

## Summary

I am a technical executive, a founder, a consultant, a writer, an international business person, a systems developer, a software construction geek, and a standards diplomat. I love to build teams and products and to make customers ecstatic.

## Work History

### **Hewlett-Packard Inc., September 2014 – Present**

#### ***Distinguished Technologist, Cloud Business Unit***

Working with HP Labs personal to build out plans and collateral to support the publishing as open source and creation of community around components of the software portfolio. Working with the Open Container Initiative group to develop a certification process for the OCI container specification.

Develop strategic engagement across the open source foundations responsible for the key open source projects that come together to form the HP Helion and HP Helion NFV platforms, including Linux, Openstack, Cloud Foundry, and OpenDaylight. Deliver cross-functional plans and collateral with strategic partners within the Openstack Foundation organization to accelerate adoption. Support the Helion product evangelism and business development teams.

### **Corbis Images, September 2013 – September 2014**

#### ***Senior Director, Platform Engineering***

Led the teams supporting the existing media services world for the primary Corbis properties and that developed the new modern platform that underlies those properties. I worked across functional areas (front-end, QA, DevOps) to ensure internal and external customers were happy. I managed the search team (Solr, Couchbase) and the financial services platforms team (SAP, Sabrix). I reduced budget spend by 30% across the teams. I developed and ran the open source management program at Corbis working with the legal team. I continue to work with HR on technology hiring practices, and Finance on technology budget planning and reporting.

Working with my peers, we led the cultural shift to a open source licensed software platform away from .NET/SQLserver/IIS. We also worked on the cultural shift to an agile-developed, DevOps supported, product-centric view of applications using the Atlassian toolsets (Jira, Confluence, Stash/Git, Bamboo) over a traditional project-based environment (run on TFS).

### **The Outercurve Foundation (née Codeplex Foundation), May 2010 – June 2013**

#### ***Technical Director***

The Outercurve Foundation is a 501(c)6 non-profit that provides legal structure, business operations, and technical services to open source software projects for its sponsoring members.

- Developed and managed the software IP management process and development guidelines.
- Worked with gallery managers to find and shepherd projects into their galleries.
- Organized and managed the mentorship team of external mentors across the 28+ projects.
- Organized the first Outercurve Open Source Software Conference (2013).

### **Consultant, February 2007 – April 2010**

Consulted on open source software business, standards, and development strategy for Symbian Ltd., The Eclipse Foundation, Rivermuse, Continuent, Ohloh, The Linux Foundation, and Microsoft. Organized the inaugural [Beijing Open Source Software Forum](#) as part of the 2007 Software Innovation Summit. Board advisor to Continuent (US), Bitrock (Spain/US), Zentyal (Spain) and TargetSource (China).

### **Lumeno.us Inc. (née Descant, Inc.) September 2006 – January 2007**

#### ***Chief Technology Officer and Vice-president, Engineering***

Co-founder of a start-up mapping social networking practices (wiki, search, tagging, anonymous data aggregation) onto business planning data to help entrepreneurs run small businesses better.

**Optaros, Inc. February 2005 – September 2006**

***Vice-president, Open Source Development Strategy***

Developed IP strategy and consultant training for how Optaros engaged with open source software communities for its clients. Optaros is venture-backed.

**Microsoft Corp. September 1999 – December 2004**

- ***Business Development Manager, Platforms Team, November 2002 – Dec 2004*** Developed model for how Microsoft could best participate in open source software as part of its overall go-to-market product strategy, and released the first Microsoft open source project.
- ***Program Management, Rotor Team, August 2001 – November 2002*** Rotor is a reference implementation of C# and the Common Language Infrastructure (CLI) on FreeBSD, Mac OSX, and Windows based on the ECMA C#/CLI standards. Stephen managed the Ottawa-based Corel Corp. team working on the platform portability layer, as well as developing tutorials and demonstrations of the Rotor project.
- ***Product Unit Manager, Interix/Services for UNIX, September 1999 – July 2001*** Managed the product development team for Interix technology at Microsoft after the acquisition of Softway Systems by Microsoft. The Interix technology was merged into the Services for UNIX product and the team reported through the India Development Centre, in Hyderabad, India, adding testing resources in India.

