Refactoring Java to Rails

Nick Sieger

RubyConf India 2011

REFACTORING

IMPROVING THE DESIGN OF EXISTING CODE

MARTIN FOWLER

With Contributions by Kent Beck, John Brant, William Opdyke, and Don Roberts

Foreword by Erich Gamma

Object Technology International Inc.

OBJECT TECHNOLOGY SERIES

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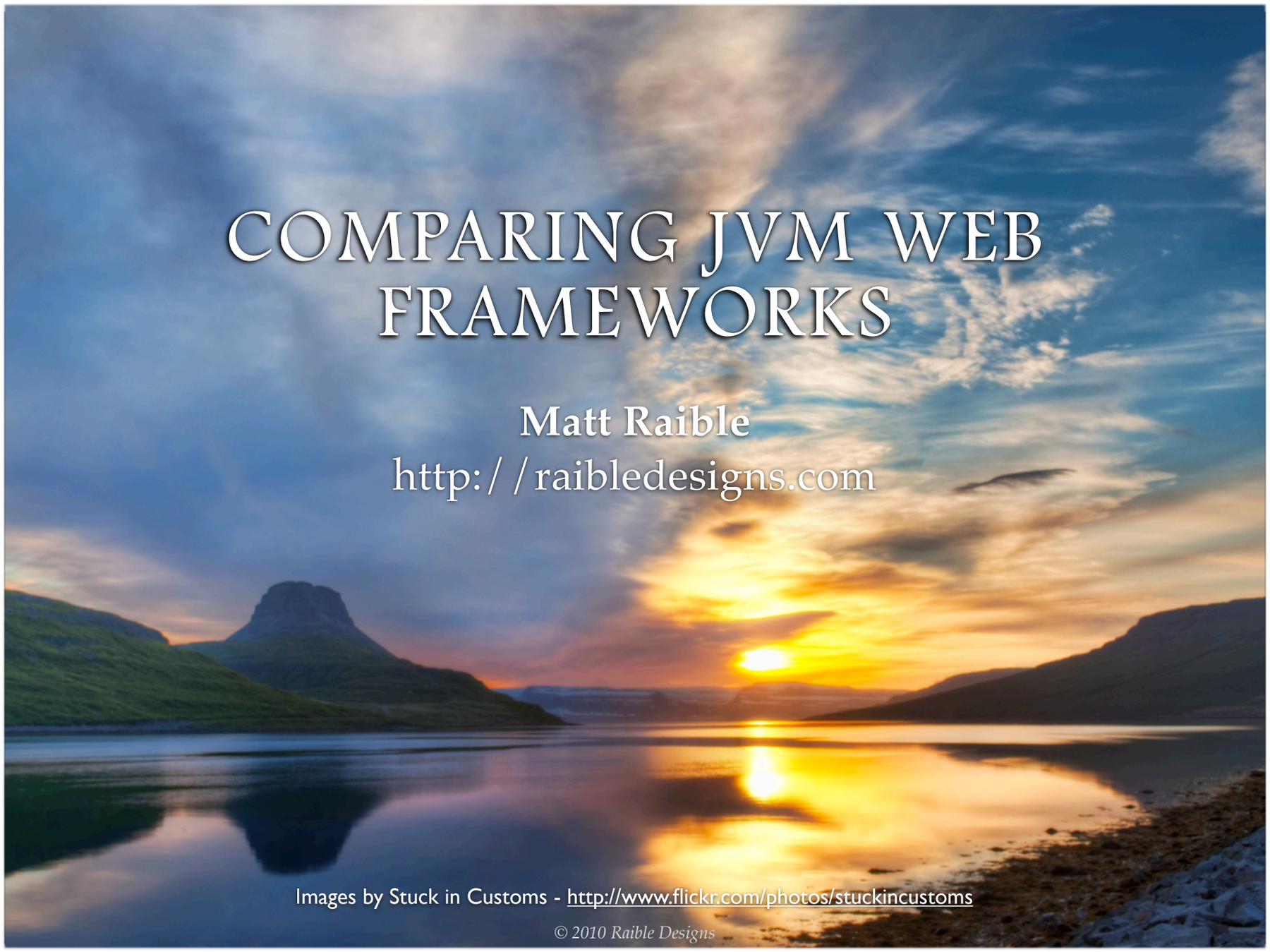
Introduce Language

Extract Rails Controller

Rails...for Java?



http://j.mp/raible-jvm-frameworks

JRuby 1.6

largest release to date!

