



AN OVERVIEW OF RUBY ON RAILS

A talk for Open South of Code 2019

25 may at 11:30

by @stbnrivas

Andalucia.rb - Grupo de usuarios de Ruby en Andalucía - Google Chrome

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Eventos Temas Gente Mailing list Lugares

Andalucia.rb
Grupo de usuarios de Ruby en Andalucía

Eventos

La siguiente reunión será el **jueves, 23 de mayo de 2019 19:00:00 +0200** en Bitnami!

Reuniones anteriores

- jueves 21 de marzo, 19:20 - Primera sesión: Conoce Action Cable
- martes 26 de febrero, 19:00 - DIY RoR, Dockerize it yourself Ruby on Rails II Save time with Automated Tests
- sábado 16 de febrero, 13:00 - Ruby & Beers

[Ver todos los eventos](#)

Temas

Quieres dar una charla en el grupo, o quieres proponer un tema para una? Envianos un [E-Mail](#) o un tweet: [@malegarib](#)

Los grupos de usuarios necesitan interacción. Si crees que estaría bien dar una charla sobre un Tema, o quieres profundizar sobre alguno, por favor añádelo en nuestra Wishlist. Si tienes una idea para una charla o actividad proponla aquí para obtener feedback de la comunidad de Ruby/Rails.

[Proponer un Tema](#)

Propuestas

- Bots para Telegram
- Grupos de trabajo
- Git Basics
- DIY (dockerize it yourself rails) Part II



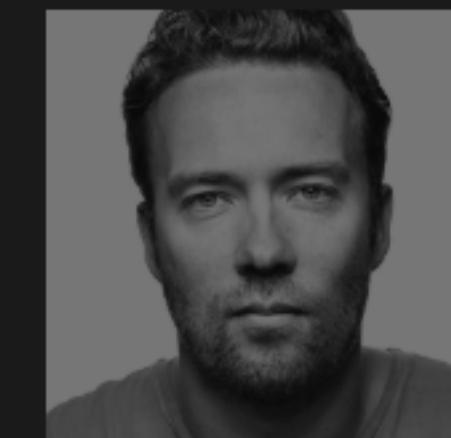
Ruby on Rails Doctrine

- 1. Optimize for programmer happiness
- 2. Convention over Configuration
- 3. The menu is omakase
- 4. No one paradigm
- 5. Exalt beautiful code
- 6. Provide sharp knives
- 7. Value integrated systems
- 8. Progress over stability
- 9. Push up a big tent

EXALT THE BEAUTY

```
class Project < ApplicationController
  belongs_to :account
  has_many :participants, class_name: 'Person'
end
```

