

Rails Plugins used/created in registrano.com

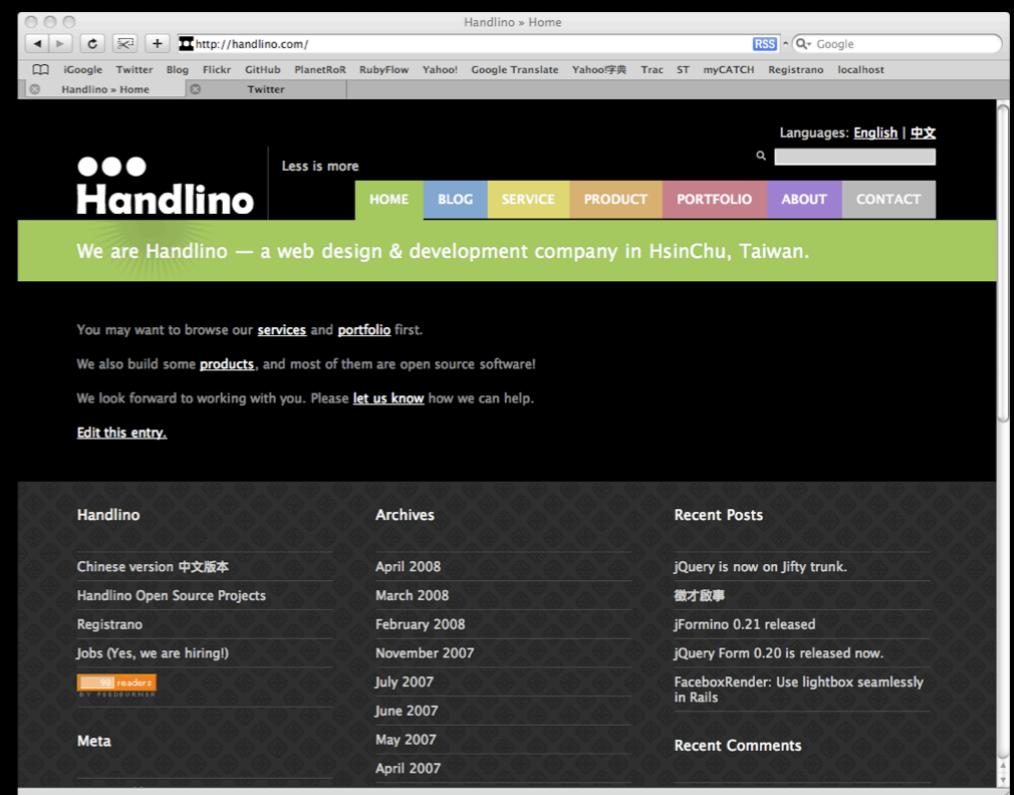
ihower@handlino.com

about me

- 張文鈞 (a.k.a ihower)
<http://ihower.idv.tw/blog/>



- 和多 Rails Developer
<http://handlino.com>



about me (cont.)

Registrano | Lobby

http://registrano.com/#start

Google

Registrano

登入或註冊

首頁

Registrano 是你的線上活動平台

研討會、講座、營隊、團購、大食團、徵人、連署、出遊、進香團或各種社群活動.....你每次要舉辦活動的時候，都在煩惱怎麼製作活動網站、處理報名事宜嗎？在 Registrano 建立活動是如此簡單，一切都可以在彈指之間輕鬆完成。► [彈指之間的功能](#)

特色 Features



建立彈性十足的線上報名表單

Create flexible online registration forms

您可以簡單點擊幾下滑鼠，選取預設的表單欄位，彈指之間就完成您的線上報名表單。找不到您想要的欄位嗎？我們也提供進階的自訂表單欄位功能，既輕鬆又方便，滿足您的需求。





活動啟用點數

一點 \$800 / 五點 \$3600



活動費用代收

ATM手續費：每位 \$25
信用卡手續費：每位 5% + \$10

參閱範例

建立新活動



免費的基本服務

最高人數上限30人

所有基本功能都是免費的，我們也不會在你的活動頁面放置任何廣告連結。如果你要舉辦超過30人的活動，請考慮我們的► [尊榮方案](#)

近來熱門活動

[《網頁親和力》助寫贊助暨初回限定版預購](#) on 2008-03-31

[98學年度第2屆班聚](#) on 2008-08-08

[Registrano COSCUP年中慶抽獎活動](#) on 2008-08-23

[COSCUP 2008](#) on 2008-08-23

[Handilino COSCUP 2008街頭人像畫活動](#) on 2008-08-23

[Dearest,我們一起參與「2008 UbiSunrise Global Green World」第十三次聚會](#) on 2008-08-24

[高鐵營隊 七小風城遊](#) on 2008-08-27

[2008八月份 SA@Tainan PHP 程式設計 - 初階資訊安全\(8/30\)](#) on 2008-08-30

[SV熱血衝一發花蓮兩天一夜](#) on 2008-09-06

Ruby on Rails

- an open-source web framework for developing
database-backed web applications

不可或缺的 Rails Plugin

不可能包山包海的 open-source framework

agenda

您不可不知道的超好用 plugins 大公開：

- 認證篇 / Model 篇 / Controller&View 篇
- Mash-up 篇 / 開發工具篇 / 上線篇 / 測試篇

熟悉常用的 plugins 跟熟悉 core 一樣重要

I. 認證篇

authentication

restful-authentication

```
./script/generate authenticated user sessions --include-activation
```

- 使用者註冊/登入/登出
- User model
- RESTful Session controller
- Activation mailer

open_id_authentication

- 支援 OpenID 登入
- openid session controller
- openid migration

openid_pack

- restful_authentication + open_id_authentication
同時支援用戶註冊或使用 OpenID 登入
- 和多出品

2. Model 篇

ActiveRecord

attachment_fu

```
has_attachment :storage => :file_system, :path_prefix => 'public/files',  
                 :content_type => :image, :resize_to => [50,50]
```

