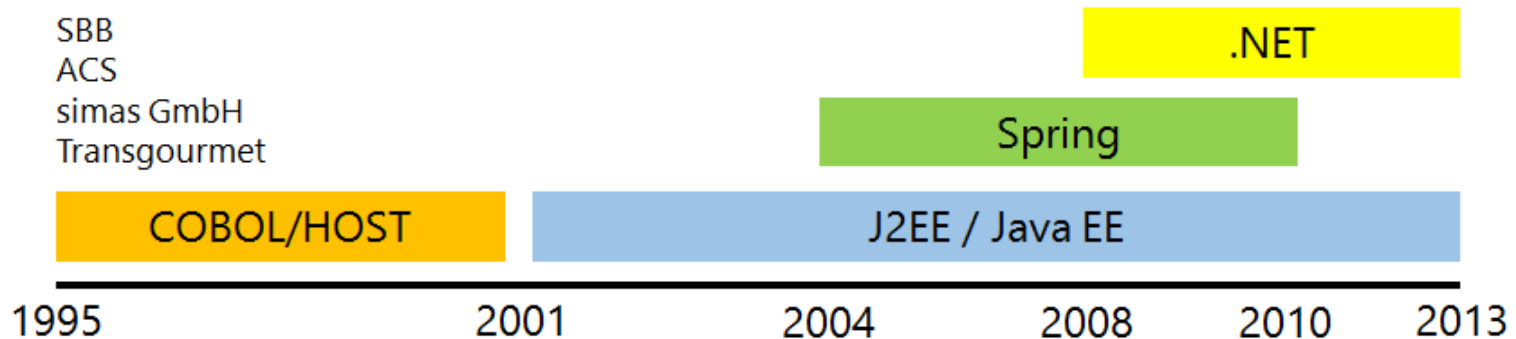


# Update Java EE

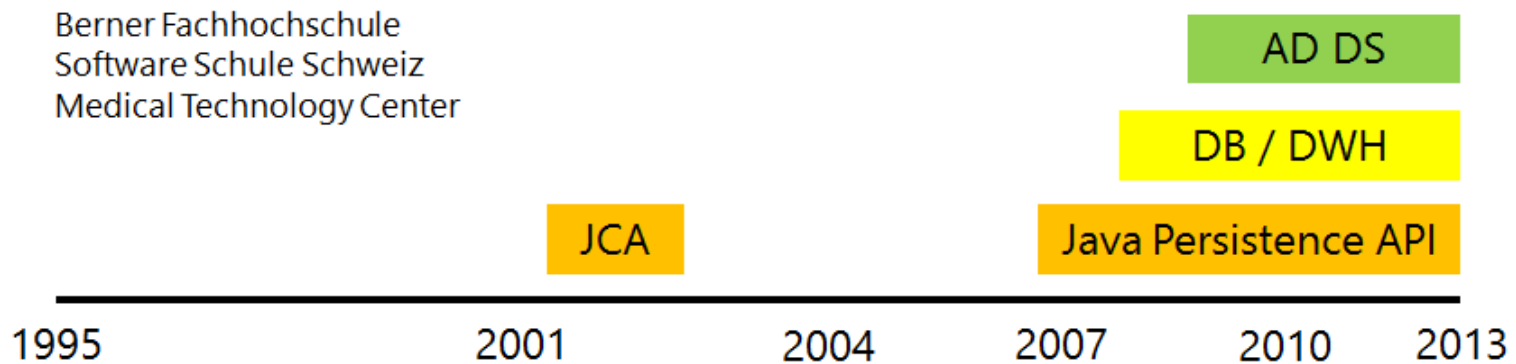
eduCamp  **Fuerteventura 2013**

# About Me

## Development



## Training



AD JEE = Architektur und Design Java EE / AD DS = Architektur und Design verteilter Systeme

# Overview



# There is nothing named JEE! Never use that name!

## The correct short name is "Java EE"

When the enterprise Java platform was first introduced, it was called "Java 2 Platform, Enterprise Edition", with the abbreviation "J2EE". When we revised the naming of the Java platform, we didn't just drop the "2".

One of the big reasons we changed the names of the platforms is because we wanted to emphasize that they're all "Java". The old names of "J2EE", "J2SE", and "J2ME" don't do that. Java is what's important to us. Java is why we're here. Java is the value we share. We need to make that clear to the world by talking about "Java EE".

