JOHN KELLY - CURRICULUM VITAE

Since joining the company in 1976, John has worked in the fields of Manufacturing, Service, Test, Development, Authoring and Project Management. He is recognised as an expert in a wide range of technologies. John's technical knowledge is complemented by good verbal, written communication and leadership skills, and the ability to build and sustain good working relationships with both colleagues and customers at all levels.

TECHNICAL EXPERTISE

- Product portfolios: IBM WebSphere, IBM Rational.
- Messaging Technologies: WebSphere MQ, JMS and XMS. Application design.
- Event based processing: WebSphere 3 tier, WebSphere Business Events
- Business Rules: ILOG BRMS.
- Web technologies: XML, XSLT, mySQL and Content Management Systems (Joomla!).
- Operating Systems: Windows, Linux, z/OS.
- Programming languages: Java (Swing, SWT, JMS), C/C++, Metal C, C#, JavaScript, Dojo, PERL, with some PHP and Assembler, PLX, COBOL.
- Test technologies: JUnit, GreenHat.
- Continuous Integration technologies: Jenkins, Travis-CI, RTC, Ant, Maven.
- Version Control Software: CVS, SVN, RTC, Git, CMVC
- Managing software through the whole development life cycle, including use of IBM Rational product portfolio including Team Concert, Quality Manager, Functional Tester, Performance Tester and Application Developer.
- Authoring : Technical document authoring using DITA. IBM Knowledge Center.
- Social Media: Facebook, LinkedIn, NNTP Newsgroups.

MOST RECENT POSITION

RATIONAL INTEGRATION TESTER DEVELOPMENT(JULY 2012 – NOW, IBM HURSLEY)

John joined the acquired GreenHat team and performed a variety of roles, including Java development, managing the build infrastructure, and feature documentation. As part of a developer outreach program he created http://ibm-rtvs.github.io/ and developed most of it's content, frequently blogging about it. As an author of feature documentation (using DITA), responding to a perceived need for increased quality control, he created an Eclipse plugin http://greenelk.github.io/dita-tools/ to assist with content checking – used by a number of IBM authors and editors.

WEBSPHERE APPLIANCE INFRASTRUCTURE (2012, IBM HURSLEY)

As a stand-alone effort, John developed a suite of Java/Ant/REST/AJAX based tools to facilitate internal testing of Appliances within IBM.

ILOG DEVELOPMENT (2010 – 2011, IBM HURSLEY)

John was a member of two very different development teams. Firstly he developed the Datastore support for the IBM Dojo Diagrammer widget, which shipped as part of the WebSphere Application Server Feature Pack for Web 2.0 and Mobile. He then became Team Lead, and key developer, of the BRMS z/OS Development team in Hursley, who delivered IBM WebSphere Operational Decision Management for z/OS.

ILOG DEVELOPMENT INTEGRATION (2009 – 2010, IBM HURSLEY)

John worked with the acquired French company, ILOG, helping them with all aspects of integration into the IBM Corporation, from setting up an intranet to evangelizing on development/test best practices, using the Rational toolset and agile methodologies. John led a team testing the IBM versions of the ILOG BRMS suite of products. He has a keen interest in Social Media in business, evidenced by his creation (and administration) of the IBM Hursley Laboratories LinkedIn company page.

WEBSPHERE BUSINESS EVENTS DEVELOPMENT (2008 - 2009 IBM HURSLEY)

John worked in the WebSphere Business Events Development team (an IBM acquisition, formerly AptSoft), helping to build integration solutions with other IBM ESB technologies. While in the group he drove through acceptance of Rational Team Concert for project management, also helping found the Hursley Jazz Community – a group which shared best practices and developed Jazz utility code.

WEBSPHERE MQ DEVELOPMENT (2006 - 2008 IBM HURSLEY)

John worked in WebSphere MQ V7 Development, as part of the team developing the Eclipse-based WMQ Explorer utility. During this period he also spent some time on secondment to the WMQ JMS team.

WEBSPHERE BUSINESS INTEGRATOR TEST (2005 - 2006 IBM HURSLEY)

John was seconded to the WBI test group, where he works closely with the Burlingame (San Francisco) Lab. developing endurance tests demonstrating integration of WBI and ESB technologies.

