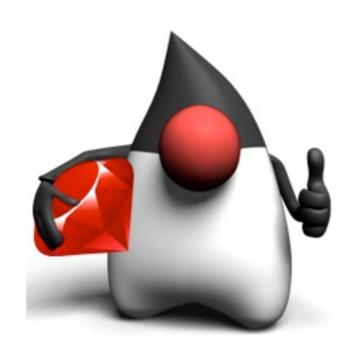
# JRuby in the Enterprise Leonardo Borges

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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

• Ruby?

- Ruby?
- Rails?

- Ruby?
- Rails?
- Java?

- Ruby?
- Rails?
- Java?
- JRuby?

- Ruby?
- Rails?
- Java?
- JRuby?

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 I.4 RCI is out...

- 1.8.7 compatible
- Improved I.9 Compatibility
- Java method selection and Coercion API
- Ruby2Java in the core API
- and more...

#### Conclusion



#### 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