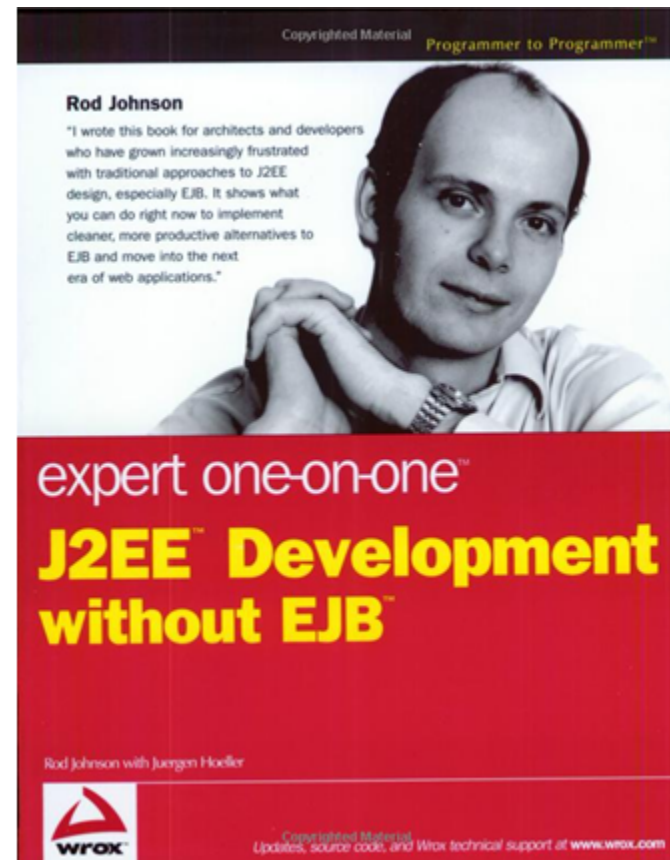
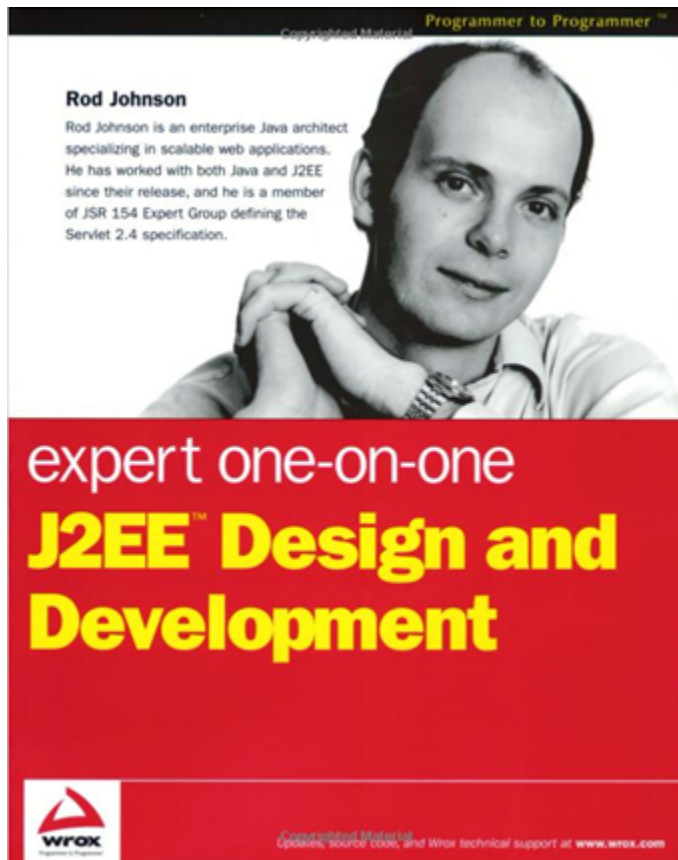
Please, use only the correct name "Java EE". If that's too much to say or type, call it "EE". (No, not "double-E".)

Thanks.

Bill Shannon, Java EE Spec Lead



# Two Books Changed the World



# Spring gegen JavaEE

## Java Enterprise Edition (JavaEE)

EJB

JCA

JPA

JSF

JSP

JNDI



ORACLE



## Spring Framework

POJO

POJI

IoC

DI

