高見 龍です
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@eddiekao
Learning more about Ruby by Reading Ruby Source Code
I come from Taiwan
高見龍
@eddiekao
Flash/AS3 Developer / iOS & Rails Rookie
http://blog.eddie.com.tw/
Taipei, Taiwan  ·  http://www.eddie.com.tw/
I’m a Flash guy (≈ 8 years)

I’m a Python guy (≈ 2 years)

I’m a Ruby guy (≈ 4 years)

I’m a iOS app guy (≈ 2 years)
But not a C guy, yet!
Ruby > Rails
“I’m a SHOW OFF person”
“Experience Sharing is fun”
Current Status

80% iOS app, 20% Ruby/Rails
100% Ruby Lover!
Day 1 (1/12)

<table>
<thead>
<tr>
<th>上午</th>
<th>第一會議室</th>
<th>國際會議廳</th>
<th>第二會議室</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 09:30</td>
<td></td>
<td>報到</td>
<td></td>
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<tr>
<td>09:30 - 09:40</td>
<td></td>
<td>開場</td>
<td></td>
</tr>
<tr>
<td>09:40 - 10:30</td>
<td>李智樺 (Ruddy Lee)</td>
<td>Making it big in web. (開發 web 的遠大前程)</td>
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<tr>
<td>10:30 - 10:50</td>
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<td>休息</td>
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<tr>
<td>10:50 - 11:20</td>
<td>劉詩雁 (Sean Liu)</td>
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</tbody>
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2 days, 3 tracks session
750+ attendees
all tickets sold out in 4 mins
WebConf Taiwan 2014
Will be held on Jan 2014
850+ attendees in 2014, hopefully.
All about web development
楽しい
http://webconf.tw
Code Reading
Why read source code?

How to start?

What I learned?

Anything interesting?
Why read source code?
“once you start digging around in someone else's code base, you’ll learn a lot about your own strengths and weaknesses”

- Ruby Best Practice

See how the Core Team write Ruby
Read the source, Luke!
source code は友達
Contribution!
Committer

in my dream!
FUN! :)
Requirement?
C language
“What if I don’t have any skill of C?”
“Just Learn It!”
Curiosity and Passion
Where to Start ?
get source files!
download from Ruby website,
or clone from github
Ruby 1.9.2 p290
Quick browsing.. :)
.c + .h

.rb (stdlib)
Let’s have some fun!
Object

Class

String

Array

Hash
“ruby.h”
Object => RObject
Class => RClass
String => RString
Array => RArray
Hash => RHash
“object.c”
Init_NULL()
“all Class’s class is a Class”
“new”
class A
  def initialize
    puts "hello"
  end
end
a = A.new
Proc
How to execute a Proc?
attributes
push v.s. <<
Object ID
What else?
Haskell-like syntax :)


head \ (x:_) \ = \ x
\text{tail} \ (_:xs) \ = \ xs
people = {
    "Eddie" => ["green", "eddie@digik.com.tw"],
    "Joanne" => ["yellow", "hello@yahoo.com"]
}

people.map { |name, (color, email)|
  puts [name, color, email]
}
people = {
    "Eddie" => ["green", "eddie@digik.com.tw"],
    "Joanne" => ["yellow", "hello@yahoo.com"]
}

people.map { |name, (_, email)|
    puts [name, email]
}
Method missing
Anything interesting?
Interesting naming.. XD
Conclusion
“from basic structure”
“don’t be afraid of source code”
source code は友達
References
“Rubyソースコード完全解説” (RHG)
by 青木峰郎

http://i.loveruby.net/ja/rhg/book/
“Ruby Under a Microscope”
by Pat Shaughnessy

http://patshaughnessy.net/ruby-under-a-microscope
Hope we all can become Jedi Master someday :)
高見 龍 です
以上です。
ご清聴ありがとうございました

thanks for your listening :}
Contacts

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