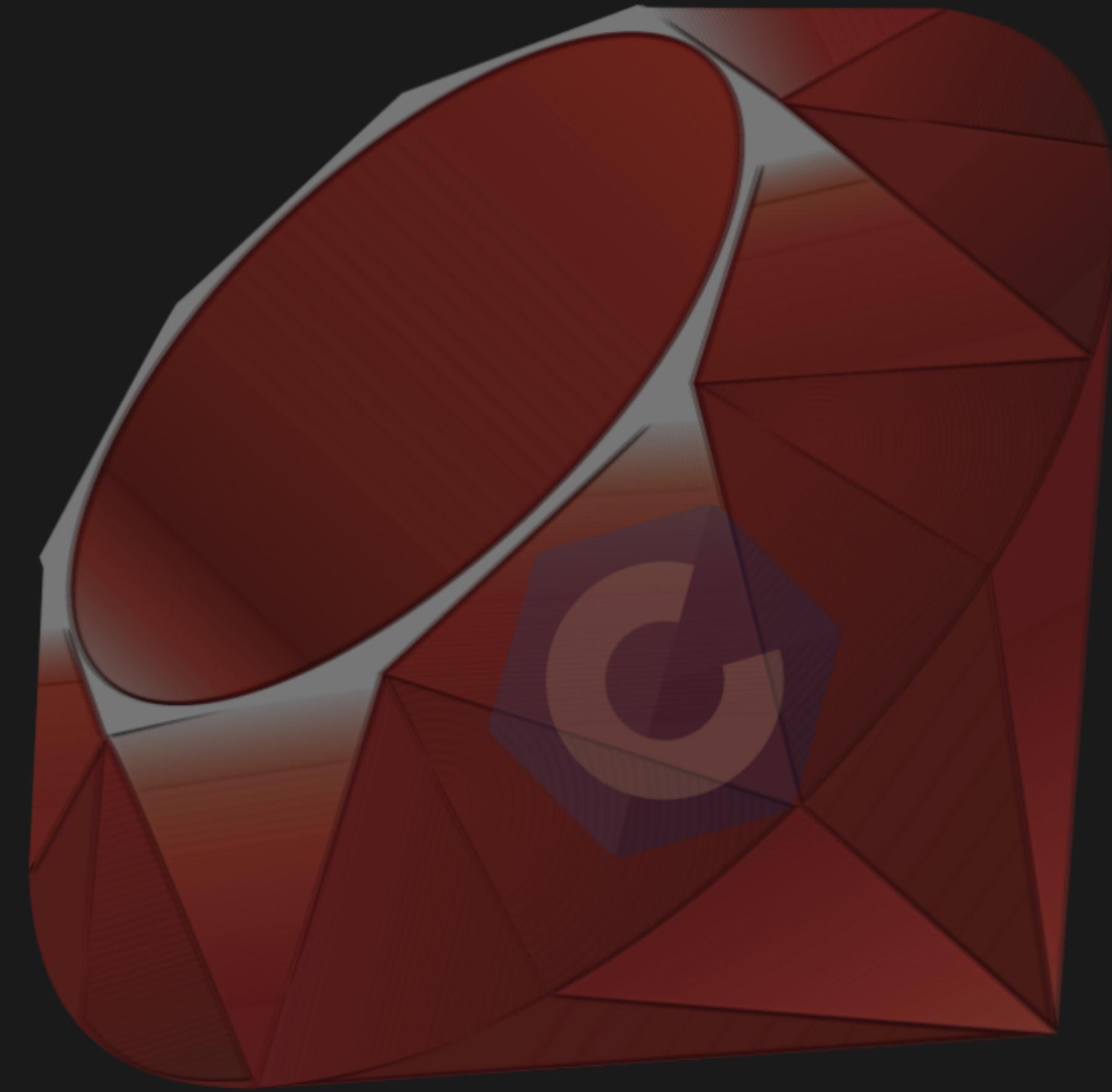




Ruby on Rails Doctrine

- 01. Optimize for programmer happiness
- 02. Convention over Configuration
- 03. The menu is omakase
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- 08. Progress over stability
- 09. Push up a big tent
- 10. Frameworks should be extracted not build





RUBY





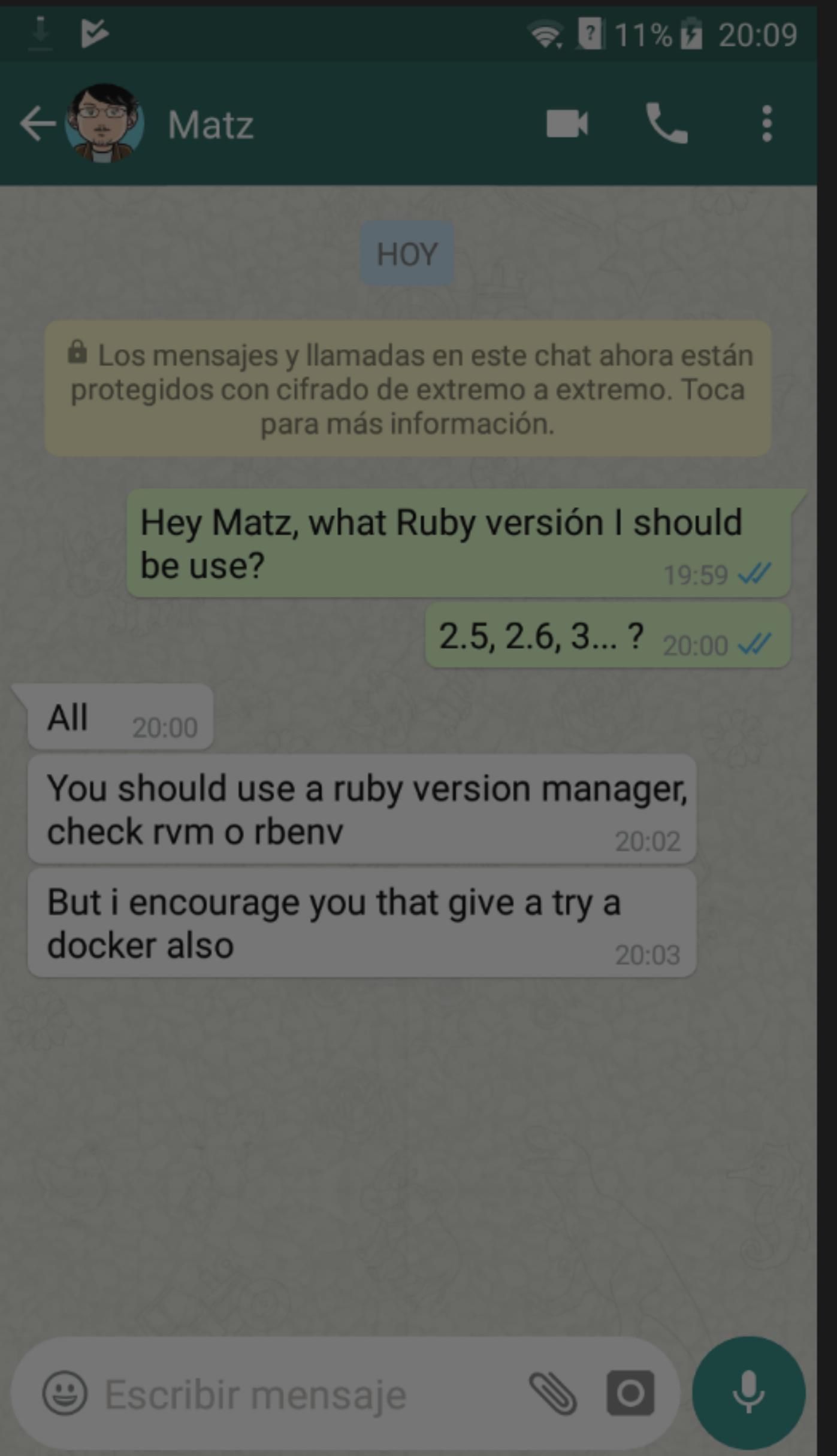
You can try ruby in your browser at with zero pain

