Bring Ruby into Campus

高見龍

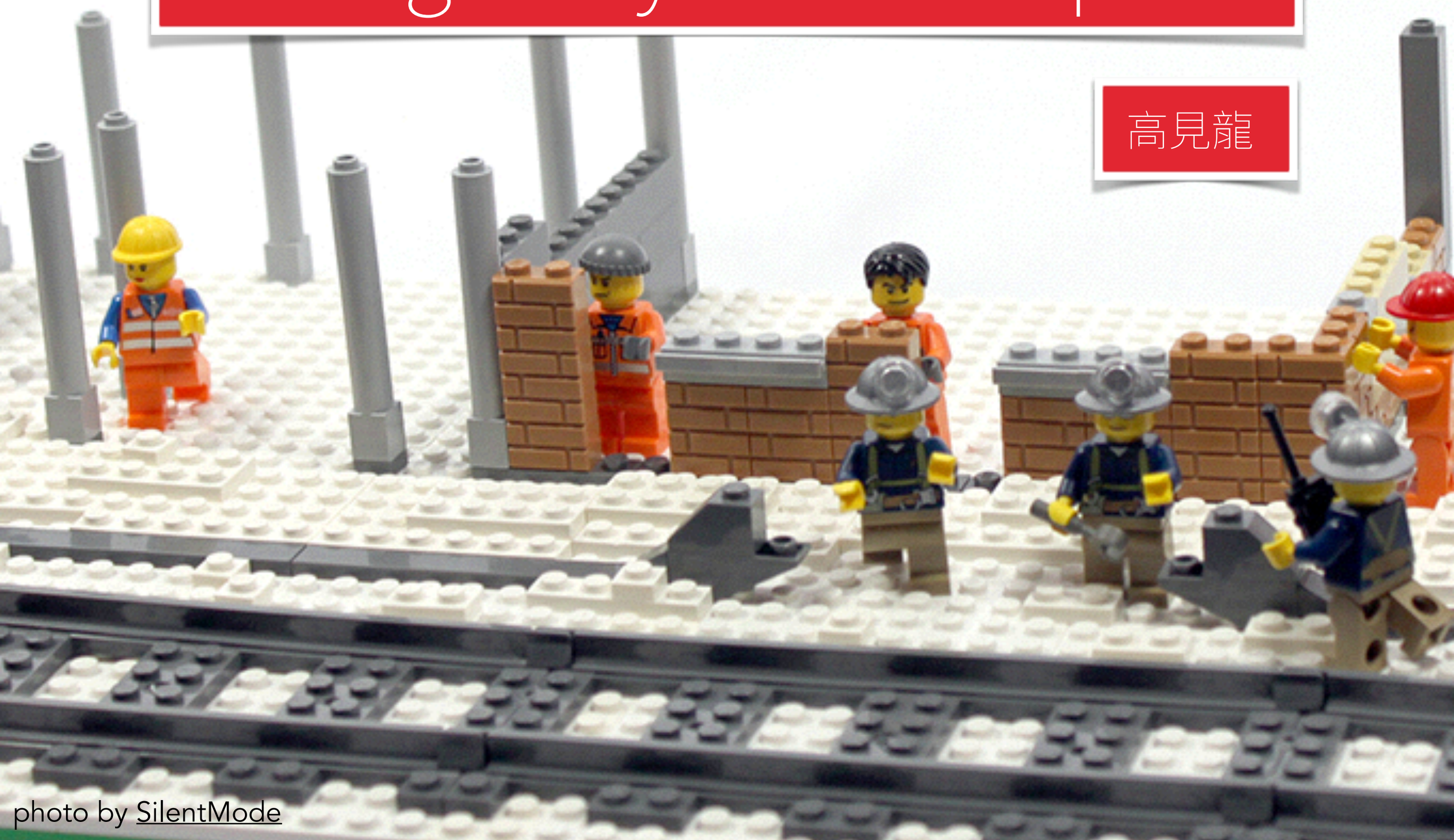


photo by SilentMode

AGENDA

1. Self introduction
   - What we do
2. Ruby ecosystem in Taiwan
3. Bring Ruby into Campus
   - issues!
   - how we solve them.
   - our training courses

self introduction

photo by Eddie

高見 龍 です

高 見龍 です

@eddiekao

I come from Taiwan
photo by Fishtail@Taipei

photo by JonaGraphY

photo by HeyNix

photo by randomwire

高見龍 @eddiekao

Co-Founder of 5xRuby, Inc.