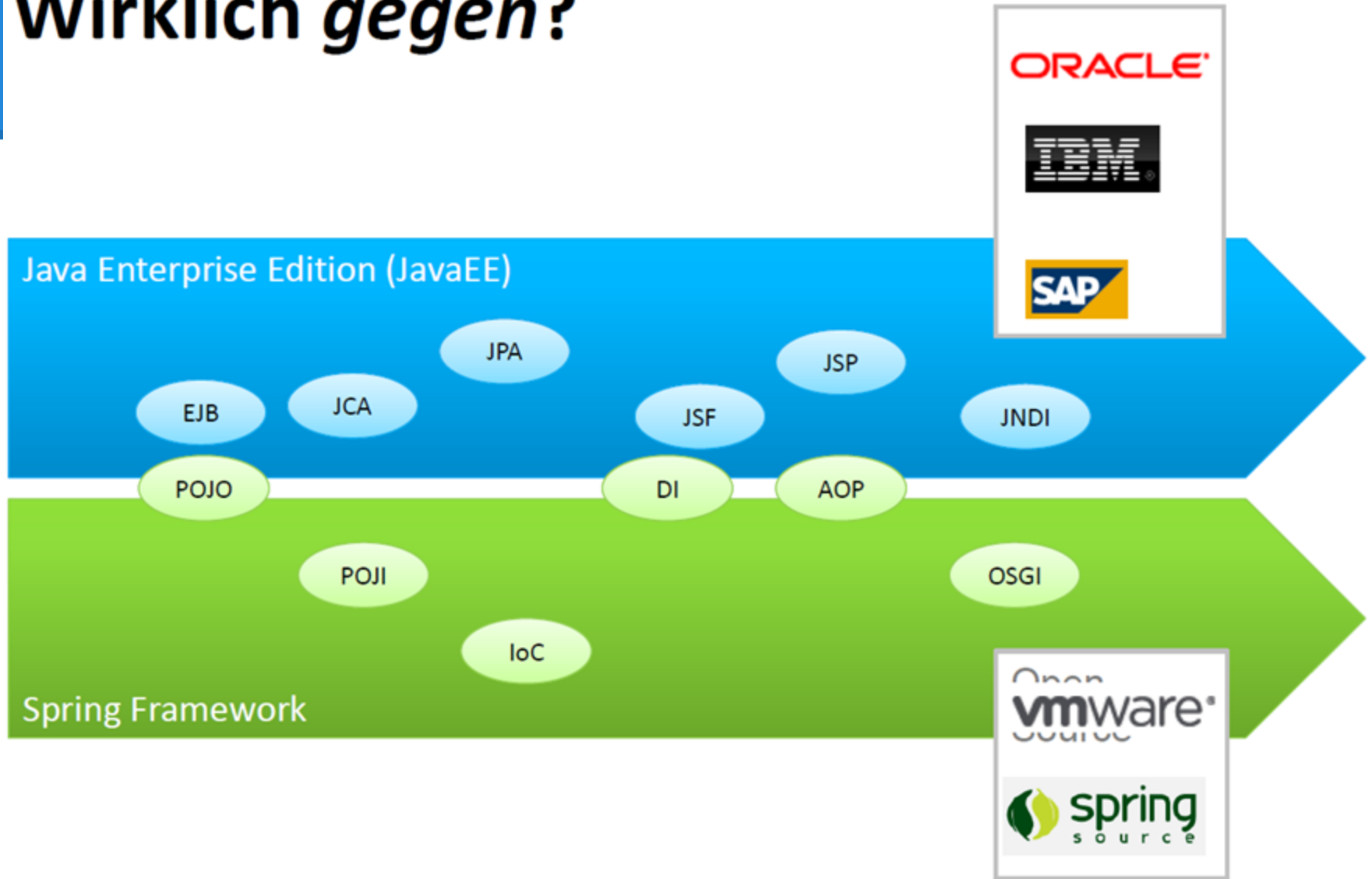
AOP

OSGI

Open  
Source



# Wirklich *gegen*?





# Quotes

«Frameworks like Spring are really just a bridge between the mistakes of the J2EE past and the success of Java EE future»

*The age of frameworks is over, Cameron McKenzie*

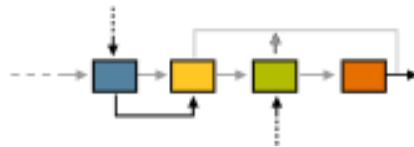
«Due to Springs early success and adaption, Java EE is pushed to greatly simplify the Java EE programming model...»

