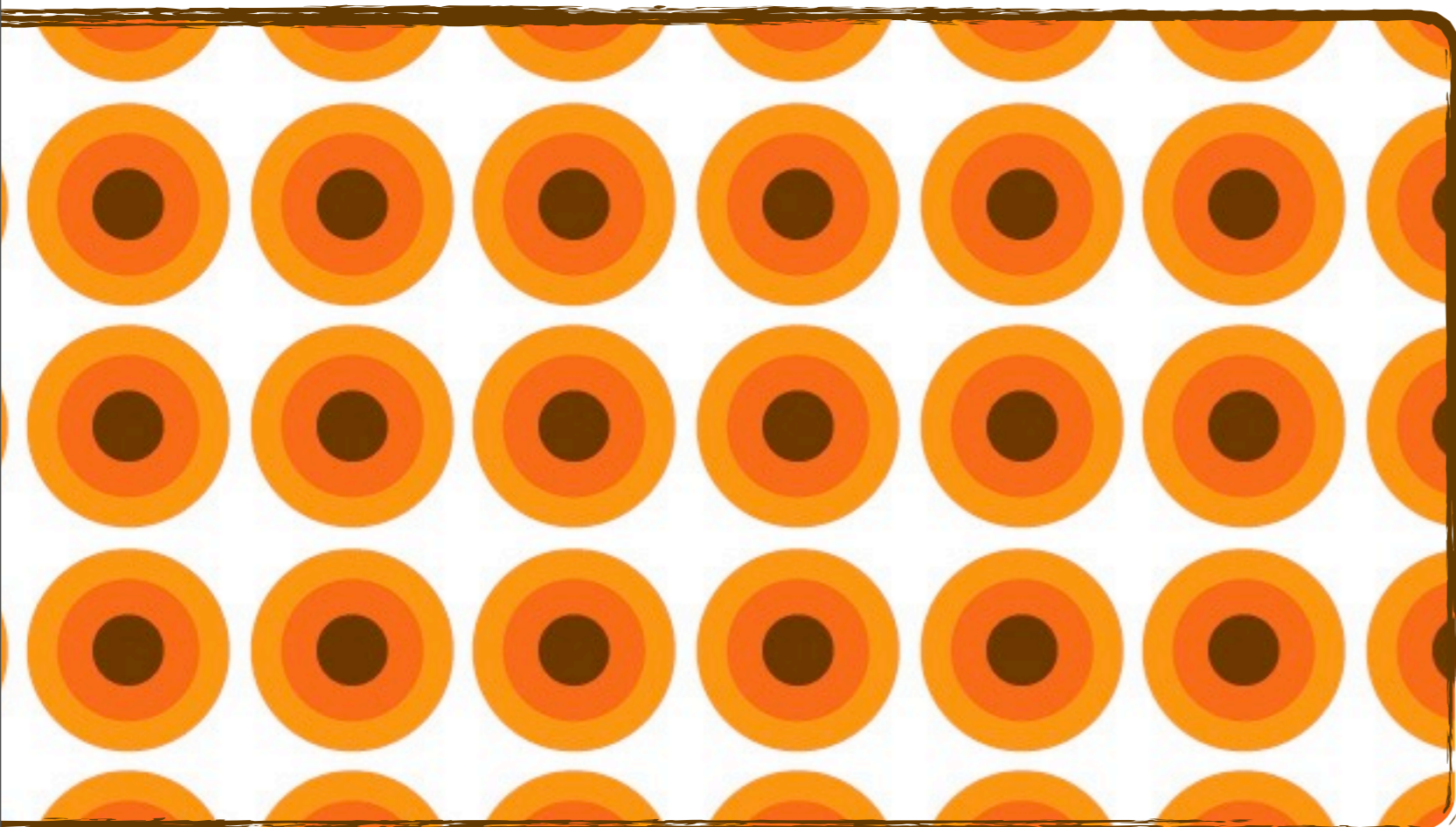


Ruby on Rails 3

The Why and How

Jeremy McAnally





Why?

