

## Henri Yandell

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[http://www.yandell.org/henri/cv/Henri\\_Yandell-CV.pdf](http://www.yandell.org/henri/cv/Henri_Yandell-CV.pdf)

### Personal Summary

- Senior Java/Open Source developer
- Apache Committer/Member

### Education Summary

- Masters in Computing
- Bachelors in Mathematics

### Key Skills Summary

- Java: In depth knowledge of the standard libraries
- Classic J2EE acronym list: JSP/Servlets, JMX, JMS, JNDI, EJB.
- Much open source Java: Struts, Commons, Hibernate amongst others.
- Lots of scripting: Perl, bash (sed, awk etc), Ruby.
- Web development: JavaScript, HTML, CSS, PHP.
- The essentials: OO Design. Patterns. XML/XSLT. SQL. UML.
- Development tools: Maven. Ant. Subversion. CVS.
- Favoured containers: JBoss. Tomcat. Jetty.

### Employment Summary

Amazon.com, WA, USA	Software Dev Manager	September 2007 - present
SourceLabs, WA, USA	Open Source Engineer	January 2006 - September 2007
Genscape, KY, USA	Lead Developer	December 2001 - December 2005
Ironmax, KY, USA	Senior Software Engineer	April 2001 - December 2001
Internation, London, UK	Senior Java Developer	June 1999 - April 2001
Logica, London, UK	IT Consultant	November 1998 - June 1999

### Career Summary

My career has had two stages; a focus on Linux breadth, centered around Java, and then a focus on Java depth, centered around open source.

Notable milestones on my journey through Linux were Perl, MySQL, CVS, Bash scripting, the Apache HTTP Server, Bind, Vim, PHP and JServ. With the exception of JServ (yeuch!) I remain current with all of these. From this period I got my soft-spot for the proprietary Rebol language and an addiction to buying O'Reilly books.

While digging into open source Java, I've delved into Struts (forking 0.3 for various modifications), Tomcat (3 through 5), JBoss (2 and 3), Ant and Maven (lots of Maven!), as well as the more obvious development dependencies such as the Jakarta Commons libraries, Quartz and JUnit. In fact, my hand can be seen in many of the Jakarta Commons libraries with Commons Lang being my personal hobby horse.

Over the last couple of years my career has included a third stage: open source community guidance. I lead a quiet small community of friends in open source Java development at OSJava.org; and after a couple of years chairing the Apache Jakarta project, am now serving on the Apache board of directors.

## **The Last Few Years**

### SourceLabs, Inc.

My role at SourceLabs was as an "Open Source Engineer". It's a hybrid position which saw me juggling three roles – product development, open source project monitoring/bugfixing and build system management.

The three roles overlap, so I created a Ruby/XSLT build dashboard that was embedded in the product and JIRA integration between all three using both Ruby and Java XMLRPC. The build system was implemented using a blend of Ant and the Maven 2 repository structure, while the product was largely implemented in PHP.

### Genscape, Inc.

I spent four years at Genscape, first as a senior Java developer, and then as the lead developer. Genscape, Inc. are a company who monitor the US and EU power grids for financial markets and governments.

Development centered around JMS (Fiorano in this case) and Oracle, as befits a real-time data delivery product with VC to answer to. JBoss and Tomcat are the containers of choice, though a custom (OSJava.org) container for periodic tasks is also used. Both Hibernate and pure JDBC were used, and I also picked up some PL/SQL.

A lead developer role is more than just development though. I was responsible for the development process: successfully introducing Maven, JIRA and JSPWiki; organizing and administrating CVS; and building a Linux/Windows big-red-button build and deploy system in Perl around CVS, Maven and OSJava.org's Payload.

Of course a lead developer also has to lead the way in envisioning reusable solutions for company-wide problems, and I created an easy to use SQL reporting framework, a website scraping framework and before leaving an Oracle data auditing tool.