高見龍 @eddiekao

a.k.a Eddie

- Ruby/Rails/iOS app Developer & Instructor.
- Ruby and Rails Technical Consultant.
- Ruby Certification (Silver Level)
- Ruby Conference Speaker in Taiwan and Japan.
- Blog：http://kaochenlong.com

photo by Eddie

What we do

1. Support Ruby/Rails events.
2. Ruby/Rails training courses for school and enterprise.
3. Ruby/Rails consulting service.
4. Hunting or developing qualified developers.
5. Build Ruby/Rails/Mobile app projects (offshore development)

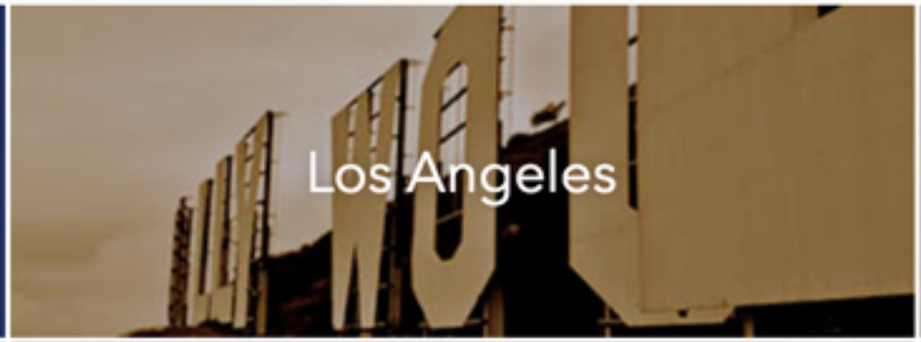
Join | Sig

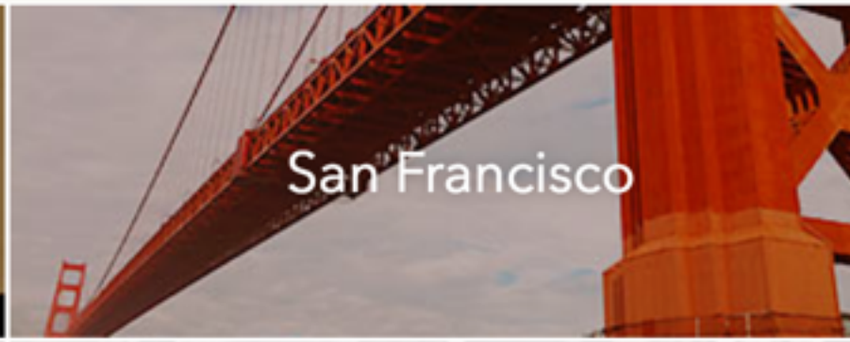
TABELog

- FIND THE BEST RESTAURANT NEAR YOU -

Search for restaurants, categories in New York Search

nd Restaurant by Popular Area





協創・協力・協調・協争をプラットフォームに、未来をデザイン

Create × Cooperate × Coordinate × Collaborate

こんなシステムを作っている会社です

Matz: "be lazy!"

We work hard, play harder.

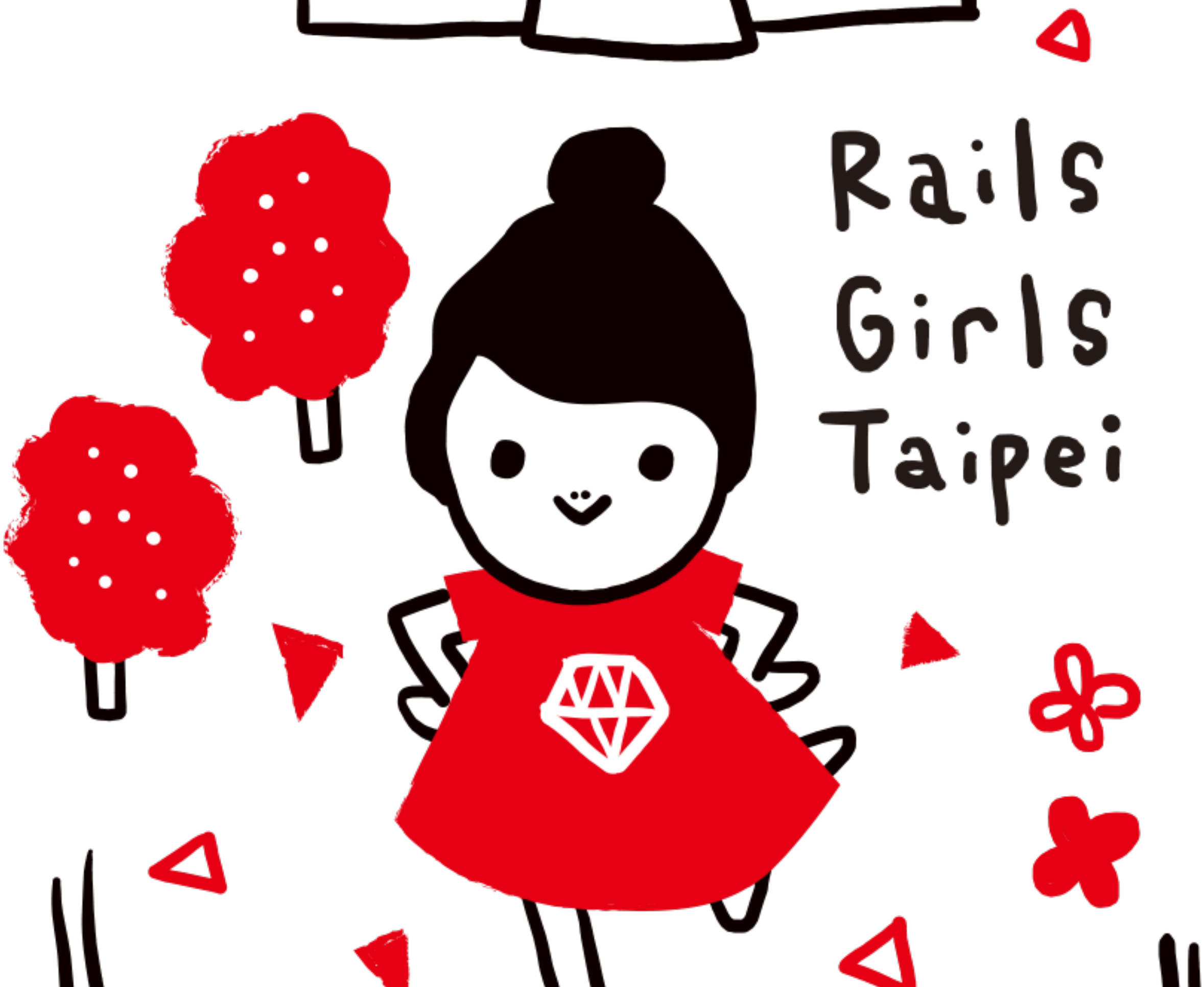
We work hard, play harder.

