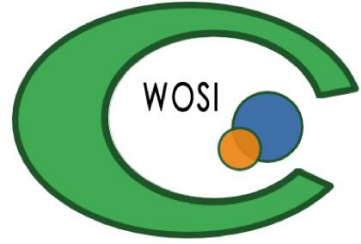


WOSI
Real life projects for major Dutch (non-profit)
enterprises

Jo Lahaye
J.Lahaye@hva.nl
Jo@hollandopen.nl

projectleider HvA: www.wosi.org



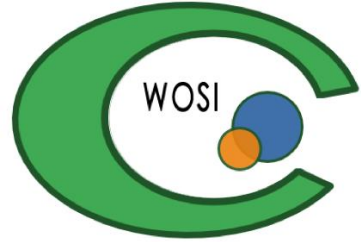


Education (WOSI)



Participating organizations:

- Large Housing corporations (De Woonplaats, Woonbron, Ymere)
- Dutch Ministry of Defense
- Major national broadcaster NOS

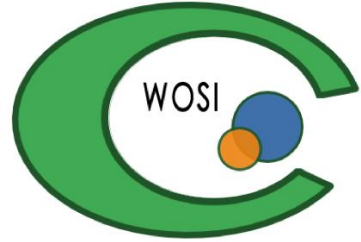


What you will learn



Initiative to learn students to work in:

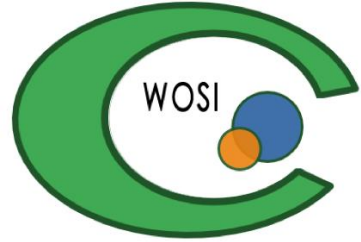
- Large scale ongoing projects
- Teamwork
- Scalable and modular architecture
- Use of open source development tools and software (do you have a choice in research/education?)
- Complex environment with real customers
- But: Hands on support from professionals available
- Other disciplines are welcome (law/communication students, etc.).



The semester



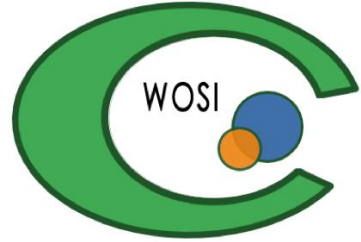
- We start with investigating your skills.
- Next we make sure all necessary software is up and running on your computer.
- We give lectures on the technologies we use (Spring MVC especially).
- Better learn one programming language in depth, than many a little bit.
- Several meetings with other teams, project leaders.
- Meetings with our “customers”.



Preferred Technologies

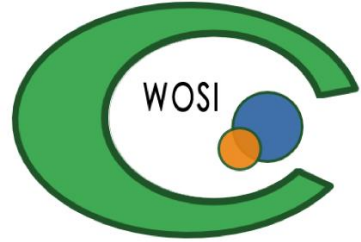


- Development:
GIT, Maven, Mysql, Eclipse
- Software, server-side:
Spring (Java), Hibernate/JPA, Apache Tomcat
- Client-side:
Xhtml, Javascript, Ajax, JQuery, css3, JSP



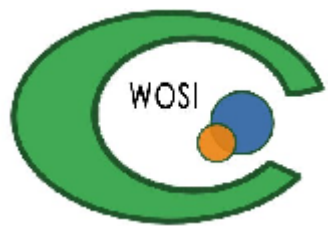
Why Spring (MVC)?

- It was students choice !
- 50% van de top 2000 enterprises uses Spring for it's "key" systems.
- 6 of the 8 largest financial institutions in the world (source 2008, Jan Meulman)
- All major ICT companies have a Java development stack, Spring is a de facto standard for Java enterprise development.
->



Why Spring?

- Profitable for our customers (open source tooling)
- Database independent (use any; our default is MySQL).
- Platform independent (use any, our default is Ubuntu Linux).
- Very scalable (load and code).
->