<https://ruby.github.io/TryRuby/>



WHAT VERSION RUBY I SHOULD USE?





RBENV INSTALLATION...

```
# rbenv installation
git clone https://github.com/rbenv/rbenv.git ~/.rbenv
echo 'export PATH="$HOME/.rbenv/bin:$PATH"' >> ~/.bash_profile
~/.rbenv/bin/rbenv init

# verification
curl -fsSL https://github.com/rbenv/rbenv-installer/raw/master/bin/rbenv-doctor | bash
# rbenv upgrade
cd ~/.rbenv ; git pull

# plugins for
git clone https://github.com/rbenv/ruby-build.git "$(rbenv root)"/plugins/ruby-build
```



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TERMINAL SHOWTIME #1



LIBRARIES IN RUBY



ARE CALLED GEMS

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TERMINAL SHOWTIME #2



THE DEPENDENCIES IN RUBY ARE HANDLE WITH BUNDLER

Bundler

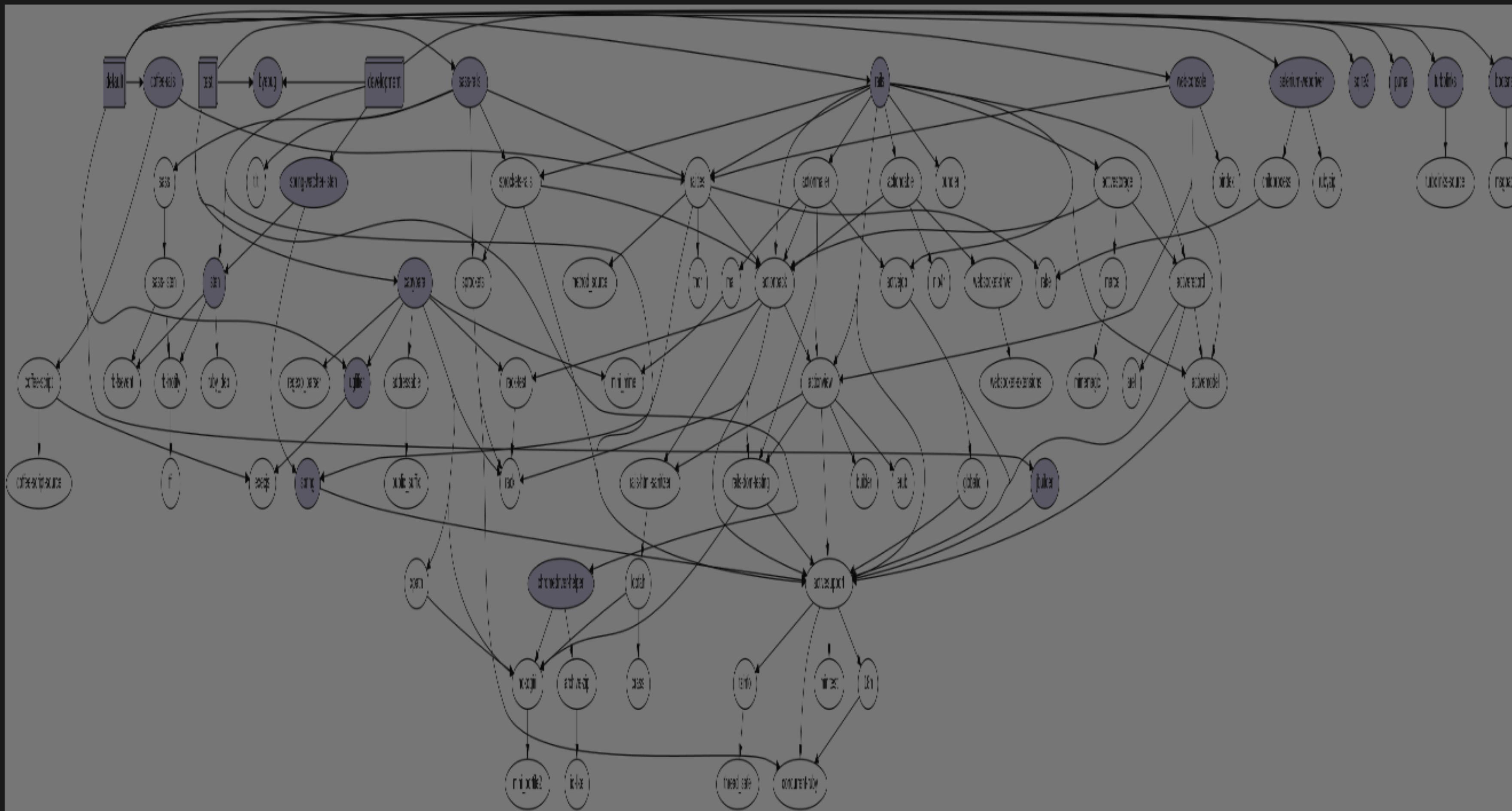


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TERMINAL SHOWTIME #3



DEPENDENCIES INTO RAILS PROJECT



They are legion

VERSIONS IN RUBY ON RAILS

SEMANTIC OF VERSIONING

- MAJOR.MINOR.PATCH.SECURITY_FIX
- x.y.z
- 5.2.2
- 5.2.2.1
- 6.0.0.beta1
- 6.0.0.beta2
- 6.0.0.beta3
- 6.0.0.rc1