- 將 model 當做一個檔案附件
- 支援 File system / amazon S3 / Database store

acts_as_tree

- 裝作一棵樹

```
class Category < ActiveRecord::Base
  acts_as_tree :order => "name"
end

root      = Category.create("name" => "root")
child1    = root.children.create("name" => "child1")
subchild1 = child1.children.create("name" => "subchild1")

root.parent # => nil
child1.parent # => root
root.children # => [child1]
root.children.first.children.first # => subchild1
```

acts_as_list

- 裝作列表

```
class TodoList < ActiveRecord::Base
  has_many :todo_items, :order => "position"
end

class TodoItem < ActiveRecord::Base
  belongs_to :todo_list
  acts_as_list :scope => :todo_list
end

todo_list.first.move_to_bottom
todo_list.last.move_higher
```

acts_as_taggable_on_steroids

- 裝作有標籤 tagging 功能

```
class Post < ActiveRecord::Base
  acts_as_taggable
end
```

```
p = Post.find(:first)
p.tag_list # []
p.tag_list = "Funny, Silly"
p.save
p.tag_list # ["Funny", "Silly"]

p.tag_list.add("Great", "Awful")
p.tag_list.remove("Funny")
```

acts_as_state_machine

- 裝作有限狀態機(FSM)

```
class Order < ActiveRecord::Base
  acts_as_state_machine :initial => :opened

  state :opened
  state :closed, :enter => Proc.new {lol Mailer.send_notice(o)}

  event :close do
    transitions :to => :closed, :from => :opened
  end

end

o = Order.create
o.close! # notice is sent by mailer
o.return!
```

acts_as_state_pattern

- 裝作會狀態範式，讓物件的行為隨著狀態的改變而改變
- 和多出品

```
class Event < ActiveRecord::Base  
  
  acts_as_state [:foo,:bar]  
  
  module Foo  
    def blah  
      'foo'  
    end  
  end  
  
  module Bar  
    def blah  
      'bar'  
    end  
  end  
  
end
```

```
event.foo? # true or false  
event.bar?
```

```
event.foo!  
event.blah # 'foo'
```

```
event.bar!  
event.blah # 'bar'
```

```
event.current_state
```

acts_as_paranoid

- 裝作好像有刪除

```
class Widget < ActiveRecord::Base
  acts_as_paranoid
end
```

```
Widget.find(:all)
# SELECT * FROM widgets WHERE widgets.deleted_at IS NULL

Widget.find(:all, :with_deleted => true)
# SELECT * FROM widgets

Widget.count
# SELECT COUNT(*) FROM widgets WHERE widgets.deleted_at IS NULL

@widget.destroy
# UPDATE widgets SET deleted_at = '2005-09-17 17:46:36' WHERE id = 1

@widget.destroy!
# DELETE FROM widgets WHERE id = 1
```

validates_email_veracity_of

```
class User < ActiveRecord::Base
  validates_email_veracity_of :email
end
```

- 驗證 E-mail address
 - 1. 正規表示法 address =~ /\A([^\@\s]+)@((?:[-a-z0-9]+\.)+[a-z]{2,})\Z/i
 - 2. 檢查 MX domain , 可設定白名單

validates_url_of

```
class Foo < ActiveRecord::Base
  validates_url_of :url, :message => 'is not valid or not responding'.
end
```

- 加上 http:// 如果資料缺少 http:// 或 https://
- 使用正規表示法檢查格式
- 和多出品

3. Controller&View 篇

ActionPack

will_paginate

- 分頁必備，包含 HTML helper 及 CSS style

```
@posts = Post.paginate :page => params[:page], :per_page => 50
```

```
<ol>
  <% for post in @posts -%>
    <li>Render `post` in some nice way.</li>
  <% end -%>
</ol>

<%= will_paginate @posts %>
```

will_paginate (cont.)

- 附贈 named_scope，如果你還沒升級到 Rails 2.1

```
class Product < ActiveRecord::Base  
  
  named_scope :cheap, :conditions => { :price => 0..5 }  
  named_scope :recent, lambda { |*args| { :conditions => ["released_at > ?", (args.first || 2.weeks.ago)] } }  
  named_scope :visible, :include => :category, :conditions => { 'categories.hidden' => false }  
  
end
```

- 人人都愛的串接寫法

```
@products = Product.recent.cheap.paginate :page => params[:page], :per_page => 50
```

jRails

- 我們都愛 jQuery
byebye! Prototype.js



jRails – jQuery on Rails

http://ennerchi.com/projects/jrails

jRails – jQuery on Rails

iGoogle Twitter Blog Flickr GitHub PlanetRoR RubyFlow Yahoo! Google Translate Yahoo!字典 Trac ST myCATCH Registrano localhost

Gmail – Inbox – ihower... Twitter jRails – jQuery on Rails

jRails

jQuery on Rails

Intro

jRails is a drop-in jQuery replacement for Prototype/script.aculo.us on Rails. Using jRails, you can get all of the same default Rails helpers for javascript functionality using the lighter jQuery library.

News

jRails 0.3 : jQuery Enchant!

This release gets all of the most recent changes and updates to the jquery Enchant and jquery UI libraries. I wrote most of the core effects that will ultimately become part of the new jQuery Enchant effect library and these put jquery on par with scriptaculous effects. This release includes some additional fixes and updates to RJS. Next release will include jQuery.noConflict!

Features

jRails provides drop-in functionality for these existing Rails methods.

Prototype	Scriptaculous	RJS
↳ form_remote_for	↳ draggable_element	↳ hide
↳ form_remote_tag	↳ drop_receiving_element	↳ insert_html
↳ link_to_remote	↳ sortable_element	↳ remove
↳ observe_field	↳ visual_effect	↳ replace

To report a bug or feature, please use the project site. Thanks!

facebox_render

- Facebox is a JQuery-based lightbox
<http://famspam.com/facebox/>



facebox_render (cont.)

- 無縫銜接 facebox，和多出品

```
class ApplicationController < ActionController::Base
  include FaceboxRender
end
```

facebox_render (cont.)

- 無縫銜接 facebox，和多出品

```
class ApplicationController < ActionController::Base
  include FaceboxRender
end
```

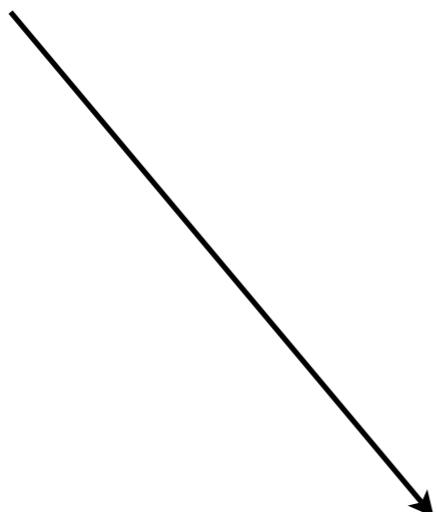
```
<%= facebox_link_to "Login", :url => new_session_url %>
```

facebox_render (cont.)

- 無縫銜接 facebox，和多出品

```
class ApplicationController < ActionController::Base
  include FaceboxRender
end
```

```
<%= facebox_link_to "Login", :url => new_session_url %>
```



facebox_render (cont.)

- 無縫銜接 facebox，和多出品

```
class ApplicationController < ActionController::Base
  include FaceboxRender
end
```

```
<%= facebox_link_to "Login", :url => new_session_url %>
```

```
def new
  # do some thing you want
  respond_to do |format|
    format.html
    format.js { render_facebox }
  end
end
```

facebox_render (cont.)

