

Ruby on Rails

Origin

Drive

Destination

Rails

Just enough stuff to make the creation of
database-backed web applications tolerable

Rails

Just enough stuff to make the creation of database-backed web applications **tolerable**

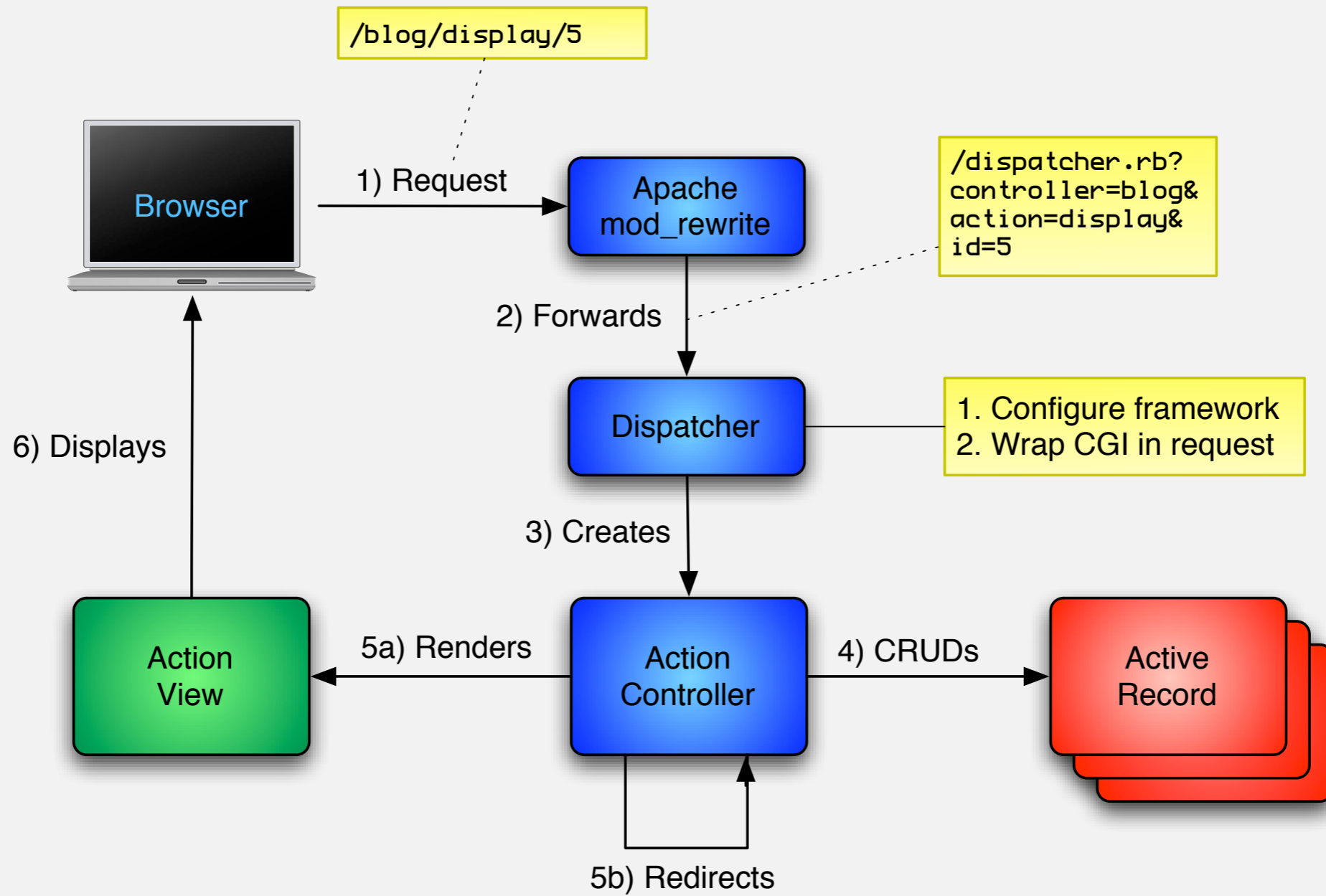
The Rails MVC

Active Record: Persistence framework

Action View: ERb-based template system

Action Controller: Control-flow framework

(Action Mailer)