*Spring vs. Java EE and why I don't care, Eberhard Wolff*

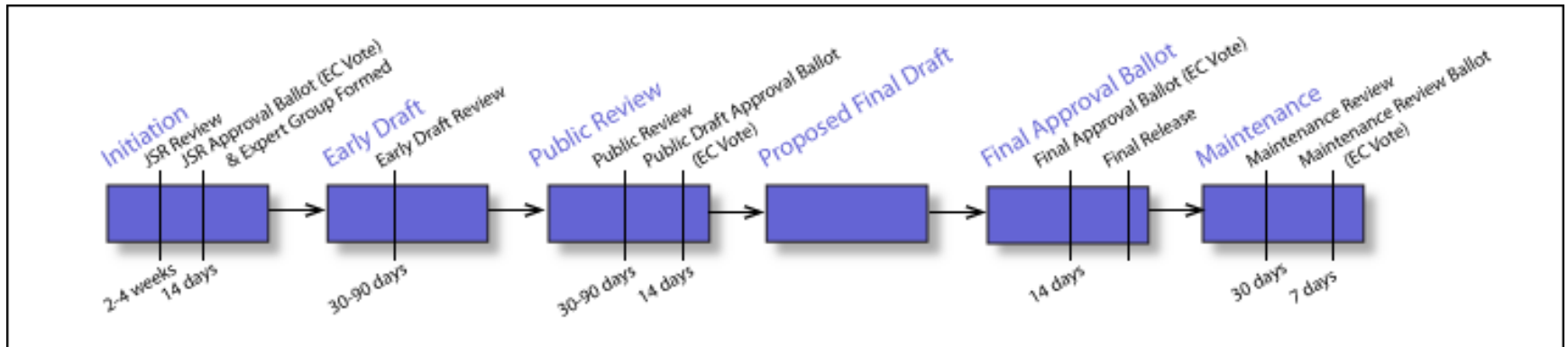
# Java Community Process



Java  
Community  
Process



Community Development of Java Technology Specifications



# Java EE Expert Group

## Expert Group

Adam Bien

Fujitsu Limited  
: Minehiko IIDA

Antonio Goncalves

IBM  
: Kevin Sutter

Oracle  
: Bill Shannon

RedHat  
: Jason Greene

