

Curriculum Vitae - Dag Wieërs

Personalialia

Full name

Dag Johan Maarten Wieërs

Location

Ghent, Belgium

Phone

+32 478 436 299

Email

dag@linux.com, dag@wieers.com

Website

<http://dag.wieers.com/blog/>,
<http://be.linkedin.com/in/dagwieers>

Availability and work interests

My technical experience and interests as a system engineer and system architect focus on Linux and Open Source software, preferably Red Hat Enterprise Linux (RHEL), CentOS and Scientific Linux. With more than 16 years of experience I am one of the Linux pioneers in Belgium and well-known within the specific Red Hat Linux community.

Skills include deploying, migrating and managing Linux infrastructure (servers and desktops), packaging Unix software, designing and implementing system tools, improving hardware support and automating operational tasks using python, shell scripting and perl with attention to documentation, standardization, procedures and policies.

I am available as a freelancer for contract work inside and outside of Europe, but not willing to relocate on a permanent basis.

References provided on request.

Work experience

Hewlett-Packard Belgium

ongoing (may 2010 → present)

Linux system engineer

Analysis of Linux SAN incompatibilities, and monitoring of SAN equipment to troubleshoot. Best practices for Linux multipathing and SAN performance. Assessment and design of Linux reference architecture. *Incl. Atos Worldline, Dexia Technology Services, SWIFT*

Linux system developer

Implementing disaster recovery solution. Improvements to installation scripts and webmin modules. Packaging improvements. Automation and scripting. Design and implementation of a samba/anti-virus solution. Documentation and troubleshooting, at *Belgian Federal Police*.

AXA-Tech Belgium

2.5 years (nov 2007 → mar 2010)

Linux system engineer

Linux migration of Belgian datacenter to Germany. Design and implementation of modular framework and infrastructure for Linux and VMware ESX, used for deploying, retrofitting and validating Linux servers. 3rd level support, troubleshooting and design work.

EMC Belgium Development Group

6 months (jul 2007 → dec 2007)

Linux system engineer

Implementation of infrastructure for Novell SLES Linux deployment for technical development workstations. Integration with Active Directory, NIS, Clearcase, VMware Server.

Punch Telematix

4 months (jun 2007 → sep 2007)

Linux system engineer

Design and implementation of technical documentation system. Design and implementation of subversion. Packaging for Novell SLES Linux. Troubleshooting. Automation.

Euroclear

2.5 years (dec 2005 → may 2007)

Unix system engineer

Deployment of Unix systems and services. Design and implementation of management infrastructure (configuration and documentation management, change management). Packaging for Solaris, AIX, Linux and VMware. Custom software development. Troubleshooting. Automation.

Mind Linux Solutions

1.5 year (oct 1999 → apr 2001)

Founder / Business Unit Manager

Taking care of various parts of the organization, including sales and marketing. Experience with project-management and presales for a small (15 headcount) consultancy company.

Consultant

Linux and Open Source consultancy and training for several customers in on-site projects varying between 1 and 3 weeks.

IBM Belgium

5.5 year (sep 1999 → dec 2005)

Unix system engineer

On Unix and Linux systems. (e.g. packaging on Linux/AIX, implementing various system and network services, general troubleshooting), implementing hosting infrastructure on Linux. (e.g. resource and availability monitoring, capacity planning, firewall framework)

Consultant

Designing and implementing solutions for automatic deployment of Linux clients, Point-Of-Sale systems, network services, clusters and big parallel storage systems for digital media projects, *incl. Real Software, VRT, EVS, RVA, Callataÿ and Wouters, KBC*

SISA Software/Winsome

summer job 1996/1997 and oct 1997 → sep 1999

Consultant

Analysis and design of an off-line website generation program (further developed as WebEngine) and web-scripting. Implementation of business projects.

System administration

Installation and operational management of Linux infrastructure and routers.

Provinciale Bibliotheek Limburg

voluntary oct 1996 → nov 1997

Network administration

Maintenance of 12 public Internet terminals (based on Windows 95) and an ISDN Internet connection.

Internet training

Individual training and training in group regarding computer use, the Internet, search-engines and popular websites.

Skills

Overall

- Ability to learn quickly from self-study
- Thorough experience in Unix system administration and automation
- Thorough experience in configuring and deploying systems in a scalable and coherent manner
- Owner of various best practices regarding Linux system and application deployments, system maintenance and documentation, system security and Enterprise Linux in general.
- Experience in developing and marketing products using the Internet and Internet communities
- Experience in project-management and leading a technical team