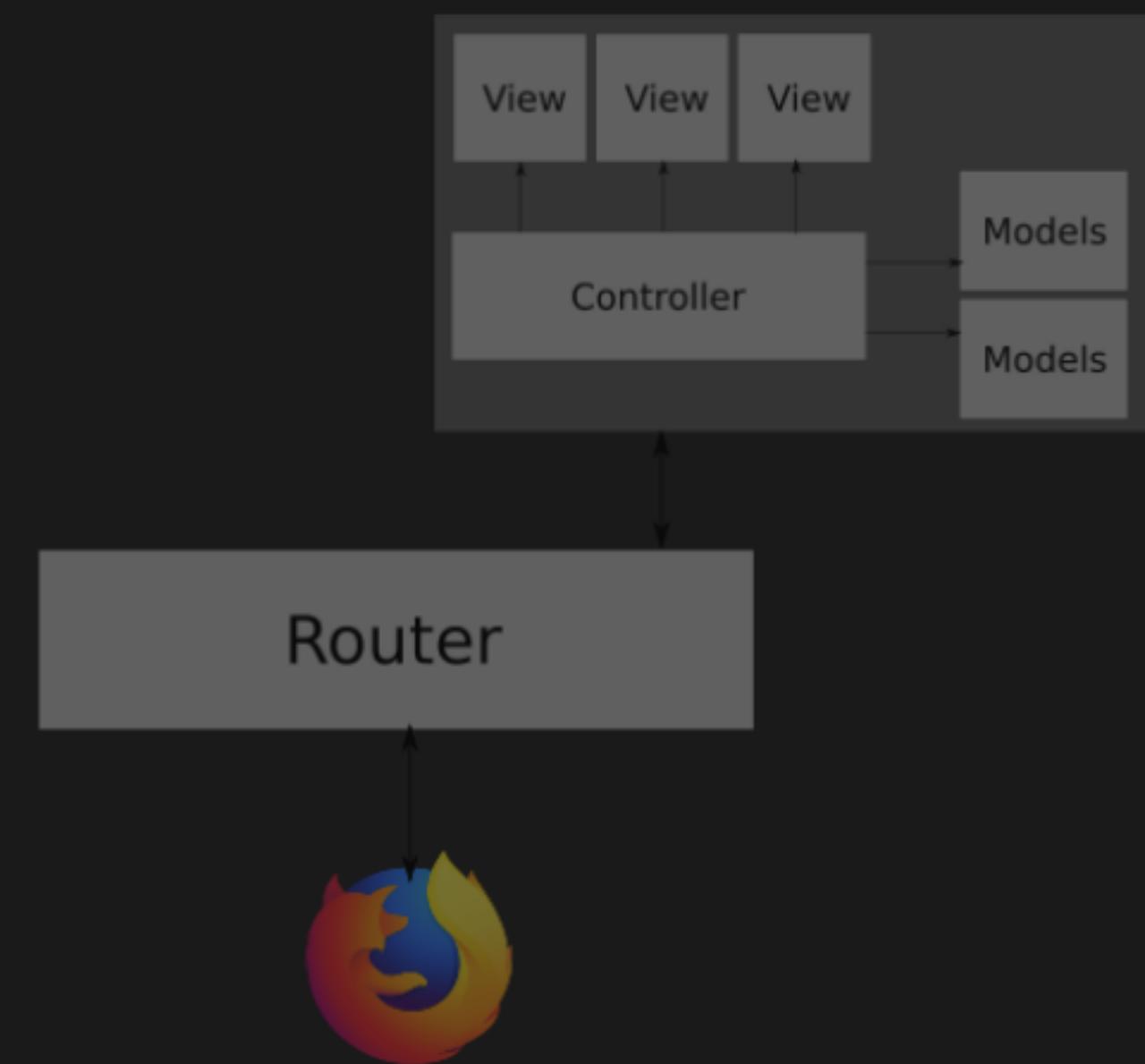
NEW PROJECT

```
rails new --help $project_name
rails new --api
rails new --database=sqlite|mysql|postgres
rails new --skip-test
rails new --skip-action-mailer --skip-active-record --skip-active-storage --skip-action-c
rails new --skip-coffee --skip-javascript --skip-turbolinks
rails new --webpack=react|vue|angular|elm|stimulus