TongTech Ltd  
: Ming Li

David Blevins

Fujitsu Limited  
: Minoru Nitta

Alex Heneveld

Werner Keil

OW2  
: Florent Benoit

RedHat  
: Pete Muir

Washburn, Donald

Markus Eisele

Jeff Genender

IBM  
: David Blevins

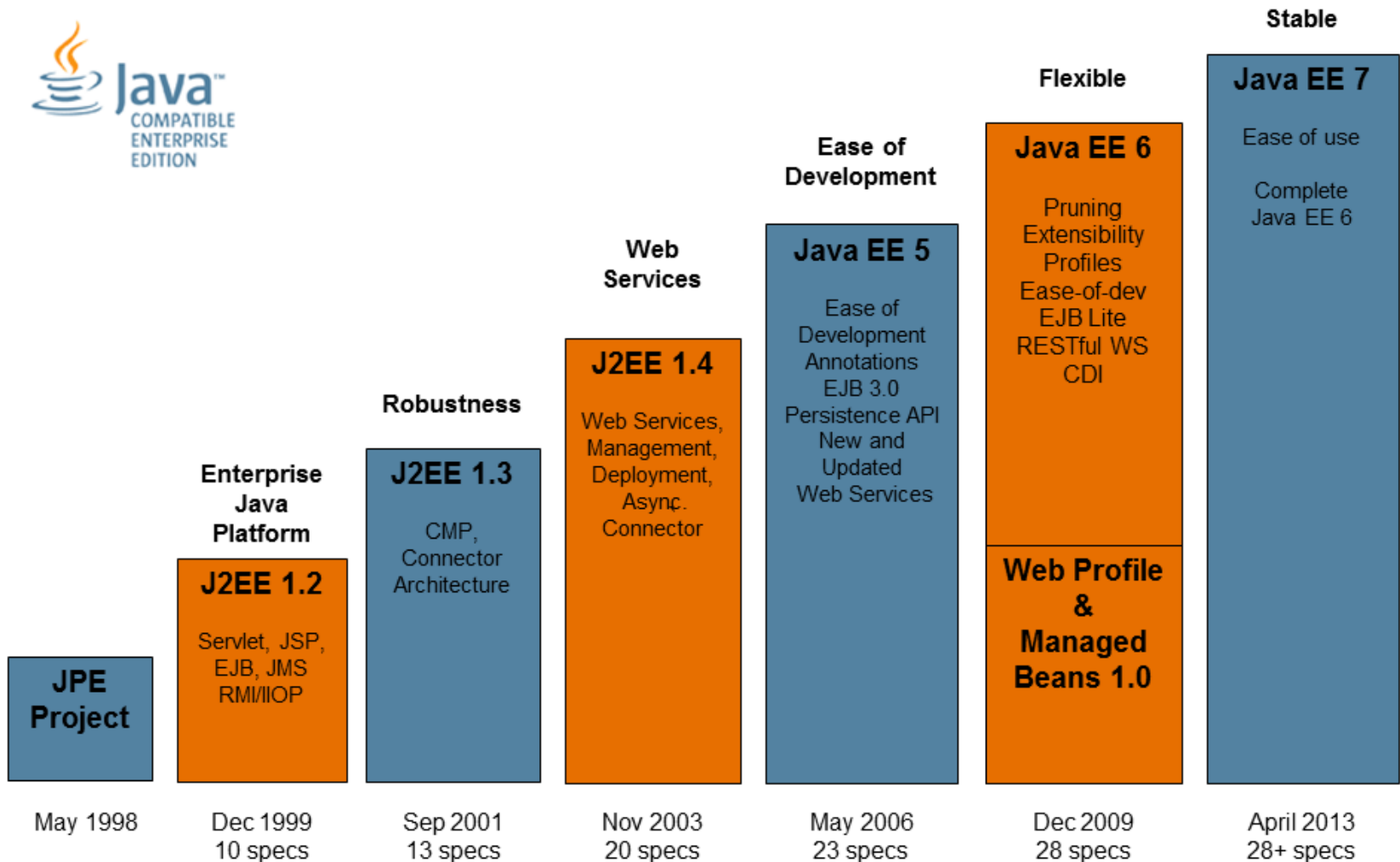
Oracle  
: Linda DeMichiel

Pramati Technologies  
: Deepak Anupalli

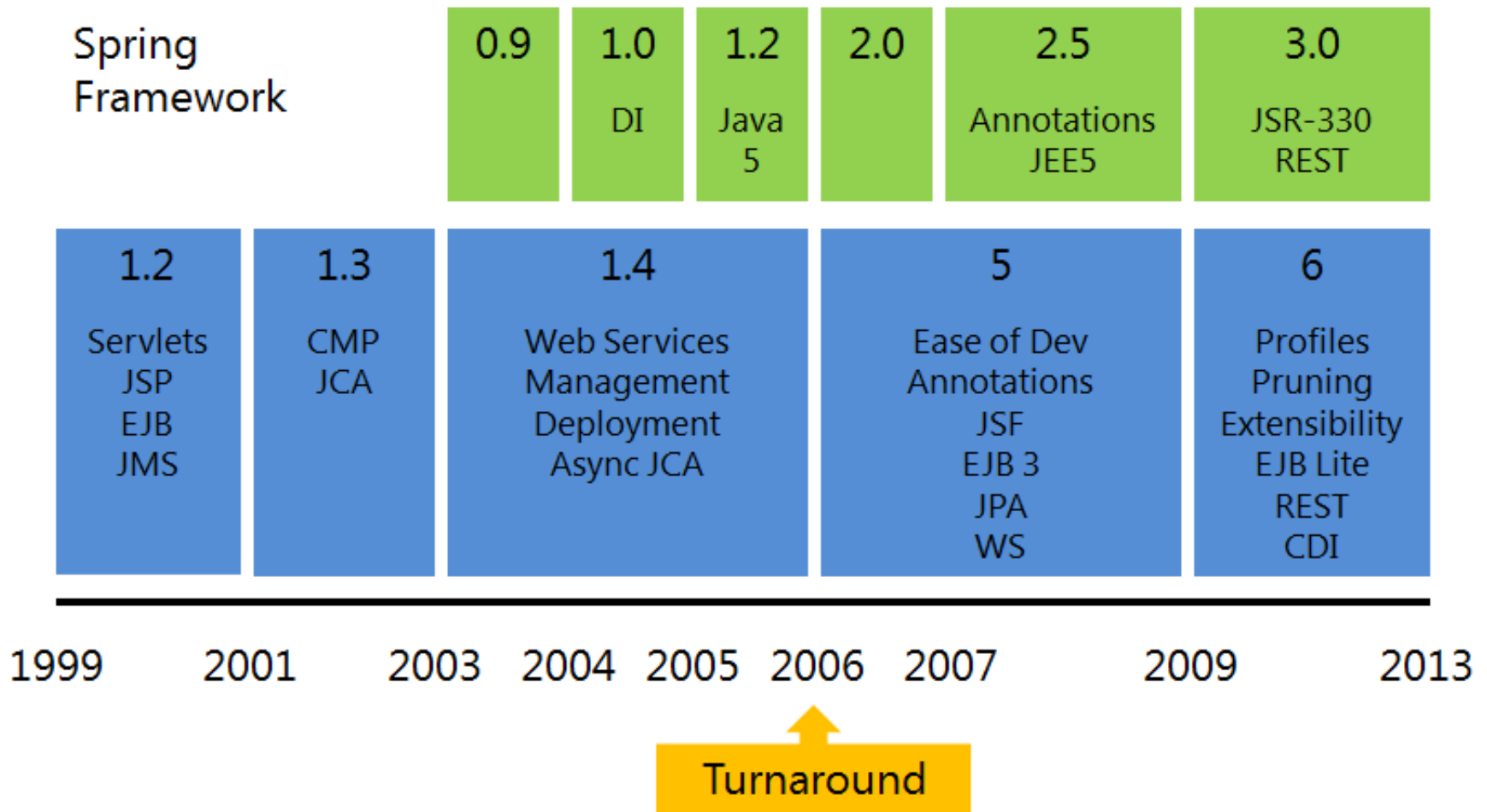
TmaxSoft, Inc.  
: Kyung Koo Yoon