Ruby ecosystem in Taiwan

Ruby ecosystem in Taiwan

We host and support Ruby community events, such as meet-ups, conferences, and Rails Girls events.

photo by othree


Rails
Girls
Taipei

@taiansu
@ryudoawaru
@eddiekao

Rails Girls Taipei
https://www.facebook.com/railsgirlstw

Rails Girls Taipei

Rails Girls Taipei

RubyConf Taiwan
http://rubyconf.tw/

RubyConf Taiwan

https://2016.rubyconf.tw/

Ruby ecosystem in Taiwan

But actually Ruby is not really popular in Taiwan, especially in enterprise.

Ruby ecosystem in Taiwan

WHY?

1. They don't know what Ruby is capable of.
2. Qualified Ruby developers are not easy to hire.

104人力銀行 【謝謝你相信我】過於年輕又沒有大學學歷的我在職場闖通關..

首頁 | 學生 | 新鮮人 | 上班族 | 高階

找工作 | 找公司

快速找工作▼ | 最新工作 | 地圖找工作 | 畢業求職

關鍵字 | 地區 | 職務 | 找工作

"關鍵字(php) ▼

職務	管理財經	行政總務	財會稅務	金融專業	人力資源	經營幕僚
	行銷業務	業務銷售	門市管理	行銷廣告	貿易船務	產品企劃
	客服支援	旅遊休閒	客戶服務			
地區	製造工程	生產管理	軟體工程	MIS網管	工程研發	生技研發
	教育傳播	教育輔導	藝術設計	傳播藝術	文字編譯	
產業	其他專業	醫療專業	運輸物流	餐飲專業	操作技術	採購倉管
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求

My104

· 工作快
· 這些工

尋找
台灣
現正
進一

date: 2016/11/1

	Keyword	Jobs
1	PHP	5,491
2	Java	4,753
3	C#	3,325
4	JavaScript	3,672
5	iOS	2,536
6	Ruby	281
7	Rails	103
8	RoR	40