- 無縫銜接 facebox，和多出品

```
class ApplicationController < ActionController::Base
  include FaceboxRender
end
```

```
<%= facebox_link_to "Login", :url => new_session_url %>
```

```
def new
  # do some thing you want
  respond_to do |format|
    format.html
    format.js { render_facebox }
  end
end
```

Registrano

你的活動平台

[Hi, Admin](#) ([settings](#)) [Logout?](#)
[Home](#) [Hosting Events](#) [Attending Events](#) [My Groups](#) [Admin](#)
[Hosting Events > Java Conference > View Attendees](#)

Java Conference

[Dashboard](#) [View Attendees](#) [View Cancelled Attendees](#) [Reports](#) [Integration](#)
 [Create new attendee](#)
 [E-Mail to attendees](#)

Batch Action: [Mail](#) [Batch](#)
[20](#) records per page , sorted by [Register time](#) [Submit](#)

all / none	Reg No.	Name	E-Mail	Cellphone	Register Time	Status	Action
<input checked="" type="checkbox"/>	26	wilbur	wilbur@registrano.com		2008/06/08 4:34 PM		Show Edit Remove
<input checked="" type="checkbox"/>	25	webster	webster@registrano.com		2008/06/05 4:34 PM		Show Edit Remove
<input type="checkbox"/>	24	wayne	wayne@registrano.com		2008/06/04 4:34 PM		Show Edit Remove
<input type="checkbox"/>	23	wade	wade@registrano.com		2008/05/29 4:34 PM		Show Edit Remove
<input type="checkbox"/>	22	william	william@registrano.com		2008/05/27 4:34 PM		Show Edit Remove
<input type="checkbox"/>	21	warren	warren@registrano.com		2008/05/25 4:34 PM		Show Edit Remove
<input type="checkbox"/>	20	thomas	thomas@registrano.com		2008/05/17 4:34 PM	Approved	Show Edit Remove
<input type="checkbox"/>	19	tom	tom@registrano.com		2008/05/16 4:34 PM	Approved	Show Edit Remove
<input type="checkbox"/>	18	stuart	stuart@registrano.com		2008/05/11 4:34 PM	Approved	Show Edit Remove
<input type="checkbox"/>	17	rex	rex@registrano.com		2008/04/22 4:34 PM	Approved	Show Edit Remove
<input type="checkbox"/>	16	randy	randy@registrano.com		2008/04/21 4:34 PM	Approved	Show Edit Remove
<input type="checkbox"/>	15	patrick	patrick@registrano.com		2008/04/18 4:34 PM	Approved	Show Edit Remove
<input type="checkbox"/>	14	oliver	oliver@registrano.com		2008/04/15 4:34 PM	Approved	Show Edit Remove
<input type="checkbox"/>	13	ken	ken@registrano.com		2008/03/31 4:34 PM	Approved	Show Edit Remove

Ajax form submit

Registrano

你的活動平台

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[Home](#) [Hosting Events](#) [Attending Events](#) [My Groups](#) [Admin](#)
[Hosting Events > Java Conference > View Attendees](#)

Java Conference

[Dashboard](#) [View Attendees](#) [View Cancelled Attendees](#) [Reports](#) [Integration](#)
 [Create new attendee](#)
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Batch Action: [Mail](#) [Batch](#)

20 records per page, sorted by Register time [Submit](#)

Ajax form submit

all / none	Reg No.	Name	E-Mail	Cellphone	Register Time	Status	Action
<input checked="" type="checkbox"/>	26	wilbur	wilbur@registrano.com		2008/06/08 4:34 PM		Show Edit Remove
<input checked="" type="checkbox"/>	25	webster	webster@registrano.com		2008/06/05 4:34 PM		Show Edit Remove
<input type="checkbox"/>	24	wayne	wayne@registrano.com		2008/06/04 4:34 PM		Show Edit Remove
<input type="checkbox"/>	23	wade	wade@registrano.com		2008/05/29 4:34 PM		Show Edit Remove
<input type="checkbox"/>	22	william	william@registrano.com		2008/05/27 4:34 PM		Show Edit Remove
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<input type="checkbox"/>	17	rex	rex@registrano.com		2008/04/22 4:34 PM	Approved	Show Edit Remove
<input type="checkbox"/>	16	randy	randy@registrano.com		2008/04/21 4:34 PM	Approved	Show Edit Remove
<input type="checkbox"/>	15	patrick	patrick@registrano.com		2008/04/18 4:34 PM	Approved	Show Edit Remove
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<input type="checkbox"/>	13	ken	ken@registrano.com		2008/03/31 4:34 PM	Approved	Show Edit Remove

Registrano

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Hosting Events > Java Conference > View Attendees

Java Conference

[Dashboard](#)[View Attendees](#)[View Cancelled Attendees](#)[Reports](#)[Integration](#)[Create new attendee](#)[E-Mail to attendees](#)

Batch Action:

records per page , sorted by

Register time

all / none

Reg

<% form_remote_tag :url => batch_event_attendees_path(@event) do %>

<input checked="" type="checkbox"/>	26	wilbur	wilbur@registrano.com		2008/06/08 4:34 PM	Show Edit Remove
<input checked="" type="checkbox"/>	25	webster	webster@registrano.com		2008/06/05 4:34 PM	Show Edit Remove
<input type="checkbox"/>	24	wayne	wayne@registrano.com		2008/06/04 4:34 PM	Show Edit Remove
<input type="checkbox"/>	23	wade	wade@registrano.com		2008/05/29 4:34 PM	Show Edit Remove
<input type="checkbox"/>	22	william	william@registrano.com		2008/05/27 4:34 PM	Show Edit Remove
<input type="checkbox"/>	21	warren	warren@registrano.com		2008/05/25 4:34 PM	Show Edit Remove
<input type="checkbox"/>	20	thomas	thomas@registrano.com		2008/05/17 4:34 PM	Approved Show Edit Remove
<input type="checkbox"/>	19	tom	tom@registrano.com		2008/05/16 4:34 PM	Approved Show Edit Remove
<input type="checkbox"/>	18	stuart	stuart@registrano.com		2008/05/11 4:34 PM	Approved Show Edit Remove
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Ajax form submit