### Apache Software Foundation

It was five years ago that I joined the Apache Software Foundation as the creator of the Jakarta String Tag Library. This quickly lead to my involvement in Jakarta Commons where I worked on many of the Commons libraries, both as developer and release manager.

I increasingly worked on Jakarta-wide issues and became the chair of the Jakarta project in June 2004. It was a role that epitomizes the quote about herding cats.

In addition to the Jakarta role, and various other roles such as a mentor for the Roller incubator project, I've become a part of the Apache Infrastructure team, the group of volunteers who administer the ASF hardware. During 2005 this was mostly filled by the CVS to Subversion migration, during which each individual CVS module was moved over to the new Subversion source code repository. In 2006 I've focused on helping out with the ASF JIRA maintenance.

In June 2005, the ASF membership of 100 or so invited me to join them as an ASF member; an honor I quickly accepted. In June 2006 the ASF members voted me onto the nine person board of directors and I stood down as chair of Jakarta.

## **Open Source Involvement**

- Apache board member. Former VP of Jakarta.
- Apache Commons, Jakarta, Roller, Maven, Struts and Infrastructure committer
- OpenSymphony Quartz committer. JavaBeanTester committer
- Draft manuscript reviewer for Manning, O'Reilly and Apress
- Many projects at OSJava.org, including:
  - Norbert – a robots.txt parser
  - Simple-JNDI – an in-memory JNDI implementation
  - Scraping-Engine – a framework for scraping websites
  - XmlWriter – a library for outputting clean XML
  - gj-find – a Java implementation of UNIX find
  - gj-csv – a Java CSV library

## **Employment History**

**SourceLabs, WA, USA**                      **Open Source Engineer**                      **January 2006 – present**  
Managing an Ant-based meta-build system for a stack of open source Java projects and providing open source expertise. Product development in Ruby, PHP and Java.

**Bellarmine University, KY, USA** **Java Instructor**                      **March 2004 – August 2004**  
Taught a class on Java for a Master of Science in Applied Information Technology program.

**Genscape, KY, USA**                      **Lead Developer**                      **December 2001 – December 2005**  
Java development and mentoring. Developed a J2EE data delivery platform built on JMS, Oracle, Macromedia Flash and Instant Messaging/Email. Created a development/build/deployment process around CVS, Maven and custom Perl tools.

**TechRepublic, KY, USA**                      **Technical Writer**                      **August 2001 – May 2003**  
Wrote Java tech tips for an email newsletter with a subscription of 50,000, and wrote several articles for Builder.com on topics such as Commons Lang, HTML scraping and XML writing.

**Ironmax, KY, USA**                      **Senior Software Engineer**                      **April 2001 – December 2001**  
Developed the vendor side to an online portal for construction equipment rental. A classic JSP/Struts on top of EJB architecture, with PL/SQL in an Oracle database below.

**Internation, London, UK**                      **Senior Java Developer**                      **June 1999 - April 2001**  
Java server-side web development including JSP, Servlets, XML, XSL, WML, Linux, Perl, Swing, MySQL, SQL Server, EJB. Also involved with staff training, product development, client-interactions, web and systems administration, web content and project management. Initiated company library. Very much a jack-of-all-trades role.

**Logica, London, UK**                      **IT Consultant**                      **November 1998 - June 1999**  
Developer for banking software. Java, RMI, CORBA, Encryption, Swing, AWT, WinNT, MSAccess. Part of a large team on a multi-million dollar project. Responsible for development of the server-side prototype.

## **Education**

**MSc in Computing - University of Kent at Canterbury, UK**                      **Graduated: July 1998**  
Thesis on Teaching Java. Languages covered included C, Pascal, Prolog, Assembly.  
Courses included Graphics, Database, Expert Systems, HCI.

**BSc in Mathematics - Imperial College, London, UK**                      **Graduated: July 1997**  
Concentration: Mathematical Physics and Applied Mathematics.