ZeroTurnaround  
: Anton Arhipov

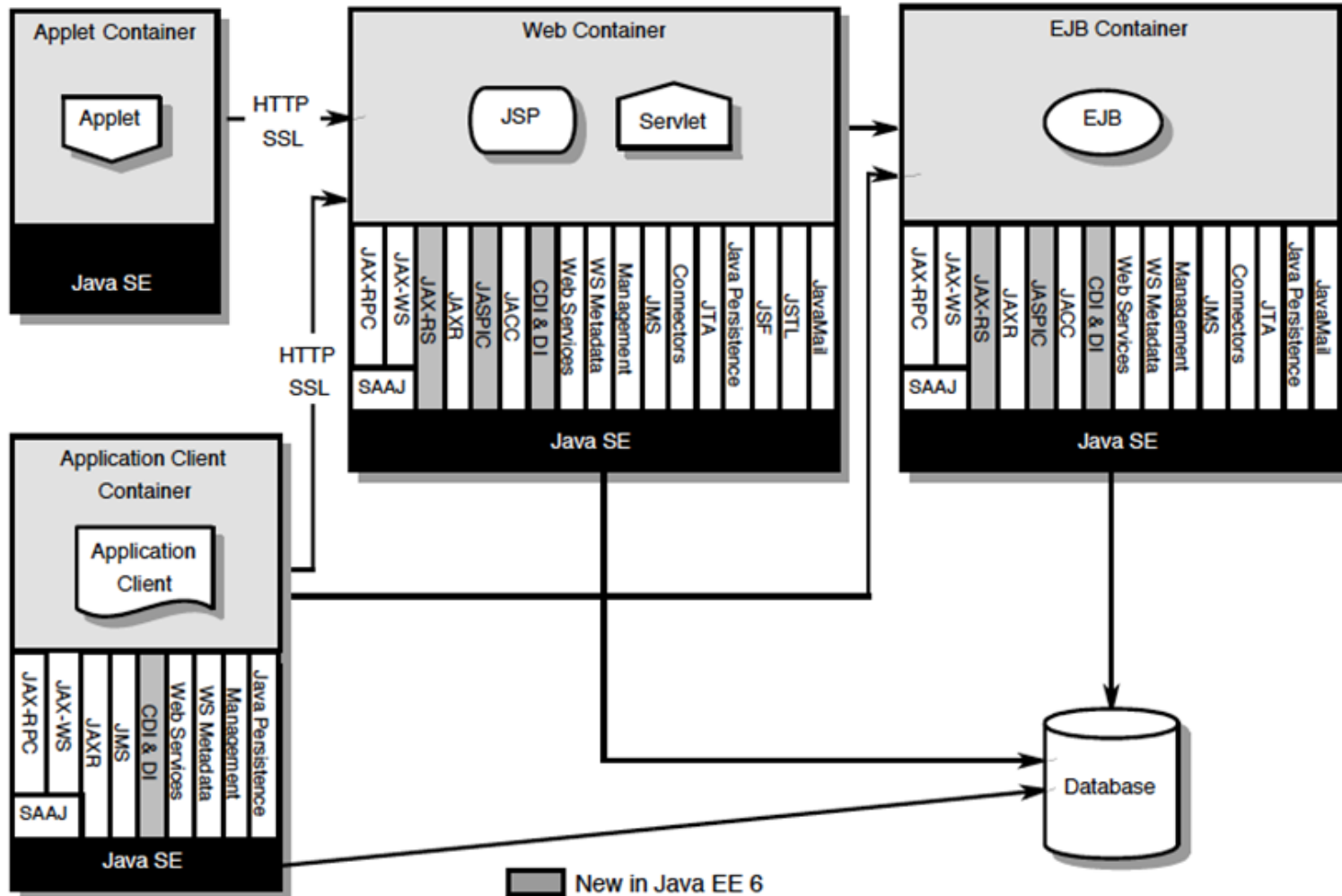
# Versions



# History and Relation to Spring



# It's All About The Container



# Diversity



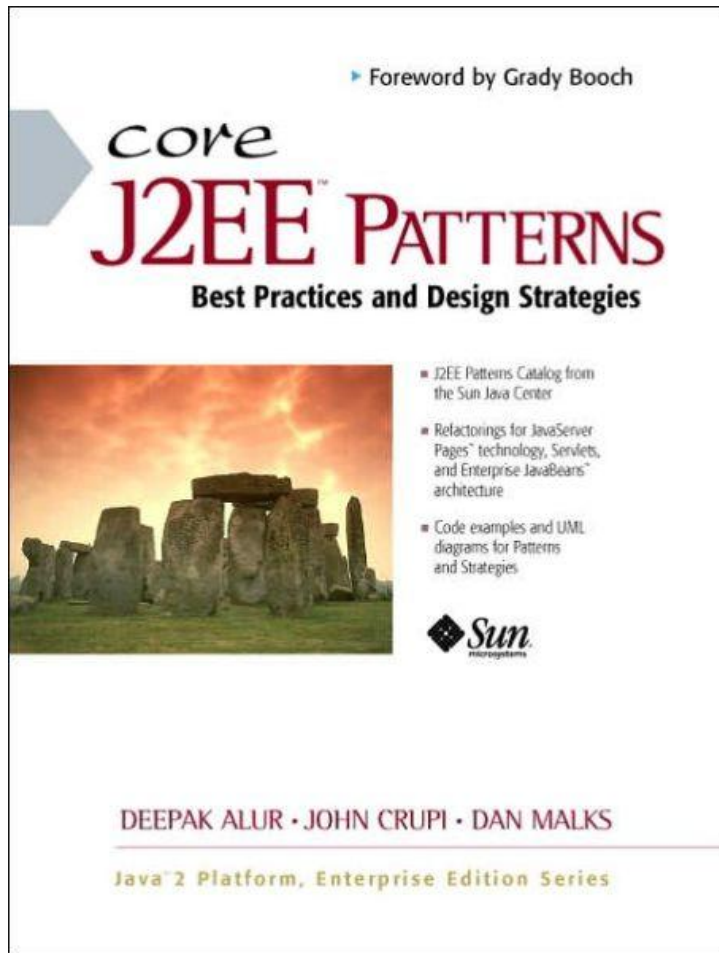
# Workshop Topics



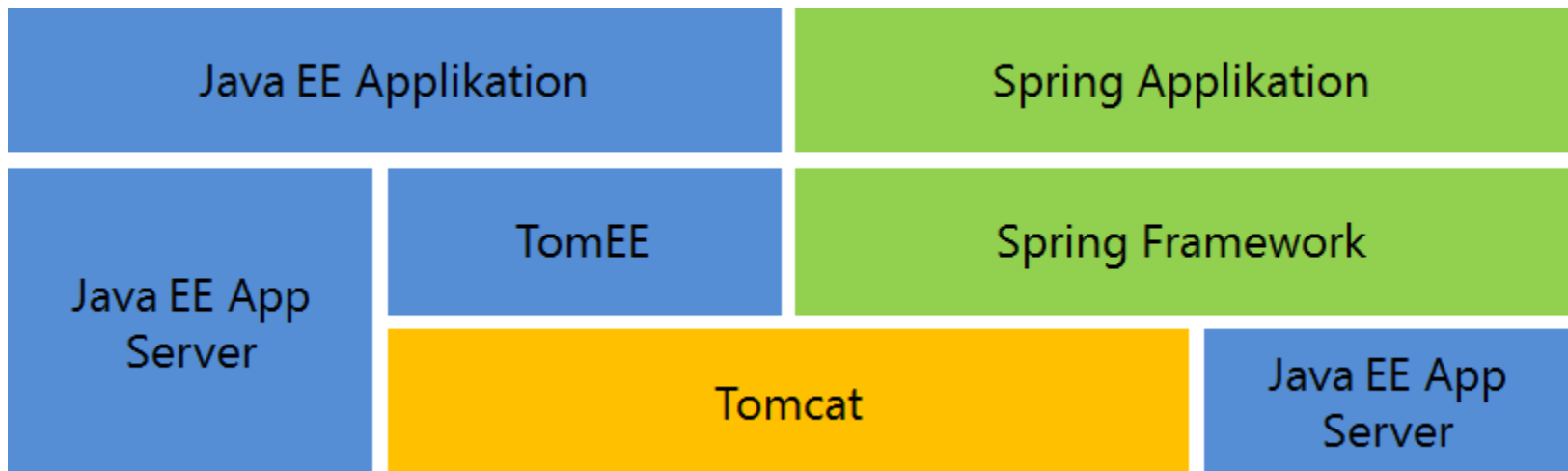
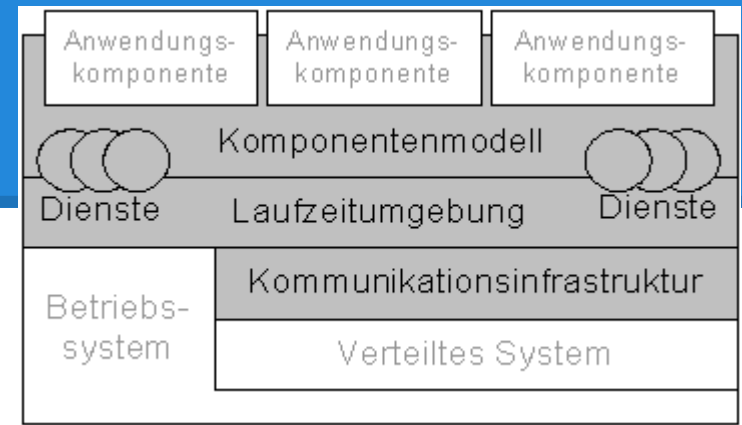
by José María Silvera (http://silvera.net)  
for the Duke University project.