Performance

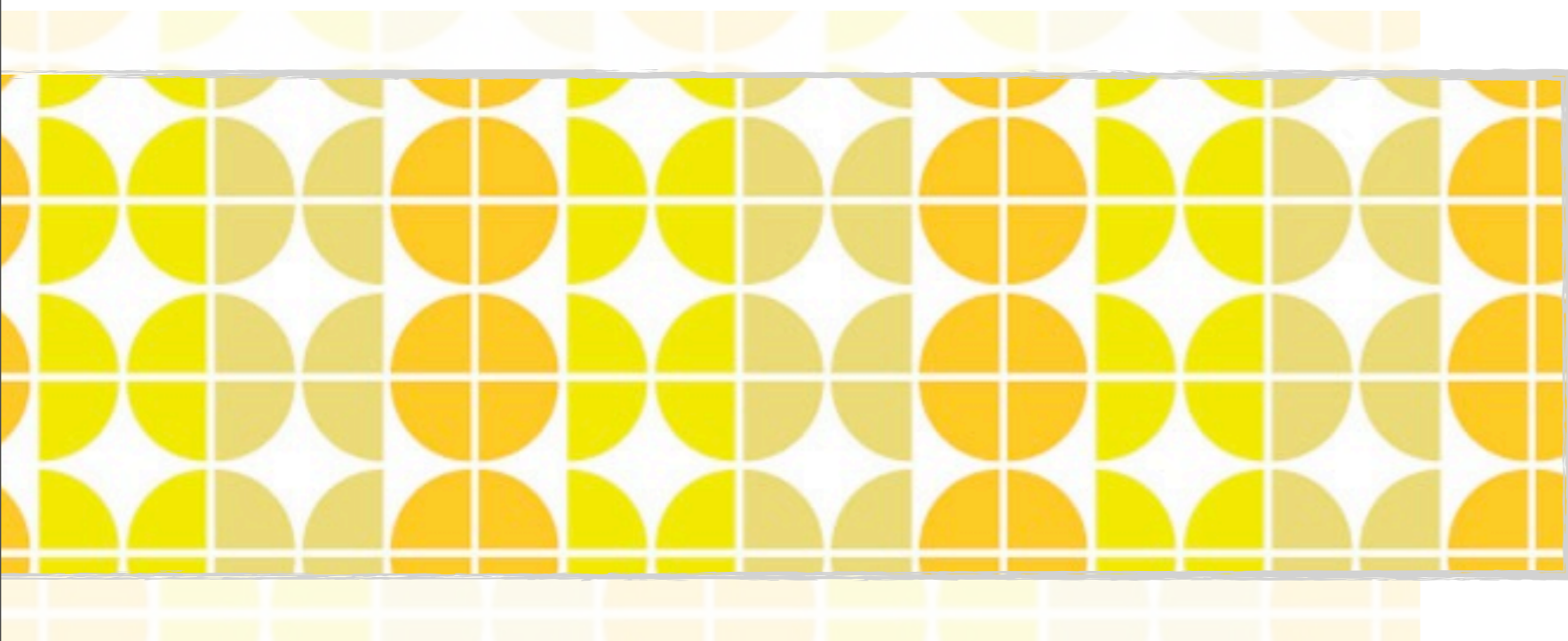
- Performance is an important goal of Rails 3
- More performance means less hardware, less time spent optimizing
- Many refactorings will reduce hackage required for certain patterns

New features

- New features are useful for existing apps, too.
- Cut down on time spent maintaining stopgaps for added features
- Ensure that new and better practices are baked in

Segmentation

- Segmenting your app into little services has never been easier
- Changing from monolithic app to scalable “SOA” app is easy
- Building custom components has never been easier



How?

rails_upgrade

http://github.com/rails/rails_upgrade

- Plugin to help you determine what to upgrade and help you do it
- Runs tests on your current 2.x app
- Helps you create Rails 3.x compatible code
- Backs up important files

Regenerate

```
rails ./
```

- The easiest way to get the right pieces is to regenerate the application
- **Be sure you back up files it wants to replace.**

Reconfigure

```
rake rails:upgrade:gems  
rake rails:upgrade:routes
```

- Move a lot of `environment.rb` to `application.rb`
- Move `config.gem` calls to `Gemfile`
- Upgrade your routes file