Ruby ecosystem in Taiwan

1. Traditional enterprise doesn't think Ruby would be a good solution.
2. Ruby is only popular in startups.

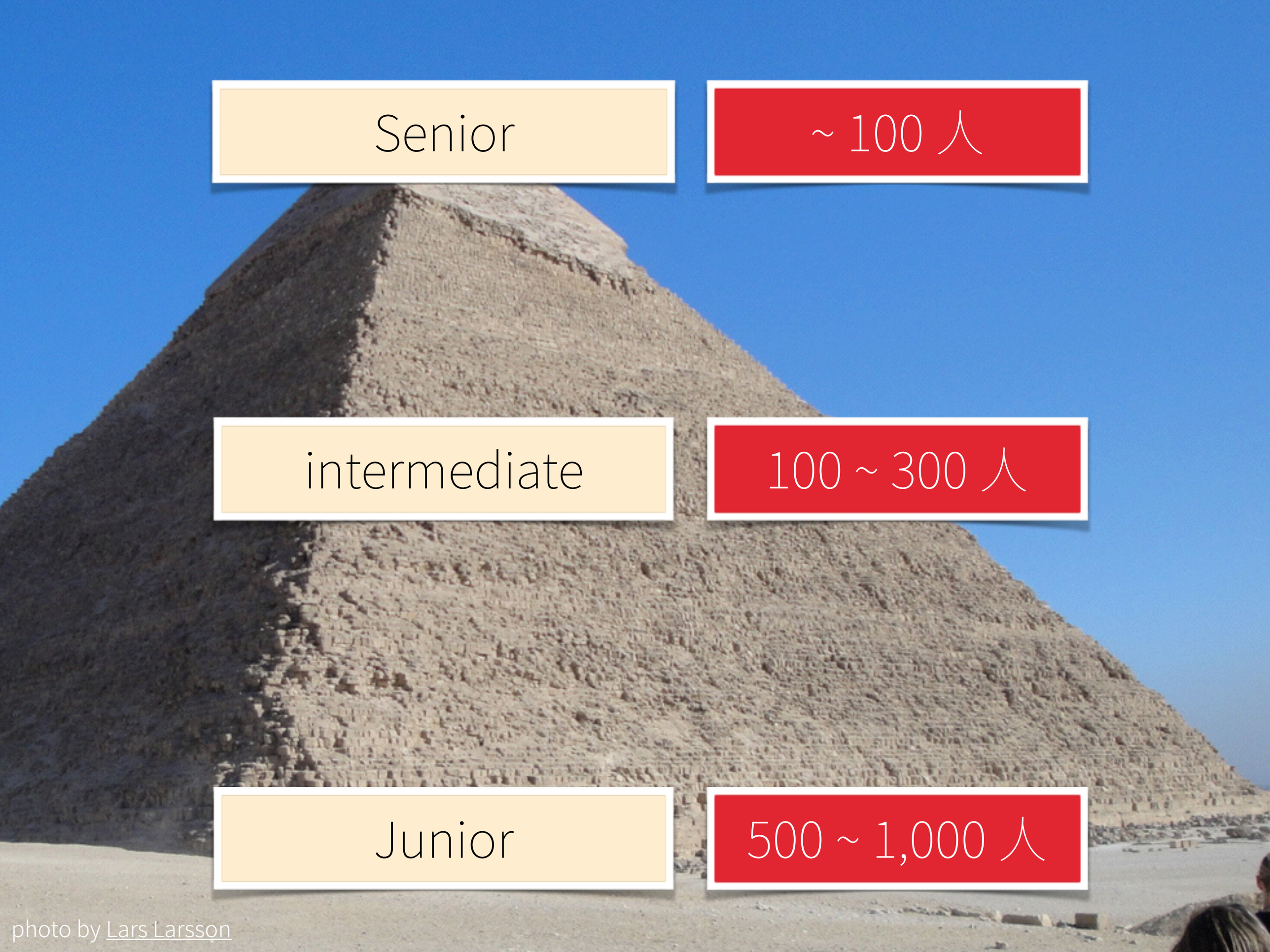

photo by Lars Larsson

We love Ruby!!

Ruby Birthday

Ruby ecosystem in Taiwan

We hope more and more developers can join us and enterprise can adopt Ruby as development solution.

Ruby ecosystem in Taiwan

so we try to launch many Ruby community events.

But, that's not enough, we want more people and need more 💰 !

Finally, We decided to found a Ruby company to make 💰, then feedback to community.

五倍紅寶石 http://5xruby.tw/

Community-Driven Company

Community-Driven Company

1. Open Ruby commercial training course. (make 💰)
2. Recruit attendees and put them in real world projects. (make 💰)
3. We use the 💰 to host or sponsor more community events.
4. Goto 1

講座分類

所有講座

Machine Learning (0)

iOS App Development (3)

測試 (1)

Ruby (9)

Front End (7) NEW

Ruby on Rails (8) NEW

Git (2) NEW

對我們的講座還覺得滿意嗎?

我們將陸續推出與 Ruby/Rails 或網站開發相關的講座，若您有其它講座上的建議，歡迎您來信與我們聯繫。

Front End 3 小時

跟著 Bootstrap 學模組化

2016-11-29 ~ 2016-11-29

Bootstrap是Twitter所釋出的一套網頁框架，主打模組化、快速套用、不懂設計也能做出具設計水準的網頁視覺，目前網際網路有眾多頁面都已採用Bootstrap來製作，其更是一套前端/後端人員都非常適合學習的框架工具。經實際測試應用，搭配sublime工具完成一個EC前端視覺頁面甚至不需2分鐘

詳細資料

Ruby on Rails 36 小時

Ruby on Rails 從零開始

2017-01-04 ~ 2017-01-22

完整的 Ruby & Rails 的課程。內容包括 Ruby 程式語言、親手打造並且部署一個 Rails 專案。將在短期內帶領初學者對 Rails 整體架構、設計哲學以及開發流程有基本的了解與認識。