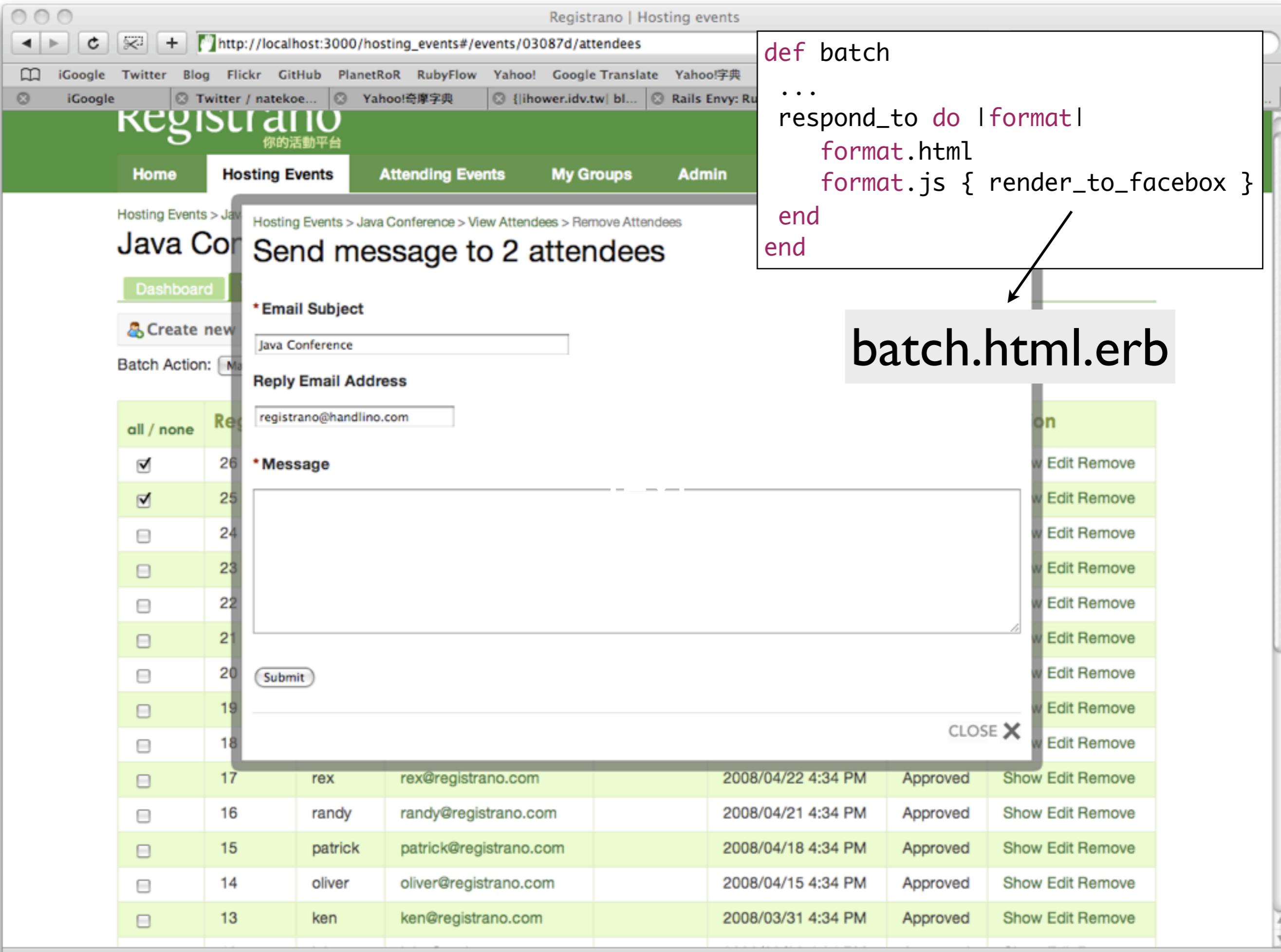
```
def batch
...
respond_to do |format|
  format.html
  format.js { render_to_facebox }
end
end
```

```
def batch
...
respond_to do |format|
  format.html
  format.js { render_to_facebox }
end
end
```



```
def batch
...
respond_to do |format|
  format.html
  format.js { render_to_facebox }
end
end
```

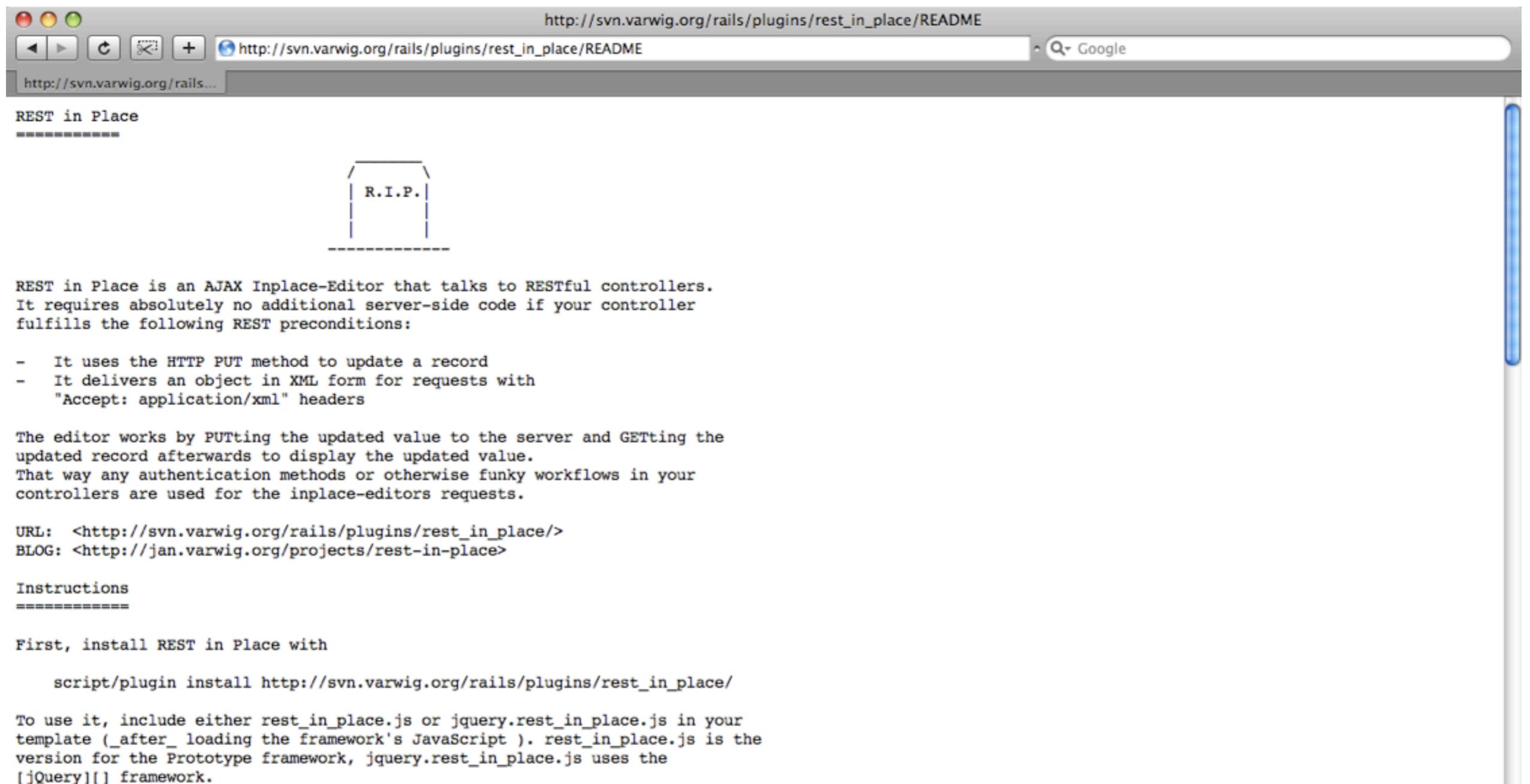
batch.html.erb



```
def batch
  ...
  respond_to do |format|
    format.html
    format.js { render_to_facebox }
  end
end
```

rest_in_place

- jQuery 版的 RESTful Inplace Editor



The screenshot shows a web browser window with the URL http://svn.varwig.org/rails/plugins/rest_in_place/README in the address bar. The page content is as follows:

REST in Place
=====

R.I.P.