**Softway Systems Inc., September 1995 – September 1999**

***Co-founder & Vice-president, Research & Development***

Softway Systems developed Interix, a porting environment to migrate and integrate UNIX applications on Windows NT. Venture backed taking US\$8.5M over 4 rounds from Partech, H&Q, NTT and others.

- One of the two primary developers of the original product.
- Developed and managed the R&D team across three locations.
- Set the software engineering practices.
- Managed product strategy for three products across 2 major releases and multiple minors.
- Softway Systems was successfully acquired on September 16, 1999 by Microsoft Corp.

**Consultant, January 1995 – September 1995, and April 1991 – October 1991**

- Author and editor of the X/Open Guide “Migrating Applications to Open Platforms” and the “XPG3-XPG4 Base Migration Guide” to assist developers working with X/Open branded UNIX platforms.
- Expert witness for Wiley, Rein, and Fielding, on Unisys behalf (Intervener) in the Coast Guard Standard Workstation III bid protests of C3, Inc., and TiSoft, Inc. that Windows NT was not a POSIX operating system versus the U.S. General Services Administration. (Contributed key findings of fact and testimony to the win.)
- Authored the “Go Solo” book for X/Open Company Ltd., used to introduce developers to the Single UNIX Specification (Spec 1170) and X/Open UNIX branding.
- Represented USENIX, the UNIX and Advanced Computing Systems Technical Association and EurOpen (E.U.U.G) as their organizational representatives at IEEE POSIX meetings and the U.S. Technical Advisory Group to ISO POSIX Working Group 15.
- Rewrote the Canadian Treasury Board's procurement specification of the POSIX.1 standard and developed the Canadian Treasury Board's Application Portability Guidelines.

**Mortice Kern Systems, Inc., November 1991 – December 1994**

***Development Manager***

- Managed all porting projects for POSIX.2 standards for multiple clients (IBM OpenMVS, DEC OpenVMS, HP MPE/IX, Unisys CTOS, Sun Solaris).
- Instituted robust internal configuration management practices and developed support and maintenance plans.
- Worked on the next generation configuration management product.

Stephen R. Walli  
+1 425 785 6102

[stephen.walli@gmail.com](mailto:stephen.walli@gmail.com)  
<http://stephesblog.blogspot.com>  
Twitter: @stephenwalli

**EDS Canada Inc., August 1987 – April 1991**  
**Factory Floor Systems Analyst**

**Sears Canada, Ltd., April 1982 – July 1987**  
**Real-time Programmer/Analyst**

**Ferrco Engineering, Ltd., September 1980 – March 1982**  
**Real-time Programmer**

## Standards

- Chairperson of the POSIX Advisory Group to ISO/IEC JTC1 SC22 (2004-2009)
- Long time participant (1989-1999) and voting executive officer at the IEEE POSIX working groups. Represented USENIX and EurOpen/EUUG at IEEE POSIX meetings, and the U.S. Technical Advisory Group to ISO POSIX WG15.
- Served on national delegations (US, UK, Canada) to the ISO POSIX WG15 as a POSIX expert.
- Resolved key issues that prevented the IEEE POSIX working groups from making progress (Programming Language Independent Specification requirements from ISO and the Conformance Test Standard requirement.) Founding member of the Project Management Subcommittee of the PASC SEC.

## Publications and Presentations

### Blogs:

- **Once More unto the Breach:** A personal blog about open source software, standards, software development and software business. (<http://stephesblog.blogspot.com>)
- Regular contributor to the [opensource.com](http://opensource.com) blog on the business of open source, and a contributor to [linux.com](http://linux.com).
- **Network World Open Minded:** A blog on current discussions about open source software. (<http://www.networkworld.com/community/walli>)
- Contributor to the Outercurve Blogs talking about open source happenings relevant to the Outercurve Foundation (<http://www.outercurve.org/Blogs/tabid/87/BlogID/5/Default.aspx>).