詳細資料

Git 6 小時

人生不能重來，但 GIT 可以

2016-12-18 ~ 2016-12-18

Git 是目前最流行的版本控制工具。本課程除介紹 Git 的基本原理及操作外，並將模擬各種在開發過程常遇到的狀況，引導大家快速上手。

詳細資料

Front End 18 小時

JavaScript & jQuery 前端開發入門實戰

2016-12-07 ~ 2016-12-17

Front End 21 小時

深入淺出立即上手的HTML網頁設計

2016-11-13 ~ 2016-11-27

Front End 6 小時

Vue.js 2.0 入門實戰 （課程結束）

2016-10-15 ~ 2016-10-15

But, still not enough...

We want to develop more Rubyist when they're young!

“Learn Ruby, now!”

campus << ruby

Bringing Ruby into campus is not easy at all.

Issues!

1. School is a closed system.
2. We don't have the official certification to teach in school.
3. Teachers may not know what is Ruby, and don't think that is necessary for students.
4. They don't know who we are.

Issues!

5. Ruby is very different from other programming languages, need extra effort to master it.
6. Teachers don't really want to learn new things.

Then, we have some ideas...

Solve it!

1. Approach students directly!
2. Host more free events.
3. More training course for FREE.
4. Provide job Opportunities.

高見龍
台灣大學

輔仁大學

樹德科技大學

Learn Ruby
WITH THE EDGECASE RUBY KOANS ONLINE
Ruby Koans Online
Start the Koans >>
The Koans World
The Path to Enlightenment

大同大學

Solve it!

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Rails Girls Weekly

panel discussion

technical sharing

Solve it!

1. Approach students directly!
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3. More training course for FREE.
4. Provide job Opportunities.

Ruby free course

Git and Github free course

Git and Github free course

Solve it!

1. Approach students directly!
2. Host more free events.
3. More training course for FREE.
4. Provide job Opportunities.

Job opportunities

Job opportunities

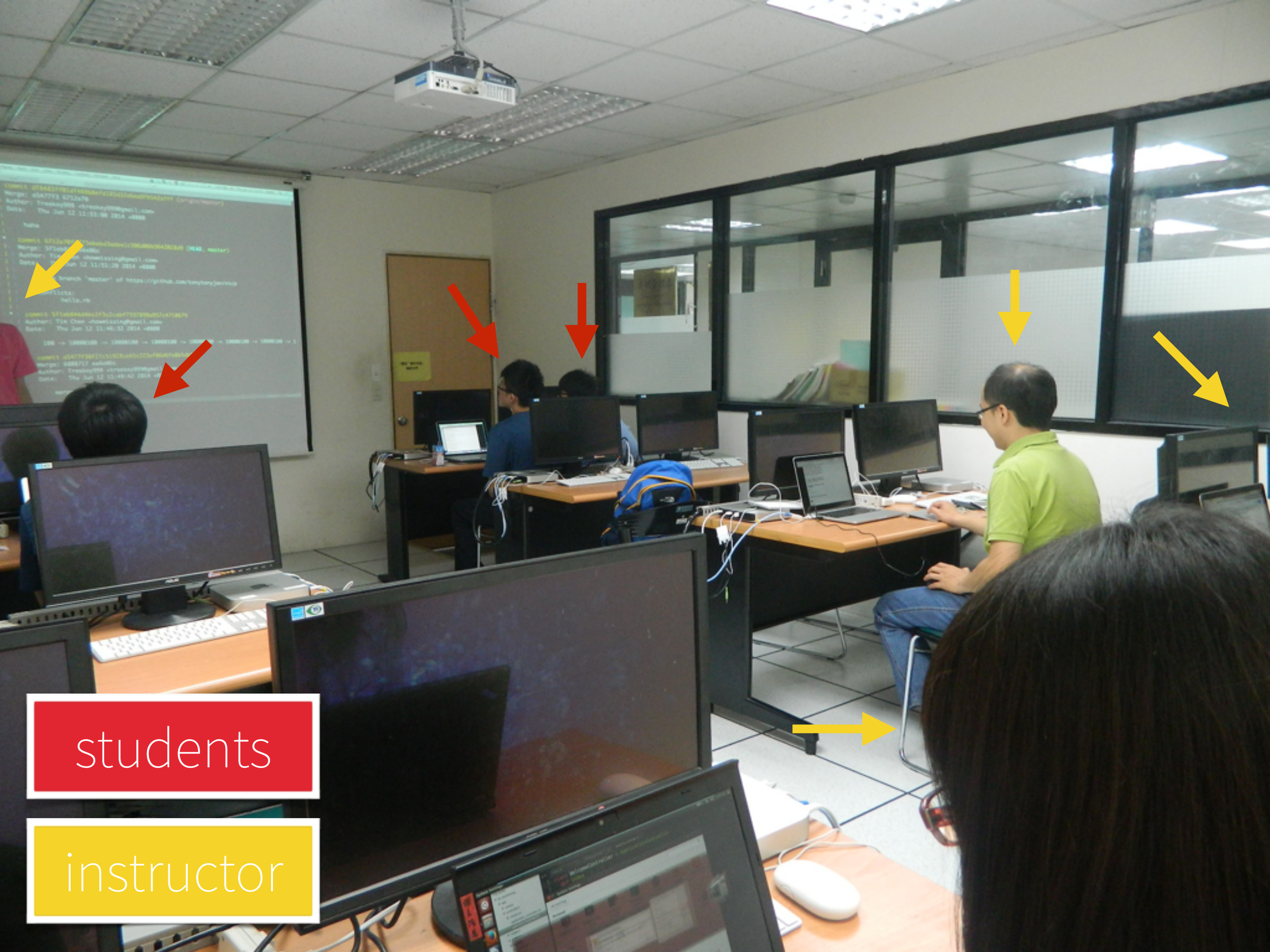
after 1~2 years, some teachers know who we are and what we do, and they started to believe us.