Operating systems / Software

- Excellent knowledge of Linux (since 1994) incl. Red Hat Enterprise Linux, Scientific Linux, CentOS, Fedora (but also SLES, Ubuntu, Debian, ...)
- Experience with various Unix systems including AIX, HP/UX and Solaris, mostly wrt. packaging, automation and troubleshooting.
- Experience with virtualization solutions incl. OpenVZ, RHEV/KVM and VMware ESX
- Thorough experience in designing and implementing a multi-customer monitoring and reporting infrastructure
- Experience with Red Hat kickstart, post-installation mechanisms for mass deployment and building Red Hat RPM packages
- Experience with clustered web-servers for load-balancing and fail-over, firewalling, virtual private networking (VPN), building high-capacity, load-balancing and high-available systems (IPVS), disaster recovery solutions and network intrusion detection systems (NIDS)
- Thorough experience in compiling, installing, and configuring of Unix system software, e.g. NFS, Samba, lpd (and LPRng), Postfix, Amavisd, Bind, DHCP, XFree86, Apache, ssh, ntpd, Snort, Dante, RRDtool, Nagios, Webmin, rear, KVM, ...
- Experience with GPFS clustering and SAN environments for large digital media environments
- Experience with building solutions using SugarCRM and Drupal
- Experience automating and integrating with Red Hat Network Satellite
- Experience in programming and scripting in various computer languages
- Experience with various markup languages (HTML, SGML, DocBook v3 and v4, XML, CSS, AsciiDoc)
- CGI Programming (in Perl and C) and PHP3/4
- IP (TCP/UDP), ICMP, ARP and protocols like IRC, FTP, SMTP, HTTP, NNTP, POP3, IMAP, DHCP, IPsec, ...
- SQL (MySQL, msql, PostgreSQL, DB2 and some Oracle)

Programming languages

Active

Python (since 2002), SQL (since 1997), PHP (since 1996), Javascript (since 1995), Bash, AWK and Unix-shells (since 1994), C (since 1994), Perl 4 and 5 (since 1994)

Passive

C# and Mono (since 2003), RPG on AS/400 (1997 - 1998), Visual Basic (1997), Java (since 1996), Pascal (1991 - 1999), Tcl/Tk, x86 Assembler (1992 - 1996), BASIC (1988 - 1990)

Languages

- Dutch: native
- English: fluently spoken and written
- French: basic spoken and limited written
- German: notions

Education

Presentations

I have presented on various topics at various events and get-togethers, including the following conferences:

- LinuxCon Europe, Prague, CZ - 2011
- LibreOffice Conference, Paris, FR - 2011
- Japan Linux Symposium, Tokyo, JP - 2009
- Jornadas Regionales de Software Libre, Buenos Aires, AR - 2008
- LinuxTag Berlin, DE - 2008
- LinuxWorld Expo Brussels, BE - 2008
- LinuxWorld Expo Utrecht, NL - 2007
- T-DOSE, Eindhoven, NL - 2007, 2008, 2009, 2010, 2011
- Linuxconf.eu, Cambridge, UK - 2007
- FrOSCon, Bonn, DE - 2007, 2008, 2009
- FOSDEM, Brussels, BE - 2006, 2008, 2009

Technical writing

IBM Redbook Residency, Poughkeepsie, NY (05/2005)

Co-written a Redbook about the design and implementation of GPFS (General Parallel File System) in a digital media (broadcasting) environment. [SG246700]

IBM Redbook Residency, Austin, TX (11/2002)

Co-written a Redbook about the design and implementation of a Linux-based deployment in a branch banking environment. [SG246813]

Certification

Red Hat Certificates

- Red Hat Enterprise Linux Presales Foundations
- Red Hat Enterprise Virtualization Presales Foundations
- Red Hat JBoss Presales Foundations
- Red Hat Partner Platform Certified Salesperson (RHPPCS)
- Red Hat Partner Virtualization Certified Salesperson (RHPVCS)
- Red Hat Partner Middleware Certified Salesperson (RHPMCS)

Brainbench Certificates

- Linux Administration (General): 4.71/5 (30 March 2005) #1 Belgium [> 99% of all participants]
- Linux Administration (Red Hat 9): 4.34/5 (30 March 2005) #2 Belgium [> 98% of all participants]
- Linux Administration (Red Hat): 3.93/5 (30 March 2005) #2 Belgium [> 96% of all participants]
- Linux Programming (General): 4.21/5 (30 March 2005) #1 Belgium [> 89% of all participants]
- Unix Administration (General): 4.53/5 (30 March 2005) #3 Belgium [> 94% of all participants]

Formal education

XIOS Hogeschool Limburg, Diepenbeek (1996 → 1999)

Applied Computer Science (~ Bachelor degree)

Universiteit Hasselt, Diepenbeek (1994 → 1996)

Computer Science, 1st year

Heilig Hartcollege, Heusden-Zolder (1988 → 1994)

Latin-Greek, Latin-Mathematics and Science-Mathematics

Additional activities

- Maintainer of [RPMforge RPM Repository](#) with more than 5000 Open Source software RPM packages for RHEL, SciLinux and CentOS *used by many international companies and organizations.*
- Member of the [ELRepo initiative](#) providing kernel module packages (hardware drivers) *used by many international companies and organizations using RHEL, SciLinux or CentOS.*
- Author of [various Open Source software projects](#) *incl. dstat, asciidoc-odf, unoconv, mrepo, dconf, sarah, wipresent*
- Contributor to various Open Source projects *incl. Relax and Recover, asciidoc, docbook2odf, proxytunnel, scannedonly*
- Ex-member of the [CentOS core team](#)
- Author of the FrOSCon LiveUSB used for informational displays and conference room computers