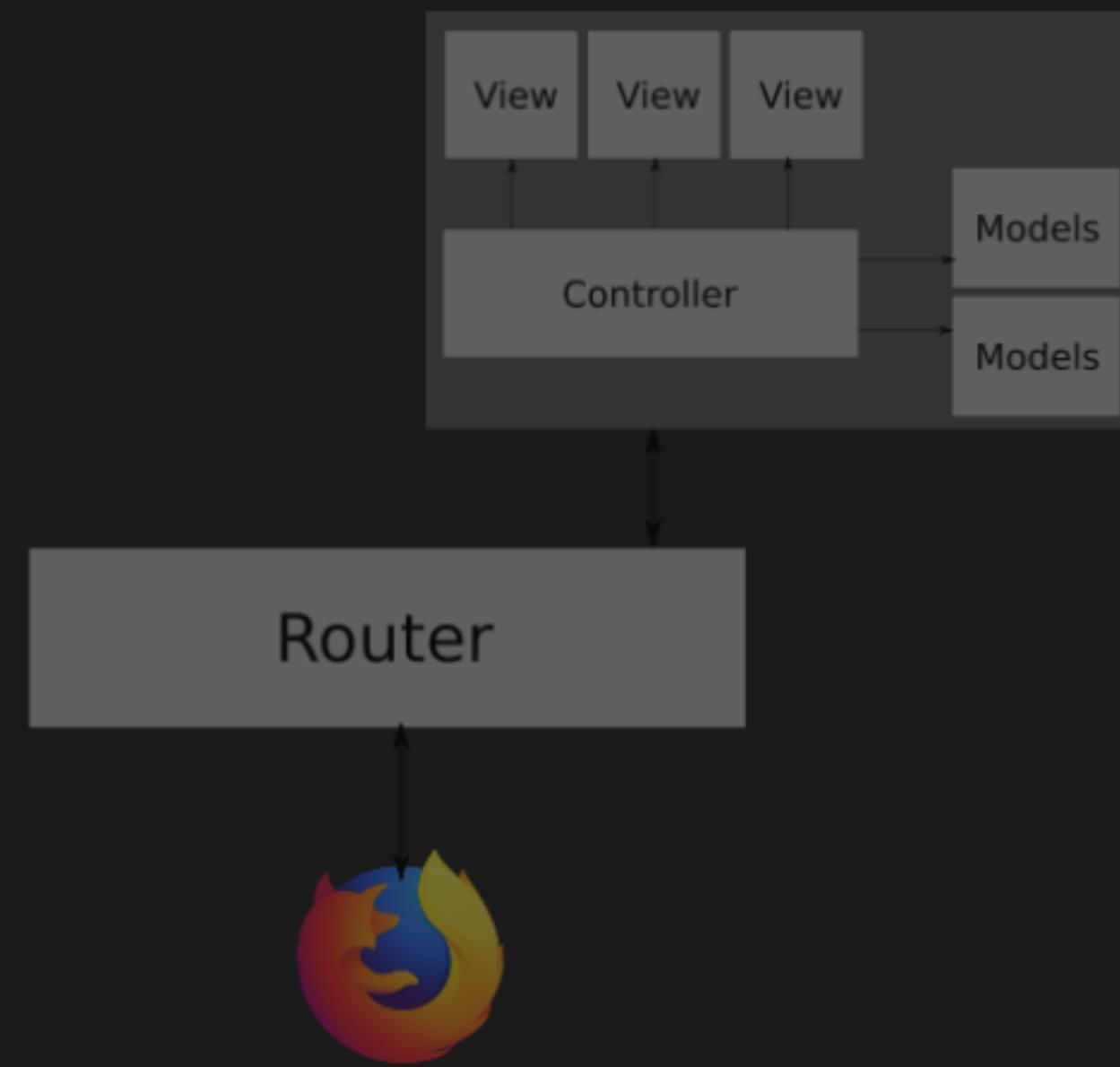
rails new --template=https://github.com/mattbrictson/rails-template/blob/master/template.
```

advance: see rails composer
<http://www.railscomposer.com/>

 RAILS is a MVC (model-view-controller)



Let's see the M



- ActiveRecord
- ActiveRecord Migration
- ActiveRecord Validations
- ActiveRecord Callbacks
- ActiveRecord Associations



