

# This talk is about stuff...

...seriously

# Rucola/HotCocoa

# Passengers, unicorns, or Rails 3

# Rockstars, pornstars, or CouchDB

Me

# The state of the Rubies in your Cocoa



I lied...



# About me:

- Eloy, pronounced like 'alloy'.
- Hence, my nickname is @alloy.
- 28 year old web-developer at Fingertips, Amsterdam.
- Occasional Rails contributor.
- RubyCocoa and MacRuby core member:
  - Resident test-coverage-nagger.
  - Which translates to my main responsibility being maintaining the test/spec coverage.

# RubyCocoa

A Ruby 1.8 to Cocoa bridge, created by FUJIMOTO Hisakuni in '01.

# RubyCocoa problems

# The solution?

# MacRuby

Scientifically put; not just hard, but EMMSMH hard.

(Exceptionally-mega-mega-super-mega-hard hard.)

# MacRuby

I've lied again, I'll name one rock/pornstar, Laurent Sansonetti von Apfel. He started late '07.

# Classes

Object inherits from NSObject, String inherits from NSString, etcetera.

# Selectors

## Objective-C:

```
[dict setValue:@"the plumber" forKey:@"joe"]
```

## RubyCocoa:

```
dict.setValue_forKey("joe", "the plumber")
```

## MacRuby:

```
dict.setValue("joe", forKey:"the plumber")
```

# Threads

Although 'green thread' sounds environmentally friendly, it's not in an environment which uses kernel threads.



# Garbage collector

# LLVM

For them tight-ass machine codes we've all been hearing so much about.

# Performance and obfuscation

AOT compilation

[MacRuby-devel]  
Another  
meaningless  
benchmark

# But, there's more...

Grand Central Dispatch

# ¿iPhone?

I know it's been the only question on your mind...

# iPhone

Yes.

Well, probably. The issues in getting it to run are that MacRuby should compile to machine code, which is solved by using LLVM's AOT dance, and garbage collection. The latter needs to be implemented, but is doable.

The chance of it happening before the iPhone's demise amounts to  $\pm$ big.

# Compatibility

MacRuby currently passes about 91% of the language specs, 80% of the core specs, and 72% of the library specs.



# Helping out

RubySpec coverage & fix bugs.

# That's all folks

`http://github.com/alloy/rubyenrails09`

`http://www.macruby.org`

`#ruby-osx on IRC`

`Mailling list: http://bit.ly/mR32w`

`@macruby`

`@lrz, @vincentisambart,  
@importantshock, @benstiglitz,  
@alloy, @mattetti, @rich_kilmer`