REST in Place is an AJAX Inplace-Editor that talks to RESTful controllers. It requires absolutely no additional server-side code if your controller fulfills the following REST preconditions:

- It uses the HTTP PUT method to update a record
- It delivers an object in XML form for requests with "Accept: application/xml" headers

The editor works by PUTting the updated value to the server and GETting the updated record afterwards to display the updated value. That way any authentication methods or otherwise funky workflows in your controllers are used for the inplace-editors requests.

URL: <http://svn.varwig.org/rails/plugins/rest_in_place/>
BLOG: <<http://jan.varwig.org/projects/rest-in-place>>

Instructions
=====

First, install REST in Place with

```
script/plugin install http://svn.varwig.org/rails/plugins/rest_in_place/
```

To use it, include either `rest_in_place.js` or `jquery.rest_in_place.js` in your template (_after_ loading the framework's JavaScript). `rest_in_place.js` is the version for the Prototype framework, `jquery.rest_in_place.js` uses the [jQuery] framework.

stickies

- 強化版的 flash[:notice] 提示訊息
- 四種不同種類的訊息提示，包含 CSS style 及 Javascript close按鈕。

```
error_stickie("Your account has been disabled")
warning_stickie("Your account will expire in 3 days")
notice_stickie("Account activated")
debug_stickie("This only works when RAILS_ENV is development")
```

The screenshot shows a green header bar with the logo "Registrano" and the tagline "你的活動平台". On the right, it displays a user profile with the name "ihower" and a link to "設定 / 0點數". Below the header is a navigation bar with links: 首頁, 舉辦活動列表 (highlighted in red), 參與活動列表, 我的群組, and 管理介面. A red callout box contains the code "<%= render_stickies %>". At the bottom left, there is a green button labeled "設定已更新" with a checkmark icon. The main content area shows a breadcrumb path "舉辦活動列表 > Registrano COSCUP年中慶抽獎活動" and the title "Registrano COSCUP年中慶抽獎活動 和多 Handlino". To the right of the title are three buttons: a red "刪除" button with a minus sign, a green "複製" button with a copy icon, and a blue "瀏覽活動" button with a magnifying glass icon.

googlecharts

- 提供 google charts helper

```
Gchart.line(:data => [0, 40, 10, 70, 20])
Gchart.bar(:data => [300, 100, 30, 200])
Gchart.pie(:data => [20, 35, 45])
Gchart.pie_3d(:data => [20, 35, 45])
Gchart.venn(:data => [100, 80, 60, 30, 30, 30, 10])
....
```

The screenshot shows a web browser window with the title "Googlecharts". The address bar contains the URL <http://googlecharts.rubyforge.org/>. The page content includes:

- # Googlecharts
- ‘Sexy Charts using Google API & Ruby’
- ## What
- A nice and simple wrapper for [Google Chart API](#) (Fully tested using RSpec, check the specs for more usage examples)
- ## Installing
- This project is now hosted at [GitHub](#) If you never added [GitHub](#) as a gem source, you will need to do the following:
- ```
$ gem sources -a http://gems.github.com/
```
- (you only need to do this once)
- ```
$ sudo gem install mattetti-googlecharts
```

On the right side of the page, there is a blue button with white text that says "Get Version 1.3.4".

liquid

- 樣本(template)引擎，就像PHP的 Smarty

```
<ul id="products">
  {% for product in products %}
    <li>
      <h2>{{product.name}}</h2>
      Only {{product.price | price }}

      {{product.description | prettyprint | paragraph }}
    </li>
  {% endfor %}
</ul>
```

```
@template = Liquid::Template.parse("hi {{name}}") # Parses and compiles the template
@template.render( 'name' => 'tobi' )           # => "hi tobi"
```

SPAkit

- 輕鬆轉換現有的網頁成為 single page application (SPA)
- 所有的操作皆為 Ajax request，不 reload 頁面。
- 和多出品

```
<%= spakit_link_to 'new person', :url => new_person_path %>
```

```
<%= spakit_form_for @person, :url => people_path %>
```

ssl_requirement

- 自動 redirect 到 HTTPS or HTTP

```
class AccountController < ApplicationController
  include SslRequirement

  ssl_required :signup, :payment
  ssl_allowed :index
end
```

一定要 HTTPS

HTTPS 或 HTTP 皆可

globalize

- 處理多國語系
- 翻譯資料存在Database，方便後台直接修改
- 支援兩種語法：
`_("hello world!")` 或 `"hello world".t`

```
Locale.set("zh-TW")  
  
<%= "Thanks for ordering!".t %> -> "感謝您的訂購"  
<%= "You've got %d items in your cart" / 5 %> "您的購物車有五項物品"
```

BTW, 九月即將推出的 Rails 2.2 內建多語系支援

4. Mash up 篇

ym4r_gm

- Google Map on Rails

```
def index
  @map = GMap.new("map_div")
  @map.control_init(:large_map => true, :map_type => true)
  @map.center_zoom_init([75.5, -42.56], 4)
  @map.overlay_init(GMarker.new([75.6, -42.467], :title => "Hello", :info_window => "Info! Info!"))
end
```



```
<%= GMap.header %>
<%= @map.to_html %>
</head><body>
<%= @map.div(:width => 600, :height => 400) %>
```



recaptcha

```
respond_to do |format|
  if verify_recaptcha(@post) && @post.save
    # ...
  else
    # ...
  end
end
```

The screenshot shows a web browser window with multiple tabs open. The active tab displays a sample Rails application code snippet:

```
respond_to do |format|
  if verify_recaptcha(@post) && @post.save
    # ...
  else
    # ...
  end
end
```

The browser's address bar shows the URL <http://recaptcha.net/>. The page content includes the reCAPTCHA logo and navigation links:

- WHAT IS reCAPTCHA
- GET reCAPTCHA
- PROTECT YOUR EMAIL
- MY ACCOUNT
- RESOURCES

The main text on the page reads:

reCAPTCHA IS A FREE
ANTI-BOT SERVICE THAT
HELPS DIGITIZE BOOKS.