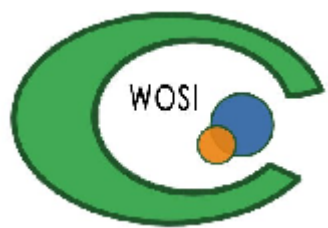


PHP - Java

Job Trends from Indeed.com

— php and developer — java and developer

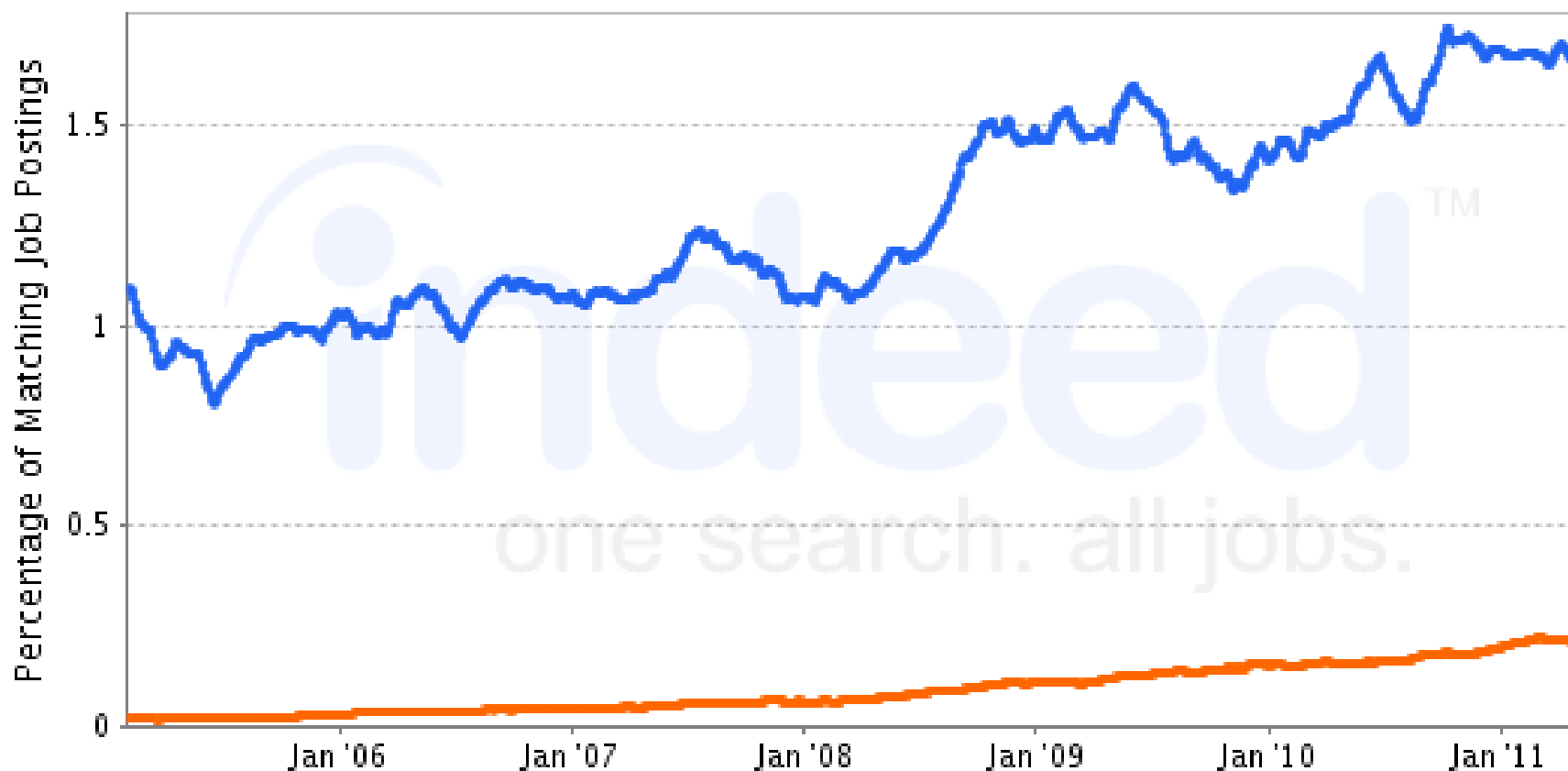


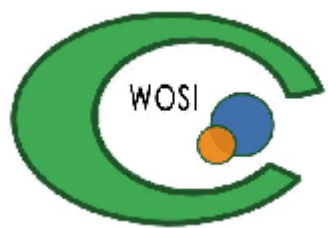


Python - Java

Job Trends from Indeed.com

— python and developer — java and developer

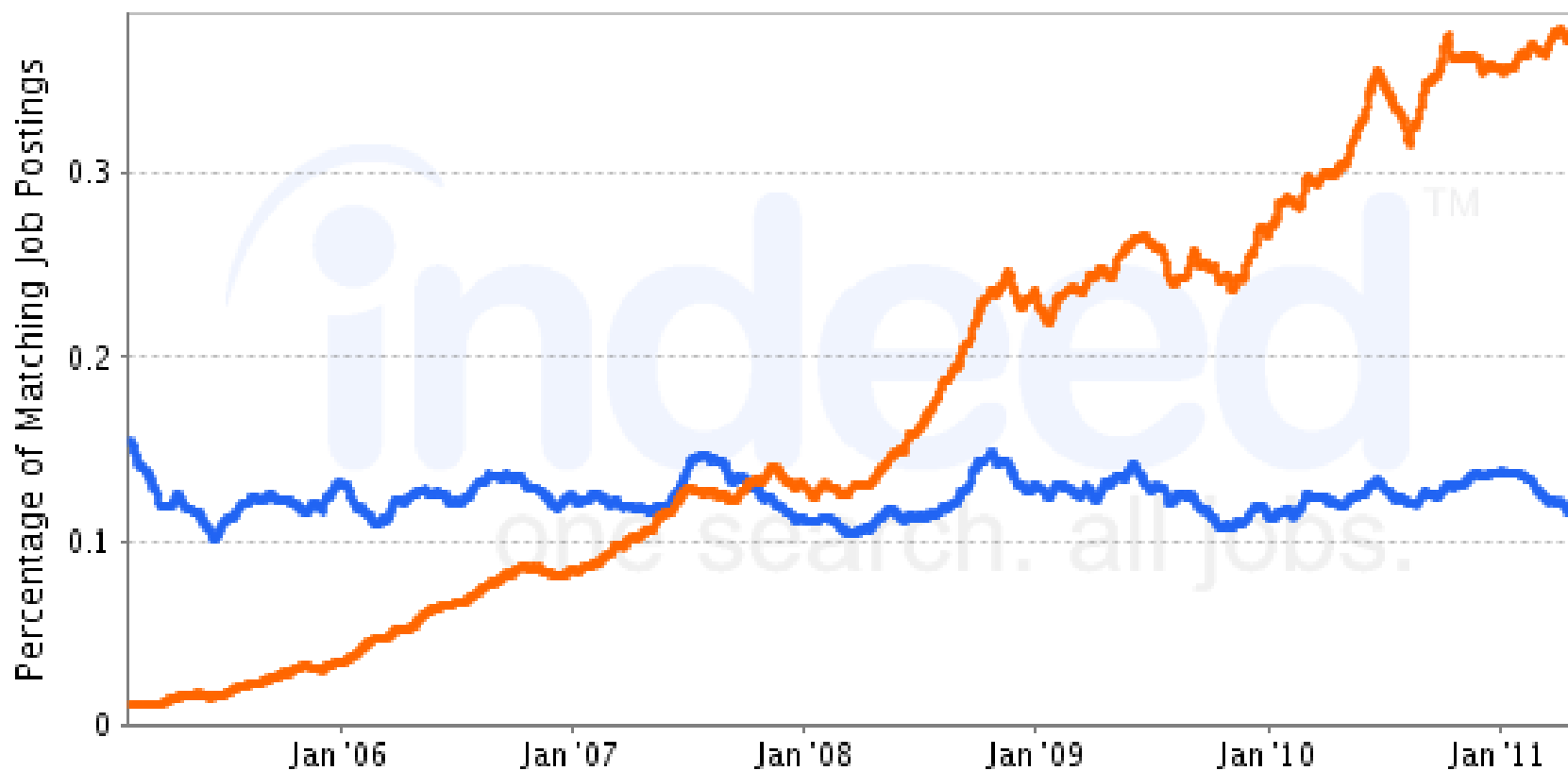


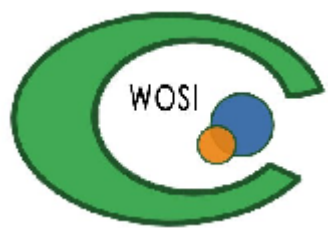


EJB - Spring

Job Trends from Indeed.com

— Spring and developer — EJB and developer





Java - .NET

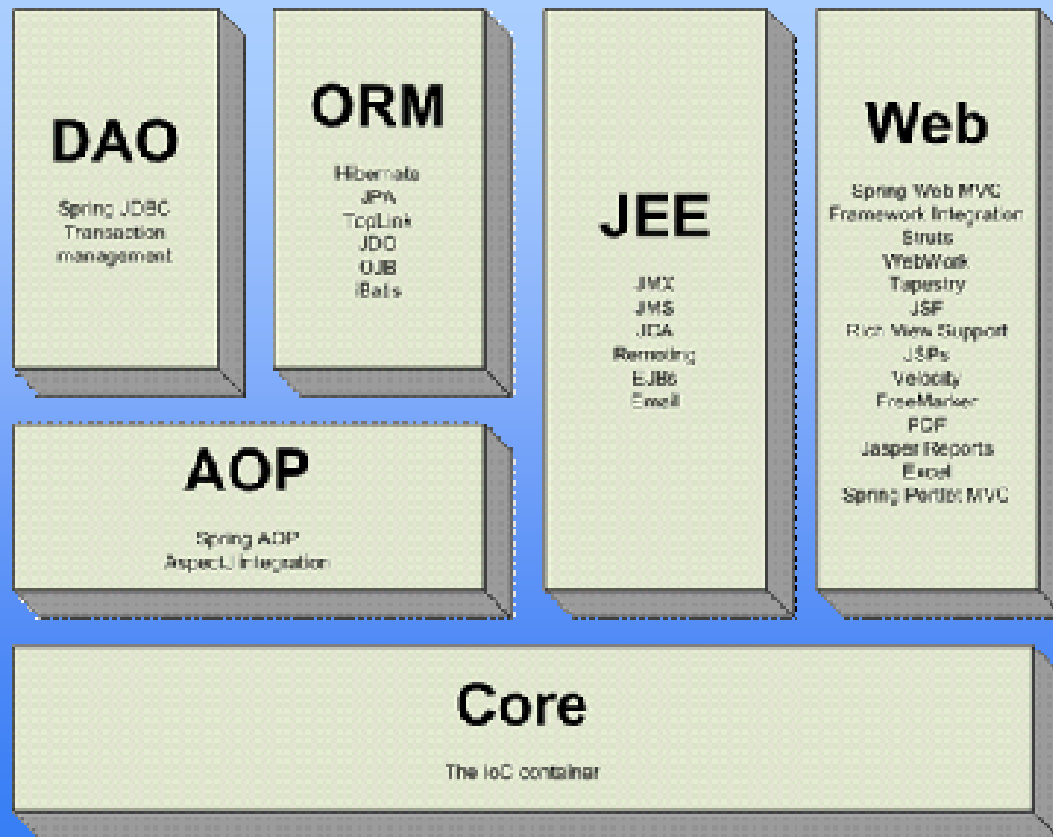
Job Trends from Indeed.com

— java and developer — .NET and developer



Spring Framework

Spring as a framework





OS



Operating Systems

- Ondersteunde Operating Systems:
- Solaris(32/64)bit