### Books:

- **Go Solo: How to Implement and Go Solo with the Single UNIX Specification**, (Prentice Hall, 1995, ISBN 0-13-439381-3)
- **Migrating Applications to Open Platforms**, an X/Open Guide (Prentice Hall, 1996, ISBN 0-13-266610-3).
- Stephen provides pre-publication reviews for O'Reilly Media and Addison-Wesley (Pearson) on community development, open source software, software portability, and software configuration management.

### Articles and papers:

- [The Rise and Evolution of the Open Source Software Foundation](http://www.ifosslr.org/ifosslr/article/view/64), in the International FOSS Law Review, Vol 5, No 1, 2013, with Paula Hunter (<http://www.ifosslr.org/ifosslr/article/view/64>).
- [Under the Hood: Open Source and Open Standards Business Models in Context](#), in **Open Sources 2.0: The Continuing Evolution**, edited by Chris DiBona, Danese Cooper, Mark Stone, (O'Reilly Media, 2006, ISBN 0-59-600802-3)
- [Perspectives on Microsoft's Shared Source Initiative](http://www.onlamp.com/pub/a/onlamp/2005/03/24/shared_source.html), published on-line at ONLamp, an O'Reilly Media web publication, March 2005. ([http://www.onlamp.com/pub/a/onlamp/2005/03/24/shared\\_source.html](http://www.onlamp.com/pub/a/onlamp/2005/03/24/shared_source.html))
- [Rotor Common Language Runtime Threading Model Tutorial](#), presented at the 2<sup>nd</sup> Rotor Workshop, Queens College, Cambridge, UK, July 2002
- [POSIX: A Case Study in a Successful Standard, Or Why We Don't Need Radical Change in the SDO Process](#), Proceedings of the IEEE Standards and Innovation in Information Technology Conference in Aachen, Germany, September 1999. One of the four papers chosen for republication in an IEEE Communications issue.
- [INTERIX: UNIX Application Portability to Windows NT via an Alternative Environment Subsystem](#), Proceedings of the USENIX Windows NT Workshop in Seattle, WA, August 1997,

Stephen R. Walli  
+1 425 785 6102

[stephen.walli@gmail.com](mailto:stephen.walli@gmail.com)  
<http://stephesblog.blogspot.com>  
Twitter: @stephenwalli

and presented as an (updated) Invited Talk at the USENIX Annual Technical Conference, New Orleans, LA, June 1998.

- The Myth of Applications Source-Code Conformance, in StandardView, ACM Perspectives on Standardization, Volume 4, Number 2, June 1996.

### **Presentations:**

Stephen presents regularly on free and open source issues (business model, IPR practices, community development) and standards. His most recent presentations are available at:

<http://www.slideshare.net/stephenwalli/>

- Presenter at SCaLE 11x ([The Evolution of Open Source Software Foundations](#)) and SCaLE 14x ([Patterns and Practices for Open Source Project Success](#))
- OSCON speaker (2008, 2012), and regular panelist at the Open Source Business Conference (2004-2013), and a regular invited talks presenter on software businesses and open source software at USENIX annual technical conferences (2001, 2005, 2006).
- Presented at events such as the Gartner Open Source Summit (Scottsdale, September 2006), the Government Open Source Conference (Portland, October 2006), and the Desktop Linux Summit (San Diego, April 2006).
- Invited speaker in Beijing, China (November 2006) at "Open Standards, IPR, and Innovation", co-hosted by the China National Institute of Standardization and Sun Microsystems, and in Beijing (January 2007) on open source businesses at the inaugural Finnish trade talks. He was an invited speaker on open source and business at "II Open Innovation" in Zaragoza, Spain (November 2007).
- Regular speaker on POSIX and UNIX standards at the USENIX annual technical conferences from 1991 through 2000, and presented at the EUUG Technical Conference (Budapest, 1991), NLUUG Annual Conference (Amsterdam, 1991) and DECUS Canada (Ottawa, 1990).
- Co-chair for the 1999 USENIX NT Symposium and has served on previous program committees.

### **Patents (Applications)**

U.S. Patent Application 20050192819: Method and system for reducing unsolicited messages using variable pricing and conditional redemption. Co-inventor with Michael Smith. Microsoft owns the patent rights should it be approved.