A red arrow points from the "WHAT IS reCAPTCHA" link to a reCAPTCHA challenge interface. The challenge shows two distorted words: "padding" and "upor". Below the words is a text input field labeled "Type the two words:" with a placeholder "Type the two words:". To the right of the input field is a reCAPTCHA logo with the text "stop spam. read books.".

Below the challenge interface, there are additional links and buttons:

- LEARN HOW reCAPTCHA WORKS
- USE reCAPTCHA ON YOUR SITE
- STRONG SECURITY
- ACCESSIBLE TO BLIND USERS

active_merchant

- 刷卡 payment abstraction library.
a paypal example:

```
class PaymentsController < Business::BusinessController
  include ActiveMerchant::Billing::Integrations

  def paypal_ipn
    notify = Paypal::Notification.new(request.raw_post)

    if notify.acknowledge
      if notify.complete?
        ....
      else
        ....
      end

      render :nothing => true
    end
  end
```

5. 開發工具篇

development

factory_girl

- 製造假資料的工廠
- 因為這些資料也需要符合 Model validation

定義工廠

```
# This will guess the User class
Factory.define :user do |u|
  u.first_name 'John'
  u.last_name  'Doe'
  u.admin false
end
```



生產

Factory(:user)

annotate_models

- 將資料庫的格式註解到 model 檔案裡面
- cd [your project]
annotate

```
# == Schema Information
#
# id                      :integer(11)    not null
# quantity                :integer(11)
# product_id               :integer(11)
# unit_price               :float
# order_id                 :integer(11)
#
class LineItem < ActiveRecord::Base
  belongs_to :product

end
```

rails-foothnotes

- I love TextMate editor
- 錯誤時可以直接點選打開檔案

NameError in LobbyController#index

```
uninitialized constant Mime::IPHONEEW  
RAILS_ROOT: /Users/ihower/rails/Registrano  
Application Trace | Framework Trace | Full Trace  
  
/opt/local/lib/ruby/gems/1.8/gems/activesupport-2.1.0/lib/active_support/dependencies.rb:275:in `load_missing_constant'  
/opt/local/lib/ruby/gems/1.8/gems/activesupport-2.1.0/lib/active_support/dependencies.rb:467:in `const_missing'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/mime_responds.rb:146:in `const_get'  
/opt/local/lib/ruby/gems/1.8/gems/actionpack-2.1.0/lib/action_controller/mime_responds.rb:146:in `method_missing'  
/Users/ihower/rails/Registrano/app/controllers/lobby_controller.rb:8:in `index'  
/Users/ihower/rails/Registrano/app/controllers/lobby_controller.rb:6:in `index'
```



- 增加各種資訊及捷徑在每頁下方

Edit: Controller | View | Layout | Stylesheets (3) | Javascripts (1)
Show: Session | Cookies (8) | Params (2) | Filters | Routes | Queries (11) | Log | General Debug

6. 上線篇

deployment

bundle_fu

- 壓縮 Javascript 及 Stylesheet

```
<% bundle do %>
...
<%= javascript_include_tag "prototype" %>
<%= stylesheet_link_tag "basic.css" %>
<%= calendar_date_select_includes "red" %>
<script src="javascripts/application.js" type="text/javascript"></script>
...
<% end %>
```

BUNdLE - FU

TURN THIS:

```
<script src="/javascripts/prototype.js?1187726365" type="text/javascript"></script>
<script src="/javascripts/effects.js?1187726365" type="text/javascript"></script>
<script src="/javascripts/builder.js?1187726365" type="text/javascript"></script>
<script src="/javascripts/application.js?1187726365" type="text/javascript"></script>
```



exception_notification

- 出現 exception 例外時(500 error) , 自動寄發 E-mail 通知網站管理員
- 信件內容包含當時的 log 記錄

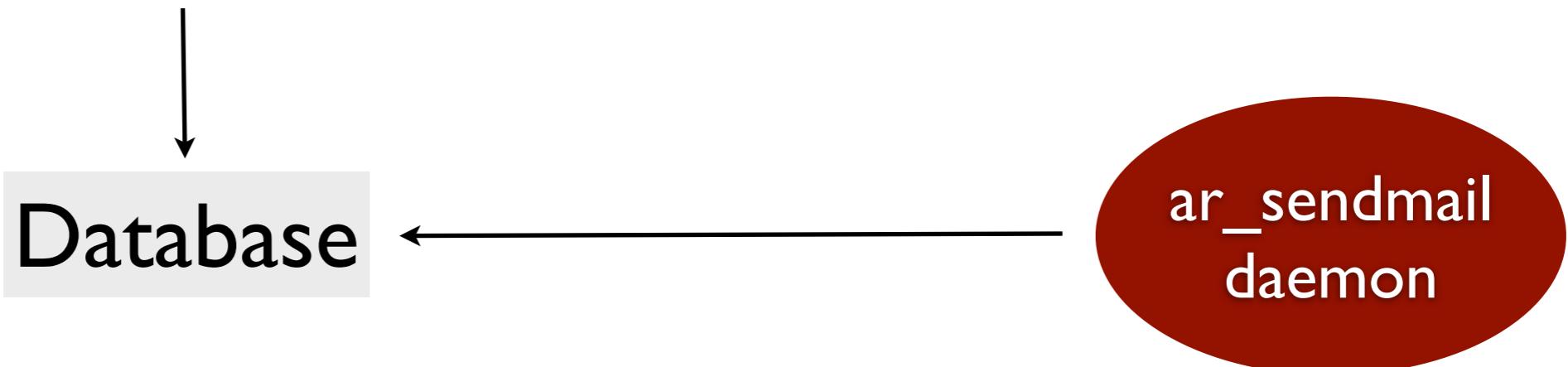
```
ExceptionNotifier.exception_recipients = %w(ihower@handlino.com)
ExceptionNotifier.sender_address = %("Registrano Exception Notifier" <service@registrano.com>)
ExceptionNotifier.email_prefix = "[Registrano Exception] "
```

ar_mailer

- 當有很多 E-mail 要發送的時候，需要非同步的 E-mail 發送

```
Class EventNotifier < ActionMailer::ARMailer  
  
  def signup_notification(user)  
    ...  
  end  
  
end
```

```
UserNotifier.deliver_signup_notification(@user)
```



Capistrano

1. ssh to production server
2. svn checkout
3. run some your script (link file/copy config file/ clear cache...etc)
4. restart mongrel cluster

自動化 deploy 步驟



another choice:

Vlad



The screenshot shows a web browser window with the title "Vlad the Deployer". The address bar contains the URL http://rubyhitsquad.com/Vlad_the_Deployer.html. The browser's toolbar includes standard icons for back, forward, search, and refresh. Below the toolbar, the menu bar lists various links such as iGoogle, Twitter, Blog, Flickr, GitHub, PlanetRoR, RubyFlow, Yahoo!, Google Translate, Yahoo!字典, Trac, ST, myCATCH, Registrano, localhost, and several tabs for Gmail, Twitter, and Google Search. The main content area of the browser displays the Vlad the Deployer website.