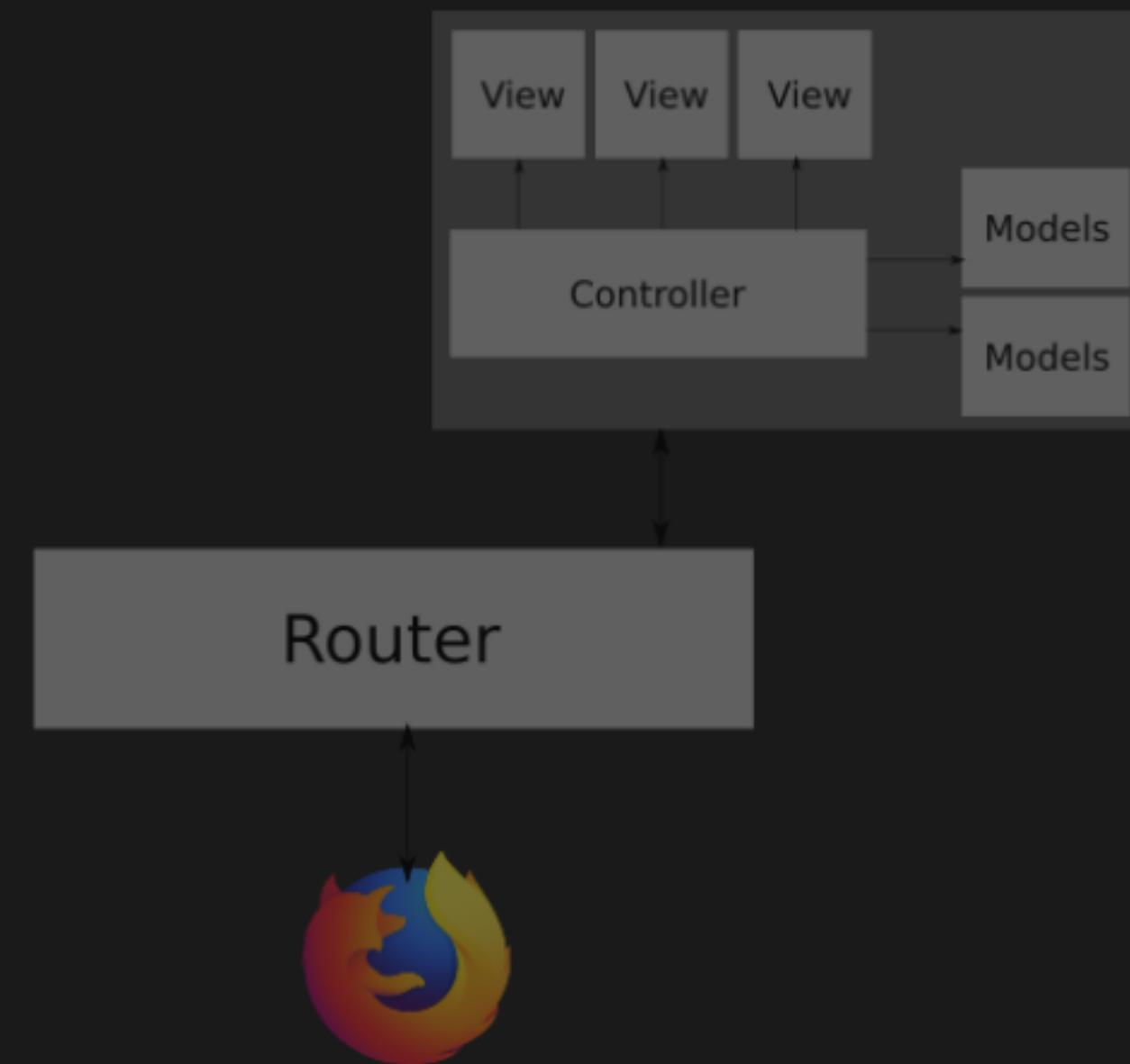
Let's see the V



- ActionView
- Partials
- ActionViewHelpers



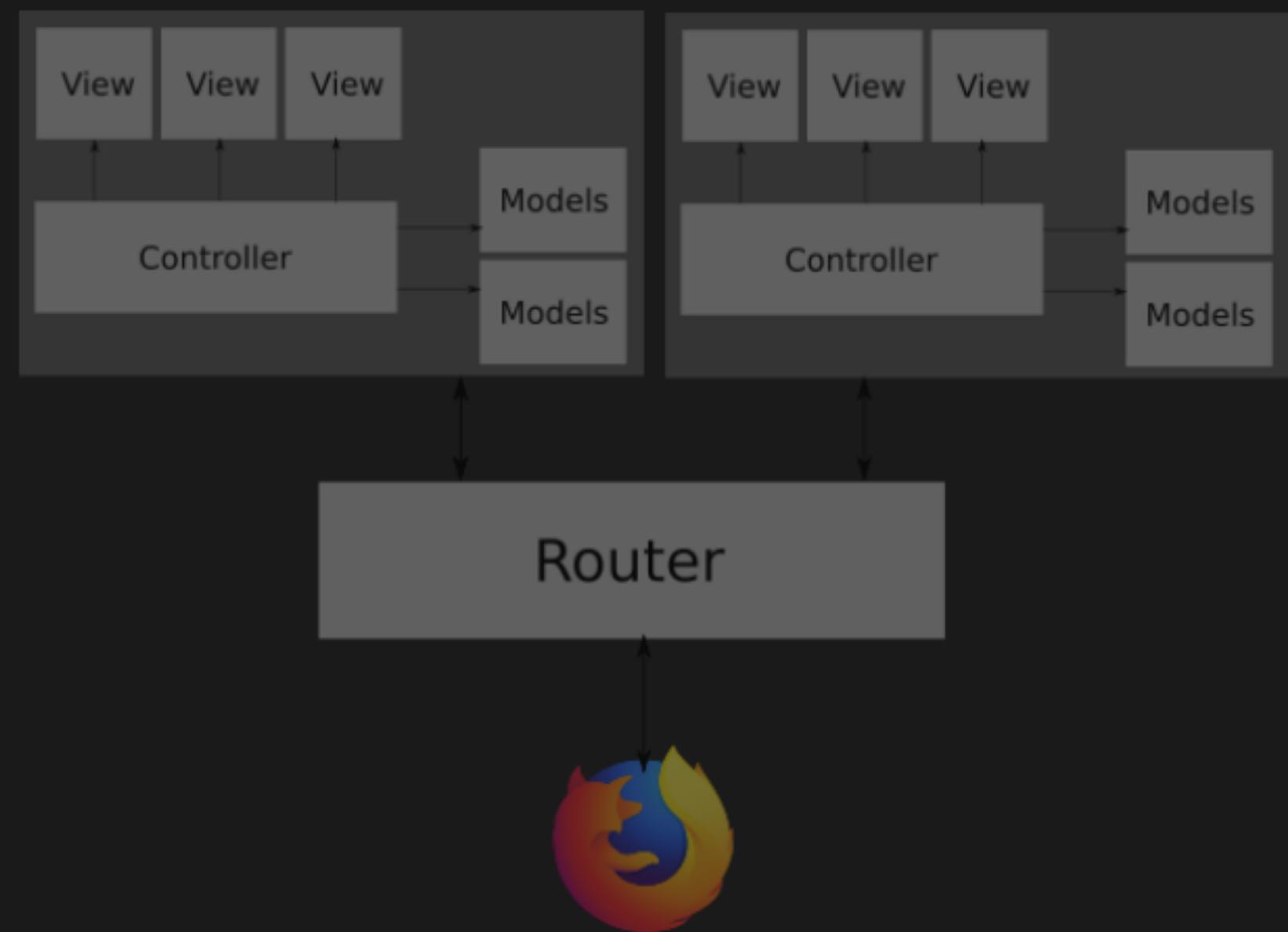
Let's see the C



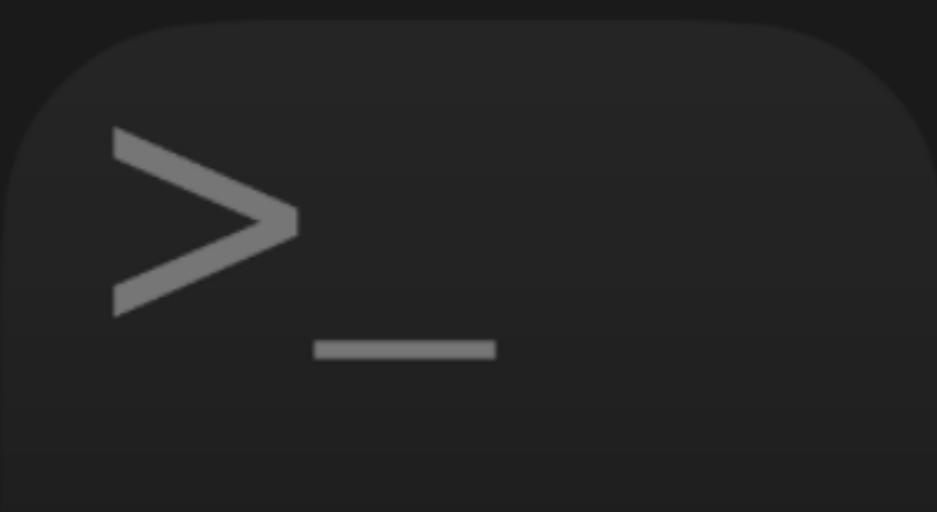
- ActionController
- ApplicationController



RAILS is a MVC (model-view-controller)



Let's put all the pieces together: Scaffolding



TERMINAL SHOWTIME #4



HEROKU TIME, DEPLOYMENT

<https://devcenter.heroku.com/>

<https://devcenter.heroku.com/articles/heroku-cli>



DEPLOY TIME!!



We pray to lord of the light,
because the deployment is dark and full of terrors





WHAT CONTENT WOULD BE MISSING IN THIS TALK?