# J2EE Patterns and Architecture



# Application Server



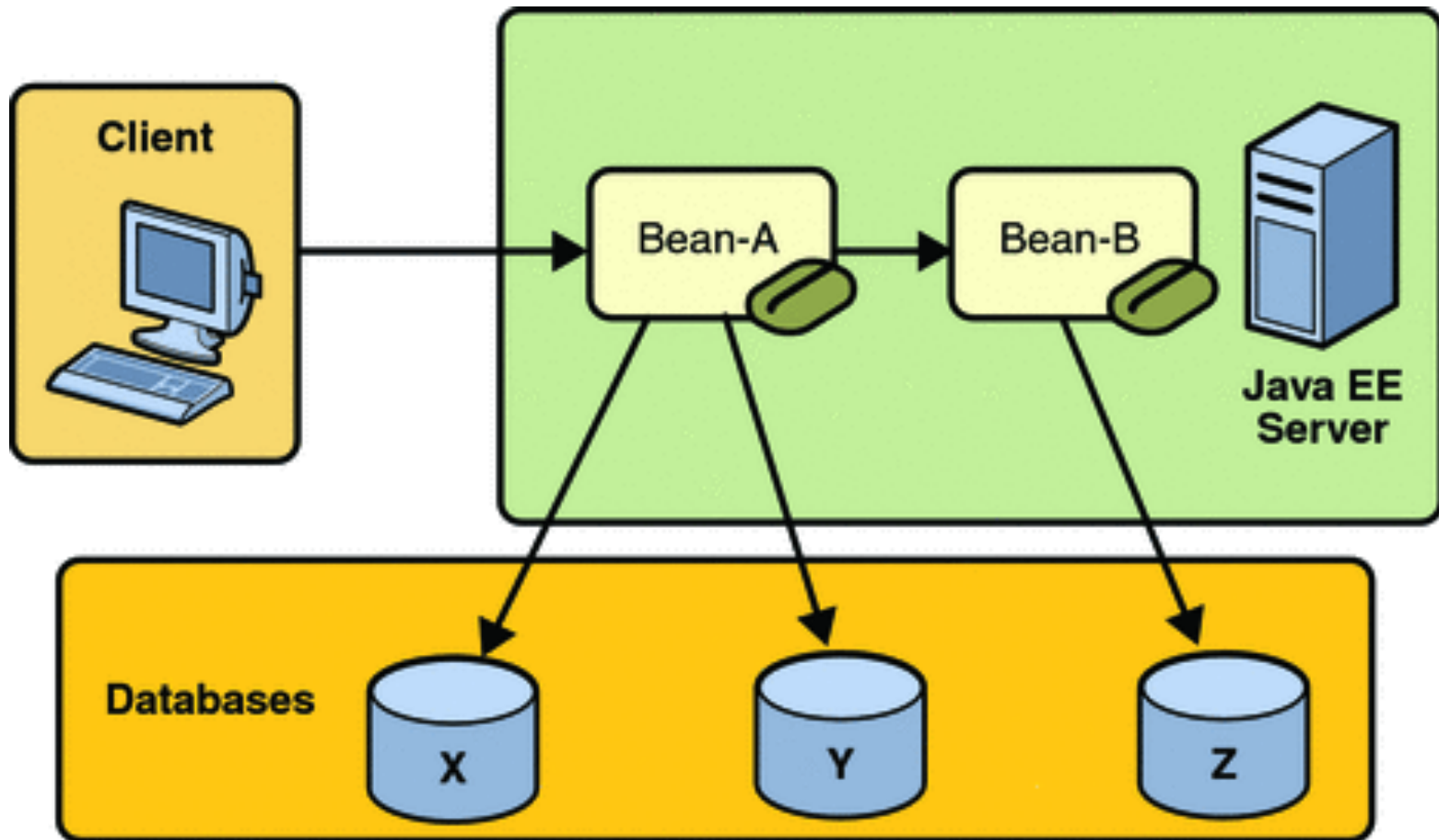
# Dependency Injection

JSR 318: Enterprise JavaBeans 3.1

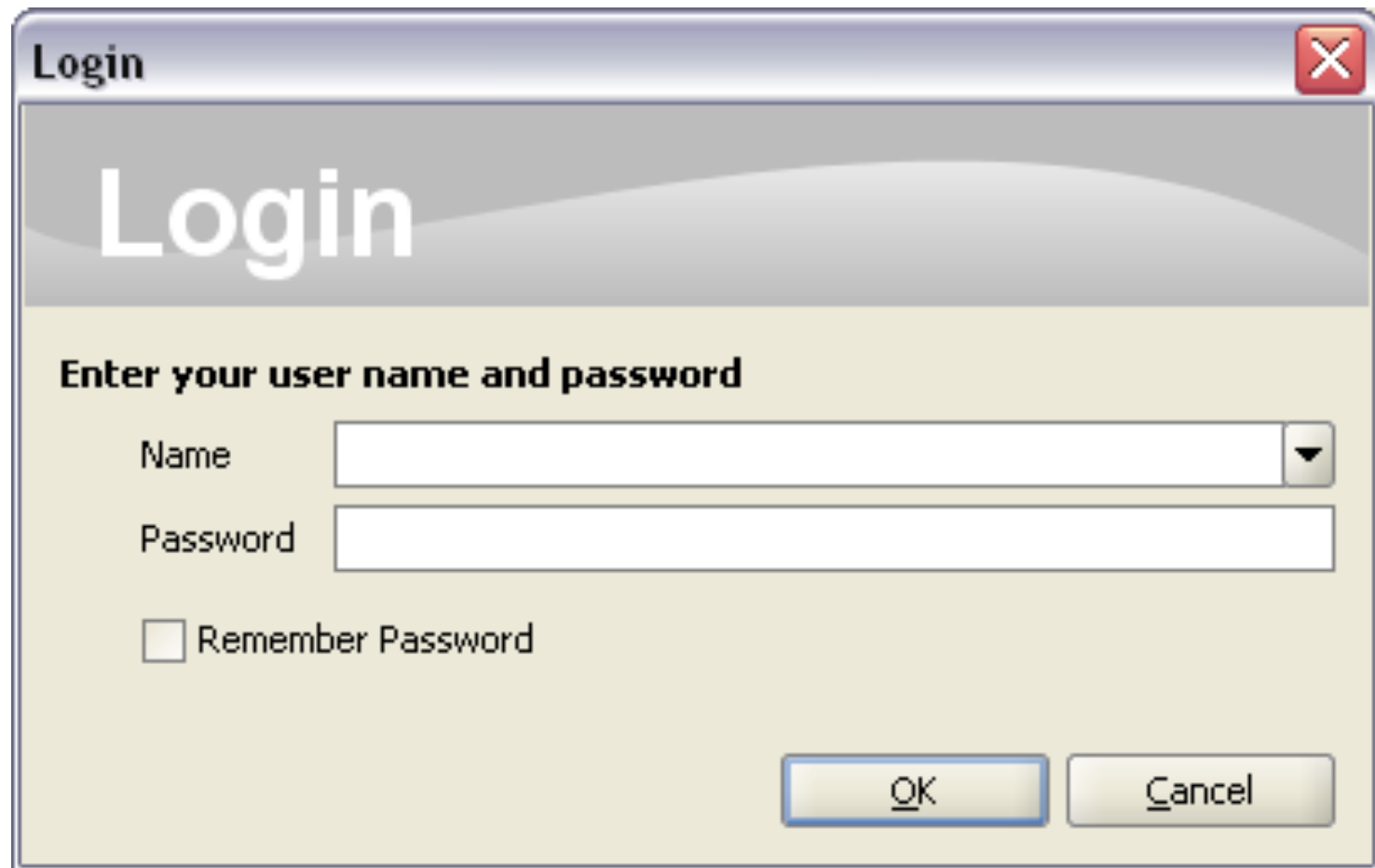
JSR 299: Contexts and Dependency Injection for the Java EE platform