- Windows XP Pro, XP Home, 2000 Pro, 98 ,NT 4.0, ME, Vista
- Windows Server 2000 sp3, 2003 (family)
- Linux Red Hat 4.0, 3.0, 2.1
- SUSE 7,8, 8.2,9, 9.2,0
- Sun Java Desktop Systems 2003
- SUSE Linux Desktop Systems
- Linux enterprise server 8, 9
- Turbo Linux 7.0
- Mac OS X



Database



Database independent

- Databases
 - Oracle 8i, 9i, 10g; DB2 7.1, 7.2, 8.1, 9.1; Microsoft SQL Server 2000; Sybase 12.5 (JConnect 5.5); MySQL 3.23, 4.0, 4.1, 5.0 ; PostgreSQL 7.1.2, 7.2, 7.3, 7.4, 8.0, 8.1; TimesTen 5.1, 6.0 ; HypersonicSQL 1.61, 1.7.0, 1.7.2, 1.7.3, 1.8; SAP DB 7.3 ; InterSystems Cache' 2007.1; Apache Derby; HP NonStop SQL/MX 2.0 (requires Dialect from HP); Firebird (1.5 with JayBird 1.01 tested); FrontBase; Informix; Ingres; Interbase (6.0.1 tested); Mckoi SQL; Pointbase Embedded (4.3 tested); Progress 9; Microsoft Access version from 95, 97, 2000, XP, 2002, to 2003 (requires Dialect from HXTT); Corel Paradox version from 3.0, 3.5, 4.x, 5.x, 7.x to 11.x (requires Dialect from HXTT); flat text , CSVfile, TSVfile, fixed-length, and variable-length binary file (requires Dialect from HXTT); Xbase database (dbase, Visual DBASE, Stx Driver, Soft C, Codebase, Clipper, Foxbase, Foxpro, VFP(3.0,5.0,7.0,8.0,9.0, 10), xHarbour, Halcyon, Apollo, Goldmine, and BDE) (requires Dialect from HXTT); Microsoft Excel version from 5.0, 95, 97, 98, 2000, 2001, 2002, 2003, to 2004 (requires Dialect from HXTT).

More information

<http://dev.wosi.org>

Jo Lahaye

J.lahaye@hva.nl

Questions?