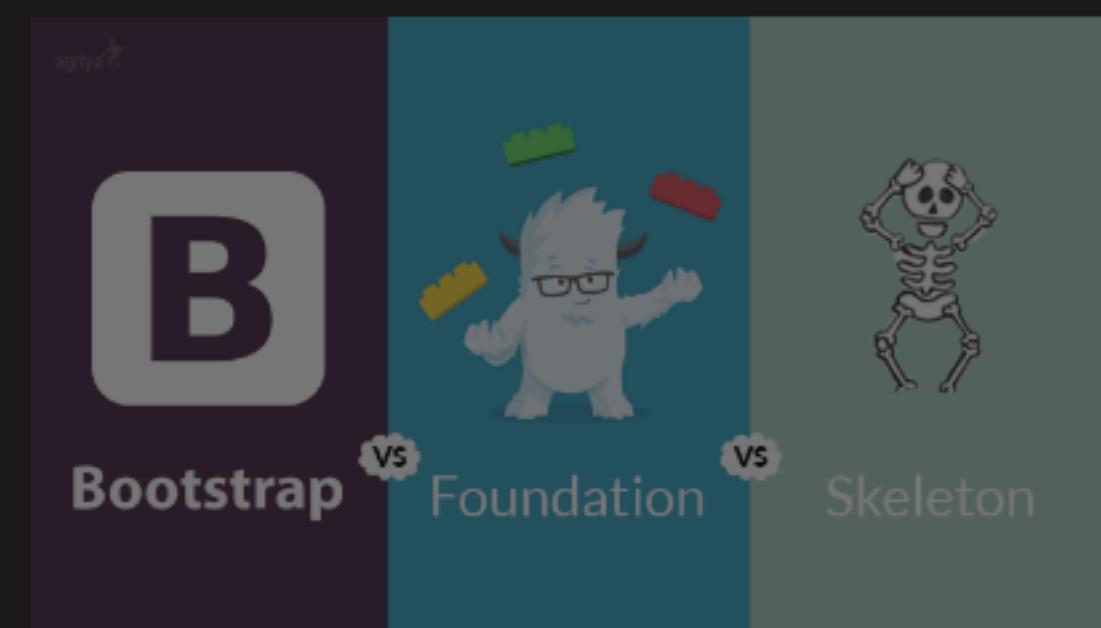
ASSETS PIPELINE

Rails can convert assets like img, js, css, scss...



FRONTEND JAVASCRIPT IN RAILS

Rails can use webpack through webpacker gem



CSS FRAMEWORKS IN RAILS



I18N (INTERNACIONALIZATION)



ACTIVEJOBS

Rails can run task in background



ACTIVE STORAGE

Rails can interact with popular cloud storage

`http://`

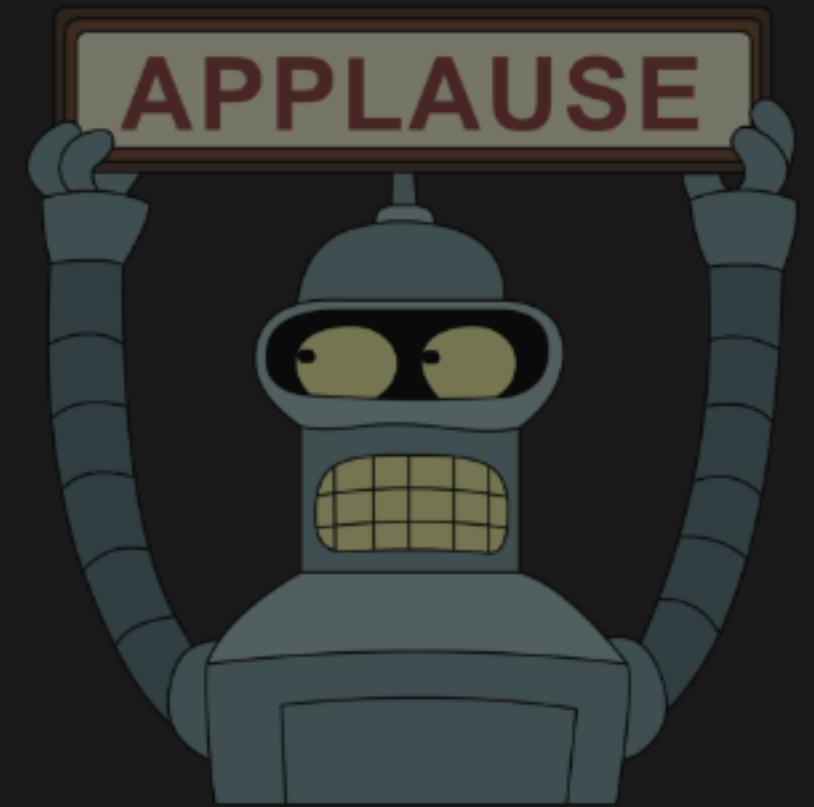


ACTIONCABLE

Rails can use websockets

AND MORE ADVANCE TOPICS

- Hot reloading (guard and livereload)
- Docker for Rails
- Gemology
- Rails Engines
- Testing, TDD in rails
- Auth



THANKS TO



Please visit
<https://andalucia.onruby.eu>

powered by docker, ruby, rails and reveal.js