Everything seems going well, we have the chance to open the first Ruby class in school...

We didn't earn any money from school or students.

We've more than 30 students during the orientation, great!

but at last, only 3 students stay.


students
instructor

it's really frustrated, but we didn't give up...

國立臺北商業技術學院　資訊管理系

感　謝　狀

茲感謝　五倍紅寶石股份有限公司
於102學年度第2學期與本系合作學生
校外實習計劃，使學生裨益良多

特 頒 此 狀 ，敬 致 謝 忱

主任　許 瑞 娟

We prove that Ruby is a solid solution and can build really world product by students.

Next year, we finally have the chance to open official Ruby course in school. (3 credits each semester)

台北商業大學

台灣大學

About the training course...

Content

1. HTML / CSS / JavaScript
2. Ruby / Rails
   - TDD with RSpec
   - Shopping cart and payment services.
3. Git & Github
4. Other online tools and services.

We not only teach students how to use git and github, but also collect their homework by sending PR(pull request).

This repository Search Pull requests Issues Gist

kaochenlong / ntub_homework

Unwatch 1 Star 12 Fork 49

Code Issues 1 Pull requests 0 Projects 0 Pulse Graphs Settings

No description or website provided. — Edit

689 commits 11 branches 0 releases 44 contributors

Branch: master New pull request Create new file Upload files Find file Clone or download

Switch branches/tags

Find or create a branch...

Branches Tags

- exam
- homework/2016-04-07
- homework/2016-04-14
- homework/2016-04-21
- homework/2016-04-28
- homework/2016-05-19
- homework/2016-05-21
- homework/2016-05-26
- homework/2016-06-02
- ✓ master

Latest commit ed53259 on 29 Jun

update exam	4 months ago
update exam	4 months ago
upload hw0512	6 months ago
update exam	4 months ago
update exam	4 months ago
update exam	4 months ago
update exam	4 months ago
update exam	4 months ago
update exam	4 months ago
update exam	4 months ago
update exam	4 months ago
update exam	4 months ago
update exam	4 months ago

常數在Ruby中的意義? #274

Edit

Open **michael85731** opened this issue on 13 Apr · 4 comments

michael85731 commented on 13 Apr ntub_homework contributor

寫C時的常數在程式中是不可變動的
比如我寫了

```
const float pi = 3.14159;
```

那麼在這個程式中pi這常數就固定是這樣了，這是為了避免修改 `pi` 所以我宣告 `pi為常數`
但在Ruby中卻可以修改，那這樣不是就失去常數的意義了嗎?
如果我用全域變數也可以達到同樣的效果
那這樣的話常數在Ruby中實際的用意是什麼?