Vlad the Deployer

http://rubyhitsquad.com/Vlad_the_Deployer.html

iGoogle Twitter Blog Flickr GitHub PlanetRoR RubyFlow Yahoo! Google Translate Yahoo!字典 Trac ST myCATCH Registrano localhost

Gmail – Inbox – ihow... Twitter Yahoo!奇摩字典 {ihower.idv.tw} blog ... vlad – Google Search Capistrano: Home Vlad the Deployer

Ruby Hit Squad Vlad the Deployer About the Hit Squad

 **Vlad the Deployer**

Pragmatic application deployment automation, without mercy.

 Watch the screencast!

Project Goals:

- Do the simplest thing that could possibly work.
- Nothing to 1.0 in four(ish) days.
- Targets the 80% use case.
- Uses Rake, as god intended.
- Use the right tool for the job (ssh, rsync, etc).
- Fold in the Rails Machine recipes.
- Clever is **bad**. Period.

Download & Install

`sudo gem install vlad`

God

- Process monitor，可用來監控 mongrel

The screenshot shows a web browser window with the title "god - process and task monitoring done right". The address bar contains the URL "http://god.rubyforge.org/". The browser's toolbar includes standard icons for back, forward, search, and tabs. A scroll bar is visible on the right side of the page.

The main content area features a large yellow background image of a person with arms raised, set against a gradient of yellow and orange. Overlaid on this image is the word "GOD" in large, bold, white capital letters, with the subtitle "(like monit, only awesome)" in smaller white text below it.

A BETTER WAY TO MONITOR

God is an easy to configure, easy to extend monitoring framework written in Ruby.

Keeping your server processes and tasks running should be a simple part of your deployment process. God aims to be the simplest, most powerful monitoring application available.

Tom Preston-Werner
tom at rubyisawesome dot com

FEATURES

- Config file is written in Ruby
- Easily write your own custom conditions in Ruby
- Supports both poll and event based conditions
- Different poll conditions can have different intervals
- Integrated notification system (write your own too!)
- Easily control non-daemonizing scripts

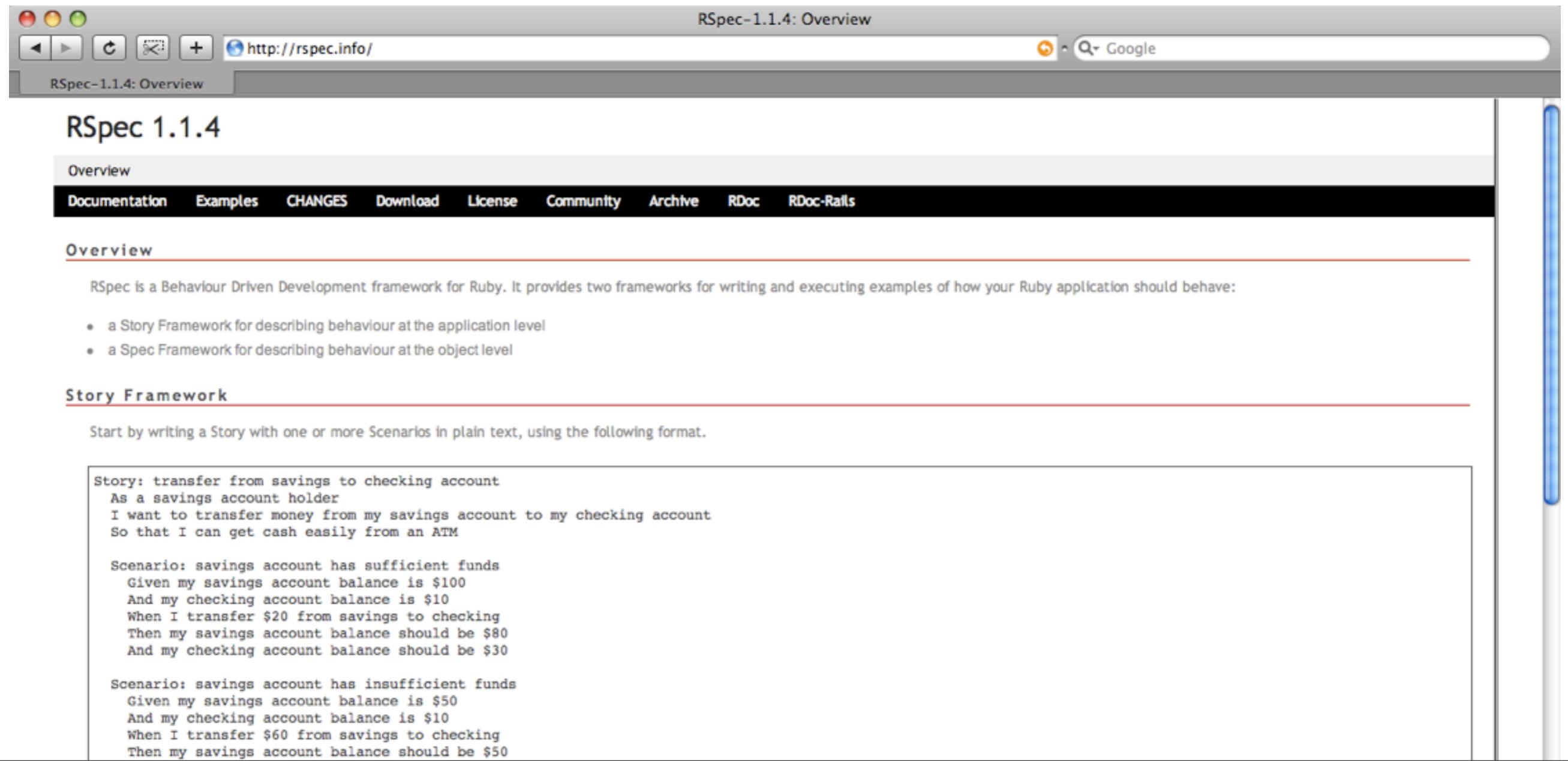
Google Group: <http://groups.google.com/group/god>

7. 測試篇

testing

rspec

- BDD testing framework
- 寫出可讀性高容易維護的測試程式



The screenshot shows a web browser window with the title "RSpec-1.1.4: Overview". The address bar displays "http://rspec.info/". The main content area is titled "RSpec 1.1.4" and features a navigation menu with links: Overview, Documentation, Examples, CHANGES, Download, License, Community, Archive, RDoc, and RDoc-Rails. The "Overview" link is currently selected. Below the menu, there is a section titled "Story Framework" with a sample text input:

```
Story: transfer from savings to checking account
As a savings account holder
I want to transfer money from my savings account to my checking account
So that I can get cash easily from an ATM

Scenario: savings account has sufficient funds
Given my savings account balance is $100
And my checking account balance is $10
When I transfer $20 from savings to checking
Then my savings account balance should be $80
And my checking account balance should be $30

Scenario: savings account has insufficient funds
Given my savings account balance is $50
And my checking account balance is $10
When I transfer $60 from savings to checking
Then my savings account balance should be $50
```

zentest

- autotest
- 只要一存檔，自動執行對應的測試程式

The screenshot shows a web browser window with the following details:

