

Details:

- Name: Richard Clamp
- E-mail: richardc@unixbeard.net

Key Skills:

- Installation and support of operating systems: Linux (Red Hat, Fedora, CentOS, Debian), FreeBSD.
- Installation and support of services:
 - DNS: BIND, Tinydns.
 - SMTP: Exim with SpamAssassin and virus checking, Mailman, Postfix.
 - IMAP: UoW imapd, Dovecot.
 - POP3: UoW pop3d, Dovecot.
 - Databases: MySQL, PostgreSQL, SQLite.
 - HTTP: Apache (1 and 2) with PHP, mod_perl, mod_rewrite, mod_dav, mod_dav_svn, mod_proxy. Nginx configured for load balancing and mass file serving. Zeus Traffic Manager load balancer.
 - Other: Samba, Subversion, CVS, Nagios, Munin, git, ssh.
- Use of dpkg and rpm to produce and maintain packages.
- MySQL server performance tuning and monitoring.
- Programming with Perl and C.
- Shell scripting with sh and bash.
- Basic IBM SAN management.
- Cluster management with puppet.
- Virtualization using Xen and VMware.

Employment History:

November 2009 – April 2010

Systems Administrator for IPC Digital

My main work was to migrate symfony and drupal-based applications from the legacy deployment environment to a package-managed greenfields deployment on RHEL hosts. This mostly involved constructing rpm packages of the application code and dependencies, and then encapsulating other requirements into puppet classes.

I also worked to improve the monitoring systems, writing ad-hoc munin plugins to profile the memcached environment, and evaluating potential replacements for the up.time installation.

April 2008 – May 2009

Systems Administrator for GCap Media/Global Radio

Much of my work here was as part of a small team; our primary responsibility was to support a set of django applications providing the content management platform for several websites. In creating the foundation for that we implemented a provisioning system built around PXE booting of debian preseed, with system configuration centrally managed by puppet.

I built configuration generation tools to automate monitoring and management systems from a version controlled central configuration database, and also developed some bespoke munin and nagios plugins for monitoring key internal components.

November 2007 - January 2008

Systems Administrator for Fotango

I was employed on a short contract assisting with on-call support for existing applications while the company was wound down.

April 2007 - November 2007

Senior Perl Developer for Foxtons

I joined the web team as a developer on the Foxtons websites and other internal systems. Several of the projects focused on improving the development workflows through applied version control and virtualization.

I was also involved in several networking and hosting changes, as well as introducing more stable monitoring systems.

December 2003 - April 2007

Release Manager / Senior Systems Administrator for Fotango

My original role was that of release manager with the goals of improving the quality of software releases and maintaining the build apparatus. I worked as a bridge between the systems and development teams, organising and documenting releases.

In October of 2004 I moved into the systems team full-time as a systems administrator. My previous work in documenting and releasing the products, along with my development experience, helped greatly in diagnosing and maintaining the applications.

August 2002 - December 2003

Senior Programmer for ForeSite Business Solutions

I took on the maintenance and ongoing development of the rael and OpenFire products. As part of this I instituted the use of CVS for development projects.

August 2001 - April 2002

Senior Developer for Object1

Working as a Senior Developer, my role was mainly concerned with systems design and lead coding on CMS-based projects.

Time was also spent on improving internal network services, and policies for future development.

March 2001 - July 2001

Systems Developer for Profero

I worked as part of an XP pair on systems development of some log-analysis tools intended to feed back into an intranet used for the planning and deployment of advertising campaigns.

Other tasks included setting up network-usage monitoring and subsequent reporting.

January 2001 - March 2001

Senior Perl Programmer for calaba

My primary role was ongoing maintenance of a WAP targeted web spider. This was initially written as a forking process with a lot of co-ordination at the end of the run; it was re-implemented using the event-based model of the POE framework.

Time was also spent developing a scheme to use WordNet senses to improve the semantic value of search results. Non-development work included systems and firewall administration.

March 2000 - January 2001

Senior Tech for oven digital

I was hired as a developer for the eCountries news/b2b site. This was implemented in MediaSurface, a CMS written in Java and Perl. Through this I was able to develop my Perl skills and gain experience in the use of Oracle.

July 1998-March 2000

Senior Programmer/Systems Administrator for tw2.com

My first project was to produce the backend publishing system for The Register.

Later, becoming a Senior Programmer added a teaching role. Part of this was discharged by instigating sessions in which people would present some technical issue of interest. My role eventually expanded to leading a development team of 6 on a rotating basis.

During my last few months I also took on a systems administration role, handling maintenance of the Unix servers and the connectivity of the tw2 offices.