lctseng commented on 13 Apr

我的看法是，全域變數與常數本身用途就不同
常數的限制比較多，
例如你不可以在instance method中修改常數，但卻可以修改全域變數

Projects
None yet

Labels
None yet

Milestone
No milestone

Assignees
No one—assign yours

5 participants

Notifications

繳交情況

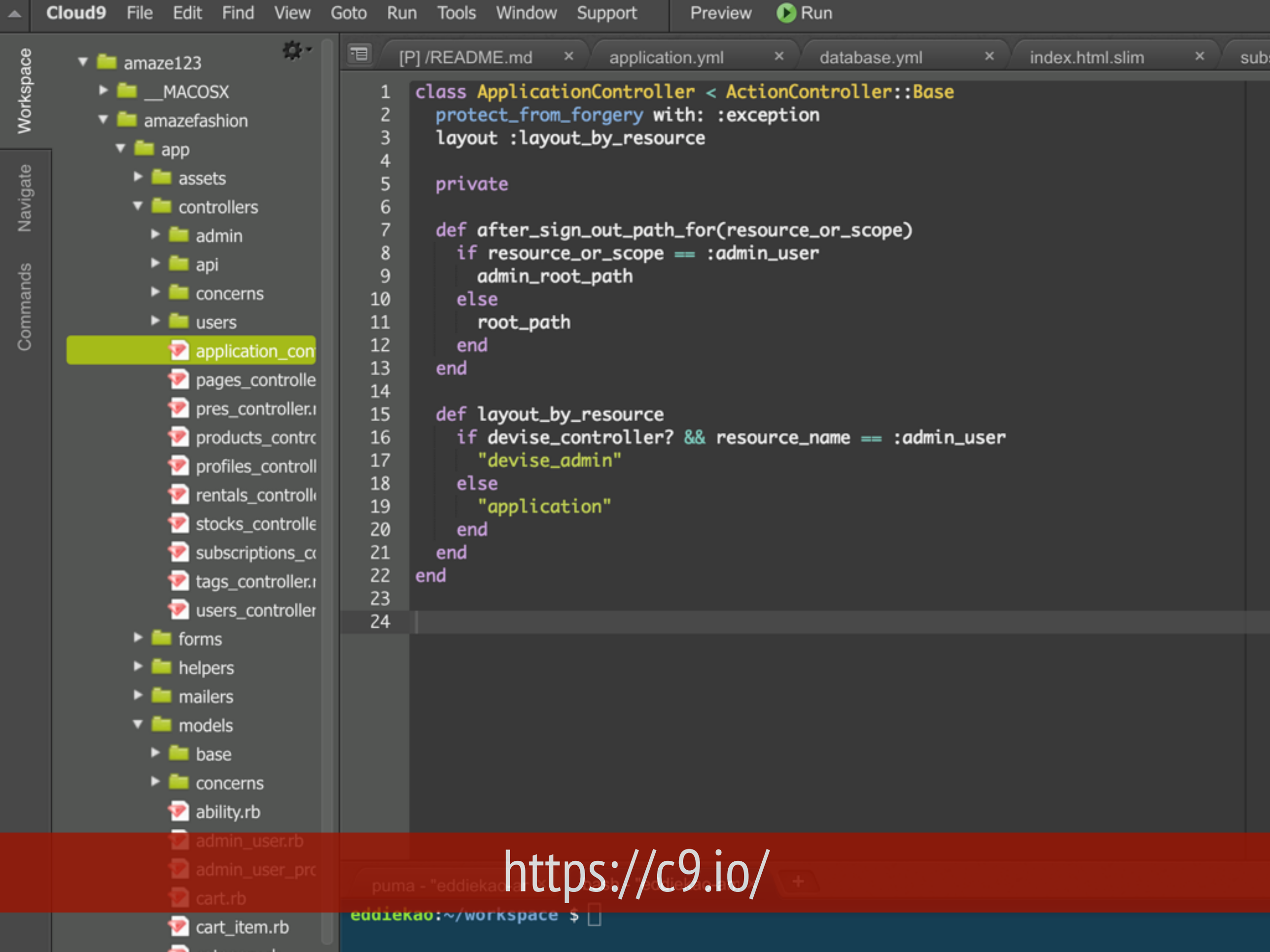
- ☆ = 已繳交，而且看起來有用心 :)。
- O = 已繳交。
- △ = 已繳交，但內容不完整或需修正。
- X = 未在期限內繳交，或是明顯「參考」其它同學的作業。

成績計算公式：

- 測驗佔 50%，作業佔 50%，其中作業 ☆ = 3 點，O = 2 點，△ = 1 點，X = 0 點；每 1 點 = 5 分
- 範例：學號 10146049 作業共得點 11 點，測驗 84 分
  - 總成績 = (11 * 5) * 0.5 + (84 * 0.5) = 69.5，四捨五入為 70 分

學號	3/10	3/17	3/24	3/31	4/07	4/14	4/21	4/28	5/12	5/19	5/26	測驗	總
10056037	X	X	X	X	X	X	X	X	O	O	X	111	6
10056039	O	O	△	O	O	O	O	O	O	O	X	104	1
10146003	X	X	X	O	△	O	O	X	△	X	X	0	2
10146006	O	O	O	O	O	O	O	O	△	O	☆	101	1
10146017	O	O	O	O	O	△	O	△	O	O	☆	102	1
10146034	X	X	X	X	X	X	X	X	X	X	X	36	1
10146037	X	O	O	X	O	△	O	O	X	X	X	94	7
10146049	O	X	X	X	O	O	O	△	O	X	X	84	7
10246001	O	O	O	O	O	O	O	O	O	O	△	42	7

Building Ruby environment may not be easy, especially in school...


