

JRuby in the Enterprise

Leonardo Borges

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Who am I?

- Consultant at ThoughtWorks Australia
(former developer at HotelSearch.com)
- Open source contributions
 - Rails
 - JRuby
 - rcov_plugin
 - readable_test_names_runner
- Blogger
 - www.leonardoborges.com
- First time speaker

Who are you?

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- Ruby?

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- Rails?

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Why are you here?

Why JRuby?

- Better threading support
- Improved performance
- Java integration (with a vast array of libraries)
- Active community
- Full Ruby 1.9 support on the way
- Leverage the knowledge of an existing team
- Reuse existing logic
- Testing

...but before we get dirty

Java integration: Ruby meets swing

Java Integration

Ruby meets swing

```
frame = javax.swing.JFrame.new("Hello Rails Summit 2009!")
frame.setDefaultCloseOperation(javax.swing.JFrame::EXIT_ON_CLOSE)
frame.setSize(java.awt.Dimension.new(200,200))
label = javax.swing.JLabel.new("JRuby rocks!")
frame.getContentPane.add(label, java.awt.BorderLayout::CENTER)
frame.setVisible(true)
```

Java Integration

Ruby meets swing

```
frame = javax.swing.JFrame.new("Hello Rails Summit 2009!")  
frame.default_close_operation = javax.swing.JFrame::EXIT_ON_CLOSE  
frame.size = java.awt.Dimension.new(200,200)  
label = javax.swing.JLabel.new("JRuby rocks!")  
frame.content_pane.add(label, java.awt.BorderLayout::CENTER)  
frame.visible = true
```

Case Study

Introducing JTasks

Extending the Case Study

listing tasks with JRuby

What's next?

JRuby 1.4 RCI is out...

- 1.8.7 compatible
- Improved 1.9 Compatibility
- Java method selection and Coercion API
- Ruby2Java in the core API
- and more...

Conclusion

Q&A

References

- www.engineyard.com/blog
- www.jruby.org
- www.leonardoborges.com
- github.com/leonardoborges/readable_test_names_runner

Slides / Source code

- <http://github.com/leonardoborges/railssummit09>