Quick background

Competing forces

PHP for its immediacy

Java for its ivory towers

Opportunity of inexperience

The LaTeX syndrome

Idealism on a budget

Make the masses realize Ruby

The DJ

An artist of compositions

Pursue discount innovations

You can't be clever about all things all the time

Familiarity is not a bad word

Mantras

Less Software

Say no by default

Extract the essence of a good idea

Frameworks are retrospectives

They are not to be built but extracted

Convention over configuration

Adhere to Yesterday's Weather

But humor newcomers with the (appearance of) choice

database.yml

```
production:
  adapter: mysql
  database: rails_production
  host: localhost
  username: root
  password: secret

test:
  adapter: mysql
  database: rails_test
  host: localhost
  username: root
  password: secret
```

It's not just about
the software

Passion is infectious

The baseline of excitement

A comedy is funnier when other people laugh too

So, umh, Ruby on Rails is awesome. **Wow**. Really **wow**. Even if you have no interest in using it, watch the ten minute intro video. **Wow**. It really works just like the video. **Holy wow**.

Brian McCallister

Be compassionate

Embrace all disciples regardless of origin

Answer questions with options

Be there, stick around, share some laughs

Proud pieces

A shed to hang your tools

Recommended directory structure

Preconfigured logging

Stubs (and lots of 'em)

One word template layouts

Inspired by Tiles / SiteMesh

5% implementation for 80% gain

Environments

Interactive chats with the domain model

All the facilities available

Features almost here

Action Mailer

```
class ApplicationMailer < ActionMailer
  def self.deliver_rejections(advertisement, reason, sent_on = Time.now)
    deliver_rejection_for_advertiser(advertisement, reason, sent_on)
    deliver_rejection_for_publisher(advertisement, reason, sent_on)
  end

  def rejection_for_advertiser(advertisement, reason, sent_on = Time.now)
    @recipients = advertisement.advertiser.email_address
    @subject     = "Your ad was not approved to run on #{advertisement.site.name}"
    @from        = advertisement.site.publisher.email_address
    @sent_on     = sent_on
    @body        = { "advertisement" => advertisement, "reason" => reason }
  end

  def rejection_for_publisher(advertisement, reason, sent_on = Time.now)
    @recipients = advertisement.site.publisher.email_address
    @subject     = "You've REJECTED an ad on #{advertisement.site.name}"
    @from        = SYSTEM_EMAIL_ADDRESS
    @sent_on     = sent_on
    @body        = { "advertisement" => advertisement, "reason" => reason }
  end
end
```

Going OO on associations

project.find_in_milestones => project.milestones.find

post.build_to_comments => post.comments.build

By Florian Weber

ERb template caching

~100% performance increase

Using a (oh, the horror!) global hash

By Andreas Schwartz

Rails 1.0++

Before the end of 2004

Active Record is close...

Action Pack is getting it...

Rail Ties is still some of..

Action Mailer is just getting started...

Visual Identity

Working with Jon Hicks

The complete explanation

Videos, videos, videos

Real world applications

The Book

Variety in packaging

CherryPy style one-filers

A mine of GEMs

Natives

More evangelizing

“I'm planning to demo rails to Amazon next week”

Dave Thomas

Questions?

BTW, anyone want a copy of this?



TextMate: The Missing Editor

Code and markup brought into the 21st century

Three screenshots of the TextMate editor interface. The first shows a file outline on the left with a project structure. The second shows a code editor with syntax highlighting and a highlighted line. The third shows a snippets editor with a table snippet and a description of placeholder usage.

Manage the project
*using file outline, tabs, bookmarks,
project-wide searches, groups*

Cope with complexity
*using foldings, clipboard history,
syntax highlighting, reg exps*

Automate the tedious
*using macros, snippets, completion,
smart & column typing, shell runs*