

Konrad Rzeszutek Wilk

7 Brook Street • Somerville MA 02145 • (617)-398-0645 • konrad@darnok.org

I am a meticulous engineer who rapidly produces high quality code and as well an effective director managing various teams and heavily influencing external community. My self-starter's attitude gets me diving deep into both code and user needs so I understand the full picture quickly. Once I've identified a solution, I either follow through to make sure it satisfies both technical and user requirements and improve it iteratively until it is complete or hand it over to an engineer with the skills to get the job done. My attitude of "we-can-fix-it-right" combined with adaptability, patience, persistence, and excellent communication and negotiation skills ensures that the projects I work on are successful, high quality and with low maintenance cost.

Work Experience

2012-Current

Oracle Virtualization/Director

Manage and direct a global team focused on Xen and Linux. Responsible for Oracle's Xen hypervisor underpinning all of Oracle Cloud offerings: Oracle Public Cloud, Oracle ExaData and Analytics, Oracle ExaLogic, Oracle Private Cloud Appliance, etc. See full list of [Xen](#) commits.

2009-2012

Oracle Virtualization/Kernel Engineer

Adding native Xen support into the Linux kernel. Collaborating with Citrix XenSource and OpenSuSE engineers to make upstream Linux kernel fully Xen para-virtualization capable. This requires refactoring Linux kernel components and working with the subsystem maintainers. Strong presence in the Xen and Linux communities providing bug fixes, answering questions, reviewing patches, mentoring, etc. See full list of [Linux](#) commits.

2008-2009

Virtual Iron (acquired by Oracle) Kernel Team

Storage and virtualization (Xen) engineer responsible for breaking down broad requirements into concrete pieces and implementing them. Specifically delivered iSCSI and high availability (HA) features; co-designed and implemented scalable storage subsystem software; improved our virtual technology components; and became iSCSI storage lead.

- Designed and delivered new features based on the current market expectations with quick turn-around.
- Co-maintained Xen storage stack and co-implemented our core software responsible for startup, configuration, control, and monitoring of virtualized nodes.
- Maintained top-to-bottom iSCSI stack, MultiPath I/O (MPIO) stack; and storage drivers.

2005-2008

IBM LTC System X Enablement Group

On-site IBM engineer at Red Hat tasked with making sure that IBM's needs were met. This meant closing engineering and communication gaps, finding ways to improve the partner relationship, and getting people who didn't report to me do what had to be done. When needed I dove in alongside other engineers or knocked off tasks myself.

Negotiated with and influenced Red Hat executives, management and engineers.

- Mentored IBM, Red Hat, and partner company engineers.
- Implemented new hardware support in the Linux kernel.
- Delivered and integrated IBM System X and Software Group enabling features for Red Hat distribution. This involved implementing kernel and applications code for RHEL; and solving Red Hat and IBM customer problems.
- Maintained open-source projects including ibmasm, ibmasm-xinput, and openhpi-subagent.

2003-2005

IBM LTC System Management Group

Part of a 45 person team with members in seven countries, assigned to deliver open-source system management solutions.

- Implemented features and bug-fixes for OpenPegasus, a open-source Web Based Enterprise Management (WBEM) implementation, and Linux system management instrumentation plug-ins (open-source SBLIM project).
- Taught a Linux World Expo 2005 hands-on-lab on system management using WBEM. Internally taught classes on Common Information Model (CIM), WBEM and Common Manageability Programming Interface technology.
- With the Service Availability Forum (SAF) consortium defined the SAF MIB. Designed and implemented the OpenHPI SNMP sub-agent exporting said SAF MIB.

2002-2003

IBM AIX Instrumentation Group

- With the team, designed and implemented the AIX 5.3 Enterprise SNMP sub-agent.

2001-2001

IBM Extreme Blue Group Intern

- In a team, designed and implemented a framework for autonomous installation, de-installation, hard drive scrubbing, roll forward, roll back and snapshot creation of Linux systems.

Relevant Skills

- Languages: C, C++, Java, JavaScript/HTML, Assembler (Linux), Perl, PHP, Python. Polish.
- Operating Systems: [SuSE, Debian, Red Hat, Ubuntu]Linux, BSD, Solaris, AIX, Windows, MacOS X.
- Technologies: SNMP, WBEM, CIM, CMPI, OpenHPI, SQL, JDBC, SAS, SATA, IDE, SCSI, iSCSI, Fibre Channel, PnP BIOS, ACPI, APIC, Xen, KVM, Intel VT-x, AMD-V.

Patents

#7,472,186: Method for using SNMP as an RPC mechanism for exporting the data structures of a remote library

Education

(Thesis: Dynamic Scalable Deployable Face Recognition Security System Infrastructure)

2000 - 2002	University of New Orleans	M.S. Computer Science
1997 - 2000	University of New Orleans	B.S. Computer Science