XMS DEVELOPMENT (2003 – 2005 IBM HURSLEY)

John played a key role in the architecture, design and development of the XMS (C/C++ API, similar to JMS) Client. He was also responsible for setting up the WMQ Clients test team in Bangalore, India. After that he spent a brief period working on the Open Source C/C++ Web Services API, during which time he became a committer to the Apache Axis-C project

WEBSPHERE APPLICATION SERVER DEVELOPMENT (2002 IBM HURSLEY)

When the default JMS provider for WAS was replaced by the SIB/Jetstream codebase, John was responsible for integrating SIB (using Rational Rose) into the WebSphere Application Server's administration model.

WMQ DEVELOPMENT & TEST (1998 – 2001 IBM HURSLEY)

Over these years John was involved in product development and test of the WebSphere MQ suite of products. He gained Microsoft's "Certified for Windows 2000 Server" Logo for MQSeries Version 5.2.1, and created the now popular set of NNTP newsgroups for the WMQ product set.

Also during this time he developed a suite of XML/XSLT-based project management tools which were an integral part of the WMQ development process for many years. He created generalised versions of these which he made available on the IBM "internal" Open Source website.

HURSLEY SERVICES & TECHNOLOGIES (1997 IBM HURSLEY)

John spent his year in the HS&T group working on an internet banking (Integrion) project. IBM was the key technology partner in the Integrion project, with some of the work being given to specialist smaller US companies. John's main role during this period was working with one of these companies, providing skills in the area of Internationalisation of Lotus Notes databases.

WMQ DEVELOPMENT (1995 – 1997 IBM HURSLEY)

John played a key role in the architecture, design and development of the MQSeries Three Tier product. During this period John not only coded key areas of the product, but was also involved in consultancy work with several large customers.

GDDM SERVICE AND DEVELOPMENT (1992 – 1995 IBM HURSLEY)

Returning from Florida John joined the GDDM Service Team, moving into GDDM development. He was responsible for enhancing the image processing part of the product.

TEST (1987 – 1991 IBM HURSLEY & BOCA RATON)

John moved to IBM Hursley Lab. in 1987 to take up a post in the GDDM (mainframe-based graphics API) System Test team. He then spent some time in OS/2 System Test. He had a one year international assignment in Boca Raton, Florida taking up a liaison role between Boca Raton and Hursley.

MANUFACTURING (1976 – 1987 HAVANT, LA GAUDE, MAINZ & BOEBLINGEN)

After gaining his degree at Salford University, John joined IBM Havant in 1976 as a Product Engineer. He worked on a wide range of product types, from text-processing systems, through mid-range mainframes, to communication controllers.

 This role required John to gain deep technical understanding of the products he worked on. As well as resolving manufacturing/design issues with the development labs, his group provided European field support. John regularly travelled to customer locations within Europe, resolving critical customer situations and managing the customer relationship.

During this period he had two international assignments. He spent a year in the IBM La Gaude Lab., France and a year split between IBM Mainz Manufacturing plant & IBM Boeblingen Lab., Germany to gain product knowledge and be involved at the early development phase.

EDUCATION/QUALIFICATIONS

Bsc. (Hons.) Computer Science and Physics. Salford University.

4 'A' Levels & 9 GCSEs

PATENTS

2000 - [Support for application programs in a distributed environment.](#)

2011 - [Assisted migration in a data processing environment](#)

PUBLISHED ARTICLES

IP.com

- 21/01/2010 [Visual hint on the reliability of information portrayed in an image](#)

- 01/12/2005 [ClearQuest2html – HTML reports from ClearQuest](#)
- 11/2003 - [XSLT to generate an admin wrapper for the J2EE JCA admin objects](#)
- 07/2001 - [Efficient mechanism for collecting ANY Systems Management information in a Windows network](#)
- 09/2000 - [Method to SPY on externals of 3rd party MMC Snap-ins](#)

IBM Technical Disclosure bulletin

- 01/1996 - [32bit integer conversion](#)
- 12/1994 - [Hypertext links to code](#)
- 10/1994 - [Extended Graphical Cursor](#)
- 06/1994 - [Time-Lapse Controlled Bitmap Display of complex graphical data](#)
- 01/1994 - [3270 Simulation in AFPDS](#)

CONTACT INFORMATION

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14 Recommendations for John may be found on the LinkedIn website