ruby 1.9.2 • c-ext • perf • dynopt • java

Enterprise Software

long-running projects
with legacy codebases

Sagrada Família, Barcelona, Spain

nativity facade

passion facade

scaffolded interior

Ryugyuong Hotel, North Korea

2005

2010

seismic retrofit

Szkieletor, Kraków, Poland

Metaphor	Use Ruby, JRuby, and Rails to...
Sagrada Familia	• Build new facade faster • Scaffolding during refactoring
Ryugyong Hotel	• Revive a project with a new face
Seismic retrofit	• Reinforce business rules with a DSL • Harden security
Szkieletor	• Find novel uses for abandoned code

https://github.com/nicksieger/refactoring-to-rails

Prerequisites

JDK • Maven • JRuby • Git

Progression

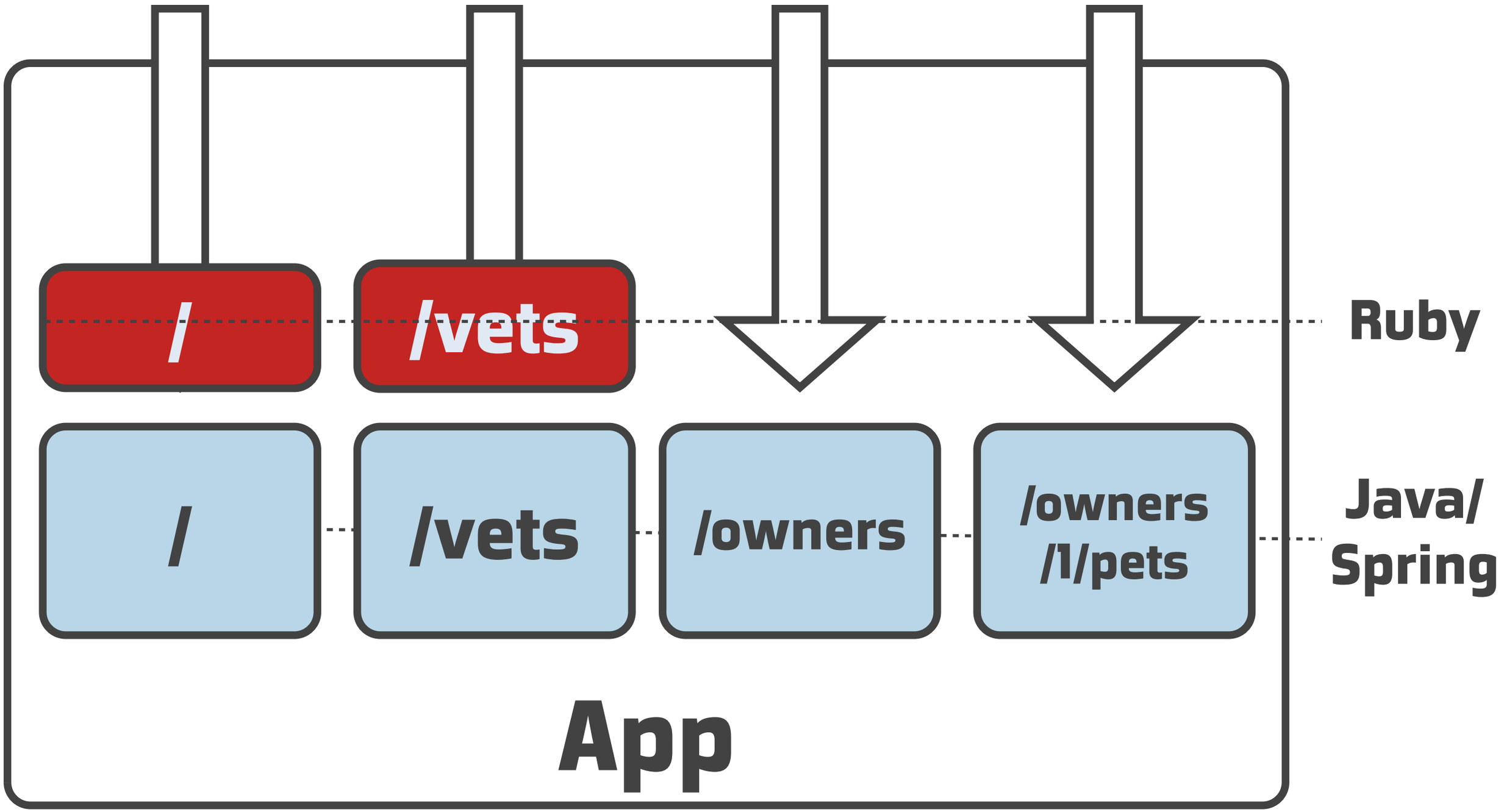
Small

Give Ruby a foot in the door

Medium

Layer on the Rails

Requests



Large

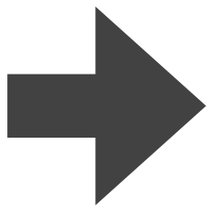
Full-on Rails development

TIMTOWTDI

(there is more than one way to do it)

LinkedIn

SiteMesh



JSP

+

Sinatra

```
<html>
 <head>
 </head>
 <body>
  ###
 </body>
</html>
```

```
<div>
 <h1>App</h1>
</div>
```

http://j.mp/

jruby-meetup-videos

The Pragmatic Programmers

Using JRuby

Bringing Ruby to Java

Charles O Nutter,
Nick Sieger,
Thomas Enebo,
Ola Bini, and
Ian Dees

Edited by Jacquelyn Carter

The Facets of Ruby Series

Nick Sieger

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Thank you!

Images

http://en.wikipedia.org/wiki/File:Sagrada_Familia_01.jpg
http://www.flickr.com/photos/koocheekoo/38407225/
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