JSR 330: Dependency Injection for Java

# Transactions



# Security



Login

# Login

**Enter your user name and password**

Name

Password

☐ Remember Password

OK Cancel

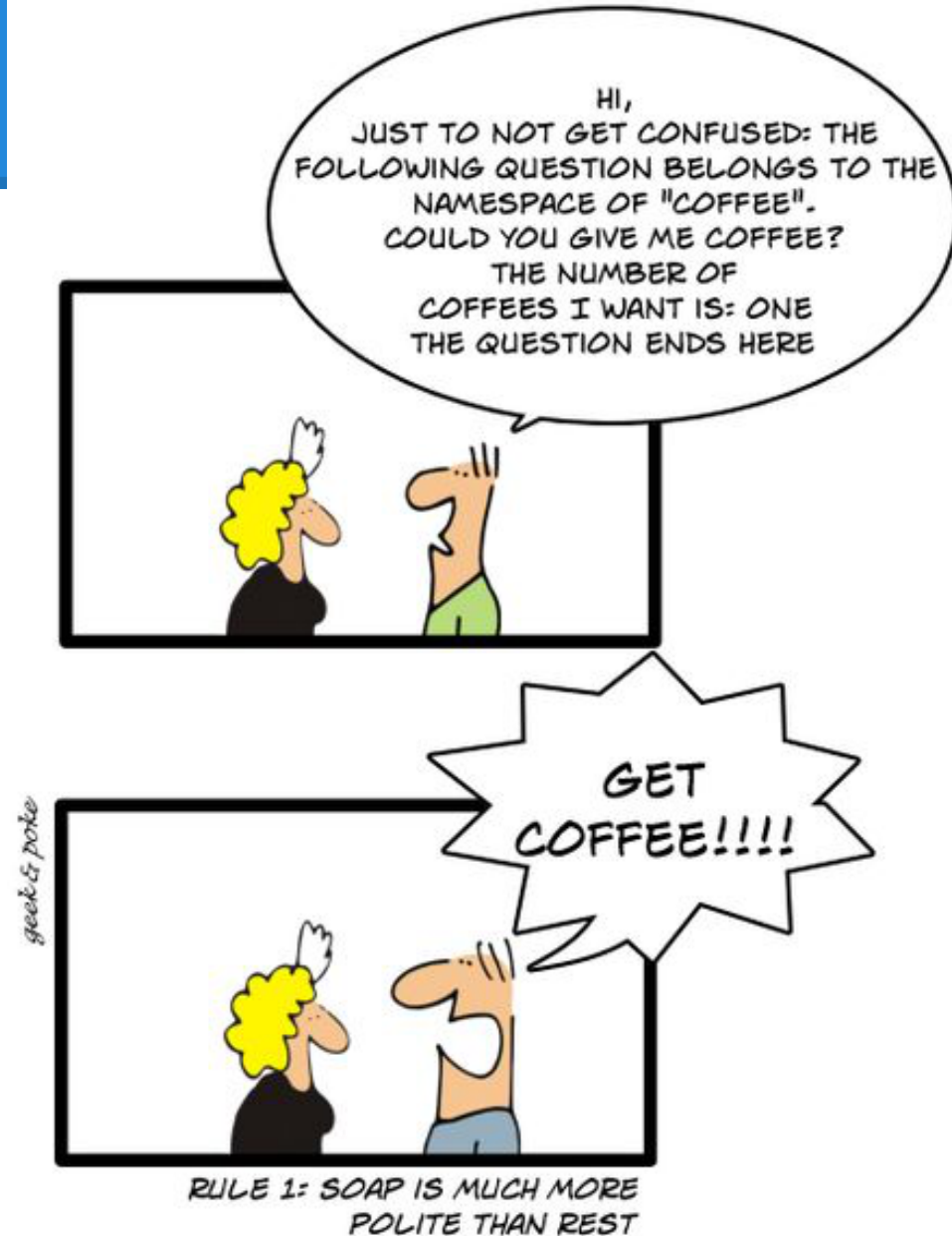
# Web Services

SOAP

or

REST

SERVICE CALLING MADE EASY



# Integration

?



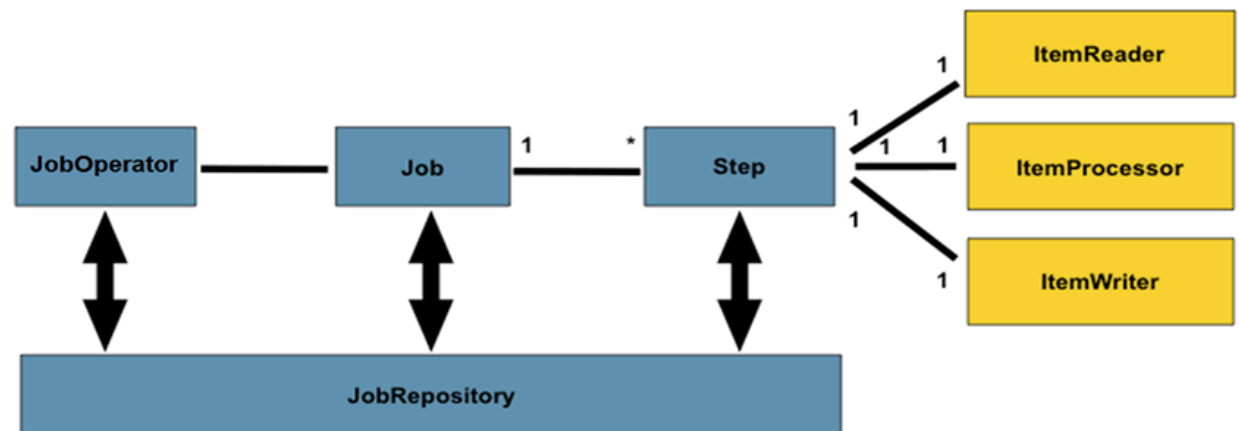
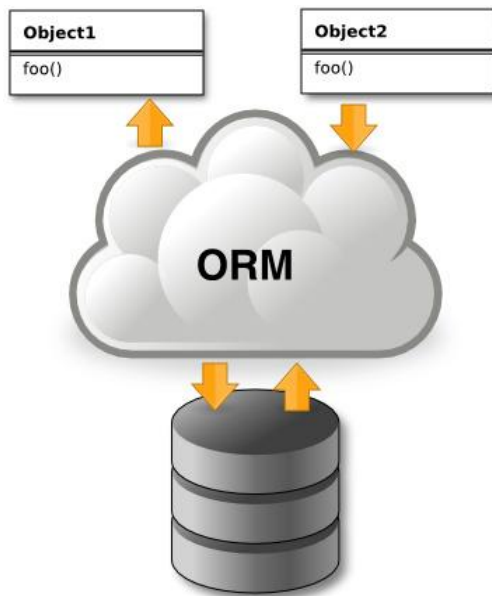
```
Jagacy 3270 - swing3270
File Edit Help
-----
Menu Utilities Compilers Options Status Help
-----
ISPF Primary Option Menu
Option ==>

0 Settings      Terminal and user parameters      User ID . . :
1 View          Display source data or listings    Time. . . : 10:46
2 Edit          Create or change source data       Terminal. : 3278
3 Utilities      Perform utility functions         Screen. . : 1
4 Foreground    Interactive language processing   Language. : ENGLISH
5 Batch         Submit job for language processing Appl ID . : ISR
6 Command       Enter TSO or Workstation commands  TSO logon : SYSUSER
7 Dialog Test   Perform dialog testing           TSO prefix:
9 IBM Products  IBM program development products  System ID : ADCCD
10 SCLM         SW Configuration Library Manager  MVS acct. : 12345678
11 Workplace    ISPF Object/Action Workplace     Release . : ISPF 5.6
S SDSF         SDSF Panels
D DB2          DB2 Product, SPUFI and DB2 Commands
A DB2ADM       DB2 Administration Tools
M More         Additional IBM Products

Enter X to Terminate using log/list defaults
PF 1=HELP      2=SPLIT      3=END        4=RETURN     5=RFIND      6=RCHANGE
PF 7=UF        8=DOWN       9=SWAP      10=LEFT     11=RIGHT    12=RETRIEVE

Connected
```

# Miscellaneous





# Java EE 7