Boot and rake

```
rails server  
rake test  
rake rails:upgrade:check
```

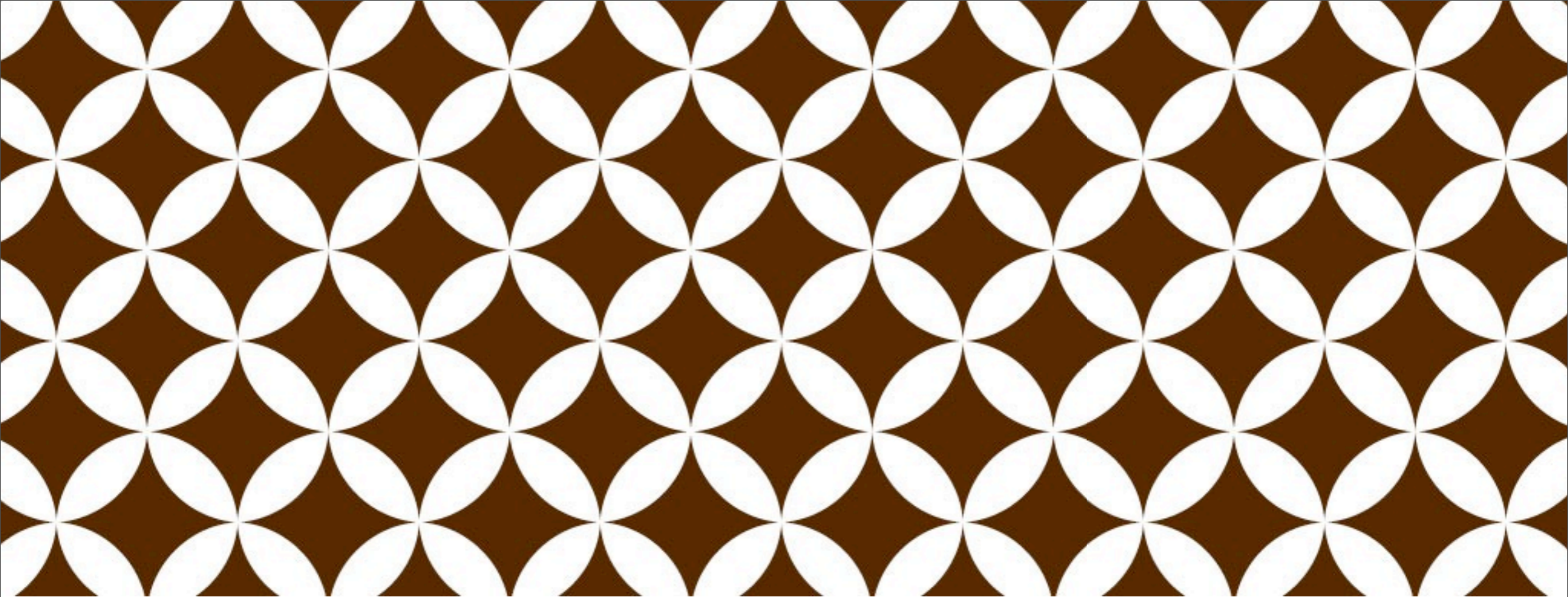
- Boot the app
- Run your tests (unless you're using RSpec)
- Run the `rails:upgrade:check` task again

Fix the codes

- You'll probably have some code fixes to make.
- Tests will hopefully cover them...

Snags

- You will hit them.
- It's unlikely they're documented anywhere, but some are.



More info

More info.

- Rails 3 Release Notes and Guides
<http://guides.rails.info/>
- EdgeRails.info
<http://edgerails.info/>
- Linked lists from railslove.com and
mediumexposure.com
<http://is.gd/8CZN2>
<http://is.gd/8CZWn>

More info.

- Yehuda's blog
<http://yehudakatz.com>
- Mike Lindsaar's blog
<http://lindsaar.net>
- My blog
<http://omgbloglol.com>
- Rails Upgrade Handbook
<http://railsupgradehandbook.com>