

Full Name: Alain Dawson Dominic Williams
Title: Linux Consultant
Phone: +44 (0) 1923 676157 / +44 (0) 787 668 0256
Net: addw@phcomp.co.uk
Date of Birth: 6th March 1955

SKILLS SUMMARY

I have worked with Unix since 1982 and Linux since 1995, both at the systems and application levels doing: consultancy, design, development, technical review & systems administration. I have taught at many different levels: from end user to application programmer and programming languages to kernel hacking.

I have a 'can do' attitude to taking on projects, using the skills and tools that I know and learning new ones as needed. The wealth of Open Source means that I am always learning new techniques and discovering new solutions. However, if I feel that something is beyond me I will say so.

I have a reputation for getting the job done, producing robust systems and being able to take the initiative.

Languages include: C, Perl, PHP, shell, lex/yacc.

Tools/applications include: Mysql, Apache, Exim, networking (TCP/IP), Samba, Cyrus IMAP, Horde/IMP, squid, Bind, MailScanner/SpamAssassin, mojordomo, mailman, make, SCCS.

I have worked in the following areas: retail, SME, local authority, further education, banking, systems houses, IT training, charity.

I am a Red Hat Certified Engineer & Examiner.

I am educated to degree level and have passed the BCS part I & II exams.

I am fluent in French.

I have a full driving license.

I am chairman of the United Kingdom Unix User Group.

I am a member of the Institute of Electrical Engineers and British Computer Society.

In spite of being a technical person I dress presentably.

WORK EXPERIENCE AND PROJECTS

- Middle-ware and infrastructure in a retail company; this needed flexible 24x7 unattended operation. Used several MySQL databases; applications in C, shell & perl; PHP web pages including password protected data entry. Devised and implemented EDI protocols with trading partners.
- Studies for local authorities/quangos with a view to migration of their systems to Linux. Of note was the study for the London borough of Newham.
- Install an email system including web based user access for Nottingham County Council (6,000 users) and one for Oaklands College (20,000 users).
- I have done Security reviews for various organisations.
- I have designed and/or implemented networking/client-server solutions at different levels for several customers.
- PhLOGIN — UNIX security tool, replaces & secures some of the UNIX access points.
- Basic to C Translator, including the run time libraries. Translated code works on various Unix and MS-DOS.
- IBM MQ Series — messaging middle-ware. I ported this onto the Sinix/Pyramid V.4.2 platform.
- I have been involved with SWIFT and connected several systems via TCP/IP.
- Systems management for users. Management programs to allow computer naive users to run their Unix systems easily.
- Database/Office systems. I have implemented databases to meet end user office requirements.
- Teaching. I teach UNIX/Linux, database, PHP, Perl & C courses at various levels for a variety of training companies.
- Some of my activities have involved Project Management as part of the task.
- I have delivered papers at technical conferences.