

Developer Tech Talks

Brown Bag Technical Discussions

Brown Bag Intentions

I've always loved conferences, but with modern IT budgets and schedules, it's often difficult to go to conferences. Fortunately, we don't have to wait around for a conference to learn new things.

We can just have our own conference.

Sit Back, Relax



This is a safe, open forum to exchange technical ideas and have meaningful discussions.

Hopefully for about 45 minutes.

All code is at Github:

Spring Talk Outline

- Meet Spring 3.1
- Crash Course in Spring
- Conclusions

Meet Spring 3.1

3.1 RCI just released

<http://www.springsource.com/download/community>

(or use your dependency manager)

Meet Spring 3.1

What is Spring and why do I care?

Pat Answer: Dependency Injection?

Spring Patterns

Spring Ecosystem

Spring vs X

Meet Spring 3.1

What is Spring and why do I care?

Better Answer: Spring helps me write quality software faster.

Spring Patterns

Spring Ecosystem

Spring vs X

Meet Spring 3.1

Spring Patterns

Core Pattern: Dependency Injection

Eric Evan's Style DDD

MVC

*... and a bunch of
other stuff ...*

We'll cover all of this stuff during the crash course section.

Meet Spring 3.1

Spring Ecosystem *Lot's of stuff beyond the core.*

Web Flow .NET AMQP Grails
Roo Groovy Web Services
Python Social Data
RabbitMQ Virgo RT
Eclipse STS LDAP Android BlazeDS
Security Flex EIP Integration GemFire

We'll only focus on a small section of all this during the crash course section.

Meet Spring 3.1

Spring Ecosystem *Lot's of stuff beyond the core.*

Wicket .NET AMOR Grails

Assertion: Once you've
learned one part of Spring, it's
easy to learn the other parts.

Security

GemFire

We'll only focus on a small section of all this during the
crash course section.

Meet Spring 3.1

Spring vs X

EJB3

Google Guice

Roll Your Own

What's new in Spring 3.1?

Focus on two areas:

XML Free Spring Basics
XML Free Spring RESTful Web Services

... with some other things sprinkled in along the way...

Crash Course in Spring

Injection

Traditional
Java Configuration

What is a Spring “container”?

Crash Course in Spring

What is a Spring “container”?

Crash Course in Spring

Demo and Code

Crash Course in Spring

What about the patterns?

Eric Evan's Style DDD

MVC

Crash Course in Spring

Autowiring

How does it work?

Crash Course in Spring

Demo and Code

Crash Course in Spring

Autowiring Conceptual Model

Crash Course in Spring

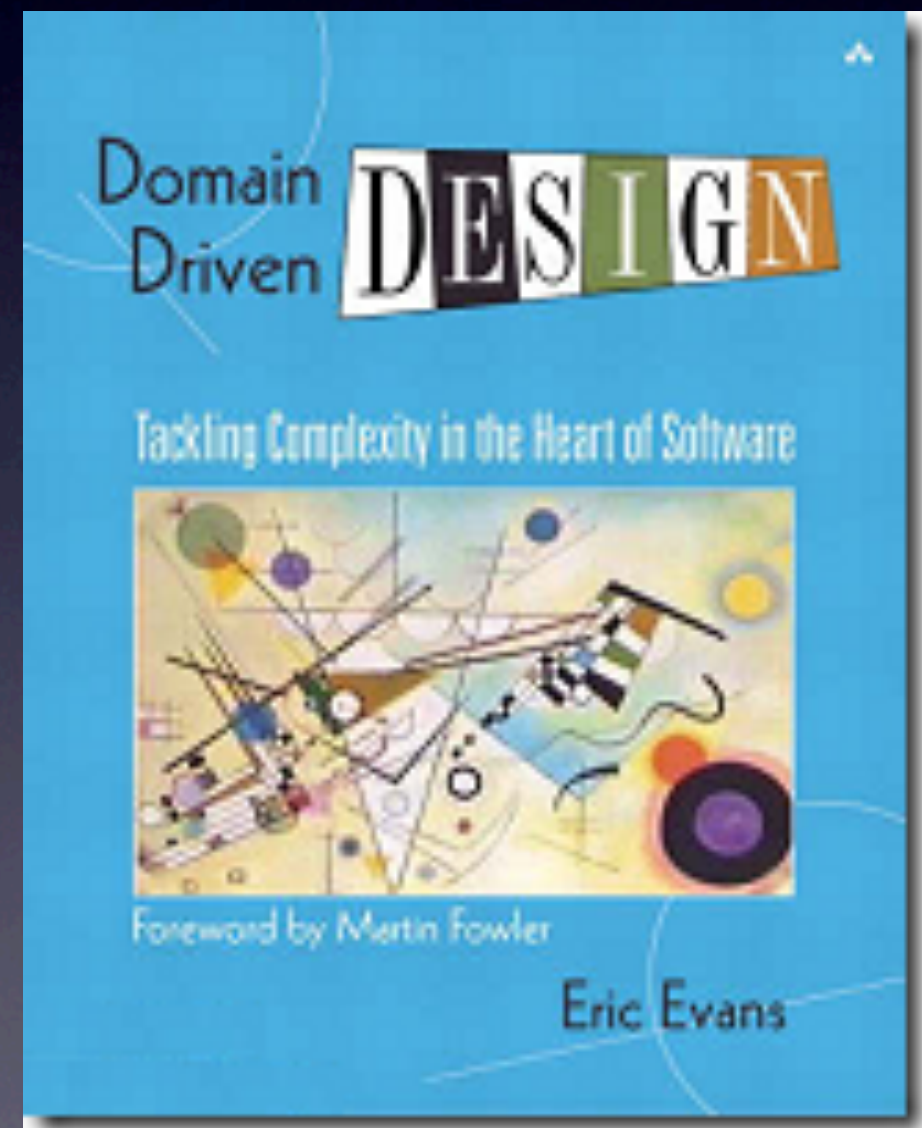
Autowiring Issues

Crash Course in Spring

Demo and Code

Crash Course in Spring

Support for DDD



Crash Course in Spring

Demo and Code

Crash Course in Spring

Support for MVC

Crash Course in Spring

Demo and Code

Crash Course in Spring

Review of Misc Items We Used

Crash Course in Spring

Demo and Code

Conclusions

Did Spring show any promise?
How can it be used in my application?
When does Spring really shine?

When is Spring not a good fit?