Cloud9 File Edit Find View Goto Run Tools Window Support Preview Run
Workspace
Navigate
Commands
amaze123
__MACOSX
amazefashion
app
assets
controllers
admin
api
concerns
users
application_con
pages_controlle
pres_controller.
products_contro
profiles_controll
rentals_controll
stocks_controlle
subscriptions_c
tags_controller.
users_controller
forms
helpers
mailers
models
base
concerns
ability.rb
admin_user.rb
admin_user_pro
cart.rb
cart_item.rb
[P] /README.md
application.yml
database.yml
index.html.slim
class ApplicationController < ActionController::Base
protect_from_forgery with: :exception
layout :layout_by_resource
private
def after_sign_out_path_for(resource_or_scope)
if resource_or_scope == :admin_user
admin_root_path
else
root_path
end
end
def layout_by_resource
if devise_controller? && resource_name == :admin_user
"devise_admin"
else
"application"
end
end
end
eddiekao:~/workspace $

https://c9.io/

We use online Markdown editor for taking notes.

HackMD

+ 新增 發表 選單 1 ONLINE

```ruby
# 台北商業大學 2016-04-28

class Animal
  def self.my_attr_reader(name)
    define_method name do
      return @name
    end
  end
end

class Cat < Animal
  my_attr_reader :name
  def initialize(name)
    @name = name
  end
end

kitty = Cat.new("kk")
puts kitty.name
```

```ruby
class Animal
  def self.my_attr_reader(name)
    define_method name do
      return @name
    end
  end

  def self.my_attr_writer(name)
    define_method(:"#{name}=") do |value|
      @name = value
    end
  end
end
```

CHANGED 6 MONTHS AGO

OWNED THIS NOTE

EDITABLE

台北商業大學 2016-04-28

```ruby
class Animal
  def self.my_attr_reader(name)
    define_method name do
      return @name
    end
  end
end

class Cat < Animal
  my_attr_reader :name
  def initialize(name)
    @name = name
  end
end

kitty = Cat.new("kk")
puts kitty.name
```

```ruby
class Animal
  def self.my_attr_reader(name)
    define_method name do
      return @name
    end
  end

  def self.my_attr_writer(name)
    define_method(:"#{name}=") do |value|
      @name = value
    end
  end
end
```

https://hackmd.io/

We use online Chatting platform.

開開心心學 Ruby
eddie

CHANNELS (17)
- 01_hackntu
- 01_nthu
- 01_ntub
- 01_rails_class
- 02_hackntu
- 02_rails_class
- 03-hackntu
- 03_rails_class
- 04_rails_class
- 05_rails_class
- 06_rails_class
- 07-rails-class
- # general
- racbit
- # rails-chat
- # references
- # ruby-chat

DIRECT MESSAGES (298)
- slackbot
- eddie (you)
- aryung
- benjak135765
- dd
- joshiya
- lydia
- mitsunchieh
- telsa

#rails-chat

25 | 0 | Add a topic

了解了 謝謝

October 5th

telsa 6:25 PM
added and commented on a Ruby snippet

```
>>  post.comments
=> #<ActiveRecord::Associations::CollectionProxy [#<Comment id: 7, name: "Telsa Peng", co
09:18:16", updated_at: "2016-10-05 09:18:16", commentable_id: 2, commentable_type: "Mboar
id: nil, name: nil, comment: nil, created_at: nil, updated_at: nil, commentable_id: 2, co
user_id: nil>]>
```

> 請問一下為什麼他會把第二個id是nil的也顯示出來?,那個是之前已經刪除掉的資料,是因為當初沒有save到
麼辦

ryudoawaru 6:41 PM
post.reload 的話？

telsa 6:54 PM
跑過post.reload之後再執行post.comments會只剩下第一條,可是網頁重新整理以後還是一樣
這個問題我如果進rails console下去試都很正常.

剛我只是在web console試而已
直接把<% post.reload %>加到view裡面就好了,謝謝 (edited)

ryudoawaru 10:25 PM
這表示你流程有問題

telsa 10:50 PM
如果我真的找不出來當初是做了什麼才變成這樣是不是乾脆drop table砍掉重來.....

October 6th

ryudoawaru 10:20 AM
流程問題是指你 code 有問題不是 schema 的吧

telsa 10:27 AM
因為好像是我在console做了某些事以後才變這樣的，本來是好好的。所以想說乾脆從來再確定一次orz

So, what's next?

After these years, we have more than 1,000 students.

And we still want more!!

We will keep recruiting and training our own interns, and turn them into qualified Rubyist.

In fact, we have 16 employees now, half of them are trained by ourself.

Then they can help the Ruby community growing up.

We hope more and more people can join Ruby community, and enterprise will use Ruby as their developing solutions someday.

以上です。

ご清聴ありがとうございました

@eddiekao

thanks for your listening :)