- Title Bar:** ZenTest: Automated test scaffolding for Ruby
- Address Bar:** http://www.zenspider.com/ZSS/Products/ZenTest/
- Content Area:**
 - ZenTest Logo:** testing, on steroids.
 - Navigation Links:** Products | Download | Blog | Documentation
 - Call-to-Action:** go red with **zentest**: Generate, Measure, Audit
 - Code Snippet:** A black box containing Ruby code demonstrating test coverage analysis.
 - Text:** Ensures test coverage and accelerates TDD.
Test and implementation methods generated automatically. Focus on content, not structure.
Know where to work next.
Get quick feedback on progress.
 - Link:** learn more
- Footer:** go green with **unit_diff**: Illuminate, Focus, Fix
- Code Snippet:** A black box containing a diff output from unit_diff.
- Text:** Uses Advanced Differing Technology™ to highlight errors.
Miles of output made crystal clear.
Points you to exactly where the problem is, weeding through the clutter, and letting you think at a higher level.

rcov

- code coverage
- 產生測試涵蓋率報表

Code coverage information

Generated on Mon May 22 12:09:23 CEST 2006 with rcov 0.4.0

Threshold: 80%

Name	Total lines	Lines of code	Total coverage	Code coverage
TOTAL	1754	1754	69.3%	60.1%
app/controllers/application.rb	39	39	46.3%	31.0%
app/helpers/application_helper.rb	147	147	38.1%	23.5%
app/models/aggregations/tada.rb	75	75	45.3%	31.1%
app/models/aggregations/upcoming.rb	78	78	48.7%	28.2%
app/models/article.rb	109	109	74.3%	67.9%
app/models/category.rb	30	30	66.7%	60.9%
app/models/sidebar.rb	36	36	55.6%	40.7%
components/plugins/sidebar/archives_controller.rb	35	35	34.3%	29.6%
components/plugins/sidebar/category_controller.rb	20	20	60.0%	50.0%
components/plugins/sidebar/delicious_controller.rb	20	20	60.0%	50.0%
components/plugins/sidebar/flickr_controller.rb	20	20	60.0%	50.0%
components/plugins/sidebar/fortythree_controller.rb	20	20	60.0%	50.0%
components/plugins/sidebar/fortythreeplaces_controller.rb	20	20	60.0%	50.0%
components/plugins/sidebar/static_controller.rb	27	27	37.0%	28.2%
components/plugins/sidebar/tada_controller.rb	20	20	60.0%	50.0%
components/plugins/sidebar/technorati_controller.rb	20	20	60.0%	50.0%
components/plugins/sidebar/upcoming_controller.rb	20	20	60.0%	50.0%
components/plugins/sidebar/xml_controller.rb	16	16	62.5%	53.6%
components/sidebar/sidebar_controller.rb	110	110	48.2%	32.5%
lib/html_engine.rb	29	29	81.8%	78.3%
lib/login_system.rb	85	85	60.0%	23.5%
lib/migrator.rb	28	28	53.6%	40.9%

```
77 def full_html
78   "#{body_html}\n\n#{extended_html}"
79 end
80
81 protected
82
83 before_save :set_defaults, :transform_body
84
85 def set_defaults
86   self.published ||= 1
87   self.text_filter = config['text_filter'] if self.text_filter.blank?
88   self.permalink = self.stripped_title if self.attributes.include?("permalink") and self.permalink.blank?
89   self.guid = Digest::MD5.new(self.body.to_s+self.extended.to_s+self.title.to_s+self.permalink.to_s+self.author.to_s+Time.now.to_f.to_s)
90 end
91
92 def transform_body
93   self.body_html = HtmlEngine.transform(body, self.text_filter)
94   self.extended_html = HtmlEngine.transform(extended, self.text_filter)
95 end
96
97 def self.time_delta(year, month = nil, day = nil)
98   from = Time.mktime(year, month || 1, day || 1)
99
100  to = from + 1.year
101  to = from + 1.month unless month.blank?
102  to = from + 1.day unless day.blank?
103  to = to.tomorrow unless month.blank?
104  return [from, to]
105 end
106
107 validates_uniqueness_of :guid
108 validates_presence_of :title
109 end
```

Generated using the rcov code coverage analysis tool for Ruby version 0.4.0.

Finally...

plugin 哪裡找?

Secure Git hosting and collaborative development — GitHub

git http://github.com/ Google

iGoogle Twitter Opmsg Jaiku Blog GitHub Gist PlanetRoR RubyFlow Railscasts RoR Library Yahoo! Y!字典 Translate Trac ST Redmine Registrano sudomake local(R) local(C) »

php template system - ... Twitter Registrano | Lobby [Sample] Rails2 研討會 | ... Registrano | Lobby Your Dashboard — GitHub Secure Git hosting and ...

github
SOCIAL CODE HOSTING

Home Pricing and Signup Repositories News Login

Search public git repositories

r томяко
git-sh
FEATURED PROJECT 21 AUGUST 2008

git-sh is a customized bash shell suitable for git work. It adds `~/.gitshrc`, top-level porcelain aliases, a custom prompt, and other tasty git-specific features.

Recently Updated Repositories

-  frugalware / **frugalware-current**
-  justinwiley / **charm**
-  jqr / **centipede**
-  jezdez / **django-robots**
-  ustorf / **whobedown**

Top 5 Most Watched Projects

-  rails / **rails**
-  technoweenie / **restful-authentication**
-  wycats / **merb-core**
-  mislav / **will_paginate**
-  Caged / **gitnub**

git repository hosting
no longer a pain in the ass

Sign up now!

How does it work?
Get up and running in seconds by forking a project, pushing an existing repository, or starting fresh.

GitHub was written for public, open source projects and private, proprietary codes — if you use Git, GitHub is for you.

要怎麼寫 plugin?



推薦閱讀
<http://peepcode.com>
Plugin Patterns PDF

thank you.

[引述網路名人 xdite 之黃金三點]

辦出人人滿意的網路聚會之黃金第四點：

1. 「正妹工作人員要多，即使少也不能傷眼，最好是有拍回去讓人炫耀的水準」
2. 「網路品質要好，即使很慢也要不能一直狂斷，有線網路是最佳選擇」
3. 「點心要好吃，不好吃也要讓人人吃到飽，最好是茶點時間超級長」
4. 「網路報名要方便好用，最好是使用 registrano.com」

<http://ihower.idv.tw/blog/archives/1762>

any comment? or recommend your favorite plugin.