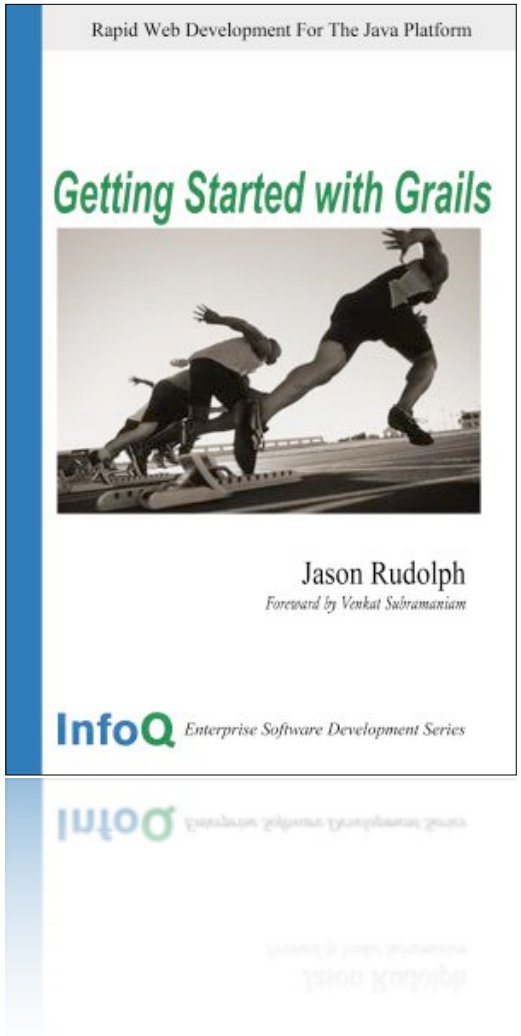
SKILLS MATTER

EJB3 Entities & Grails

2007

GRAILS eXCHANGE

http://www.grails-exchange.com | http://www.grails.org | http://skillsmatter.com



Introduction

- Jason Rudolph
- Grails Committer
- Principal @ Relevance
- Author

WARNING
SCAFFOLDING
IN PROGRESS

Why Annotate?

- Standards-based POJOs
- Reuse elsewhere
- Not tied to Grails

Full Power of GORM

- Dynamic persistence methods
- Declarative constraints
- Easy scaffolding

Map to Deviant Schemas

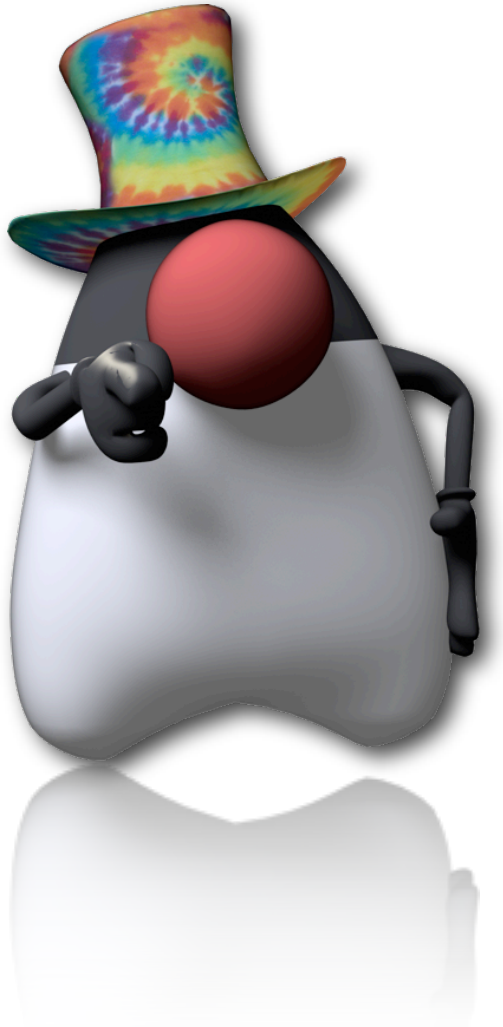
- Non-conforming table/column names
- Custom sequences
- Complex keys
- Advanced mappings

From Zero to EJB3

Demo

EJB3 Step-by-Step - Part 1

- Start with Java 5 (or higher)
- Find your database
- Brew some POJOs



Pimp My EJBs

Demo

EJB3 Step-by-Step - Part 2

- Add POJOs to src/java
- Update DataSource.groovy
  - configClass = GrailsAnnotationConfiguration.class
- Define hibernate.cfg.xml

Show Some Constraint!

Demo

The Power of Constraint

- Place constraint scripts alongside POJOs
- **Foo.java** maps to **FooContraints.groovy**
- Groovy scripts, not classes

All or Nothing?

Demo

A Groovier Solution

Demo

Other Mapping Strategies

- GORM DSL <Brand new for 1.0!>
  - grails.org/GORM+-+Mapping+DSL
- Hibernate XML
  - Legacy DB Integration with Hibernate & Grails (Tomorrow @ 12:00)
- JPA (Coming soon)

Going Further with GORM

- GORM outside of Grails
  - grails.org/gorm+-+standalone+gorm
- Java on GORM
  - jroller.com/page/ie?entry=java_on_grails

Resources

- GORM Documentation
  - grails.org/gorm
- Grails + EJB3 Tutorial
  - infoq.com/articles/grails-ejb-tutorial

Resources (cont'd)

- Mailing List
  - grails.org/mailing+lists
- Hibernate Tools
  - hibernate.org/255.html

Slides & Examples Available @ jasonrudolph.com/downloads

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